

APPENDIX H

Bibliography of ECOTOX Open Literature

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ECOTOX Database Searches for Malathion Endangered Species Risk Assessments

The Agency conducted three searches of the ECOTOX Database to identify published papers that report ecotoxicological results for malathion. The first search was completed in June of 2007 for an assessment on the risk of malathion to the California red-legged frog. Results of that search can be found in the in Appendix B of the document *Risks of Malathion Use to Federally Listed California Red-legged Frog (Rana aurora draytonii)* (USEPA 2007). Two additional “refresh” searches were conducted, the first in October 2008 and second in January 2010. This appendix provide bibliographies of papers identified in these two refresh searches.

Reference

USEPA, 2007. Risks of Malathion Use to Federally Listed California Red-legged Frog (*Rana aurora draytonii*). Environmental Fate and Effects Division. Office of Pesticide Program.

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

Studies located and coded into ECOTOX must meet acceptability criteria, as established in the *Interim Guidance of the Evaluation Criteria for Ecological Toxicity Data in the Open Literature, Phase I and II*, Office of Pesticide Programs, U.S. Environmental Protection Agency, July 16, 2004. Studies that do not meet these criteria are designated in the bibliography as “Accepted for ECOTOX but not OPP.” The intent of the acceptability criteria is to ensure data quality and verifiability. The criteria parallel criteria used in evaluating registrant-submitted studies. Specific criteria are listed below, along with the corresponding rejection code.

- The paper does not report toxicology information for a chemical of concern to OPP; (Rejection Code: NO COC)
- The article is not published in English language; (Rejection Code: NO FOREIGN)
- The study is not presented as a full article. Abstracts will not be considered; (Rejection Code: NO ABSTRACT)
- The paper is not publicly available document; (Rejection Code: NO NOT PUBLIC (typically not used, as any paper acquired from the ECOTOX holding or through the literature search is considered public))
- The paper is not the primary source of the data; (Rejection Code: NO REVIEW)
- The paper does not report that treatment(s) were compared to an acceptable control; (Rejection Code: NO CONTROL)
- The paper does not report an explicit duration of exposure; (Rejection Code: NO DURATION)
- The paper does not report a concurrent environmental chemical concentration/dose or application rate; (Rejection Code: NO CONC)
- The paper does not report the location of the study (e.g., laboratory vs. field); (Rejection Code: NO LOCATION)
- The paper does not report a biological effect on live, whole organisms; (Rejection Code: NO IN-VITRO)
- The paper does not report the species that was tested; and this species can be verified in a reliable source; (Rejection Code: NO SPECIES)
- The paper does not report effects associated with exposure to a single chemical. (Rejection Code: NO MIXTURE). It should be noted that all papers including data on pesticide mixtures are considered.

Additionally, efficacy studies on target species are excluded and coded as NO TARGET.

Data that originated from the OPP Pesticide Ecotoxicity Database is coded as NO EFED. These data are already available to the chemical team.

I. Acceptable to EcoTox and to OPP

A. October 2008 Refresh

Abdollahi, M., Donyavi, M., Pournourmohammadi, S., and Saadat, M. (2004). Hyperglycemia Associated with Increased Hepatic Glycogen Phosphorylase and Phosphoenolpyruvate Carboxykinase in Rats Following Subchronic Exposure to Malathion. *Comp.Biochem.Physiol.C* 137: 343-347.

EcoReference No.: 89126

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Abdollahi, M., Mostafalou, S., Pournourmohammadi, S., and Shadnia, S. (2004). Oxidative Stress and Cholinesterase Inhibition in Saliva and Plasma of Rats Following Subchronic Exposure to Malathion. *Comp.Biochem.Physiol.C* 137: 29-34.

EcoReference No.: 89127

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Agrawal, S. C. and Manisha (2007). Growth, Survival and Reproduction in *Chlorella vulgaris* and *C. variegata* with Respect to Culture Age and Under Different Chemical Factors. *Folia Microbiol.* 52: 399-406.

EcoReference No.: 104317

Chemical of Concern: ALSV,MLN,PL,TOL,BNZ,KER,STRP,TTCH,CBF,DMT,ES; Habitat: A; Effect Codes: MOR,POP; Code: LITE EVAL CODED(ES,MLN),NO ENDPOINT(CBF),OK(STRP,TTCH,DMT),NO COC(OXT).

Aguilera, L., Marquetti, M. D. C., Navarro, A., and Bisset, J. (1995). Effects of Three Organophosphorus Insecticides in the Reproductive Potential of *Culex quinquefasciatus*. *Mem.Inst.Oswaldo Cruz* 90: 411-413.

EcoReference No.: 103416

Chemical of Concern: MLN,CPY,PIRM; Habitat: AT; Effect Codes: MOR,REP; Code: LITE EVAL CODED(MLN,PIRM),OK(CPY).

Ahmed, R. S., Seth, V., Pasha, S. T., and Banerjee, B. D. (2000). Influence of Dietary Ginger (*Zingiber officinales* Rose) on Oxidative Stress Induced by Malathion in Rats. *Food Chem.Toxicol.* 38: 443-450.

EcoReference No.: 91883

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Akay, M. T., Yilmazoglu, G., Gokce, D., and Kolankaya, D. (1990). The Effects of Bound Residues of Malathion in Stored Wheat Grains on Rat Brain Acetylcholinesterase and Pseudocholinesterase Activities. *Doga Turk.Zool.Derg* 14: 162-166.

EcoReference No.: 90627

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Akay, M. T., Yilmazoglu, G., Keskin, P., and Kolankaya, D. (1990). Biological Activity in Rats of Bound Residues of Malathion in Stored Wheat Grains. *Doga Turk.Zool.Derg* 14: 167-172.

EcoReference No.: 89875

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM,CEL; Code: LITE EVAL CODED(MLN).

Akbarsha, M. A., Latha, P. N. L., and Murugaian, P. (2000). Retention of Cytoplasmic Droplet by Rat Cauda Epididymal Spermatozoa After Treatment with Cytotoxic and Xenobiotic Agents. *J.Reprod.Fertil.* 120 : 385-390.

EcoReference No.: 103562

Chemical of Concern: DDVP,MLN; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(DDVP,MLN).

Al-Qarawi, A. A. and Adam, S. E. I. (2003). Effects of Malathion Plus Superphosphate or Urea on Najdi Sheep. *Vet.Hum.Toxicol.* 45: 3-5.

EcoReference No.: 88957

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL,PHY,MOR; Code: LITE EVAL CODED(MLN).

Amin, A. M. and Peiris, H. T. R. (1990). Detection and Selection of Organophosphate and Carbamate Resistance in *Culex quinquefasciatus* from Saudi Arabia. *Med.Vet.Entomol.* 4: 269-273.

EcoReference No.: 101101

Chemical of Concern: CPY,TMP,FNTH,FNT,PIRM,MLN,PPX; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,TMP,MLN,PPX,FNT).

Bai, A. R. K. and Reddy, C. C. (1977). Laboratory Toxicity of Some Insecticides to *Apis cerana indica*. *J.Apic.Res.* 16: 161-162.

EcoReference No.: 103585

Chemical of Concern: CBF,HCCH,EN,DDT,HPT,DDVP,MP,PPHD,FNT,OXD,DMT,MLN,CBL; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DDVP,MP,MLN,FNT,CBF),OK(OXD,DMT,CBL).

Baker, J. E., Weaver, D. K., Throne, J. E., and Zettler, J. L. (1995). Resistance to Protectant Insecticides in Two Field Strains of the Stored-Product Insect Parasitoid *Bracon hebetor* (Hymenoptera: Braconidae). *J.Econ.Entomol.* 88: 512-519.

EcoReference No.: 63403

Chemical of Concern: CPYM,PIRM,CYF,MLN,DM,TBF; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED(PIRM,MLN),OK(CPYM,CYF),NO MIXTURE(TBF).

Balasubramanian, K., Ananthanarayanan, P. H., and Balasubramanian, A. (1990). Effect of Malathion Administration on Adrenal Function in Male Albino Rats. *Med.Sci.Res.* 18: 129-130.

EcoReference No.: 89311

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(MLN).

Bansal, S. K. and Singh, K. V. (2004). Efficacy of Different Organophosphate and Synthetic Pyrethroid Insecticides to the Larvae of Malaria Vector *Anopheles stephensi*, Liston. *J.Environ.Biol.* 25: 485-488.

EcoReference No.: 100533

Chemical of Concern: MLN,FNTH,FNT,TMP,CYP,DM; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,FNTH,FNT,TMP,CYP,DM).

Bartlett, B. R. (1966). Toxicity and Acceptance of Some Pesticides Fed to Parasitic Hymenoptera and Predatory Coccinellids. *J.Econ.Entomol.* 59: 1142-1149.

EcoReference No.: 98221

Chemical of Concern: AND,ARM,AZ,DCTP,Captan,CBL,CHD,CYT,DDT,DEM,DZ,DCF,DLD,DMT,DINO,ES,EN,ETN,FNTH

,FBM,HPT,CaPS,HCCCH,MLN,MXC,MVP,Naled,KER,PRN,RTN,SBDA,SFR,TXP,TCF,Zineb; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,ES,RTN,DZ,AZ,DCF,TCF,MLN,Naled),OK(ARM,Captan,DMT,MXC,MVP,SFR).

Basiri, S., Esmaily, H., Vosough-Ghanbari, S., Mohammadirad, A., Yasa, N., and Abdollahi, M. (2007). Improvement by Satureja khuzestanica Essential Oil of Malathion-Induced Red Blood Cells Acetylcholinesterase Inhibition and Altered Hepatic Mitochondrial Glycogen Phosphorylase and Phosphoenolpyruvate Carboxykinase Activities. *Pestic.Biochem.Physiol.* 89: 124-129.

EcoReference No.: 104630

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,PHY,BCM; Code: LITE EVAL CODED(MLN).

Bond, J. A. (1994). Heat-Shock, Protein Expression and Resistance to Malathion in the Cladoceran Daphnia magna. *Ph.D.Thesis, Univ.of Maryland, College Park, MD* 152 p. (Publ in Part As 16901, 17867).

EcoReference No.: 19187

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Bonning, B. C., Hemingway, J., Romi, R., and Majori, G. (1991). Interaction of Insecticide Resistance Genes in Field Populations of Culex pipiens (Diptera: Culicidae) from Italy in Response to Changing Insecticide Selection Pressure. *Bull.Entomol.Res.* 81: 5-10.

EcoReference No.: 100896

Chemical of Concern: PPX,MLN,TMP,CPY; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,TMP,MLN).

Boone, M. D. (2008). Examining the Single and Interactive Effects of Three Insecticides on Amphibian Metamorphosis. *Environ.Toxicol.Chem.* 27: 1561-1568.

EcoReference No.: 104182

Chemical of Concern: MLN,CBL,PMR; Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(MLN),OK(CBL,PMR).

Bosco, C., Rodrigo, R., Diaz, S., and Borax, J. (1997). Renal Effects of Chronic Exposure to Malathion in Octodon degus. *Comp.Biochem.Physiol.C* 118: 247-253.

EcoReference No.: 47700

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,PHY; Code: LITE EVAL CODED(MLN).

Brewer, S. K., DeLonay, A. J., Beauvais, S. L., Little, E. E., and Jones, S. B. (1999). The Use of Automated Monitoring to Assess Behavioral Toxicology in Fish: Linking Behavior and Physiology. In: D.S.Henshel, M.C.Black, and M.C.Harrass (Eds.), *Environ.Toxicol.Risk Assess., Standardization of Biomarkers for Endocrine Disruption and Environmental Assessment., 8th Volume, ASTM STP 1364, West Conshohocken,PA* 370-386.

EcoReference No.: 85991

Chemical of Concern: FNV,MLN; Habitat: A; Effect Codes: BEH,BCM; Code: LITE EVAL CODED(MLN,FNV).

Brocardo, P. S., Assini, F., Franco, J. L., Pandolfo, P., Muller, Y. M. R., Takahashi, R. N., Dafre, A. L., and Rodriques, A. L. S. (2007). Zinc Attenuates Malathion-Induced Depressant-like Behavior and Confers Neuroprotection in the Rat Brain. *Toxicol.Sci.* 97: 140-148.

EcoReference No.: 96652

Chemical of Concern: MLN,ZnCl₂; Habitat: T; Effect Codes: CEL,BEH,BCM; Code: LITE EVAL CODED(MLN,ZnCl₂).

Brown, D. R. and Moon, R. D. (1995). Biting Lice Control on Angora Goats in Northern Minnesota, 1994. *Arthropod Manag.Tests* 20: 325 (3K).

EcoReference No.: 89089

Chemical of Concern: MLN,FNV; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(MLN),OK(FNV).

Bulusu, S. and Chakravarty, I. (1987). Effect of Subacute Administration of Three Organophosphorus Pesticides on the Hepatic Phosphatases Under Various Nutritional Conditions. *Environ.Res.* 44: 126-135.

EcoReference No.: 39865

Chemical of Concern: PRN,MLN,PHSL; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN),OK(PRN,PHSL).

Buntin, G. D. (1991). Aphid Control in Winter Canola Using Foliar Insecticides in 1990. *Insectic.Acaric.Tests* 16: 142-143 (29F).

EcoReference No.: 104666

Chemical of Concern: PRN,DS,CPY,MLN,DMT,PMR,ES; Habitat: T; Effect Codes: POP,GRO; Code: LITE EVAL CODED(ES,MLN),OK(DS),EFFICACY(CPY,DMT,PMR).

Butler, D. W. and Verrell, P. A. (2005). Inhibitory Effect of a Herbicide Formulation on Toxicity of Malathion to the Worm *Eisenia fetida*. *Bull.Environ.Contam.Toxicol.* 75: 421-428.

EcoReference No.: 104195

Chemical of Concern: DMB,MCCP,MLN,24D; Habitat: T; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(MLN),NO MIXTURE(DMB,MCCP,24D).

Buyukguzel, K. (2006). Malathion-Induced Oxidative Stress in a Parasitoid Wasp: Effect on Adult Emergence, Longevity, Fecundity, and Oxidative and Antioxidative Response of *Pimpla turionellae* (Hymenoptera: Ichneumonidae). *J.Econ.Entomol.* 99: 1225-1234.

EcoReference No.: 87335

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,REP,MOR,PHY,BCM; Code: LITE EVAL CODED(MLN).

Cabello, G., Valenzuela, M., Vilaxa, A., Duran, V., Rudolph, I., Hrepic, N., and Calaf, G. (2001). A Rat Mammary Tumor Model Induced by the Organophosphorous Pesticides Parathion and Malathion, Possibly Through Acetylcholinesterase Inhibition. *Environ.Health Perspect.* 109: 471-479.

EcoReference No.: 96371

Chemical of Concern: PRN,MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN),OK(PRN).

Caron, D. M. (1979). Effects of Some ULV Mosquito Abatement Insecticides on Honey Bees. *J.Econ.Entomol.* 72: 148-151.

EcoReference No.: 72010

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(Naled,MLN).

Casale, G. P., Cohen, S. D., and DiCapua, R. A. (1983). The Effects of Organophosphate-Induced Cholinergic Stimulation on the Antibody Response to Sheep Erythrocytes in Inbred Mice. *Toxicol.Appl.Pharmacol.* 68:

198-205.

EcoReference No.: 36088

Chemical of Concern: MLN,PRN,DDVP; Habitat: T; Effect Codes: PHY,MOR,GRO,BCM; Code: LITE EVAL CODED(MLN,DDVP).

Chakraborti, S., Mourya, D. T., Gokhale, M. D., and Banerjee, K. (1993). Insecticide Susceptibility Status & Enzyme Profile of *Aedes albopictus* Populations from Different Localities of Maharashtra State. *Indian J.Med.Res.* 97: 37-43.

EcoReference No.: 103774

Chemical of Concern: DDT,MLN,DM,PPX,FNT; Habitat: AT; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN,FNT),OK(DM).

Chandran, G. J., Harilal, K. S., and Sahai, S. (1991). A Method for the Estimation of Safe Experimental Concentration for Intermediate Toxicity Test. *J.Nat.Conserv.* 3: 211-217.

EcoReference No.: 94525

Chemical of Concern: HCCH,CBL,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,CBL).

Childers, C. C., Aguilar, H., Villanueva, R., and Abou-Setta, M. M. (2001). Comparative Residual Toxicities of Pesticides to the Predator *Euseius mesembrinus* (Acari: Phytoseiidae) on Citrus in Florida. *Fla.Entomol.* 84: 391-401.

EcoReference No.: 78987

Chemical of Concern:

DFZ,ALSV,ETN,PRB,CBL,FTT,FO,CPY,DCF,CuOH,DMT,AZD,CuS,FBM,BMY,MLN,PPG,FNB,CFP,AZ; Habitat: T; Effect Codes: POP,MOR; Code: LITE EVAL CODED(BMY,MLN),OK(CuOH,CuS,FNB,FBM,CPY,PRB,CBL,FTT,FO,DMT,AZD,PPG,CFP,AZ),NO MIXTURE(ETN),TARGET(DCF).

Childers, C. C., Villanueva, R., Aguilar, H., Chewning, R., and Michaud, J. P. (2001). Comparative Residual Toxicities of Pesticides to the Predator *Agistemus industani* (Acari: Stigmaeidae) on Citrus in Florida. *Exp.Appl.Acarol.* 25: 461-474.

EcoReference No.: 78988

Chemical of Concern:

DFZ,ALSV,ETN,PRB,CBL,FTT,FO,CPY,DCF,CuOH,AZD,CuS,FBM,BMY,MLN,PPG,FNB,CFP; Habitat: T; Effect Codes: REP,MOR; Code: LITE EVAL CODED(BMY,MLN),OK(DFZ,PRB,FTT,FO,CPY,AZD,CuS,FBM,PPG,FNB,CFP),NO MIXTURE(ALSV,ETN,CuOH),TARGET(CBL,DCF).

Cohen, S. D., Callaghan, J. E., and Murphy, S. D. (1972). Investigation of Multiple Mechanisms for Potentiation of Malaoxon's Anticholinesterase Action by Triorthotolyl Phosphate (36899). *Proc.Soc.Exp.Biol.Med.* 141: 906-910.

EcoReference No.: 94527

Chemical of Concern: MLO; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLO).

Colburn, R. B. and Langford, G. S. (1970). Field Evaluation of Some Mosquito Adulticides with Observations on Toxicity to Honey Bees and House Flies. *Mosq.News* 30: 518-522.

EcoReference No.: 91349

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,Naled).

Cook, L. W., Paradise, C. J., and Lom, B. (2005). The Pesticide Malathion Reduces Survival and Growth in Developing Zebrafish. *Environ.Toxicol.Chem.* 24: 1745-1750.

EcoReference No.: 104625

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,REP; Code: LITE EVAL CODED(MLN).

Coto, M. M. R., Lazcano, J. A. B., De Fernandez, D. M., and Soca, A. (2000). Malathion Resistance in *Aedes aegypti* and *Culex quinquefasciatus* After Its Use in *Aedes aegypti* Control Programs. *J.Am.Mosq.Control Assoc.* 16: 324-330.

EcoReference No.: 92831

Chemical of Concern: MLN,PPB,TBF; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TBF,MLN),OK(PPB).

Da Silva, A. P., Farina, M., Franco, J. L., Dafre, A. L., Kassa, J., and Kuca, K. (2008). Temporal Effects of Newly Developed Oximes (K027, K048) on Malathion-Induced Acetylcholinesterase Inhibition and Lipid Peroxidation in Mouse Prefrontal Cortex. *Neurotoxicology* 29: 184-189.

EcoReference No.: 104183

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Dad, N. K. and Pandya, V. K. (1982). Acute Toxicity of Two Insecticides to Rotifer *Brachionus calyciflorus*. *Int.J.Environ.Stud.* 18: 245-246.

EcoReference No.: 18254

Chemical of Concern: CBF,MLN; Habitat: A; Effect Codes: POP; Code: LITE EVAL CODED(CBF,MLN).

Daigneault, E. A. (1972). Correlation of Prolonged Insecticide Exposure and the Activity of the Inhibition of Cochlea N1 Potential. *Toxicol.Appl.Pharmacol.* 21: 495-502 .

EcoReference No.: 39707

Chemical of Concern: PPB,PYN,ATN,DZ,MLN,DDVP,DDT; Habitat: T; Effect Codes: PHY; Code: LITE EVAL CODED(DZ,MLN),NO MIXTURE(DDVP).

Das, P. K. and Rajagopalan, P. K. (1979). Susceptibility of Larvae of *Culex fatigans* (Wiedmann), *Anopheles stephensi* (Liston) and *Aedes aegypti* (Linn.) to Insecticides in Pondicherry. *Indian J.Med.Res.* 70: 412-416.

EcoReference No.: 101154

Chemical of Concern: TMP,CBL,MLN,DDVP,FNTH; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,CBL,MLN,DDVP,FNTH).

Das, R. C. and Sengupta, B. (1993). Effect of Endosulfan and Malathion on the Ovarian Steroidogenesis and Brain Acetylcholinesterase Activity of the Catfish, *Clarias batrachus* (Linnaeus). *Vet.Arhib.* 63: 75-83.

EcoReference No.: 89006

Chemical of Concern: ES,MLN; Habitat: A; Effect Codes: REP,BCM; Code: LITE EVAL CODED(MLN,ES).

Davidson, P. P. (1975). Dietary Fat Alteration of Plasma Cholinesterase Response to Malathion. *Toxicology* 5: 113-115.

EcoReference No.: 89196

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

De Guise, S., Maratea, J., and Perkins, C. (2004). Malathion Immunotoxicity in the American Lobster (*Homarus americanus*) upon Experimental Exposure. *Aquat.Toxicol.* 66: 419-425.

EcoReference No.: 73331

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(MLN).

Del carmen Alvarez, M. and Fuiman, L. A. (2006). Ecological Performance of Red Drum (*Sciaenops ocellatus*) Larvae Exposed to Environmental Levels of the Insecticide Malathion. *Environ.Toxicol.Chem.* 25: 1426-1432.

EcoReference No.: 96028

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY,MOR,GRO,BEH; Code: LITE EVAL CODED(MLN).

Deshmukh, D. T., Raote, Y. V., Bhandarkar, A. G., Joshi, M. V., and Bhagwat, S. S. (1991). Effect of Insecticide Toxicity on Weight Gains and Feed Consumption of Chicks. *PKV Res.J.* 15: 49-54.

EcoReference No.: 103758

Chemical of Concern: HCCH,CBF,MLN,ES; Habitat: T; Effect Codes: GRO,BEH,PHY; Code: LITE EVAL CODED(ES,MLN,CBF).

Dharmagadda, V. S. S., Naik, S. N., Mittal, P. K., and Vasudevan, P. (2005). Larvicidal Activity of Tagetes patula Essential Oil Against Three Mosquito Species. *Bioresour.Technol.* 96: 1235-1240.

EcoReference No.: 94340

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Dhembare, A. J., Sonawane, N. V., and Gacche, R. N. (2003). Haematological Responses in Rattus norvegicus Linn. Exposed to Malathion. *J.Exp.Zool.India* 6: 117-119.

EcoReference No.: 104661

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Dikshith, T. S. S., Srivastava, M. K., Raizada, R. B., and Kumar, S. N. (1987). Interaction of Hexachlorocyclohexane and Malathion in Male Guinea Pigs After Repeated Dermal Application. *Vet.Hum.Toxicol.* 29: 138-142.

EcoReference No.: 95133

Chemical of Concern: HCCH,MLN; Habitat: T; Effect Codes: GRO,CEL,BCM,MOR,PHY,ACC; Code: LITE EVAL CODED(MLN).

Dulout, F. N., Pastori, M. C., and Olivero, O. A. (1983). Malathion-Induced Chromosomal Aberrations in Bone-Marrow Cells of Mice: Dose-Response Relationships. *Mutat.Res.* 122: 163-167.

EcoReference No.: 89108

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(MLN).

Dutta, H. M., Roy, P. K., Singh, N. K., Adhikari, S., and Munshi, J. D. (1998). Effect of Sublethal Levels of Malathion on the Gills of Heteropneustes fossilis: Scanning Electron Microscopic Study. *J.Environ.Pathol.Toxicol.Oncol.* 17: 51-63.

EcoReference No.: 89245

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,CEL; Code: LITE EVAL CODED(MLN).

Dzwonkowska, A. and Hubner, H. (1989). Mutagenicity Testing of Commercial Insecticides Administered Per Os. *Pol.J.Occup.Med.* 2: 286-293.

EcoReference No.: 103413

Chemical of Concern: HCCH,DMT,MXC,CBL,MLN,TCF,ES,DDVP,PPX,DEM; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(TCF,ES,DDVP,MLN).

Elzen, G. W., Maldonado, S. N., and Rojas, M. G. (2000). Lethal and Sublethal Effects of Selected Insecticides and an Insect Growth Regulator on the Boll Weevil (Coleoptera: Curculionidae) Ectoparasitoid *Catolaccus grandis* (Hymenoptera: Pteromalidae). *J.Econ.Entomol.* 93: 300-303.

EcoReference No.: 58583

Chemical of Concern: AZ,ES,FPN,MLN,CYF,DMT,SS,MP,ACP,OML,TUZ; Habitat: T; Effect Codes: MOR,POP,GRO; Code: LITE EVAL CODED(ES,MLN,SS,TUZ),NO
ENDPOINT,CONTROL(AZ,FPN,CYF,DMT,MP,ACP,OML).

Elzen, G. W., Rojas, M. G., Elzen, P. J., King, E. G., and Barcenas, N. M. (1999). Toxicological Responses of the Boll Weevil (Coleoptera: Curculionidae) Ectoparasitoid *Catolaccus grandis* (Hymenoptera: Pteromalidae) to Selected Insecticides. *J.Econ.Entomol.* 92: 309-313.

EcoReference No.: 63851

Chemical of Concern: DMT,ES,OML,ACP,MLN,AZ,CYF,MP,SS,FPN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DMT,ES,OML,MLN,AZ,FPN,CYF,SS,ACP,MP).

Estesen, B. J., Buck, N. A., Waller, G. D., Taylor, K. S., and Mamood, A. (1992). Residual Life and Toxicity to Honey Bees (Hymenoptera: Apidae) of Selected Insecticides Applied to Cotton in Arizona. *J.Econ.Entomol.* 85: 700-709.

EcoReference No.: 99620

Chemical of Concern: TLM,EFV,LCYT,MP,MLN,FYT,FNV,CYP,ACP,PFF,BFT,CYF,FVL,PMR; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED(PMR,ACP,MLN,MP),OK(EFV,FNV,CYP,PFF,BFT,CYF,FVL).

Fabacher, D. L., Kulkarni, A. P., and Hodgson, E. (1980). Pesticides as Inducers of Hepatic Drug-Metabolizing Enzymes - I. Mixed Function Oxidase Activity. *Gen.Pharmacol.* 11: 429-435.

EcoReference No.: 92612

Chemical of Concern: CHD,CPY,ES,MLN,PMR,24D,PPB,TFN,FNV,TBF; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(CPY,24D,TBF,FNV,ES,MLN),OK(PMR,PPB).

Failloux, A. B., Ung, A., Raymond, M., and Pasteur, N. (1994). Insecticide Susceptibility in Mosquitoes (Diptera: Culicidae) from French Polynesia. *J.Med.Entomol.* 31: 639-644.

EcoReference No.: 94523

Chemical of Concern: PPX,FNT,DM,MLN,PMR,TMP,FNTH,CPY; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,TMP,FNT,MLN).

Fischer, A. J., Bayer, D. E., Carriere, M. D., Ateh, C. M., and Yim, K. O. (2000). Mechanisms of Resistance to Bispyribac-Sodium in an *Echinochloa phyllopogon* Accession. *Pestic.Biochem.Physiol.* 68: 156-165.

EcoReference No.: 73577

Chemical of Concern: PPB,BP,MLN; Habitat: T; Effect Codes: POP,BCM; Code: LITE EVAL CODED(MLN),OK(PPB).

Flipo, D., Bernier, J., Girard, D., Krzystyniak, K., and Fournier, M. (1992). Combined Effects of Selected Insecticides on Humoral Immune Response in Mice. *Int.J.Immunopharmacol.* 14: 747-752.

EcoReference No.: 105770

Chemical of Concern: DLD,MLN,CBF; Habitat: T; Effect Codes: BCM,CEL; Code: LITE EVAL CODED(MLN,CBF),OK(DLD).

Fordham, C. L., Tessari, J. D., Ramsdell, H. S., and Keefe, T. J. (2001). Effects of Malathion on Survival, Growth, Development, and Equilibrium Posture of Bullfrog Tadpoles (*Rana catesbeiana*). *Environ.Toxicol.Chem.* 20: 179-184.

EcoReference No.: 56687

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,PHY; Code: LITE EVAL CODED(MLN).

Giri, S., Prasad, S. B., Giri, A., and Sharma, G. D. (2002). Genotoxic Effects of Malathion: An Organophosphorus Insecticide, Using Three Mammalian Bioassays In Vivo. *Mutat.Res.* 514: 223-231.

EcoReference No.: 88996

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,REP; Code: LITE EVAL CODED(MLN).

Goyal, B. S., Garg, S. K., and Garg, B. D. (1986). Malathion-Induced Hyper-Adrenal Activity in WLH Chicks. *Curr.Sci.* 55: 526-528.

EcoReference No.: 90624

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Gu, X. J., Li, S. N., Fan, D. F., and Tian, S. F. (2001). Recovery of Malathion-Inhibited Topmouth Gudgeon (*Pseudorasbora parva*) Brain AChE. *J.Shanghai Jiaotong Univ.(Agric.Sci.)* 19: 82-86.

EcoReference No.: 105039

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Gul, S., Nur, G., Kaya, T. O., Kamber, U., and Gurdegin, B. (2007). Detection of Micronuclei in Peripheral Erythrocytes of *Orthrias angorae* (Steindachner, 1897) Exposed to Malathion. *Fresenius Environ.Bull.* 16: 472-476.

EcoReference No.: 106641

Chemical of Concern: MLN,BNZ; Habitat: A; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(MLN,BNZ).

Gupta, R. C. (1984). Acute Malathion Toxicosis and Related Enzymatic Alterations in *Bubalus bubalis*: Antidotal Treatment with Atropine, 2-Pam, and Diazepam. *J.Toxicol.Environ.Health* 14: 291-303.

EcoReference No.: 104628

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN).

Gupta, R. C. and Paul, B. S. (1978). Influence of Malathion (O,O'-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate) on Body Enzymes in Dermal Subacute Toxicity Studies in *Bubalus bubalis* Species. *Bull.Environ.Contam.Toxicol.* 20: 811-818.

EcoReference No.: 36919

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN).

Gupta, R. C. and Paul, B. S. (1978). "No-Effect-Level" of Malathion (O,O'-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate) in *Bubalus bubalis*. *Bull.Environ.Contam.Toxicol.* 20: 819-825.

EcoReference No.: 36918

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Gupta, R. C., Singh, N., Paul, B. S., and Kwatra, M. S. (1981). Role of Residual Estimation, and Clinico-Biochemical and Pathological Changes in the Diagnosis of Toxicity in *Bubalus bubalis* Caused by Malathion. *Indian J.Anim.Sci.* 51: 616-622.

EcoReference No.: 95135

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,BCM,PHY; Code: LITE EVAL CODED(MLN).

Gurushankara, H. P., Krishnamurthy, S. V., and Vasudev, V. (2007). Effect of Malathion on Survival, Growth, and Food Consumption of Indian Cricket Frog (*Limnonectes limnocharis*) Tadpoles. *Arch.Environ.Contam.Toxicol.* 52: 251-256.

EcoReference No.: 104555

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BEH,MOR; Code: LITE EVAL CODED(MLN).

Gurushankara, H. P., Meenakumari, D., Krishnamurthy, S. V., and Vasudev, V. (2007). Impact of Malathion Stress on Lipid Metabolism in *Limnonectes limnocharis*. *Pestic.Biochem.Physiol.* 88: 50-56.

EcoReference No.: 104556

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Hall, R. J. and Clark, D. R. Jr. (1982). Responses of the Iguanid Lizard *Anolis carolinensis* to Four Organophosphorus Pesticides. *Environ.Pollut.Ser.A* 28: 45-52.

EcoReference No.: 36970

Chemical of Concern: AZ,MLN,MP,PRN; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(MP,MLN),OK(AZ).

Hansen, C. R. Jr. and Kawatski, J. A. (1976). Application of 24-Hour Postexposure Observation to Acute Toxicity Studies with Invertebrates. *J.Fish.Res.Board Can.* 33: 1198-1201.

EcoReference No.: 7796

Chemical of Concern: CBL,MLN,EDT,DLD; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(CBL,MLN),OK(EDT,DLD).

Hansen, D. J. (1969). Avoidance of Pesticides by Untrained Sheepshead Minnows. *Trans.Am.Fish.Soc.* 98: 426-429.

EcoReference No.: 5145

Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Code: LITE EVAL CODED(MLN),NO CONTROL(CBL),NO ENDPOINT(24DXY),NO ENDPOINT,NO CONTROL(CPY).

Hansen, D. J., Schimmel, S. C., and Keltner, J. M. Jr. (1973). Avoidance of Pesticides by Grass Shrimp (*Palaemonetes pugio*). *Bull.Environ.Contam.Toxicol.* 9: 129-133.

EcoReference No.: 5146

Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Code: LITE EVAL CODED(CBL,CPY,MLN),OK(DDT,EN),NO ENDPOINT(24DXY).

Hardstone, M. C., Leichter, C., Harrington, L. C., Kasai, S., Tomita, T., and Scott, J. G. (2007). Cytochrome P450 Monooxygenase-Mediated Permethrin Resistance Confers Limited and Larval Specific Cross-Resistance in the Southern House Mosquito, *Culex pipiens quinquefasciatus*. *Pestic.Biochem.Physiol.* 89: 175-184.

EcoReference No.: 100122

Chemical of Concern: TMP,PMR,MP,BFT,DZ,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,PMR,MP,DZ,MLN,BFT).

Heath, R. G., Spann, J. W., Hill, E. F., and Kreitzer, J. F. (1972). Comparative Dietary Toxicities of Pesticides to Birds. *U.S.Bureau of Sport Fisheries and Wildlife.Special Scientific Report-Wildlife No.152* 57 p.

EcoReference No.: 35214

Chemical of Concern:

AZ,TMP,AND,AMTL,ATZ,PPX,Captan,CHL,CHD,TCF,24DXY,DDT,24DB,DDVP,DEM,DEZ,DBN,DCF,DLD,DS,DU,CU,CPY,DMT,SZ,FNF,ES,EN,TXP,FNT,FNTH,AZ,HPT,PSM,HCCH,MLN,MCPB,MTA,S,MOM,MXC,MP,MRX,Nabam,Naled,OXC,PRN,PCP,PRT,PSM,PPHD,PCL,TFM,THM,PPG,CMPH,OXD,DZ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,PRT,PPG,PSM,DS,CBL,DZ,ATZ,SZ,DMT,MLN,MP,Captan,Naled,CMPH,TMP,OXD,CPY,EP,DU,DDVP,TCF,ES,FNT,DCF).

Henson-Ramsey, H., Kennedy-Stoskopf, S., Levine, J., Shea, D., Taylor, S., and Stoskopf, M. K. (2007). A Comparison of Two Exposure Systems to Apply Malathion to *Lumbricus terrestris* L. *Bull.Environ.Contam.Toxicol.* 78: 427-431.

EcoReference No.: 98026

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: LITE EVAL CODED(MLN).

Henson-Ramsey, H., Kennedy-Stoskopf, S., Levine, J. F., Taylor, S. K., Shea, D., and Stoskopf, M. K. (2008). Acute Toxicity and Tissue Distributions of Malathion in *Ambystoma tigrinum*. *Arch.Environ.Contam.Toxicol.* 55: 481-487.

EcoReference No.: 104557

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,BCM; Code: LITE EVAL CODED(MLN).

Henson-Ramsey, H., Shea, D., Levine, J. F., Kennedy-Stoskopf, S., Taylor, S. K., and Stoskopf, M. K. (2008). Assessment of the Effect of Varying Soil Organic Matter Content on the Bioavailability of Malathion to the Common Nightcrawler, *Lumbricus terrestris* L. *Bull.Environ.Contam.Toxicol.* 80: 220-224.

EcoReference No.: 104629

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,ACC; Code: LITE EVAL CODED(MLN).

Hirvonen, M. R., Paljarvi, L., and Savolainen, K. M. (1993). Malaoxon-Induced Neurotoxicity in Old Rats: Alterations in Cerebral Inositol Lipid Signalling, Brain Tissue Calcium Levels and Early Neuronal Injury. *Toxicology* 79: 157-167.

EcoReference No.: 94529

Chemical of Concern: MLO; Habitat: T; Effect Codes: BCM,MOR,BEH,CEL; Code: LITE EVAL CODED(MLO).

Holem, R. R., Hopkins, W. A., and Talent, L. G. (2008). Effects of Repeated Exposure to Malathion on Growth, Food Consumption, and Locomotor Performance of the Western Fence Lizard (*Sceloporus occidentalis*) . *Environ.Pollut.* 152: 92-98.

EcoReference No.: 104558

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,PHY,BEH; Code: LITE EVAL CODED(MLN).

Hopkins, A. R. and Kirk, V. M. (1957). Effect of Several Insecticides on the English Red Worm. *J.Econ.Entomol.* 50: 699-700.

EcoReference No.: 65295

Chemical of Concern: TXP,DLD,EN,HCCH,AZ,HPT,DDT,MLN,AND; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(MLN,AZ).

Hoque, M. M., Nahar, Z., and Hossain, M. A. (2000). Toxicity of Malathion to Silver Barb (*Barbodes gonionotus* Bleeker) Fingerlings. *Bangladesh J.Fish.Res.* 4: 101-104.

EcoReference No.: 104758

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Hudson, R. H., Tucker, R. K., and Haegle, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resour.Publ.No.153, Fish Wildl.Serv., 2nd Edition, U.S.D.I., Washington, DC* 90 p.

EcoReference No.: 50386

Chemical of Concern:

ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,BFL,BTY,Captan,CBL,CBF,CHD,CPP,CQT C,CPYM,CMPH,CZE,24D,DCNA,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DFZ,DINO,DLD,DMT,DQTB,DS,DU,ES,EDT,EN,EP,ETN,FMP,FNT,FNTH,FMU,FO,Folpet,FNF,HPT,PSM,HCCH,MLN,MDT,MCB,MOM,MTM,MTPN,MXC,MP,MVP,MRX,NaFA,NABAM,Naled,OXD,PMA,PNB,PPHD,PPX,PQT,PRN,PCP,PNB,PRT,PCL,PSM,PYT,RSM,RTN,STAR,STCH,TBF,TCDD,TFM,T1,TMP,TZL,TVP,TZL,THM,TXP,TCF,TFN,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACL,ACR,ADC,ATN,BTY,Captan,CQTC,TBF,DBN,DLN,DCF,DFZ,DINO,DQTB,CPYM,ES,FNT,FO,MCB,MLN,MOM,MP,MVP,PQT,TCF,TFN,24D,CPY,DS,PSM,ATZ,DU,MDT,PRT,RTN,EP,DZ,TMP,CMPH,DCTP,TVPM,FMP,MTM,ACP,Naled,DDVP,DMT,AZ,CBF),OK(ACP,ATN,BTY,CBL,DFZ,Folpet,TBF,MTPN,OXD,PCP,RSM,STCH,TEPP,THM,ZnP).

Husain, K. and Ansari, R. A. (1990). Effectiveness of Certain Drugs in Acute Malathion Intoxication in Rats. *Ecotoxicol.Environ.Saf.* 19: 271-275.

EcoReference No.: 88915

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Husain, K., Ansari, R. A., and Gupta, P. K. (1987). Effect of Sub-Chronic Exposure of Malathion on Blood and Tissue Enzyme Activities in Female Rats. *J.Environ.Biol.* 8: 137-142.

EcoReference No.: 88916

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Imamura, T., Gandy, J., Fukuto, T. R., and Talbot, P. (1983). An Impurity of Malathion Alters the Morphology of Rat Lung Bronchiolar Epithelium. *Toxicology* 26: 73-79.

EcoReference No.: 94772

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,MOR,GRO,PHY; Code: LITE EVAL CODED(MLN).

James, D. G. (1989). Effect of Pesticides on Survival of *Amblyseius victoriensis* (Womersley), an Important Predatory Mite in Southern New South Wales Peach Orchards. *Plant Prot.Q.* 4: 141-143.

EcoReference No.: 89784

Chemical of Concern:

PIM,Zineb,CBD,MZB,BMY,AZ,CBL,PSM,MLN,ES,CTZ,HTX,OTQ,PPG,DCF,IPD,CTN; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED(CBL,PSM,MLN,ES,DCF,BMY,IPD,CTN,MZB,CBD),OK(Zineb,CTZ,OTQ,PPG),TARGET(AZ,PIM,HTX,DCF).

Jebakumar, S. R. D. and Jayaraman, J. (1988). Changes in Protein, Lipid and Carbohydrate Content in the Fresh Water Fish *Lepidocephalichthys thermalis* During Short-Term Sublethal Exposure of Malathion. *Ann.Zool.* 26: 83-93.

EcoReference No.: 17207

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM,ACC; Code: LITE EVAL CODED(MLN).

Jensen, T., Lawler, S. P., and Dritz, D. A. (1999). Effects of Ultra-low Volume Pyrethrin, Malathion, and Permethrin on Nontarget Invertebrates, Sentinel Mosquitoes, and Mosquitofish in Seasonally Impounded Wetlands. *J.Am.Mosq.Control Assoc.* 15: 330-338.

EcoReference No.: 62233

Chemical of Concern: MLN,PYN; Habitat: AT; Effect Codes: MOR,POP; Code: LITE EVAL CODED(MLN),NO COC(PMR).

John, S., Kale, M., Rathore, N., and Bhatnagar, D. (2001). Protective Effect of Vitamin E in Dimethoate and Malathion Induced Oxidative Stress in Rat Erythrocytes. *J.Nutr.Biochem.* 12: 500-504.

EcoReference No.: 75335

Chemical of Concern: DMT,MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN,DMT).

Kalow, W. and Marton, A. (1961). Second-Generation Toxicity of Malathion in Rats. *Nature* 192: 464-465.

EcoReference No.: 104601

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,GRO,PHY,REP,MOR; Code: LITE EVAL CODED(MLN).

Kaskhedikar, P. and Singh, R. P. (1994). Effect of Malathion Exposure on the Worm Burden of Mice During Experimental *Hymenolepis nana* Infection. *J.Environ.Biol.* 15: 199-202.

EcoReference No.: 89116

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(MLN).

Ketterman, A. J., Pond, S. M., and Becker, C. E. (1987). The Effects of Differential Induction of Cytochrome P-450, Carboxylesterase and Glutathione S-Transferase Activities on Malathion Toxicity in Mice. *Toxicol.Appl.Pharmacol.* 87: 389-392.

EcoReference No.: 88919

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,BEH,MOR; Code: LITE EVAL CODED(MLN).

Key, P. B. (1996). The Lethal and Sublethal Effects of Malathion, Azinphosmethyl and Chlorpyrifos Exposure on the Grass Shrimp, *Palaemonetes pugio*, with Emphasis on Larval Life Cycle Pulse Exposures. *Ph.D.Thesis, Univ.of South Carolina, Columbia, SC* 124 p.

EcoReference No.: 72741

Chemical of Concern: AZ,MLN,CPY; Habitat: A; Effect Codes: MOR,GRO,BCM; Code: LITE EVAL CODED(CPY,AZ,MLN).

Key, P. B. and Fulton, M. H. (2006). Correlation Between 96-h Mortality and 24-h Acetylcholinesterase Inhibition in Three Grass Shrimp Larval Life Stages. *Ecotoxicol.Environ.Saf.* 63: 389-392.

EcoReference No.: 92616

Chemical of Concern: MLN,AZ,CPY; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL

CODED(CPY,AZ,MLN).

Khan, A. A., Haque, N., and Khan, R. R. (1993). Effect of Malathion on *Daphnia magna* Under Laboratory Conditions. *Indian J.Environ.Health* 35: 333-337.

EcoReference No.: 94536

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,REP; Code: LITE EVAL CODED(MLN).

Khattab, A. D. and Ali, I. S. (2007). Immunoassays for Avian Butyrylcholinesterase: Implications for Ecotoxicological Testing and Clinical Biomonitoring. *Environ.Toxicol.Pharmacol.* 24: 275-285.

EcoReference No.: 104184

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Khattab, A. D., Walker, C. H., Johnston, G., Siddiqui, M. K., and Saphier, P. W. (1994). An ELISA Assay for Avian Serum Butyrylcholinesterase: A Biomarker for Organophosphates. *Environ.Toxicol.Chem.* 13: 1661-1667.

EcoReference No.: 98064

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN).

Kikuchi, M., Sasaki, Y., and Wakabayashi, M. (2000). Screening of Organophosphate Insecticide Pollution in Water by Using *Daphnia magna*. *Ecotoxicol.Environ.Saf.* 47: 239-245.

EcoReference No.: 96171

Chemical of Concern: BPZ,CBL,PIRM,FNTH,MLN,IFP,FNT,DDVP,DZ,CPYM,CPY; Habitat: A; Effect Codes: PHY; Code: LITE EVAL CODED(CPY,CPYM,MLN),NO PUBL AS(DZ,DDVP,FNT).

Kim, D. G. and Riggs, R. D. (1998). Effects of Some Pesticides on the Growth of ARF18 and Its Pathogenicity to *Heterodera glycines*. *J.Nematol.* 30: 201-205.

EcoReference No.: 70527

Chemical of Concern: FPP,KFAT,DZ,TPM,MYC,MZB,FML,DLN,CTN,PNB,SXD,CBL,DCNA,MLN,CHX,DCF,GYPI,PAQT,TFN,ADC; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(DZ,DCNA,SXD,CBL,GYPI,MLN).

Kowsalya, T., Rao, K. S. P., and Rao, K. V. R. (1987). Effect of Malathion on Some Kinesiological Parameters of the Gastrocnemius Muscle of Frog, *Rana hexadactyla* (Lesson) and the Antagonistic Action of Atropine. *Toxicol.Lett.* 39: 215-221 .

EcoReference No.: 88913

Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY; Code: LITE EVAL CODED(MLN).

Krause, W. (1977). Influence of DDT, DDVP and Malathion on FSH, LH and Testosterone Serum Levels and Testosterone Concentration in Testis. *Bull.Environ.Contam.Toxicol.* 18: 231-242.

EcoReference No.: 104542

Chemical of Concern: DDVP,DDT,MLN; Habitat: T; Effect Codes: CEL,BCM,GRO; Code: LITE EVAL CODED(DDVP,MLN).

Kulkarni, A. P., Fabacher, D. L., and Hodgson, E. (1980). Pesticides as Inducers of Hepatic Drug-Metabolizing Enzymes - II. Glutathione S-Transferases. *Gen.Pharmacol.* 11: 437-441.

EcoReference No.: 92613

Chemical of Concern: TBF,TFN,ES,CHD,MLN,CPY,PPB,24D,PMR,TVP; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(PMR,CPY,24D,ES,MLN,TBF),OK(PPB,TVP).

Kulkarni, B. G. (1988). ATPase Activity in the Tissues and Blood of the Crab *Scylla serrata* (Forsk.) Exposed to Malathion. *Natl.Acad.Sci.Lett.* 11: 197-199.

EcoReference No.: 3251

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Kurtz, P. J. (1977). Dissociated Behavioral and Cholinesterase Decrements Following Malathion Exposure. *Toxicol.Appl.Pharmacol.* 42: 589-594.

EcoReference No.: 37614

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,BCM; Code: LITE EVAL CODED(MLN).

Lagunes Tejeda, A. (1980). Impact of the Use of Mixtures and Sequences of Insecticides in the Evolution of Resistance in *Culex quinquefasciatus* Say (Diptera: Culicidae). *Ph.D.Thesis, Univ.of California, Riverside*, CA 229 p.

EcoReference No.: 103909

Chemical of Concern: DLD,DDT,FNTH,TMP,PMR,MLN,CPY,PPX; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN),OK(TMP,PMR,CPY,PPX).

Lasram, M. M., Annabi, A. B., Elj, N. E., Selmi, S., Kamoun, A., El-Fazaa, S., and Gharbi, N. (2008). Metabolic Disorders of Acute Exposure to Malathion in Adult Wistar Rats. *J.Hazard Mater.* PRESS: 19 p.

EcoReference No.: 104185

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Lasram, M. M., Annabi, A. B., Rezg, R., Elj, N., Slimen, S., Kamoun, A., El-Fazaa, S., and Gharbi, N. (2008). Effect of Short-Time Malathion Administration on Glucose Homeostasis in Wistar Rat. *Pestic.Biochem.Physiol.* PRESS: 6 p.

EcoReference No.: 104186

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Lehtonen, K. K. and Leinio, S. (2003). Effects of Exposure to Copper and Malathion on Metallothionein Levels and Acetylcholinesterase Activity of the Mussel *Mytilus edulis* and the Clam *Macoma balthica* from the Northern Baltic Sea. *Bull.Environ.Contam.Toxicol.* 71: 489-496.

EcoReference No.: 71688

Chemical of Concern: CuCl,MLN; Habitat: A; Effect Codes: BCM,PHY; Code: LITE EVAL CODED(CuCl,MLN).

Leonova, I. N. and Slynko, N. M. (1996). Comparative Study of Insecticide Susceptibility and Activities of Detoxification Enzymes in Larvae and Adults of Cotton Bollworm, *Heliothis armigera*. *Arch.Insect Biochem.Physiol.* 32: 157-172.

EcoReference No.: 103049

Chemical of Concern: MPO,MLO,FNV,PMR,ES,CBL,SPS,PHSL,DZ,MP,PPB,TBF,CPMR,MLN; Habitat: T; Effect Codes: MOR,BCM,ACC; Code: LITE EVAL CODED(MLN,DZ,MP,ES),OK(CPMR,CBL,PMR,FNV,SPS,PHSL),NO IN VITRO(MLO,MPO),NO MIXTURE(TBF,PPB).

Lien, N. T. H., Adriaens, D., and Janssen, C. R. (1997). Morphological Abnormalities in African Catfish (*Clarias gariepinus*) Larvae Exposed to Malathion. *Chemosphere* 35: 1475-1486.

EcoReference No.: 88998

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,CEL; Code: LITE EVAL CODED(MLN).

Lingappa, S., Jagadish, A., Shivaramu, K., and Prabhuswamy, H. P. (1985). Relative Intrinsic Toxicity of Seven Insecticides to Foragers of the Indian Hive Bee, *Apis cerana indica* F. *Insect Sci.Appl.* 6: 567-568.

EcoReference No.: 94337

Chemical of Concern: ES,FNV,MLN,DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ES,FNV,DM,MLN).

Liu, H., Cupp, E. W., Guo, A., and Liu, N. (2004). Insecticide Resistance in Alabama and Florida Mosquito Strains of *Aedes albopictus*. *J.Med.Entomol.* 41: 946-952.

EcoReference No.: 99823

Chemical of Concern: SS,PMR,DM,CPY,MLN,PPX,IMC; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(SS,PMR,DM,CPY,MLN,PPX,IMC).

Ma, T. H., Harris, M. M., Anderson, V. A., Ahmed, I., Mohammad, K., Bare, J. L., and Lin, G. (1984). Tradescantia-Micronucleus (Trad-MCN) Tests on 140 Health-Related Agents. *Mutat.Res.* 138: 157-167.

EcoReference No.: 101595

Chemical of Concern:

SAC,ZnCl,SO2,NaNO3,NaBS,CaPR,PPA,BAP,DNT,EDB,NaN3,ETHN,CdS,CaCl2,CrAC,Na3C,FML,Pb AC,PbN,MnCl,HgCl2,K2Cr04,ATZ,CZE,DMT,DMB,DDVP,24D,MTL,MLH,MLN,DCB,CBL,SZ,PRT,P CL; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(Na3C,PPA,CaPR,DMT,DDVP,ATZ,MLN),TARGET(ZnCl,24D).

Macieira, O. J. D. and Hebling-Beraldo, M. J. A. (1989). Laboratory Toxicity of Insecticides to Workers of *Trigona spinipes* (F., 1793) (Hymenoptera, Apidae). *J.Apic.Res.* 28: 3-6.

EcoReference No.: 51755

Chemical of Concern: PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLD,HPT,ES,CYP,PMR,FNV; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLD,CYP,PMR,FNV,ES).

Mane, U. H. and Muley, D. V. (1990). Changes in Neurosecretory Cells of the Central Ganglia of the Bivalves *Lamellidens corrianus* and *L. marginalis* in Different Seasons on Exposure to Cythion-Malathion. *Environ.Ecol.* 8: 705-712.

EcoReference No.: 88989

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: LITE EVAL CODED(MLN).

Mani, M. (1994). Relative Toxicity of Different Pesticides to *Campoletis chloridae* Uchida (Hym., Ichneumonidae). *J.Biol.Control* 8: 18-22.

EcoReference No.: 62600

Chemical of Concern:

Zineb,DINO,DCF,CU,ES,MOM,CBL,FNV,PHSL,CYP,DM,DMT,MLN,CPY,MP,FNTH,DDVP,PPHD,F VL,ACP,MZB,CBD; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CTN,MZB,DCF,ES,DDVP,MLN,MP,CBD),OK(MOM,CBL,FNV,CYP,DM,DMT,CPY,FVL,ACP),TARGET(DCF).

Mani, M. and Krishnamoorthy, A. (1997). Effects of Different Pesticides upon the Wax Scale Parasitoid, *Anicetus ceylonensis* How. (Hym.: Encyrtidae). *Int.J.Pest Manag.* 43: 123-126.

EcoReference No.: 62599

Chemical of Concern:

TPM,Captan,Ziram,DINO,CTN,Zineb,SFR,MZB,CBD,DCF,DDVP,ES,MP,DMT,CPY,ACP,MLN,FNV,P
HSL,CYP,CBL,FNTH,DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL
CODED(DMT,ACP,MP,DDVP,MLN,ES,DCF,CBD,SFR,Ziram),OK(Captan,CTN,MZB),TARGET(CBL,
CYP,FNV,CPY).

Mani, M. and Krishnamoorthy, A. (1990). Further Studies on the Safety of Pesticides to *Anagyrus dactylopii* (Hym., Encyrtidae) and *Cryptolaemus montrouzieri* (Coleop., Coccinellidae). *J.Biol.Control* 4: 80-85.

EcoReference No.: 97981

Chemical of Concern: MDR,Ziram,TDF,HCZ,MLX,MZB,TFR,DINO,ES,MLN,CBL,FSTAL,FNTH;

Habitat: T; Effect Codes: MOR; Code: LITE EVAL

CODED(FSTAL,ES,CBL,MLN,Ziram),OK(TDF,TFR),NO MIXTURE(MZB).

Manna, G. K. and Mukherjee, P. K. (1986). Effect of Organophosphate Insecticide 'Malathion' on Chromosome, Cell Division and Total Muscle Proteins of the Cichlid Fish, Tilapia. In: *G.K.Manna and U.Sinha (Eds.), Perspectives in Cytology and Genetics, Proc.5th All-India Congress of Cytology and Genetics, AICCG Publ., Kalyani* 225-235.

EcoReference No.: 13920

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Mansour, S. A. and Hassan, T. M. (1993). Pesticides and Daphnia. 3. An Analytical Bioassay Method, Using *Ceriodaphnia quadrangula*, for Measuring Extremely Low Concentrations of Insecticides in Waters. *Int.J.Toxicol.Occup.Environ.Health* 2: 34-39.

EcoReference No.: 100963

Chemical of Concern: FNV,DCM,CYP,CYF,PFF,MOM,FPP,CPY,CBL,PIM,MTM,MLN,DMT,DFZ,AZ;

Habitat: A; Effect Codes: MOR; Code: LITE EVAL

CODED(PFF,CPY,MTM,AZ,DMT,MLN,PIM,DFZ,FPP,CBL,MOM,FNV),OK(CYP,CYF).

Mason, C. E. (1986). Progression of Knockdown and Mortality of Honey Bees (Hymenoptera: Apidae) Sprayed with Insecticides Mixed with Pennacp-M. *Environ.Entomol.* 15: 170-176.

EcoReference No.: 40005

Chemical of Concern: CBL,MLN,MOM,MP,OML,PHSL,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,OML,PMR,MP),OK(MOM,CBL).

Masoodi, M. A., Bhat, A. M., and Koul, V. K. (1988). Toxicity of Insecticide to Adults of *Encarsia* (= *Prospaltella*) *perniciosa* (Hymenoptera: Aphelinidae). *Indian J.Agric.Sci.* 59: 50-52.

EcoReference No.: 93336

Chemical of Concern: FNT,ES,FNV,MLN,PPHD,CBL,PHSL,DMT,DDVP,CPY; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(FNT,MLN,CBL,DDVP,CPY,ES,DMT,FNV).

Matin, M. A. and Hussain, K. (1984). The Effect of Certain Drugs on Glycogen and Acetylcholine Levels in Cerebral and Peripheral Tissues in Rats with Malathion Induced Hyperglycaemia. *Arh.Hig.Rad.Toksikol.* 35 : 325-332.

EcoReference No.: 95592

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Maul, J. D., Farris, J. L., and Lydy, M. J. (2006). Interaction of Chemical Cues from Fish Tissues and Organophosphorous Pesticides on *Ceriodaphnia dubia* Survival. *Environ.Pollut.* 141: 90-97.

EcoReference No.: 95923

Chemical of Concern: DCTP,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(DCTP,MLN).

McCarthy, I. D. and Fuiman, L. A. (2008). Growth and Protein Metabolism in Red Drum (*Sciaenops ocellatus*) Larvae Exposed to Environmental Levels of Atrazine and Malathion. *Aquat.Toxicol.* 88: 220-229.

EcoReference No.: 103059

Chemical of Concern: MLN,ATZ; Habitat: A; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(ATZ,MLN).

Mekuria, Y., Williams, D. C., Hyatt, M. G., Zack, R. E., and Gwinn, T. A. (1994). Malathion Resistance in Mosquitoes from Charleston and Georgetown Counties of Coastal South Carolina. *J.Am.Mosq.Control Assoc.* 10: 56-63.

EcoReference No.: 103661

Chemical of Concern: PMR,PPX,FNT,MLN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(FNT,MLN),OK(PPX,PMR).

Menzer, R. E. and Best, N. H. (1968). Effect of Phenobarbital on the Toxicity of Several Organophosphorus Insecticides. *Toxicol.Appl.Pharmacol.* 13: 37-42.

EcoReference No.: 101465

Chemical of Concern: DCTP,PPHD,DMT,MLN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DCTP,PPHD,DMT,MLN).

Mohammad, F. K., Alias, A. S., Faris, G. A. M., and Al-Baggou, B. K. (2007). Application of an Electrometric Method for Measurement of Blood Cholinesterase Activities in Sheep, Goats and Cattle Treated with Organophosphate Insecticides. *J.Vet.Med.A* 54: 140-143.

EcoReference No.: 100491

Chemical of Concern: DZ,MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN,DZ).

Mohsen, Z. H., Ouda, N. A., Al-Faisal, A. H., and Mehdi, N. S. (1985). Toxicity of Mosquito Larvicides to Backswimmer *Anisop sardea* H.S. (Hemiptera: Notonectidae) and Dragonfly *Corcothemt erythraea* Brulle (Odonata: Libellulidae). *J.Biol.Sci.Res.* 16: 273-282.

EcoReference No.: 89593

Chemical of Concern: PMR,DDT,MLN,TMP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(PMR,DDT,TMP,MLN).

Moser, V. C., Casey, M., Hamm, A., Carter, W. H. Jr., Simmons, J. E., and Gennings, C. (2005). Neurotoxicological and Statistical Analyses of a Mixture of Five Organophosphorus Pesticides Using a Ray Design. *Toxicol.Sci.* 86: 101-115.

EcoReference No.: 80609

Chemical of Concern: ACP,DZ,MLN,DMT; Habitat: T; Effect Codes: MOR,BCM,BEH; Code: LITE EVAL CODED(ACP,DZ,DMT,MLN).

Mote, U. N. (1976). Phytotoxicity of Modern Insecticides to Cucurbits. *J.Maharashtra Agric.Univ.* 1: 39-42.

EcoReference No.: 101461

Chemical of Concern: DMT,PPHD,PHSL,EN,PRN,ES,FNT,FNTH,MLN,DDVP,CBL,TCF,HCCH,TXP,DCTP; Habitat: T;

Effect Codes: PHY; Code: LITE EVAL CODED(DMT,MLN,DCTP,TCF,DDVP,ES,FNT,CBL).

Mote, U. N. and Kadam, J. R. (1984). Chemical Control of Sorghum Earhead Hairy Caterpillar, *Euproctis subnotata* WLK. *Indian J.Plant Prot.* 12: 147-148.

EcoReference No.: 92543

Chemical of Concern: CBL,MLN,ES,CPY,EFV,HCCH; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,EFV,ES),TARGET(CBL,CPY).

Mukhopadhyay, A. K., Patnaik, S. K., and Babu, P. S. (2006). Susceptibility Status of Some Culicine Mosquitoes to Insecticides in Rajahmundry Town of Andhra Pradesh, India. *J.Vector Borne Dis.* 43: 39-41.

EcoReference No.: 100982

Chemical of Concern: DDT,MLN,TMP,FNTH,FNT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,MLN,FNT).

Mukhopadhyay, A. K., Sinha, S. N., Yadav, R. L., and Narasimham, M. V. V. L. (1993). Susceptibility Status of *Culex quinquefasciatus* in Patna to Insecticides. *Indian J.Public Health* 37: 57-60.

EcoReference No.: 104073

Chemical of Concern: PMR,PPX,MLN,TMP,FNT,FNTH; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,TMP,FNT),TARGET(PPX,PMR).

Murphy, S. D., Cheever, K. L., Chow, A. Y. K., and Brewster, M. (1976). Organophosphate Insecticide Potentiation by Carboxylesterase Inhibitors. *Proc.Eur.Soc.Toxicol.* 17: 292-300.

EcoReference No.: 93243

Chemical of Concern: MLN,MLO,AZ,MP,PRN,MPO,TBF; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(AZ,MLN,MLO,MP,MPO),OK(PRN),NO ENDPOINT(TBF).

Nation, J. L., Robinson, F. A., Yu, S. J., and Bolten, A. B. (1986). Influence Upon Honeybees of Chronic Exposure to Very Low Levels of Selected Insecticides in Their Diet. *J.Aplic.Res.* 25: 170-177.

EcoReference No.: 95956

Chemical of Concern: DFZ,MXC,CBL,MLN,PMR; Habitat: T; Effect Codes: BCM,BEH,POP; Code: LITE EVAL CODED(PMR,MLN),OK(CBL).

National Cancer Institute (1979). Bioassay of Malathion for Possible Carcinogenicity. *DHEW Publ.(NIH) No.79-1748, NCI Tech.Rep.No.192, Natl.Cancer Inst., Bethesda, MD* 102 p.

EcoReference No.: 91065

Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY,MOR,GRO,CEL; Code: LITE EVAL CODED(MLN).

Nazer, I. K., Archer, T. E., Gary, N. E., and Marston, J. (1974). Honeybee Pesticide Mortality: Intoxication Versus Acetylcholinesterase Concentration. *J.Aplic.Res.* 13: 55-60.

EcoReference No.: 94537

Chemical of Concern: MLO,MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN,MLO).

Nguyen, L. T. H. and Janssen, C. R. (2001). Comparative Sensitivity of Embryo-Larval Toxicity Assays with African Catfish (*Clarias gariepinus*) and Zebra Fish (*Danio rerio*). *Environ.Toxicol.* 16: 566-571.

EcoReference No.: 68928

Chemical of Concern: K2Cr2O7,MLN,CdCl,ZnS,NaPCP; Habitat: A; Effect Codes: MOR,GRO; Code:

LITE EVAL CODED(K₂Cr₂,MLN,CdCl,ZnS,NaPCP).

Noetzel, D. N. and Warnes, D. (1994). Efficacy Comparison of Some new Materials for Aphid Control in Small Grain, 1993. *Arthropod Manag.Tests* 19: 295 (161F).

EcoReference No.: 99569

Chemical of Concern: CPY,MLN,DS,MP,DMT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MLN,DMT,DS,MP,CPY).

Ocampo, C. B., Brogdon, W. G., Orrego, C. M., Toro, G., and Montoya-Lerma, J. (2000). Insecticide Susceptibility in *Anopheles pseudopunctipennis* from Colombia: Comparison Between Bioassays and Biochemical Assays. *J.Am.Mosq.Control Assoc.* 16: 331-338 .

EcoReference No.: 99596

Chemical of Concern: PPX,PMR,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(PMR,MLN),OK(PPX).

Olvera-Hernandez, E., Martinez-Tabche, L., and Martinez-Jeronimo, F. (2004). Bioavailability and Effects of Malathion in Artificial Sediments on *Simocephalus vetulus* (Cladocera: Daphniidae). *Bull.EnvIRON.Contam.Toxicol.* 73: 197-204.

EcoReference No.: 104624

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC,BCM; Code: LITE EVAL CODED(MLN).

Omkar (1991). Malathion Induced Changes in the Carbohydrate Metabolism of Freshwater Prawn, *Macrobrachium lamarrei* (H. Milne Edwards). *Biol.Mem.* 17: 111-115.

EcoReference No.: 91346

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Pal, A. K., Kushwah, A., and Kushwah, H. S. (1991). Impact of Malathion Dipping on Some Carbohydrate Constituents in Poultry Birds. *Indian Vet.Med.J.* 15: 104-107.

EcoReference No.: 95593

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Pal, A. K. and Kushwah, H. S. (1996). Impact of Malathion Dipping on the Lipid Pattern of Kidney in Poultry. *Indian Vet.J.* 73: 931-934.

EcoReference No.: 91030

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Pascual, J. A. (1994). No Effects of a Forest Spraying of Malathion on Breeding Blue Tits (*Parus caeruleus*). *Environ.Toxicol.Chem.* 13: 1127-1131.

EcoReference No.: 39598

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,POP,REP; Code: LITE EVAL CODED(MLN).

Patel, B. J. and Kaul, P. L. (1992). Hyperglycaemia in Malathion Induced Toxicity in Kankrej Calves. *Indian Vet.J.* 69: 301-304.

EcoReference No.: 89049

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN).

Patil, B. D. and Pokharkar, R. N. (1977). Residual Toxicity of Some of the Commonly Used Insecticides to the First Instar Larvae of Spotted Bollworm (*Earias vitella* Stoll). *J.Maharashtra Agric.Univ.* 2: 252-256.

EcoReference No.: 53018

Chemical of Concern: CBL,ES,DDT,TXP,EN,MLN,FNT; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ES,MLN,FNT,CBL),TARGET(EN),NO MIXTURE(DDT,TXP).

Patnaik, H. K. and Dash, M. C. (1993). Activity of Gut Enzymes in Three Tropical Grassland Earthworm Species Exposed to Sub-Lethal Malathion Suspension. *Bull.EnvIRON.Contam.Toxicol.* 51: 780-786.

EcoReference No.: 88954

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Peiris, H. T. R. and Hemingway, J. (1990). Temephos Resistance and the Associated Cross-Resistance Spectrum in a Strain of *Culex quinquefasciatus* Say (Diptera: Culicidae) from Peliyagoda, Sri Lanka. *Bull.Entomol.Res.* 80: 49-55.

EcoReference No.: 100276

Chemical of Concern: PMR,BDC,PPX,FNT,PIRM,PRN,MLN,CPY,FNTH,TMP; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(PMR,MLN,CPY,TMP,PIRM,FNT).

Perviz, D. A. and Rajyasree, M. (1993). Effect of Malathion on Acetylcholinesterase Activity of Swiss Albino Mice. *Environ.Ecol.* 11: 691-692.

EcoReference No.: 89115

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Perviz, D. A. and Rajyasree, M. (1993). Effect of Organophosphorus Compound on Nitrogenous End Product of Swiss Albino Mice. *Environ.Ecol.* 11: 988-990.

EcoReference No.: 39662

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Pewnim, T. and Seifert, J. (1993). Structural Requirements for Altering the L-Tryptophan Metabolism in Mice by Organophosphorous and Methylcarbamate Insecticides. *Eur.J.Pharmacol.Environ.Toxicol.Pharmacol.Sect.* 248: 237-241.

EcoReference No.: 101024

Chemical of Concern: TCF,CPYM,MLN,DZ,PIRM,DCTP,MP,PFF,EPRN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(DZ,PFF,CPYM,DCTP,TCF,MLN,MP),OK(PIRM).

Ponlawat, A., Scott, J. G., and Harrington, L. C. (2005). Insecticide Susceptibility of *Aedes aegypti* and *Aedes albopictus* Across Thailand. *J.Med.Entomol.* 42: 821-825 .

EcoReference No.: 99822

Chemical of Concern: MLN,PMR,TMP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,PMR,TMP).

Poopathi, S., Arunachalam, N., Gopalan, N., Baskaran, G., and Mani, T. R. (2001). Resistance to Malathion in *Culex quinquefasciatus* Say (Diptera: Culicidae) from Madurai, South India. *Insect Sci.Appl.* 21: 251-255.

EcoReference No.: 82047

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Possamai, F. P., Fortunato, J. J., Feier, G., Agostinho, F. R., Quevedo, J., Wilhelm Filho, D., and Dal-Pizzol, F. (2007). Oxidative Stress After Acute and Sub-chronic Malathion Intoxication in Wistar Rats.

Environ.Toxicol.Pharmacol. 23: 198-204 .

EcoReference No.: 104187

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY; Code: LITE EVAL CODED(MLN).

Pournourmohammadi, S., Ostad, S. N., Azizi, E., Ghahremani, M. H., Farzami, B., Minaie, B., Larijani, B., and Abdollahi, M. (2007). Induction of Insulin Resistance by Malathion: Evidence for Disrupted Islets Cells Metabolism and Mitochondrial Dysfunction. *Pestic.Biochem.Physiol.* 88: 346-352.

EcoReference No.: 99697

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,GRO; Code: LITE EVAL CODED(MLN).

Powell, J. E., King, E. G. Jr., and Jany, C. S. (1986). Toxicity of Insecticides to Adult *Microplitis croceipes* (Hymenoptera: Braconidae). *J.Econ.Entomol.* 79: 1343-1346.

EcoReference No.: 91911

Chemical of Concern: SPS,FYT,FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM; Habitat: T; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(SPS,FYT,FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM).

Prabhakaran, S., Shameem, F., and Devi, K. S. (1993). Influence of Protein Deficiency on Hexachlorocyclohexane and Malathion Toxicity in Pregnant Rats. *Vet.Hum.Toxicol.* 35: 429-433.

EcoReference No.: 94769

Chemical of Concern: MLN,HCCH; Habitat: T; Effect Codes: BEH,GRO,REP,MOR,BCM; Code: LITE EVAL CODED(MLN).

Prakash, N., Narayana, K., Murthy, G. S., Moudgal, N. R., and Honnegowda (1992). The Effect of Malathion, an Organophosphate, on the Plasma FSH, 17beta-Estradiol and Progesterone Concentrations and Acetylcholinesterase Activity and Conception in Dairy Cattle. *Vet.Hum.Toxicol.* 34: 116-119.

EcoReference No.: 89139

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,REP; Code: LITE EVAL CODED(MLN).

Pree, D. J., Archibald, D. E., and Morrison, R. K. (1989). Resistance to Insecticides in the Common Green Lacewing *Chrysoperla carnea* (Neuroptera: Chrysopidae) in Southern Ontario. *J.Econ.Entomol.* 82: 29-34.

EcoReference No.: 103311

Chemical of Concern: DM,PMR,FNV,CYP,AZ,EPRN,CBL,MOM,PSM,TBF,PPB; Habitat: T; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(FNV,PSM,MLN,CBL,MOM),OK(PMR,CYP,AZ),NO MIXTURE(PPB,TBF),TARGET(DM).

Ram, S. and Gupta, M. P. (1975). Effect of Systematic Granular Insecticides on the Germination of Seeds of Forage Crops. *J.Entomol.* 37: 413-415.

EcoReference No.: 29591

Chemical of Concern: FNT,TCF,HCCH,MLN,DMT,DS,PRT,ES; Habitat: T; Effect Codes: REP; Code: LITE EVAL CODED(FNT,TCF,HCCH,ES,MLN,DMT,DS,PRT).

Rathman, R. J., Johnson, M. W., Tabashnik, B. E., and Spollen, K. M. (1995). Variation in Susceptibility to Insecticides in the Leafminer Parasitoid *Ganaspidium utilis* (Hymenoptera: Eucoilidae). *J.Econ.Entomol.* 88: 475-479.

EcoReference No.: 74128

Chemical of Concern: MOM,OML,PMR,MLN,FNV; Habitat: T; Effect Codes: MOR; Code: LITE

EVAL CODED(OML,MOM,PMR,MLN,FNV).

Rawat, R. R., Vaishampayan, S. M., and Veda, O. P. (1980). Evaluation of Effective and Economic Insecticides for the Control of Wheat Jassid *Empoasca nagpurensis* (Dist.) Infesting Wheat. *Pesticides* 14: 17-18.

EcoReference No.: 46274

Chemical of Concern: PHSL,FNT,FNTH,MLN,DDT; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Reddy, M. S., Jayaprada, P., and Rao, K. V. R. (1990). Impact of Methylparathion and Malathion on Cholinergic and Non-Cholinergic Enzyme Systems of Penaeid Prawn, *Metapenaeus monoceros*. *Biochem.Int.* 22: 769-780.

EcoReference No.: 89575

Chemical of Concern: MP,MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN,MP).

Reid, H. P., Ahokas, J. T., and Holdway, D. A. (1995). Use of Cyanazine and Malathion Pulse-Exposure Toxicity to Estimate the Age of Onset of Functional Liver Metabolism in Larval Australian Crimson-Spotted Rainbowfish (*Melanotaenia fluviatilis*). *Water Res.* 29: 2010-2013.

EcoReference No.: 15030

Chemical of Concern: MLN,CZE; Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(MLN),OK(CZE).

Ren, Z., Zha, J., Ma, M., Wang, Z., and Gerhardt, A. (2007). The Early Warning of Aquatic Organophosphorus Pesticide Contamination by On-Line Monitoring Behavioral Changes of *Daphnia magna*. *Environ.Monit.Assess.* 134: 373-383.

EcoReference No.: 104559

Chemical of Concern: MLN,TCF,PRN; Habitat: A; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(MLN,TCF,PRN).

Revanna, M. A., Vijayan, V. A., and Gowda, N. N. (1991). Larval Susceptibility Status of *Culex* (*Culex*) *gelidus* Theobald, Against Four Organophosphorus Compounds in Mysore City. *J.Comum.Dis.* 23: 202-203.

EcoReference No.: 94582

Chemical of Concern: FNT,FNTH,MLN,TMP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,FNT,MLN).

Reyes, J. G. G., Leyva, N. R., Millan, O. A., and Lazcano, G. A. (2002). Effects of Pesticides on DNA and Protein of Shrimp Larvae *Litopenaeus stylirostris* of the California Gulf. *Ecotoxicol.Environ.Saf.* 53: 191-195.

EcoReference No.: 73317

Chemical of Concern: DDT,AZ,PRN,CPY,MLN,ES,CBL,PMR; Habitat: A; Effect Codes: BCM,CEL,GRO; Code: LITE EVAL CODED(DDT,AZ,PRN,CPY,MLN,ES,CBL,PMR).

Rezg, R., Mornagui, B., El-Arbi, M., Kamoun, A., El-Fazaa, S., and Gharbi, N. (2006). Effect of Subchronic Exposure to Malathion on Glycogen Phosphorylase and Hexokinase Activities in Rat Liver Using Native PAGE. *Toxicology* 223: 9-14.

EcoReference No.: 89129

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,GRO,BEH; Code: LITE EVAL CODED(MLN).

Rezg, R., Mornagui, B., El-Fazaa, S., and Gharbi, N. (2008). Biochemical Evaluation of Hepatic Damage in

Subchronic Exposure to Malathion in Rats: Effect on Superoxide Dismutase and Catalase Activities Using Native PAGE. *C.R.Biol.* 331: 655-662.

EcoReference No.: 104493

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Rezg, R., Mornagui, B., El-Fazaa, S., and Gharbi, N. (2008). Caffeic Acid Attenuates Malathion Induced Metabolic Disruption in Rat Liver, Involvement of Acetylcholinesterase Activity. *Toxicology* 250: 27-31.

EcoReference No.: 104188

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Rezg, R., Mornagui, B., Kamoun, A., El-Fazaa, S., and Gharbi, N. (2007). Effect of Subchronic Exposure to Malathion on Metabolic Parameters in the Rat. *C.R.Biol.* 330: 143-147.

EcoReference No.: 104494

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Rodgers, K. E., Leung, N., Ware, C. F., Devens, B. H., and Imamura, T. (1986). Lack of Immunosuppressive Effects of Acute and Subacute Administration of Malathion on Murine Cellular and Humoral Immune Responses. *Pestic.Biochem.Physiol.* 25: 358-365 .

EcoReference No.: 94396

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,CEL,GRO; Code: LITE EVAL CODED(MLN).

Rodriguez, M. M., Bisset, J., De Fernandez, D. M., Lauzan, L., and Soca, A. (2001). Detection of Insecticide Resistance in *Aedes aegypti* (Diptera: Culicidae) from Cuba and Venezuela. *J.Med.Entomol.* 38: 623-628.

EcoReference No.: 66934

Chemical of Concern: TMP,FNTH,MLN,CPY,DM,LCYT,CYP,PIRM,PPB,TBF; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN,DM,CPY),OK(TMP,CYP,PPB,TBF).

Rodriguez, M. M., Bisset, J. A., and Fernandez, D (2007). Levels of Insecticide Resistance and Resistance Mechanisms in *Aedes aegypti* from Some Latin American Countries. *J.Am.Mosq.Control Assoc.* 23: 420-429.

EcoReference No.: 104492

Chemical of Concern: CYF,DM,TMP,FNTH,PIRM,FNT,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CYF,FNT,MLN,DM),OK(TMP).

Rosenbaum, E. A., De Castro, A. C., Gauna, L., and De d'Angelo, A. M. P. (1988). Early Biochemical Changes Produced by Malathion on Toad Embryos. *Arch.Environ.Contam.Toxicol.* 17: 831-835.

EcoReference No.: 89111

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,BCM,BEH; Code: LITE EVAL CODED(MLN).

Rosenheim, J. A. and Hoy, M. A. (1988). Sublethal Effects of Pesticides on the Parasitoid *Aphytis melinus* (Hymenoptera: Aphelinidae). *J.Econ.Entomol.* 81: 476-483 .

EcoReference No.: 93319

Chemical of Concern: CBL,CPY,DMT,MLN,MDT; Habitat: T; Effect Codes: MOR,REP,POP; Code: LITE EVAL CODED(MLN),OK(CBL,CPY,DMT).

Ruber, E. and Baskar, J. (1968). Sensitivities of Selected Microcrustacea to Eight Mosquito Toxicants. *In*:

Proc.N.J.Mosq.Exterm.Assoc. 55: 99-103.

EcoReference No.: 15690

Chemical of Concern: TMP,DDT,CPY,MLN,CBL; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,MLN),OK(TMP,CBL).

Salazar, Z., Ducolomb, Y., Betancourt, M., Bonilla, E., Cortes, L., Hernandez-Hernandez, F., and Gonzalez-Marquez, H. (2007). Gene Expression Analysis on the Early Development of Pig Embryos Exposed to Malathion. *Int.J.Toxicol.* 26: 143-149.

EcoReference No.: 104189

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,CEL,GRO; Code: LITE EVAL CODED(MLN).

Sauter, E. A. and Steele, E. E. (1972). The Effect of Low Level Pesticide Feeding on the Fertility and Hatchability of Chicken Eggs. *Poult.Sci.* 51: 71-76.

EcoReference No.: 38642

Chemical of Concern: MLN,HCCH,DZ,DDT; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(DZ,MLN),OK(HCCH,DDT).

Sayim, F. (2008). Acute Toxic Effects of Malathion on the 21st Stage Larvae of the Marsh Frog. *Turk.J.Zool.* 32: 99-106.

EcoReference No.: 104561

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,BEH; Code: LITE EVAL CODED(MLN).

Scott, J. G., Dong, K., Geden, C. J., and Rutz, D. A. (1990). Evaluation of the Biochemical Basis of Insecticide Selectivity Between Host and Parasitoid Species. *Environ.Entomol.* 19: 1722-1725.

EcoReference No.: 93171

Chemical of Concern: PPB,TBF,MLO,PRN,FNV,PYN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(FNV,MLO),NO MIXTURE(PPB,TBF).

Selvi, S., Edah, M. A., Nazni, W. A., Lee, H. L., and Azahari, A. H. (2007). Characterization on Malathion and Permethrin Resistance by Bioassays and the Variation of Esterase Activity with the Life Stages of the Mosquito *Culex quinquefasciatus*. *Trop.Biomed.* 24: 63-75.

EcoReference No.: 104662

Chemical of Concern: PMR,MLN; Habitat: AT; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN),OK(PMR).

Shammi, Q. J. and Qayyum, M. A. (1993). Haematological Study of Malathion Intoxicated Cat Fish *C. batrachus* (Linn.). *Biomed.Res.* 4: 103-107.

EcoReference No.: 94517

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL; Code: LITE EVAL CODED(MLN).

Sharma, D. and Abrol, D. P. (2005). Contact Toxicity of Some Insecticides to Honeybee *Apis mellifera* (L.) and *Apis cerana* (F.) . *J.Asia-Pacif.Entomol.* 8: 113-115.

EcoReference No.: 92557

Chemical of Concern: MLN,CYP,FNV,DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(FNV,MLN),OK(CYP).

Sharma, H. C. and Leuschner, K. (1987). Chemical Control of Sorghum Head Bugs (Hemiptera: Miridae). *Crop Prot.* 6: 334-340.

EcoReference No.: 92941

Chemical of Concern: CBL,FNV,CPY,MLN,AZD,ES,FNT,DDVP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES,FNV,CPY,MLN,DDVP),OK(CBL,FNT),EFFICACY(AZD).

Sharma, H. C., Vidyasagar, P., and Leuschner, K. (1988). Field Screening Sorghum for Resistance to Sorghum Midge (Diptera: Cecidomyiidae). *J.Econ.Entomol.* 81: 327-334 .

EcoReference No.: 104816

Chemical of Concern: FNV,CPY,MLN,DDVP,FNT,ES,CBL; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(FNT,FNV,CPY,MLN,ES,CBL),EFFICACY(DDVP).

Sharma, S. N., Saxena, V. K., and Lal, S. (2004). Study on Susceptibility Status in Aquatic and Adult Stages of *Aedes aegypti* and *Ae. albopictus* Against Insecticides at International Airports of South India. *J.Communit.Dis.* 36: 177-181.

EcoReference No.: 99648

Chemical of Concern: DDT,DLD,MLN,DM,PMR,LCYT,FNT,PPX,FNTH,TMP; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,MLN,FNT,FNTH),TARGET(PMR).

Sherman, M. and Tamashiro, M. (1959). Toxicity of Insecticides and Acaricides to the Papaya, *Carica papaya* L. *Hawaii Agric.Exp.Stn.,Tech.Bull.No.40* 74: 56 p.

EcoReference No.: 100252

Chemical of Concern: SFR,DLD,AND,DDT,PRN,MLN,DZ,OXD,ARM; Habitat: T; Effect Codes: GRO,PHY; Code: LITE EVAL CODED(SFR,MLN),NO COC(PSM),OK(DZ,OXD,ARM).

Shetty, K. M. and Nayar, S. V. (1964). A Comparative Trial of BHC and Some Organic Phosphate Insecticides for the Control of 'Shaft Louse' of Fowls. In: S.K.Majunder (Ed.), *Symposium on Pesticides Academy of Pest Control Sciences, Mysore, India* 15-20.

EcoReference No.: 54135

Chemical of Concern: HCCH,MLN,DMT,TCF; Habitat: T; Effect Codes: MOR,PHY,POP; Code: LITE EVAL CODED(MLN),TARGET(DMT,TCF).

Shukla, A., Pathak, S. C., and Agrawal, R. K. (1996). Efficacy and Economics of Some Insecticides and Plant Products Against the Infestation of Okra Shoot and Fruit Borer, *Earias vittella* Fab. *Crop Res.* 12: 367-373.

EcoReference No.: 92998

Chemical of Concern: MLN,DDVP,FNV,CYP,AZD; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(FNV,MLN,DDVP),OK(CYP,AZD).

Singh, B. D., Singh, R. B., Singh, R. M., Singh, Y., and Singh, J. (1979). Effect of Insecticides on Germination, Early Growth and Cytogenetic Behavior of Barley (*Hordeum vulgare*). *Environ.Exp.Bot.* 19: 127-132.

EcoReference No.: 59664

Chemical of Concern: PRT,EN,DS,MLN,PPHD,TBO,CBF; Habitat: T; Effect Codes: REP,GRO,CEL; Code: LITE EVAL CODED(DS,PRT,TBO,MLN,CBF).

Singh, B. D., Singh, Y., Singh, R. B., Singh, R. M., Sarma, N. D. R. K., and Singh, J. (1977). Cytogenetic Aberrations & Morphological Changes Induced by Insecticide Treatments of Barley Seeds. *Indian J.Exp.Biol.* 15: 688-691.

EcoReference No.: 99386

Chemical of Concern: EN,PRT,MLN,DS,TBO,CBF; Habitat: T; Effect Codes: GRO,REP,CEL; Code: LITE EVAL CODED(PRT,TBO,DS,CBF,MLN).

Singh, O. P. and Rawat, R. R. (1981). Note on the Safety of Some Insecticides for *Diaeretus rapae* M'Intosh, a Parasite of the Mustard Aphid. *Indian J.Agric.Sci.* 51: 204-205.

EcoReference No.: 101406

Chemical of Concern: DMT,DEM,MLN,PHSL,ES,DCTP,MTM,FNV; Habitat: T; Effect Codes: GRO; Code: LITE EVAL CODED(ES,MLN),OK(DCTP,DMT,DEM,PHSL,MTM,FNV).

Singh, Y., Chaudhary, V. K., Tyagi, S. R., and Misra, U. K. (1984). Inhibition of Hepatic Phosphatidylcholine Synthesis by Malathion in Rats. *Toxicol.Lett.* 20: 219-223.

EcoReference No.: 91100

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Sinha, N., Lal, B., and Singh, T. P. (1991). Pesticides Induced Changes in Circulating Thyroid Hormones in the Freshwater Catfish *Clarias batrachus*. *Comp.Biochem.Physiol.* 100C: 107-110.

EcoReference No.: 96478

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(ES,MLN,CBL).

Snawder, J. E. and Chambers, J. E. (1993). Osteolathyrogenic Effects of Malathion in *Xenopus* Embryos. *Toxicol.Appl.Pharmacol* 121 : 210-216.

EcoReference No.: 88912

Chemical of Concern: MLN,MLO; Habitat: A; Effect Codes: BCM,GRO; Code: LITE EVAL CODED(MLN,MLO).

Sparling, D. W. and Fellers, G. (2007). Comparative Toxicity of Chlorpyrifos, Diazinon, Malathion and Their Oxon Derivatives to Larval *Rana boylei*. *Environ.Pollut.* 147: 535-539.

EcoReference No.: 92498

Chemical of Concern: CPYO,CPY,DZ,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(CPY,CPYO,DZ,MLN).

Stephenson, G. R., Phatak, S. C., Makowski, R. I., and Bouw, W. J. (1980). Phytotoxic Interactions Involving Metribuzin and Other Pesticides in Tomatoes. *Can.J.Plant Sci.* 60: 167-175.

EcoReference No.: 26089

Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,Maneb,TFN; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(DZ,ES,MLN,CBF),CROP(MZB,CTN,Maneb),OK(MVP,TFN),TARGET(CBL).

Stevenson, J. H. (1968). Laboratory Studies on the Acute Contact and Oral Toxicities of Insecticides to Honeybees. *Ann.Appl.Biol.* 61: 467-472.

EcoReference No.: 96420

Chemical of Concern:

AZ,DMT,DLN,DZ,MLN,PRT,EN,CBL,CHD,DDT,DS,ES,MVP,DCTP,PYN,HCCH,ATN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DS,PRT,DZ,ES,MLN),OK(AZ,DMT,CBL,PYN,ATN,DCTP,MVP).

Subramanian, S. and Ramalingam, K. (2003). Effect of DDT, Malathion and Mercury on the Haematology of *Sarotherodon mossambicus*. *J.Ecotoxicol.Environ.Monit.* 13: 159-160 .

EcoReference No.: 105046

Chemical of Concern: MLN,DDT,HgCl₂; Habitat: A; Effect Codes: CEL,BCM; Code: LITE EVAL CODED(MLN).

Suhas, Y. and Devaiah, M. C. (1985). Studies on the Effect of Insecticides Sprayed Mulberry Leaves to Silkworm, *Bombyx mori* L. *Pesticides* 19: 53-54.

EcoReference No.: 88892

Chemical of Concern: DEM,ES,DDVP,MLN,DMT,PPHD,CBL,CYP; Habitat: T; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(ES,DDVP,MLN),NO COC(OXD),TARGET(DMT,PPHD,CBL,CYP).

Sweeney, M. I. and Lyon, M. E. (1999). Selective Effect of Malathion on Blood Coagulation Versus Locomotor Activity. *J.Environ.Pathol.Toxicol.Oncol.* 18: 203-211 .

EcoReference No.: 94770

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,PHY; Code: LITE EVAL CODED(MLN).

Sweilum, M. A. (2006). Effect of Sublethal Toxicity of some Pesticides on Growth Parameters, Haematological Properties and Total Production of Nile Tilapia (*Oreochromis niloticus* L.) and Water Quality of Ponds. *Aquacult.Res.* 37: 1079-1089.

EcoReference No.: 92183

Chemical of Concern: DMT,MLN; Habitat: A; Effect Codes: ACC,BCM,GRO,MOR,BEH,POP; Code: LITE EVAL CODED(DMT,MLN).

Tejada, A. W., Bajet, C. M., Magbauna, M. G., Gambalan, N. B., Araez, L. C., and Magallona, E. D. (1994). Toxicity of Pesticides to Target and Non-Target Fauna of the Lowland Rice Ecosystem. In: B.Widianarko, K.Vink, and N.M.Van Straalen (Eds.), *Environmental Toxicology in South East Asia*, VU Univ.Press, Amsterdam, Netherlands 89-103.

EcoReference No.: 20421

Chemical of Concern:

MP,ES,CBF,CPY,CYP,EFX,TDC,MTM,MLN,FNV,CYF,FNT,CBL,24D,MCPA,BTC,FZFB,TBC,ODZ, MZB,DZ; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MP,ES,CBF,CPY,CYP,EFX,TDC,MTM,MLN,FNV,CYF,FNT,CBL,24D,MCPA,BTC,FZFB,TB C,ODZ,MZB,DZ).

Thakur, N. S. A. and Deka, T. C. (1997). Bioefficacy and Economics of Different Insecticides Against *Pieris brassicae* (L.) on Cabbage in Midhills of North-East India. *Indian J.Plant Prot.* 25: 109-114.

EcoReference No.: 89393

Chemical of Concern: MLN,FNV,CPY,CYP,ES,DDVP,DFZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MLN,ES,DFZ),EFFICACY(FNV,CPY,CYP,DDVP).

Thavaselvam, D., Kumar, A., and Sumodan, P. K. (1993). Insecticide Susceptibility Status of *Anopheles stephensi*, *Culex quinquefasciatus* and *Aedes aegypti* in Panaji, Goa. *Indian J.Malariol.* 30: 75-79.

EcoReference No.: 93833

Chemical of Concern: TMP,FNT,MLN,DLD,DDT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,MLN),NO ENDPOINT(FNT).

Thomas, T. G., Sharma, S. K., Prakash, A., Sokhey, J., and Sharma, B. R. (2000). Insecticide Susceptibility Status of *Culex tritaeniorhynchus* Giles, Vector of Japanese Encephalitis in Delhi. *Jpn.J.Infect.Dis.* 53: 11-14.

EcoReference No.: 100096

Chemical of Concern: FNT,TMP,PMR,DM,DDT,MLN,PPX,FNTH,LCYT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,MLN,FNT),TARGET(PMR).

Tomar, M. S., Dhanotiya, R. S., Shilaskar, D. V., and Dixit, N. K. (1995). Effect of Malathion on Enzymes of Goat Liver and Serum. *J.Environ.Biol.* 16: 151-155.

EcoReference No.: 40239

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Code: LITE EVAL CODED(MLN).

Ton, C., Lin, Y., and Willett, C. (2006). Zebrafish as a Model for Developmental Neurotoxicity Testing. *Birth Defects Res.Part A* 76: 553-567.

EcoReference No.: 93401

Chemical of Concern: DDT,24D,ATZ,DLD,MLN,NYP,TCDD; Habitat: A; Effect Codes: CEL,MOR,GRO,PHY; Code : LITE EVAL CODED(24D,ATZ,MLN).

Tu, C. M. (1981). Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil. *J.Environ.Sci.Health Part B* 16: 179-191.

EcoReference No.: 93646

Chemical of Concern:

13DPE,PMR,OML,CBF,HCCH,DLD,CHD,TBO,PRT,PRN,MLN,CPY,DZ,ETN,EP,FNF,Captan,Maneb,THM,24D,NTP,DD,DPDP,TC17, Habitat: T; Effect Codes: SYS,POP; Code: LITE EVAL CODED(DZ,TBO,PRT,CPY,PMR,24D,DD,DPDP,13DPE,TC17,OML,EP,MLN,CBF),TARGET(Maneb,Captan,DDMITC),OK(THM,STRP).

Tu, C. M. (1979). Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil. *J.Environ.Sci.Health Part B* 14: 617-624.

EcoReference No.: 93645

Chemical of Concern:

NTP,24D,13DPE,PMR,OML,CBF,HCCH,DLD,CHD,TBO,PRT,PRN,MLN,CPY,DZ,ETN,EP,FNF,Captan,Maneb,THM,DD,TC17,DDMITC,STRP; Habitat: T; Effect Codes: POP,SYS; Code: LITE EVAL CODED(DZ,TBO,PRT,CPY,24D,PMR,DD,TC17,13DPE,EP,OML,CBF,MLN),TARGET(Maneb,Captan),OK(DDMITC,STRP,THM).

Ulmer, B. J., Lapointe, S. L., Pena, J. E., and Duncan, R. E. (2006). Toxicity of Pesticides Used in Citrus to *Aprostocetus vaquitarum* (Hymenoptera: Eulophidae), an Egg Parasitoid of *Diaprepes abbreviatus* (Coleoptera: Curculionidae). *Fla.Entomol.* 89: 10-19.

EcoReference No.: 96444

Chemical of Concern: CBL,MLN,PSM,IMC; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED(IMC,MLN,PSM,CBL).

Valvassori, S. S., Fortunato, J. J., Gomes, K. M., Reus, G. Z., Martins, M. R., Gavioli, E. C., Schetinger, M. R. C., Dal-Pizzol, F., and Quevedo, J. (2007). Acute and Subacute Exposure to Malathion Impairs Aversive but not Non-Associative Memory in Rats. *Neurotox.Res.* 12: 71-79.

EcoReference No.: 105047

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,BEH; Code: LITE EVAL CODED(MLN).

Vankhede, G. N. and Dhande, R. R. (1991). Accumulation of the Organophosphorus Pesticide Cythion by a Freshwater Snail *Bellamya bengalensis* and Its Effect on Oxygen Consumption. *Indian J.Comp.Anim.Physiol.* 9 : 12-18.

EcoReference No.: 90666

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC,MOR,PHY; Code: LITE EVAL CODED(MLN).

Varma, G. C., Shenhmar, M., and Brar, K. S. (1988). Studies of the Effect of Insecticides on Trichogramma achaeae Nagaraja and Nagarkatti (Hymenoptera: Trichogrammatidae). *J.Biol.Control* 2: 5-8.

EcoReference No.: 103804

Chemical of Concern: PPHD,PHSL,DDT,HCCH,PMR,OXD,MLN,FNV,DMT,DM,CYP,CBL,ES;
Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(ES,MLN),OK(CBL,CYP,DM,DMT,FNV,OXD,PMR).

Varshneya, C., Bahga, H. S., and Sharma, L. D. (1986). Effect of Dietary Malathion on Hepatic Microsomal Drug-Metabolizing Systems of Gallus domesticus. *Toxicol.Lett.* 31: 107-111.

EcoReference No.: 89120

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(MLN).

Varshneya, C., Bahga, H. S., and Sharma, L. D. (1988). Toxicological Effects of Dietary Malathion in Cockerels. *Indian J.Anim.Sci.* 58: 411-414.

EcoReference No.: 90699

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,GRO; Code: LITE EVAL CODED(MLN).

Vatandoost, H., Shahi, H., Abai, M. R., Hanafi-Bojd, A. A., Oshaghi, M. A., and Zamani, G. (2004). Larval Habitats of Main Malaria Vectors in Hormozgan Province and Their Susceptibility to Different Larvicides. *Southeast Asian J.Trop.Med.Public Health* 35: 22-25.

EcoReference No.: 100987

Chemical of Concern: MLN,FNT,CPY,TMP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,CPY,FNT,MLN).

Verep, B. (2006). Toxicity of Malathion on European Chub. *Indian Vet.J.* 83: 912-913 .

EcoReference No.: 104602

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(MLN).

Vijayakumar, T. S. and Selvarajan, V. R. (1990). Heterogeneity in Response of Different Areas of Rabbit Brain to Malathion. *Bull.EnvIRON.Contam.Toxicol.* 44: 721-728.

EcoReference No.: 88991

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Vijayan, V. A., Revanna, M. A., Vasudeva, K. S., Pushpalatha, N., and Poornima (1993). Comparative Susceptibility of Two Japanese Encephalitis Vectors from Mysore to Six Insecticides. *Indian J.Med.Res.Sect.A* 97: 215-217.

EcoReference No.: 100376

Chemical of Concern: CYP,DM,FNTH,FNT,TMP,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,FNT,MLN),OK(CYP).

Walsh, A. H. (1975). The Pathology of Pesticide Poisoning in Fish. *Ph.D.Thesis, Univ.of Wisconsin, Madison,WI* 205 p.

EcoReference No.: 2873

Chemical of Concern: ES1,DDT,CBL,MLN,DLD,24D,ATZ; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(ATZ,MLN,ES1),OK(DDT,CBL,DLD,24D).

Weeks, M. H., Lawson, M. A., Angerhofer, R. A., Davenport, C. D., and Pennington, N. E. (1977). Preliminary Assessment of the Acute Toxicity of Malathion in Animals. *Arch.Environ.Contam.Toxicol.* 6: 23-31.

EcoReference No.: 100496

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN).

Weiss, M. J., McLeod, P., Schatz, B. G., and Hanson, B. K. (1991). Potential for Insecticidal Management of Flea Beetle (Coleoptera: Chrysomelidae) on Canola. *J.Econ.Entomol.* 84: 1597-1603.

EcoReference No.: 89123

Chemical of Concern: EFV,PMR,ES,CBL,MLN,CBF; Habitat: T; Effect Codes: MOR,GRO,POP; Code: LITE EVAL CODED(EFV,PMR,ES,CBF,MLN),OK(CBL).

Wesson, D. M. (1990). Susceptibility to Organophosphate Insecticides in Larval *Aedes albopictus*. *J.Am.Mosq.Control Assoc.* 6: 258-264.

EcoReference No.: 90110

Chemical of Concern: CPY,FNT,FNTH,MLN,TMP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,TMP,FNT,MLN).

White, N. D. G., Sinha, R. N., and Mills, J. T. (1986). Long-Term Effects of an Insecticide on a Stored-Wheat Ecosystem. *Can.J.Zool.* 64: 2558-2569.

EcoReference No.: 88992

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,REP,MOR; Code: LITE EVAL CODED(MLN).

Whyard, S., Downe, A. E. R., and Walker, V. K. (1994). Isolation of an Esterase Conferring Insecticide Resistance in the Mosquito *Culex tarsalis*. *Insect Biochem.Mol.Biol.* 24: 819-827.

EcoReference No.: 94524

Chemical of Concern: PPB,SFL,FNTH,TMP,CBL,PMR,CPY,MLO,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(TMP,CPY,MLN,MLO),OK(PMR,CBL),NO MIXTURE(PPB,SFL).

Wirth, M. C. and Georgiou, G. P. (1996). Organophosphate Resistance in *Culex pipiens* from Cyprus. *J.Am.Mosq.Control Assoc.* 12: 112-118.

EcoReference No.: 100853

Chemical of Concern: PMR,PPX,FNTH,CPY,TMP,MLN,PIRM; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,CPY,MLN,PPX),OK(PMR).

Wirth, M. C. and Georgiou, G. P. (1999). Selection and Characterization of Temephos Resistance in a Population of *Aedes aegypti* from Tortola, British Virgin Islands. *J.Am.Mosq.Control Assoc.* 15: 315-320.

EcoReference No.: 61087

Chemical of Concern: TMP,FNTH,MLN,CPY,EPRN,PMR,PPX,PPB; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,FNTH,MLN,CPY,EPRN,PMR,PPX,PPB).

Wolfenbarger, D. A. (2005). LD50s by Topical Application and Comparative Initial and Residual Toxicity of Pyrethroid, Organochlorine and Organophosphorus Insecticides in Field Tests Against the Boll Weevil. *Proc.Beltwide Cotton Conf., New Orleans, LA* 1889-1892.

EcoReference No.: 92637

Chemical of Concern: AZ,MLN,LCYT,BFT,CYF,ES,ZCYP,MDT,FPP,MP,ABM,PPB; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL
CODED(ES,MLN),TARGET(AZ,CYF,ZCYP,BFT,PPB,MP,MDT,FPP,LCYT,ABM),NO COC(TBF).

Wood, R. J., Pasteur, N., and Sinegre, G. (1984). Carbamate and Organophosphate Resistance in *Culex pipiens* L. (Diptera: Culicidae) in Southern France and the Significance of Est-3A. *Bull.Entomol.Res.* 74: 677-687.

EcoReference No.: 103319

Chemical of Concern: TBF,PPB,CPY,MLN,PFF,CBL; Habitat: A; Effect Codes: MOR; Code: LITE EVAL
CODED(MLN,CPY,CBL),OK(PFF),NO MIXTURE(TBF,PPB).

Wyss, G. S., Charudattan, R., Roskopf, E. N., and Littell, R. C. (2004). Effects of Selected Pesticides and Adjuvants on Germination and Vegetative Growth of *Phomopsis amaranthicola*, a Biocontrol Agent for *Amaranthus* spp. *Weed Res.* 44: 469-482 .

EcoReference No.: 96666

Chemical of Concern:

PEB,DCF,EPTC,OXF,PAQT,CLT,TFN,NPM,PDM,AMTR,PRM,NPP,MBZ,IZT,IPD,VCZ,BMY,DMT,MLN,CYR,LNR,DU,BS,GYPI,MTL,SXD,DCPA,IZP,SZ,ATZ,Maneb,MZB,CuOH,CTN,FSTL; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL
CODED(LNR,GYPI,OXF,EPTC,CLT,DU,DCPA,ATZ,DMT,MLN,PAQT,PDM,DCF),TARGET(FSTL,CTN,CuOH,MZB,Maneb,BMY),OK(SZ,IZP,SXD,MTL,BS,CYR).

Yarsan, E., Tanyuksel, M., Celik, S., and Aydin, A. (1999). Effects of Aldicarb and Malathion on Lipid Peroxidation. *Bull.EnvIRON.Contam.Toxicol.* 63: 575-581.

EcoReference No.: 55835

Chemical of Concern: ADC,MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL
CODED(ADC,MLN).

Yein, B. R. (1984). Relative Efficacy of Some Insecticides Against Red Ant (*Dorylus orientalis* Westwood) on Potato. *J.Res.Assam.Agric.Univ.* 5: 68-71.

EcoReference No.: 101789

Chemical of Concern: PRT,CBF,DZ,TBO,MLN,HCCH,CBL,ES,AND; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED(CBF,MLN,ES),OK(PRT,DZ,TBO,HCCH,CBL,AND).

Yeragi, S. G., Koli, V. A., and Yeragi, S. S. (2002). Effect of Malathion on DNA of Marine Edible Crab *Uca marionis* (Des). *J.Mar.Biol.Assoc.India* 44: 226-230.

EcoReference No.: 104660

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Code: LITE EVAL
CODED(MLN).

Zhu, Y. C., Snodgrass, G. L., and Chen, M. S. (2004). Enhanced Esterase Gene Expression and Activity in a Malathion-Resistant Strain of the Tarnished Plant Bug, *Lygus lineolaris*. *Insect Biochem.Mol.Biol.* 34: 1175-1186.

EcoReference No.: 80063

Chemical of Concern: ACP,DCTP,MLN,PMR,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL
CODED(MLN,TBF),TARGET(ACP,DCTP,PMR).

Zulkosky, A. M., Ruggieri, J. P., Terracciano, S. A., Brownawell, B. J., and McElroy, A. E. (2005). Acute Toxicity of Resmethrin, Malathion and Methoprene to Larval and Juvenile American Lobsters (*Homarus americanus*) and Analysis of Pesticide Levels in Surface Waters After Scourge, Anvil and Altosid

Application. *J.Shellfish Res.* 24: 795-804.

EcoReference No.: 104603

Chemical of Concern: RSM,MLN,MTPN,PPB,SMT; Habitat: A; Effect Codes: MOR,BCM; Code:

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Achiorno, C. L., De Villalobos, C., and Ferrari, L. (2009). Sensitivity of Preparasitic Stages of *Chordodes nobilii* (Gordiida, Nematomorpha) to Malathion. *Ecotoxicology* 18: 594-599.

EcoReference No.: 118256

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,MOR; Code: LITE EVAL CODED(MLN).

Aguilera, L., Marquetti, M. D. C., Navarro, A., and Bisset, J. (1995). Effects of Three Organophosphorus Insecticides in the Reproductive Potential of *Culex quinquefasciatus*. *Mem.Inst.Oswaldo Cruz* 90: 411-413.

EcoReference No.: 103416

Chemical of Concern: MLN,CPY,PIRM; Habitat: A; Effect Codes: GRO,MOR,REP; Code: LITE EVAL CODED(MLN,PIRM,CPY).

Aker, W. G., Hu, X., Wang, P., and Hwang, H. M. (2008). Comparing the Relative Toxicity of Malathion and Malaoxon in Blue Catfish *Ictalurus furcatus*. *Environ.Toxicol.* 23: 548-554.

EcoReference No.: 112921

Chemical of Concern: MLO,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN,MLO).

Akhtar, N., Kayani, S. A., Ahmad, M. M., and Shahab, M. (1996). Insecticide-Induced Changes in Secretory Activity of the Thyroid Gland in Rats. *J.Appl.Toxicol.* 16: 397-400.

EcoReference No.: 81333

Chemical of Concern: BFT,CYH,MLN,HCCH,HPT; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(BFT,MLN,HPT,HCCH,CYH),NO COC(MTM) .

Arne, C. N., Becker, S. A., and Bailey, W. C. (1991). Alfalfa Weevil Control, Missouri (Northern), 1989. *Insectic.Acaric.Tests* 16: 123 (1F).

EcoReference No.: 90636

Chemical of Concern: CBL,PMR,EFV,CYF,CYP,CBF,LCYT,PSM,TDC,CPY,MLN,DMT ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY,PMR,CBL,EFV,CYF,CYP,CBF,PSM,TDC,MLN,DMT).

Bansal, S. K. and Singh, K. V. (2007). Relative Susceptibility of Some Common Mosquito Vector Larvae to Synthetic Insecticidal Compounds in North-Western Rajasthan. *J.Environ.Biol.* 28: 829-832.

EcoReference No.: 111462

Chemical of Concern: FNT,FNTH,DM,TMP,MLN,FNV; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(DM,TMP,MLN,FNT,FNTH,FNV).

Bauernfeind, R. J. and Wilde, G. E. (1993). Control of Army Cutworm (Lepidoptera: Noctuidae) Affects Wheat Yields. *J.Econ.Entomol.* 86: 159-163.

EcoReference No.: 112232

Chemical of Concern: PMR,MLN,ES,EPRN,CBF,MP,CPY,CYF,EFV; Habitat: T; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(CBF,CYF,MLN,PMR),OK(ES,EFV,MP,CPY).

Belluck, D. and Felsot, A. (1981). Bioconcentration of Pesticides by Egg Masses of the Caddisfly, *Triaenodes tardus* Milne. *Bull.Environ.Contam.Toxicol.* 26: 299-306 .

EcoReference No.: 2340

Chemical of Concern: DDT,DLD,DFZ,MXC,MLN,CBF,TBO,HCB; Habitat: A; Effect Codes: ACC; Code: LITE EVAL CODED(MLN,TBO,CBF,DFZ,DDT,DLD,MXC,HCB).

Biesinger, K. E. (1973). The Chronic Toxicity of Some Pesticides to *Daphnia magna*. *Interim Rep.No.ROAP 16AAK, Task 06, Natl.Water Qual.Lab., Duluth, MN* 5 p.

EcoReference No.: 117172

Chemical of Concern: Captan,CBL,DZ,MLN,Folpet; Habitat: A; Effect Codes: MOR,REP; Code: LITE EVAL CODED(CBL,MLN,Captan,DZ,Folpet).

Birge, W. J., Black, J. A., and Bruser, D. M. (1979). Toxicity of Organic Chemicals to Embryo-Larval Stages of Fish. *EPA-560/11-79-007, U.S.EPA, Washington, D.C.* 60 p. (OECDG Data File) (NTIS PB80-101637).

EcoReference No.: 563

Chemical of Concern: PL,CBZ,AN,MLN,24D,ATZ,CF,CPH; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(24D,ATZ,MLN).

Bonilla, E., Hernandez, F., Cortes, L., Mendoza, M., Mejia, J., Carrillo, E., Casas, E., and Betancourt, M. (2008). Effects of the Insecticides Malathion and Diazinon on the Early Oogenesis in Mice In Vitro . *Environ.Toxicol.* 23: 240-245.

EcoReference No.: 118159

Chemical of Concern: DZ,MLN; Habitat: T; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(MLN),OK(DZ).

Borah, R. K. (1995). Effect of Insecticides on Pest Incidence in Summer Greengram (*Phaseolus radiatus*). *Indian J.Agric.Sci.* 65: 913-915.

EcoReference No.: 89296

Chemical of Concern: CYP,MLN,DMT,DM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MLN),OK(CYP,DMT,DM).

Boyd, E. M. and Tanikella, T. K. (1969). The Acute Oral Toxicity of Malathion in Relation to Dietary Protein. *Arch.Toxikol.* 24: 292-303.

EcoReference No.: 108637

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,PHY,GRO,BCM; Code: LITE EVAL CODED(MLN),NO COC(H3PO4).

Brown, L. R., Eads, C. O., Crisp, C. E., and Page, M. (1979). Control of a Jeffrey Pine Needleminer by Spraying and Trunk Implantation and Resultant Acephate Residues. *J.Econ.Entomol.* 72: 51-54.

EcoReference No.: 99767

Chemical of Concern:

FNV,CBF,DS,RSM,TCF,CBL,MXC,ACP,DMT,PMR,PSM,PHSL,CPY,HCCH,FNT,MLN,DZ; Habitat: T; Effect Codes: ACC,POP,MOR; Code: LITE EVAL CODED(CPY,PMR,MLN),OK(ACP),TARGET(CBF,DS,RSM,TCF,CBL,DMT,PSM,FNT,DZ).

Budischak, S. A., Belden, L. K., and Hopkins, W. A. (2008). Effects of Malathion on Embryonic Development and Latent Susceptibility to Trematode Parasites in Ranid Tadpoles. *Environ.Toxicol.Chem.* 27: 2496-2500.

EcoReference No.: 107375

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,MOR,PHY,REP; Code: LITE EVAL CODED(MLN).

Budischak, S. A., Belden, L. K., and Hopkins, W. A. (2009). Relative Toxicity of Malathion to Trematode-Infected and Noninfected *Rana palustris* Tadpoles. *Arch.Environ.Contam.Toxicol.* 56: 123-128.

EcoReference No.: 112582

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Chakraborty, S. and Tandon, N. (2000). Insecticide Susceptibility Status of *Anopheles stephensi* (Liston) in Calcutta, West Bengal. *Indian J.Malariol.* 37: 43-45.

EcoReference No.: 111329

Chemical of Concern: DDT,PPX,FNTH,TMP,FNT,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN),OK(FNT),NO ENDPOINT(TMP),TARGET(PPX).

Craggs, R., Golding, L., Clearwater, S., Susarla, L., and Donovan, W. (2005). Control of Chironomid Midge Larvae in Wastewater Stabilisation Ponds: Comparison of Five Compounds. *Water Sci.Technol.* 51: 191-199.

EcoReference No.: 111364

Chemical of Concern: PYX,DFZ,MTPN,MLN; Habitat: A; Effect Codes: GRO,POP; Code: LITE EVAL CODED(DFZ,MLN),OK(MTPN).

Dad, N. K. and Pandya, V. K. (1982). Acute Toxicity of Two Insecticides to Rotifer *Brachionus calyciflorus*. *Int.J.Environ.Stud.* 18: 245-246.

EcoReference No.: 18254

Chemical of Concern: CBF,MLN; Habitat: A; Effect Codes: POP; Code: LITE EVAL CODED(CBF,MLN).

Damiens, G., His, E., Gnassia-Barelli, M., Quiniou, F., and Romeo, M. (2004). Evaluation of Biomarkers in Oyster Larvae in Natural and Polluted Conditions. *Comp.Biochem.Physiol.C* 138: 121-128.

EcoReference No.: 76793

Chemical of Concern: CuS,MLN,CBF; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN,CBF,CuS).

David, M., Shivakumar, H. B., Ramesh, H., Marigoudar, S. R., and Naik, V. R. (2007). Hepatotoxic Potential of Malathion in the Freshwater Teleost, *Cirrhinus mrigala* (Hamilton). *J.Basic Clin.Physiol.Pharmacol.* 18: 307-314.

EcoReference No.: 118383

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MLN).

Davis, D. W. (1970). Insecticidal Control of the Alfalfa Weevil in Northern Utah and Some Resulting Effects on the Weevil Parasite *Bathyplectes curculionis*. *J.Econ.Entomol.* 63: 119-125.

EcoReference No.: 114809

Chemical of Concern:

MCB,PPX,TCF,PRT,MP,MLN,ES,DS,DMT,DCTP,DZ,CBF,CBL,AZ,PHSL,PRN,MXC,PSM,HPT,CHD;
Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CBL,MLN),NO

REVIEW(MCB),OK(TCF,PRT,ES,DZ,CBF,AZ,MP,PSM),TARGET(PPX,DS,DMT,DCTP).

Desi, I. (1983). Neurotoxicological Investigation of Pesticides in Animal Experiments. *Neurobehav.Toxicol.Teratol.* 5: 503-515.

EcoReference No.: 117035

Chemical of Concern: ATZ,DDVP,BMY,CBL,PRT,MLN,PPX; Habitat: T; Effect Codes: MOR,PHY,BEH,GRO,BCM,CEL; Code: LITE EVAL CODED(MLN,CBL),OK(PRT,DDVP,PPX,BMY).

Elsheikha, H. M., Hussein, H. S., and Rahbar, M. H. (2008). Clinico-Pathological Effects of Schistosoma mansoni Infection Associated with Simultaneous Exposure to Malathion in Swiss Outbred Albino Mice. *Acta Trop.* 108: 11-19.

EcoReference No.: 118692

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,REP,MOR,BCM,CEL; Code: LITE EVAL CODED(MLN).

Fabacher, D. L., Kulkarni, A. P., and Hodgson, E. (1980). Pesticides as Inducers of Hepatic Drug-Metabolizing Enzymes - I. Mixed Function Oxidase Activity. *Gen.Pharmacol.* 11: 429-435.

EcoReference No.: 92612

Chemical of Concern: CHD,CPY,ES,MLN,PMR,24D,PPB,TFN,FNV,TBF,TVP,NTZ,DFZ; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL CODED(CPY,24D,TBF,FNV,ES,MLN,TFN,CHD,PMR,PPB,TVP,NTZ,DFZ).

Fraysse, B., Mons, R., and Garric, J. (2006). Development of a Zebrafish 4-Day Embryo-Larval Bioassay to Assess Toxicity of Chemicals. *Ecotoxicol.Environ.Saf.* 63: 253-267.

EcoReference No.: 108092

Chemical of Concern: CdCl,MLN; Habitat: A; Effect Codes: MOR,GRO,PHY,BEH; Code: LITE EVAL CODED(MLN).

Gantverg, A. N. and Perevoznikov, M. A. (1983). Inhibition of Cholinesterase in the Brain of Perch, *Perca fluviatilis* (Percidae), and Common Carp, *Cyprinus carpio* (Cyprinidae), Under the Action of Carbophos. *J.Ichthyol.(Vopr.Ikhtiol.)* 23: 174-175 .

EcoReference No.: 11464

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN).

Gibson, R. L. and Scott, J. G. (1989). Comparative Toxicity of Fourteen Insecticides to Two Species of Carpenter Ants (Hymenoptera: Formicidae). *J.Econ.Entomol.* 82: 1121-1124.

EcoReference No.: 109064

Chemical of Concern: CBF,PMR,FNV,DM,TVP,MLN,DMT,DDVP,DZ,CPY,PPX,BDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PPX,DM,PMR,MLN,DDVP),OK(CBF,FNV,TVP,DMT,DZ,CPY).

Golob, P., Changjaroen, P., Ahmed, A., and Cox, J. (1985). Susceptibility of *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) to Insecticides. *J.Stored Prod.Res.* 21: 141-150.

EcoReference No.: 117920

Chemical of Concern: FNT,CPYM,PIRM,SMT,EFV,PMR,MLN,HCCH,DM,CBL; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED(PMR,MLN,CBL),TARGET(FNT,CPYM,PIRM,SMT,EFV,HCCH,DM).

Gupta, R. C., Welsch, F., Thornburg, J. E., and Paul, B. S. (1983). Effect of Chloramphenicol Pretreatment on Malathion-Induced Acute Toxicity in the Rat. *J.Toxicol.Environ.Health* 11: 897-905.

EcoReference No.: 36922

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,BCM; Code: LITE EVAL CODED(MLN).

Harris, C. R., Svec, H. J., Tolman, J. H., and Chapman, R. A. (1983). Laboratory and Field Studies on the Effectiveness and Persistence of Some Insecticides Used to Control the Tomato Hornworm. *Tob.Int.* 185: 178-182.

EcoReference No.: 99406

Chemical of Concern:

EN,FPP,TVPM,TCF,DM,CYP,FNV,PMR,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES,AZ,PSM, MLN; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED(EN,FPP,TVPM,TCF,DM,CYP,FNV,PMR,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES, AZ,PSM,MLN).

Hemlata and Fatma, T. (2009). Screening of Cyanobacteria for Phycobiliproteins and Effect of Different Environmental Stress on Its Yield. *Bull.Environ.Contam.Toxicol.* 83: 509-515.

EcoReference No.: 118161

Chemical of Concern: CPY,MLN,UREA,NH₄,NO₃,Cr,Pb,Ni,Cd,Cu,Zn,NaCl; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(CPY,MLN,UREA,NH₄,NO₃,Cr,Pb,Ni,Cd,Cu,Zn),NO ENDPOINT(NaCl).

Hsieh, C. Y. and Allen, W. W. (1986). Effects of Insecticides on Emergence, Survival, Longevity, and Fecundity of the Parasitoid *Diaeretiella rapae* (Hymenoptera: Aphididae) from Mummified *Myzus persicae* (Homoptera: Aphididae). *J.Econ.Entomol.* 79: 1599-1602.

EcoReference No.: 114765

Chemical of Concern: PMR,MOM,ACP,MLN,DZ; Habitat: T; Effect Codes: MOR,REP,GRO; Code: LITE EVAL CODED(PMR,MOM,MLN),OK(ACP,DZ).

Joseph, S. R., Mallack, J., and George, L. F. (1972). Field Applications of Ultra Low Volume Malathion to Three Animal Species. *Mosq.News* 32: 504-506.

EcoReference No.: 2901

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN).

Kalow, W. and Marton, A. (1961). Second-Generation Toxicity of Malathion in Rats. *Nature* 192: 464-465.

EcoReference No.: 104601

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,GRO,REP,MOR; Code: LITE EVAL CODED(MLN).

Kaskhedikar, P., Kaskhedikar, T. A., and Johri, G. N. (1996). Effect of Malathion on the Worm Burden of the Mice Experimentally Infected with an Oxyuridae Nematode, *Syphacia obvelata*. *J.Environ.Biol.* 17: 349-351.

EcoReference No.: 50842

Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY; Code: LITE EVAL CODED(MLN).

Kawada, H., Shono, Y., Ito, T., and Abe, Y. (1993). Laboratory Evaluation of Insect Growth Regulators Against Several Species of Anopheline Mosquitoes. *Jpn.J.Sanit.Zool.* 44: 349-353.

EcoReference No.: 111057

Chemical of Concern: PYX,DDT,DLD,PMR,PPX,MLN,MTPN,DFZ,TMP,FNT; Habitat: AT; Effect

Codes: MOR; Code: LITE EVAL CODED(PPX,DFZ,PMR,MLN),OK(MTPN,TMP,FNT).

Komalamisra, N., Trongtokit, Y., Palakul, K., Prummongkol, S., Samung, Y., Apiwathnasorn, C., Phanpoowong, T., Asavanich, A., and Leemingsawat, S. (2006). Insecticide Susceptibility of Mosquitoes Invading Tsunami-Affected Areas of Thailand. *Southeast Asian J.Trop.Med.Public Health* 37: 118-122.

EcoReference No.: 99646

Chemical of Concern: TMP,MLN,PMR,DM,DDT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP,MLN,PMR,DM,DDT).

Kulkarni, A. P., Fabacher, D. L., and Hodgson, E. (1980). Pesticides as Inducers of Hepatic Drug-Metabolizing Enzymes - II. Glutathione S-Transferases. *Gen.Pharmacol.* 11: 437-441.

EcoReference No.: 92613

Chemical of Concern: FNV,NTZ,DFZ,TBF,TFN,ES,CHD,MLN,CPY,PPB,24D,PMR,TVP; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(PPB,NTZ,DFZ,CHD,TVP,FNV,PMR,CPY,24D,ES,MLN,TBF,TFN).

Kumar, D., Khan, P. K., and Sinha, S. P. (1995). Cytogenetic Toxicity and No-Effect Limit Dose of Pesticides. *Food Chem.Toxicol.* 33: 309-314.

EcoReference No.: 51255

Chemical of Concern: DDVP,MP,MLN; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(MLN,DDVP),OK(MP).

Kumar, R., Agarwal, S. P., and Uppal, R. P. (1985). Effect of Malathion on Sex Steroids in Immature Female Rats. *Indian J.Anim.Sci.* 55: 424-425.

EcoReference No.: 89182

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Kumar, S. and Nath, A. (1997). Effect of an Organophosphorus Insecticide Malathion on Spermatocytes of Mice. *Environ.Ecol.* 15: 161-165.

EcoReference No.: 40178

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,REP; Code: LITE EVAL CODED(MLN).

Kumar, S., Thomas, A., Sahgal, A., Verma, A., Samuel, T., and Pillai, M. K. K. (2004). Variations in the Insecticide-Resistance Spectrum of Anopheles stephensi After Selection with Deltamethrin or a Deltamethrin-Piperonyl-Butoxide Combination. *Ann.Trop.Med.Parasitol.* 98: 861-871.

EcoReference No.: 109633

Chemical of Concern: PPX,CBL,CBF,TMP,FNT,FNTH,MLN,ES,DDVP,PMR,DM,DDT,PPB; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(CBF,DM,PPX,CBL,PMR,MLN),OK(ES,DDVP,FNT,TMP),NO MIXTURE(PPB).

Ladonni, H. (1988). Genetics and Biochemistry of Insecticide Resistance in Anopheles stephensi (United Arab Emirates). *Ph.D.Thesis; The University of Liverpool (United Kingdom)* 245 p. (UMI #DX85196).

EcoReference No.: 114582

Chemical of Concern: DM,PPB,PPX,TMP,MLN,CPY,PMR,FNTH,LCYT,DLD,DDT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(DM,MLN),OK(PPB,PPX,TMP,CPY,PMR).

Lal, N. and Nath, A. (1998). Effect of Organophosphorus Insecticide Malathion on Seminal Vesicle of Mice Mus musculus. *Environ.Ecol.* 16: 805-808.

EcoReference No.: 51311

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,GRO; Code: LITE EVAL CODED(MLN).

Leonova, I. N. and Slynko, N. M. (2004). Life Stage Variations in Insecticidal Susceptibility and Detoxification Capacity of the Beet Webworm, *Pyrausta sticticalis* L. (Lep., Pyralidae). *J.Appl.Entomol.* 128: 419-425.

EcoReference No.: 100430

Chemical of Concern: MP,MPO,MLN,CPYM,PIRM,FNT,DZ,CBL,FNV,PMR,PTPMR,BRSM,PPB,ES;

Habitat: T; Effect Codes: MOR; Code: LITE EVAL

CODED(ES,PMR,CBL,MLN,PTPMR),TARGET(MP,MPO,PIRM,FNT,DZ,FNV,BRSM),OK(CPYM),NO MIXTURE(PPB,TBF).

Lingren, P. D., Wolfenbarger, D. A., Nosky, J. B., and Diaz, M. Jr. (1972). Response of *Campoletis perdistinctus* and *Apanteles marginiventris* to Insecticides. *J.Econ.Entomol.* 65: 1295-1299.

EcoReference No.: 113287

Chemical of Concern: MP,MLO,MLN,CBL,AZ,TCF,TXP,PRN,DS,DEM,DDT; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CBL),OK(AZ,DS,MLN,MLO,MP,TCF).

Lyons, D. B., Helson, B. V., Jones, G. C., and McFarlane, J. W. (1993). Development of a Chemical Control Strategy for the Pine False Webworm, *Acantholyda erythrocephala* (L.) (Hymenoptera: Pamphiliidae). *Can.Entomol.* 125: 499-511.

EcoReference No.: 99803

Chemical of Concern: MXC,PPX,ACP,MLN,CBL,PMR,DMT,DZ,CPY; Habitat: T; Effect Codes: POP,REP,MOR; Code: LITE EVAL CODED(PPX,CPY,CBL,PMR,MLN),OK(ACP,DMT,DZ).

Mackey, M. J. and Boone, M. D. (2009). Single and Interactive Effects of Malathion, Overwintered Green Frog Tadpoles, and Cyanobacteria on Gray Treefrog Tadpoles. *Environ.Toxicol.Chem.* 28: 637-643.

EcoReference No.: 115418

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,POP,BEH; Code: LITE EVAL CODED(MLN).

Malik, J. K., Singh, R. C. P., Roy, K. S., Gupta, P., and Paul, B. S. (1979). Pesticides Induced Dermal Changes in Buffalo Calves. *Pesticides* 13: 45-48.

EcoReference No.: 107371

Chemical of Concern: FNT,DDT,MLN; Habitat: T; Effect Codes: PHY,CEL,MOR; Code: LITE EVAL CODED(MLN),OK(FNT).

Mazzarri, M. B. and Georghiou, G. P. (1995). Characterization of Resistance to Organophosphate, Carbamate, and Pyrethroid Insecticides in Field Populations of *Aedes aegypti* from Venezuela. *J.Am.Mosq.Control Assoc.* 11: 315-322.

EcoReference No.: 74860

Chemical of Concern: PIRM,TMP,DDT,CYH,PMR,CPY,MLN,PPX,PPB; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(PIRM,PPX,TMP,CYH,PMR,CPY,MLN),NO MIXTURE(PPB),NO CONTROL(DDT).

Meydani, M. and Post, G. (1979). Effect of Sublethal Concentrations of Malathion on Coturnix Quail. *Bull.Environ.Contam.Toxicol.* 21: 661-667.

EcoReference No.: 52202

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY; Code: LITE EVAL CODED(MLN).

Miyoshi, N., Kawano, T., Tanaka, M., Kadono, T., Kosaka, T., Kunitomo, M., Takahashi, T., and Hosoya, H. (2003). Use of Paramecium Species in Bioassays for Environmental Risk Management: Determination of IC50 Values for Water Pollutants. *J.Health Sci.* 49: 429-435.

EcoReference No.: 82825

Chemical of Concern: IGS,K2Cr2O7,Maneb,NiCl,CdCl,24D,TBC,PAQT,HCCH,MLN,CuS; Habitat: A; Effect Codes: POP; Code: LITE EVAL
CODED(IGS,K2Cr2O7,Maneb,NiCl,CdCl,24D,TBC,PAQT,HCCH,MLN,CuS).

Mohsin, A. K. M., Lui, O. S., and Ambak, M. A. (1984). Effect of Malathion on Sepat Siam and Tilapia. *Pertanika* 7: 57-60.

EcoReference No.: 118389

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH,MOR,PHY; Code: LITE EVAL
CODED(MLN).

Naqvi, S. M. Z. (1973). Toxicity of Twenty-Three Insecticides to a Tubificid Worm Branchiura sowerbyi from the Mississippi Delta. *J.Econ.Entomol.* 66: 70-74.

EcoReference No.: 2798

Chemical of Concern:

AZ,AND,CHD,DDT,DLD,CPY,EN,ETN,HPT,DCF,HCCH,MLN,MXC,MP,PRN,MVP,CBL,TXP,DCTP;
Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL
CODED(AZ,DCTP,CBL,MP,MLN),OK(HCCH),NO CONTROL(DCF),NO ENDPOINT,NO
CONTROL(CPY).

Niemczyk, H. D. and Flessel, J. K. (1975). Contact Toxicity of 8 Insecticides to Adult Bathypsectes curculionis, a Parasite of Alfalfa Weevil Larvae. *J.Econ.Entomol.* 68: 585-586.

EcoReference No.: 114312

Chemical of Concern: MXC,MDT,CBL,MLN,PSM,MP,DMT,CBF; Habitat: T; Effect Codes: MOR;
Code: LITE EVAL CODED(MXC,CBF,DMT,MP,PSM,MLN,CBL,MDT).

Overmyer, J. P., Armbrust, K. L., and Noblet, R. (2003). Susceptibility of Black Fly Larvae (Diptera: Simuliidae) to Lawn-Care Insecticides Individually and as Mixtures. *Environ.Toxicol.Chem.* 22: 1582-1588.

EcoReference No.: 71060

Chemical of Concern: CPY,CBL,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL
CODED(CPY,CBL,MLN).

Pathak, K. A. and Jha, A. N. (1999). Toxicity of Some Insecticides Against Adults of Sitophilus oryzae, Sitophilus sp. and Sitotroga cerealella. *Indian J.Entomol.* 61: 320-325.

EcoReference No.: 69725

Chemical of Concern: DM,CPYM,MLN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL
CODED(CPYM,MLN,DM).

Patil, V. K. and David, M. (2008). Behavioral and Respiratory Dysfunction in the Freshwater Fish, Labeo rohita (Hamilton) Under Malathion Intoxication. *J.Basic Clin.Physiol.Pharmacol.* 19: 167-175.

EcoReference No.: 118200

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY,BEH; Code: LITE EVAL
CODED(MLN).

Patil, V. K. and David, M. (2008). Behaviour and Respiratory Dysfunction as an Index of Malathion Toxicity in the Freshwater Fish, Labeo rohita (Hamilton). *Turkish J.Fish.Aquat.Sci.* 8: 233-237.

EcoReference No.: 118295

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(MLN).

Patil, V. K. and David, M (2009). Hepatotoxic Potential of Malathion in the Freshwater Teleost, *Labeo rohita* (Hamilton). *Vet.Ar.* 79: 179-188.

EcoReference No.: 117888

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Rao, K. S. P., Basha, S. M., and Rao, K. V. R. (1984). Differential Action of Malathion, Carbaryl and BHC on Acetyl-Cholinesterase Activity of a Teleost, *Tilapia mossambica* (Peters). *J.Environ.Biol.* 5: 241-247.

EcoReference No.: 10519

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(CBL,MLN).

Relyea, R. A. (2009). A Cocktail of Contaminants: how Mixtures of Pesticides at Low Concentrations Affect Aquatic Communities. *Oecologia* 159: 363-376.

EcoReference No.: 114296

Chemical of Concern: ACO,MTL,24D,ATZ,GYP,ES,DZ,CPY,CBL,MLN; Habitat: A; Effect Codes: MOR,POP,GRO; Code: LITE EVAL CODED(CBL,MLN),OK(CPY,DZ,ES,GYP,ATZ,24D,MTL).

Relyea, R. A. and Diecks, N. (2008). An Unforeseen Chain of Events: Lethal Effects of Pesticides on Frogs at Sublethal Concentrations. *Ecol.Appl.* 18: 1728-1742.

EcoReference No.: 118292

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP,MOR,GRO; Code: LITE EVAL CODED(MLN).

Relyea, R. A. and Hoverman, J. T. (2008). Interactive Effects of Predators and a Pesticide on Aquatic Communities. *Oikos* 117 : 1647-1658.

EcoReference No.: 118388

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,MOR,POP; Code: LITE EVAL CODED(MLN).

Rodriguez, M. M., Bisset, J. A., De Armas, Y., and Ramos, F. (2005). Pyrethroid Insecticide-Resistant Strain of *Aedes aegypti* from Cuba Induced by Deltamethrin Selection. *J.Am.Mosq.Control Assoc.* 21: 437-445.

EcoReference No.: 113471

Chemical of Concern: LCYT,DEF,PPB,CPY,CYF,DM,MLN,FNT,FNTH; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(DM,CYF,LCYT,CPY,MLN,FNT,FNTH),NO MIXTURE(PPB,DEF).

Rohr, J. R., Raffel, T. R., Sessions, S. K., and Hudson, P. J. (2008). Understanding the Net Effects of Pesticides on Amphibian Trematode Infections. *Ecol.Appl.* 18: 1743-1753.

EcoReference No.: 112912

Chemical of Concern: ATZ,GYP,CBL,MLN; Habitat: A; Effect Codes: MOR,GRO,REP,BEH,POP; Code: LITE EVAL CODED(CBL,ATZ,GYP,MLN).

Rosenheim, J. A. and Hoy, M. A. (1986). Intraspecific Variation in Levels of Pesticide Resistance in Field Populations of a Parasitoid, *Aphytis melinus* (Hymenoptera: Aphelinidae): The Role of Past Selection Pressures. *J.Econ.Entomol.* 79: 1161-1173.

EcoReference No.: 91027

Chemical of Concern: MDT,MLN,DMT,CPY,CBL; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,CBL,MLN),OK(MDT,DMT).

Sadeghi-Hashjin, G., Moslemi, M., and Javadi, S. (2008). The Effect of Organophosphate Pesticides on the Blood Glucose Levels in the Mouse. *Pak.J.Biol.Sci.* 11: 1290-1292.

EcoReference No.: 118162

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Sanchez, B. C., Ochoa-Acuna, H., Porterfield, D. M., and Sepulveda, M. S. (2008). Oxygen Flux as an Indicator of Physiological Stress in Fathead Minnow (*Pimephales promelas*) Embryos: A Real-Time Biomonitoring System of Water Quality. *Environ.Sci.Technol.* 42: 7010-7017.

EcoReference No.: 112907

Chemical of Concern: CdCl,RTN,PCP,MLN,ATZ,KCN; Habitat: A; Effect Codes: PHY; Code: LITE EVAL CODED(MLN,KCN),OK(ATZ,PCP,RTN).

Sanchez-Salas, J. A. and Blanco-Montero, C. A. (1993). Insecticide and Acaricide Effects on Mortality of Two Parasites of the Citrus Blackfly, 1989. *Insectic.Acaric.Tests* 18: 368-369 (14L).

EcoReference No.: 111099

Chemical of Concern: DCF,DFZ,PPG,OML,AMZ,MLN,ES,ABM,SFR,Zineb,ETN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DFZ,OML,AMZ,MLN),OK(DCF,PPG,ES,ABM,SFR,Zineb,ETN).

Sasikala, K. and Krishnasamy, V. (1995). Effect of Pre-Harvest Spraying of Some Pesticides on Yield and Quality of Cowpea Seed. *Seed Res.* 23: 102-107.

EcoReference No.: 107408

Chemical of Concern: CBD,ES,MLN,MZB; Habitat: T; Effect Codes: POP,GRO,BCM,ACC; Code: LITE EVAL CODED(MLN),OK(CBD,MZB,ES).

Shenhmar, M., Verma, G. C., and Brar, K. S. (1990). Studies on the Establishment of *Allorhogas pyralophagus* Marsh (Braconidae: Hymenoptera) on Sugarcane Borers in the Punjab. *J.Insect Sci.* 3: 53-56.

EcoReference No.: 109653

Chemical of Concern: DDT,CBL,CYP,DM,DMT,ES,FNV,MLN,OXD,PMR,PHSL,PPHD ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,MLN),OK(ES,DMT,DDT),NO ENDPOINT(DM,FNV,CYP,PMR,OXD).

Silkina, N. I., Mikryakov, V. R., and Zharikova, A. N. (2002-). Modification of Parameters of Lipid Metabolism in Carp *Cyprinus carpio* in the Presence of Carbophos. *J.Ichthyol.* 42: 406-411.

EcoReference No.: 72824

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Singh, M., Sharma, P. L., and Dhaliwal, H. S. (1974). Toxicity of Insecticides to Honeybee Workers, *Apis cerana indica* F. *Pesticides* 8: 28-29.

EcoReference No.: 107122

Chemical of Concern: DMT,DDVP,DZ,MP,EPRN,CBL,ES,DDT,MLN,PPHD; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,MLN),OK(DMT,DDVP,DZ,MP,ES).

Singh, S. and Sahai, S. (1984). Toxicity of Some Pesticide to Two Fresh Water Teleosts. *J.Environ.Biol.* 5: 255-259.

EcoReference No.: 10763

Chemical of Concern: ES,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN),OK(ES).

Sinha, N., Lal, B., and Singh, T. P. (1992). Thyroid Physiology Impairment by Malathion in the Freshwater Catfish *Clarias batrachus*. *Ecotoxicol.Environ.Saf.* 24: 17-25.

EcoReference No.: 89093

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(MLN).

Stevens, J. T., Stitzel, R. E., and McPhillips, J. J. (1972). The Effects of Subacute Administration of Anticholinesterase Insecticides on Hepatic Microsomal Metabolism. *Life Sci.* 11: 423-431.

EcoReference No.: 95537

Chemical of Concern: MLN,PRN,DS,CBL; Habitat: T; Effect Codes: MOR,PHY,BCM; Code: LITE EVAL CODED(DS,CBL,MLN).

Stevens, M. M. and Warren, G. N. (1995). Efficacy of Malathion Seed Treatments for Chironomid Control in Aerially-Sown Rice Crops. *Int.J.Pest Manag.* 41: 157-160.

EcoReference No.: 89015

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP,MOR,GRO; Code: LITE EVAL CODED(MLN).

Tarhoni, M. H., Lister, T., Ray, D. E., and Carter, W. G. (2008). Albumin Binding as a Potential Biomarker of Exposure to Moderately Low Levels of Organophosphorus Pesticides. *Biomarkers* 13: 343-363.

EcoReference No.: 108901

Chemical of Concern: PIRM,DZ,AZM,MLN,CPYO; Habitat: T; Effect Codes: BCM,ACC; Code: LITE EVAL CODED(MLN),NO IN VITRO(CPYO),OK(PIRM,DZ).

Thompson, L. S. and Sanderson, J. B. (1977). Pea Moth Control in Field Peas with Insecticides and the Effect on Crop Yield. *J.Econ.Entomol.* 70: 518-520.

EcoReference No.: 114763

Chemical of Concern: MLN,TCF,CBL,PRT,DS,MOM,DMT,CBF; Habitat: T; Effect Codes: POP,BCM; Code: LITE EVAL CODED(MLN,CBL,MOM),OK(PRT,TCF,DS,DMT,CBF).

Tikar, S. N., Kumar, A., Prasad, G. B. K. S., and Prakash, S. (2009). Temephos-Induced Resistance in *Aedes aegypti* and Its Cross-Resistance Studies to Certain Insecticides from India. *Parasitol.Res.* 105: 57-63.

EcoReference No.: 117636

Chemical of Concern: CPY,PMR,FNTH,DDT,PPX,LCYT,TMP,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(MLN),OK(TMP,CPY),TARGET(LCYT,PMR,PPX).

Vazquez-Garcia, M. (1983). Investigations of the Potentiality of Resistance to *Bacillus thuringiensis* Ser. H-14 in *Culex quinquefasciatus* Through Accelerated Selection Pressure in the Laboratory. *Ph.D.Thesis; University of California, Riverside, CA* 222 p. (UMI #8323446).

EcoReference No.: 114701

Chemical of Concern: DDT,PPB,TMP,MLN,PPX,PCPMR,DM; Habitat: A; Effect Codes: MOR,GRO,REP; Code: LITE EVAL CODED(DM,MLN,PCPMR),OK(PPX,TMP),NO MIXTURE(PPB).

Vedamanikam, V. J. (2009). Formation of Resistance in the *Chironomus plumosus* to Four Pesticides over 45 Generations. *Toxicol.Environ.Chem.* 91: 187-194.

EcoReference No.: 118362

Chemical of Concern: CPY,CPYM,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLN),OK(CPY,CPYM).

Webb, C. M. and Crain, D. A. (2006). Effects of Ecologically Relevant Doses of Malathion on Developing *Xenopus laevis* Tadpoles. *BIOS (Florence)* 77: 1-6.

EcoReference No.: 118382

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH,MOR,GRO; Code: LITE EVAL CODED(MLN).

Yu, S. J., Robinson, F. A., and Nation, J. L. (1984). Detoxication Capacity in the Honey Bee, *Apis mellifera* L. *Pestic.Biochem.Physiol.* 22: 360-368.

EcoReference No.: 89109

Chemical of Concern: AND,DDT,PMR,MLN,CBL,MXC,DFZ; Habitat: T; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MLN,CBL,DFZ,MXC,PMR),NO TOX DATA(AND,DDT).

II. Acceptable to EcoTox but not to OPP

A. October 2008 Refresh

1967). 1431. Malathion and Carbaryl Teratogenic to Hens. *Food and Cosmetics Toxicology* 5: 827.

Chemical of Concern: MLN; Habitat: AT

1969). 1769. Toxicity Differential in Optically-Active Isomers of Organophosphates: Hassan, A. & Dauterman, W. C. (1968). Studies on the Optically Active Isomers of O,O-Diethyl Malathion and O,O-Diethyl Malaoxon. *Biochem. Pharmac.* 17, 1431. *Food and Cosmetics Toxicology* 7: 388.

Chemical of Concern: MLN; Habitat: AT

1969). 1770. Structure and Activity Among the Malathions and Malaoxons: Chiu, Y. C., Hassan, A., Guthrie, F. E. & Dauterman, W. C. (1968). Studies on a Series of Branched-Chain Analogs of Diethyl Malathion and Malaoxon With Regard to Toxicity and in Vitro Enzymatic Reactions. *Toxic. Appl. Pharmac.* 12, 219. *Food and Cosmetics Toxicology* 7: 388-389.

Chemical of Concern: MLN; Habitat: AT

1969). 1833. The Malathion Hazard: a Crucial Experiment: Gardner, A. L. & Iverson, R. E. (1968). The Effect of Aerially Applied Malathion on an Urban Population. *Archs Envir. Hlth* 16, 823. *Food and Cosmetics Toxicology* 7: 687.

Chemical of Concern: MLN; Habitat: T

1970). 1982. Red Light for Malathion?: Greenberg, J. & Laham, Q. N. (1969). Malathion-Induced Teratisms in the Developing Chick. *Can. J. Zool.* 1969, 47, 539. *Food and Cosmetics Toxicology* 8: 463-464.

Chemical of Concern: MLN; Habitat: T

1971). 2207. Organophosphate Potentiation: a New Hazard for Wildlife : Cohen, S.d. & Murphy, S.d. (1970).

Comparative Potentiation of Malathion by Triorthotolyl Phosphate in Four Classes of Vertebrates. *Toxic. Appl. Pharmac.* 16, 701. *Food and Cosmetics Toxicology* 9: 744.

Chemical of Concern: MLN; Habitat: AT

1965). 918. Some Progress With the Chick Embryo Technique: Mclaughlin, J., Jr., Marliac, J.-P., Verrett, M. Jacqueline & Fitzhugh, O. G. (1965). Toxicity of Some Food Additive Chemicals as Measured by the Chick Embryo Technique. *Toxic Appl. Pharmac.* 7, 491. Abaza, R., Denney, A., Millar, H. C. & Greenwood, D. A. (1965). Toxicity and Biological Effects of 1,2-Benzpyrene, 1,2,5,6-Dibenzanthracene and 3-Methylcholanthrene in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 478. Ghadiri, M. & Greenwood, D. A. (1965). Toxicity and Biological Effects of Malathion, Phosdrin, and Sevin in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 484. Marliac, J.-P., Verrett, M. Jacqueline, Mclaughlin, J., Jr. & Fitzhugh, O. G. (1965). A Comparison of Toxicity Data Obtained for Twenty-One Pesticides by the Chicken Embryo Technique With Acute, Oral Ld50's in Rats. *Toxic. Appl. Pharmac.* 7, 490. Khera, K. S., Laham, Q. M. & Grice, H. C. (1965). Toxic Effects Induced by Inoculation of Epn and Systox Into Duck Eggs. *Toxic. Appl. Pharmac.* 7, 488. *Food and Cosmetics Toxicology* 3: 878-879.

Chemical of Concern: MLN; Habitat: T

1963). 93. Malathion Toxicity in Second Generation. *Food and Cosmetics Toxicology* 1: 125.

Chemical of Concern: MLN; Habitat: AT

1996). Characteristic Levels of Some Pesticides and Heavy Metals in Imported Fish. *Food Chemistry* 57: 487-492.

Chemical of Concern: MLN; Habitat: A

1991). Determination of Insecticides in Water by the Inhibition of Cholinesterase Au - Beutler H-O. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 26-29.

Chemical of Concern: MLO; Habitat: A

1990). Fate of Sulfur-Containing Pesticide Degradation Products in Soil and Water Au - Miles Cj. *200th american chemical society national meeting, washington, d.c., Usa, august 26-31, 1990. Abstr pap am chem soc* 200: Agro 47.

Chemical of Concern: MLN; Habitat: AT

Joint Environmental Assessment 1997--2001 of the California Department of Food and Agriculture Curly Top Virus Control Program for Bureau of Land Management and Department of Energy. *Govt reports announcements & index (gra&i), issue 05, 2098.*

Chemical of Concern: MLN; Habitat: T

List of the Organic Micropollutants Found in Some Fresh Waters, Effluents, Aquatic Plants and Animals, and Bottom Sediments. *Epa/ots; doc #40-7642395.*

Chemical of Concern: MLN; Habitat: A

1997). Low Dose Effect of Malathion in Mice. *Food and Chemical Toxicology* 35: 1229.

Chemical of Concern: MLN; Habitat: T

Mexican Fruit Fly Cooperative Eradication Program: San Bernardino/Riverside Counties, California, Environmental Assessment, August 1999. *Govt reports announcements & index (gra&i), issue 17, 2001.*

Chemical of Concern: MLN; Habitat: T

Prevention Pays for Farmworkers. *Environ health perspect.* 2007, jan; 115(1):a28. [Environmental health perspectives]: *Environ Health Perspect.*

Chemical of Concern: MLN; Habitat: T

Public Health Assessment for Fmc Corporation Yakima Pit, Yakima, Yakima County, Washington, Region 10. Cerclis No. Wad000643577. *Govt reports announcements & index (gra&i), issue 10, 2094.*

Chemical of Concern: MLN; Habitat: AT

Support Document for the Sara Section 110 "Second 100" List (Draft). *Epa/ots; doc #110-881013.*

Chemical of Concern: MLN; Habitat: t

Toxicity Screening Using Microtox (Tm). *Epa/ots; doc #878213668.*

Chemical of Concern: MLN; Habitat: AT

Toxicity Screening Using Microtox With Cover Letter. *Epa/ots; doc #fyi-ots-0883-0251.*

Chemical of Concern: MLN; Habitat: AT

Toxicological Information About Insecticides Used for Eradicating Mosquitoes (West Nile Virus Control). *Govt reports announcements & index (gra&i), issue 10, 2006.*

Chemical of Concern: MLN; Habitat: AT

Toxicological Profile for Malathion. *Govt reports announcements & index (gra&i), issue 13, 2004.*

Chemical of Concern: MLN; Habitat: AT

Abd El-Magid, M. M. (1986). Effect of Some Pesticides on the Growth of Blue-Green Alga *Spirulina platensis*. *C.A.Sel.-Environ.Pollut.* 26: (ABS No.105-220575t).

EcoReference No.: 12706

Chemical of Concern: CuS,CBL,HCCH,MLN,DDT,PIRM; Habitat: A; Effect Codes: POP; Code: NO ABSTRACT,NO ENDPOINT,NO CONTROL(ALL CHEMS).

Abd-Elraof, T. K., Dauterman, W. C., and Mailman, R. B. (1981). In Vivo Metabolism and Excretion of Propoxur and Malathion in the Rat: Effect of Lead Treatment. *Toxicol.Appl.Pharmacol.* 59: 324-330.

EcoReference No.: 90822

Chemical of Concern: Pb,MLO,MLN,PPX; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(MLO,MLN).

Abdel-Halim, K. Y., Salama, A. K., El-khateeb, E. N., and Bakry, N. M. (2006). Organophosphorus Pollutants (Opp) in Aquatic Environment at Damietta Governorate, Egypt: Implications for Monitoring and Biomarker Responses. *Chemosphere* 63: 1491-1498.

Chemical of Concern: MLN; Habitat: A

Abdul-Ghaffar NUAMA (1997). Transient Diabetes Insipidus Complicating Severe Suicidal Malathion Poisoning.

Journal of Toxicology: Clinical Toxicology. Vol. 35, no. 2, pp. 221-222. 1997.

Chemical of Concern: MLN; Habitat: T

Abdullah, A. R., Sulaiman, A. H., and Zakaria, Z. (1996). Distribution and Excretion of [14C]-Malathion in Haruan (*Channa striata*) Subjected to Acute Exposure of the Insecticide. *Malays.Appl.Biol.* 25: 19-23.

EcoReference No.: 89029

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Abelentseva GMSedykh AS and Popov, P. V. (1975). Toxicity of Insecticides for Mosquito *Culex Pipiens Molestus* Larvae. *Med. Parazitol. Parazit. Bolezn. Vol. 44, no. 6, pp. 687-690. 1975.*

Chemical of Concern: MLN; Habitat: AT

Abernathy, C. O. and Casida, J. E. (1973). Pyrethroid Insecticides: Esterase Cleavage in Relation to Selective Toxicity. *Science* 179: 1235-1236.

Chemical of Concern: BRSM,MLN,TBF,RSM; Habitat: T; Code: NO REVIEW(BRSM,MLN,TBF,RSM).

Abiola, F. A., Karimou, M., and Houeto, P. (1991). Cholinesterase Activity in Bovine Ticks and Its Inhibition in Vitro by Organophosphates Acaricids. *Revue de Medecine Veterinaire [REV. MED. VET.]*. Vol. 142, no. 2, pp. 147-152. 1991.

Chemical of Concern: MLN; Habitat: AT

Abo-Amer, A. E. (Involvement of Chromosomally-Encoded Genes in Malathion Utilization by *Pseudomonas Aeruginosa* Aa112. *Acta microbiol immunol hung.* 2007, sep; 54(3):261-77. [*Acta microbiologica et immunologica hungarica*]: *Acta Microbiol Immunol Hung.*

Chemical of Concern: MLN; Habitat: T

Abo-El-Seoud, M. A. and Shams-El-Din, A. M. (1996). Ascending and Descending Translocation of 14C-Malathion in Plant-Soil Ecosystem. *Int.J.Environ.Stud.* 49: 219-226 .

EcoReference No.: 72895

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Abo-El-Seoud, M. A., Shams El-Din, A. M., Danial, L. N., and Ahmed, S. M. (1995). Residues and Persistence of Some Organophosphorus Insecticides Applied to Cabbage Plants. *Food Chem.* 54: 137-140.

EcoReference No.: 81648

Chemical of Concern: MLN,PIRM; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(MLN,PIRM).

Abou-Arab, A. A. K. and Abou Donia, M. A. (2001). Pesticide Residues in Some Egyptian Spices and Medicinal Plants as Affected by Processing. *Food Chemistry* 72: 439-445.

Chemical of Concern: MLN; Habitat: T

Abou-Arab, A. A. K., Kawther, M. Soliman, El Tantawy Me, Badeaa, R. Ismail, and Khayria, N. (1999). Quantity Estimation of Some Contaminants in Commonly Used Medicinal Plants in the Egyptian Market. *Food chemistry* 67: 357-363.

Chemical of Concern: MLN; Habitat: T

Abou-Arab a Ak (Behavior of Pesticides in Tomatoes During Commercial and Home Preparation.

Chemical of Concern: MLN; Habitat: T

Abou Zeid, A. A., Hussein, H. A., and Shahin, A. A. (2002). Aspects of high Concentrations of Certain Organophosphorus Insecticides on the Activity and Structure of Some Biodegrading Soil Fungi and Their Response to gamma Radiation. *New Egypt.J.Microbiol.* 1: 40-60.

Chemical of Concern: PFF,MLN; Habitat: T; Code: NO SOURCE.

Abraham, S. and Edery, H. (Rapid Spontaneous Reactivation of Cholin Esterase Inhibited by Malaoxon. *Isr j med sci*; 12 (12). 1976 (recd 1977) 1524.

Chemical of Concern: MLO; Habitat: T

Abu-El-Sha'R, W. Y. and Gharaibeh, S. H. (1999). Manufacturing and Environmental Applications of Granular Activated Carbon From Processed Solid Residue of Olive Mill Products (Jeft). *Toxicological and Environmental Chemistry*, 68 (1-2) pp. 43-52, 1999.

Chemical of Concern: MLN; Habitat: T

Abu, J. F. and Ellis, C. R. (1977). Toxicity of Five Insecticides to the Alfalfa Weevil, *Hypera postica*, and Its Parasites, *Bathyplectes curculionis* and *Microctonus aethiopoides*. *Environ.Entomol.* 6: 385-389.

EcoReference No.: 98004

Chemical of Concern: CBF,CBL,MLN,PSM,MXC; Habitat: T; Effect Codes: MOR; Code: EFFICACY(PSM),TARGET(CBF,MLN).

Acorn, T. and Gibson, M. A. (1979). Histogenesis of the Yolk Sac in Malathion-Treated Chick Embryos. *Can.J.Zool.* 57: 2325-2330.

EcoReference No.: 35556

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: NO ENDPOINT(MLN).

Adachi, K., Ohokuni, N., and Mitsuhashi, T. (1984). Simple Analytical Method for Organophosphorus Pesticide Determination in Unpolished Rice, Using Removal of Fats by Zinc Acetate. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 67, no. 4, pp. 798-800. 1984.

Chemical of Concern: MLN; Habitat: T

Adachi, T. (1998). Change in Control of the Diamondback Moth (*Plutella xylostella* Linne) in Japan. *Agrochem.Jpn* 0: 2-7.

EcoReference No.: 93205

Chemical of Concern: FNV,MLN,ACP; Habitat: T; Effect Codes: POP,MOR; Code: NO CONTROL,NO ENDPOINT(TARGET-FNV,MLN,ACP).

Adams, J. B. and Drew, M. E. (1965). Grain Aphids in New Brunswick. III. Aphid Populations in Herbicide-Treated Oat Fields. *Can.J.Zool.* 43: 789-794.

EcoReference No.: 81639

Chemical of Concern: MLN,DMDP; Habitat: T; Effect Codes: POP; Code: TARGET MLN.

Adlung, K. G. (1957). The Toxicity of Insecticidal and Acaricidal Agents to Fish (Zur Toxizitat Insektizider und Akarizider Wirkstoffe fur Fische). *Naturwissenschaften* 44: 471-472.

EcoReference No.: 935

Chemical of Concern: TXP,AND,MTAS,HPT,DDT,DZ,HCCH,MLN,PYN,RTN,EN,DEM; Habitat: A; Effect Codes: MOR; Code: NO CONTROL,NO FOREIGN(ALL CHEMS).

Agarwal, S. and Nair, N. B. (1989). Physiological Effect of Malathion on the Brain of Sarotherodon mossambicus. *Curr.Sci.* 58: 1046-1047.

EcoReference No.: 2960

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ageda, Saori, Fuke, Chiaki, Ihama, Yoko, and Miyazaki, Tetsuji (2006). The Stability of Organophosphorus Insecticides in Fresh Blood. *Legal Medicine* 8: 144-149.

Chemical of Concern: MLN; Habitat: T

Aguera, A., Contreras, M., and Fernandez-Alba, A. R. (1993). Gas Chromatographic Analysis of Organophosphorus Pesticides of Horticultural Concern. *Journal of chromatography a* 655: 293-300.

Chemical of Concern: MLN; Habitat: T

Aguilar, C., Borrull, F., and Marce, R. M. (1997). Determination of Pesticides in Environmental Waters by Solid-Phase Extraction and Gas Chromatography With Electron-Capture and Mass Spectrometry Detection. *Journal of chromatography a* 771: 221-231.

Chemical of Concern: MLN; Habitat: AT

Aguilar, C., Ferrer, I., Borrull, F., Marce, R. M., and Barcelo, D. (1998). Comparison of Automated on-Line Solid-Phase Extraction Followed by Liquid Chromatography-Mass Spectrometry With Atmospheric Pressure Chemical Ionization and Particle Beam Mass Spectrometry for the Determination of a Priority Group of Pesticides in Environmental Waters. *Journal of chromatography a* 794: 147-163.

Chemical of Concern: MLN; Habitat: A

Ahamad, I. K., Begum, M. R., Sivaiah, S., and Rao, K. V. R. (1978). Effect of Malathion on Free Amino Acids, Total Proteins, Glycogen and Some Enzymes of Pelecypod Lamellidens marginalis (Lamarck). *Proc.Indian Acad.Sci.Anim.Sci.* 87 B: 377-380.

EcoReference No.: 6800

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ahamad, I. K., Rao, K. V. R., and Swami, K. S. (1978). Effect of Malathion on Enzyme Activity in Foot, Mantle and Hepatopancreas of Snail Pila globosa. *Indian J.Exp.Biol.* 16: 258-260.

EcoReference No.: 8254

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Ahamad, I. K., Sethuraman, M., Begum, R., and Rao, K. V. R. (1979). Effect of Malathion on Ciliary Activity of Fresh Water Mussel, Lamellidens marginalis (Lamarck). *Comp.Physiol.Ecol.* 4: 71-73.

EcoReference No.: 6738

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Ahamad, I. K., Sivaiah, S., and Rao, K. V. R. (1979). On the Possible Significance of the Changes in Organic Constituents in Selected Tissues of Malathion Exposed Snail, *Pila globosa* (Swainson). *Comp.Physiol.Ecol.* 4: 81-83.

EcoReference No.: 6739

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ahmad, H. and Rizvi, S. M. A. (1994). Efficacy of Pyrethroids and Some Conventional Insecticides Against *Earias vitella* in Okra. *Indian J.Plant Prot.* 22: 65-68.

EcoReference No.: 89018

Chemical of Concern: DM,CYP,PMR,FNV,PPHD,DMT,MLN,CBL; Habitat: T; Effect Codes: POP; Code: OK(DM,CYP,PMR,FNV,PPHD),OK TARGET(CBL),NO TARGET,NO CROP(MLN,DMT).

Ahmad, N., Bugueno, G., Guo, L., and Marolt, R. (1999). Determination of Organochlorine and Organophosphate Pesticide Residues in Fruits, Vegetables and Sediments. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 34: 829-848.

Chemical of Concern: MLN; Habitat: AT

Ahmed, F. E., Hattis, D., Wolke, R. E., and Steinman, D. (1993). Risk Assessment and Management of Chemical Contaminants in Fishery Products Consumed in the Usa. *Journal of applied toxicology* 13: 395-410.

Chemical of Concern: MLN; Habitat: AT

Ahmed, S. and Wilkins, R. M. (2002). Studies on Some Enzymes Involved in Insecticide Resistance in Fenitrothion-Resistant and -Susceptible Strains of *Musca domestica* L. (Dipt, Muscidae). *J.Appl.Entomol.* 126: 510-516.

EcoReference No.: 103047

Chemical of Concern: TBF,FNT,PPB,MLN,PMR; Habitat: T; Effect Codes: BCM,MOR; Code: TARGET(FNT,MLN,PMR),NO MIXTURE(PPB,TBF).

Ahsan, S. M. I. (1986). Fecundity Changes in *Anabas testudineus* Consequent on 30 Days Exposure to Safe Concentration of Cythion. *Ann.Zool.* 24: 101-113.

EcoReference No.: 89460

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,REP,CEL; Code: NO ENDPOINT(MLN).

Aitken, M. D., Heck, P. E., Mines, R. O., and Sherrard, J. H. (1992). Activated Sludge. *Water environ res* 64: 347-359.

Chemical of Concern: MLN; Habitat: A

Ajami, A. M. (1975). Inhibitors of Ester Hydrolysis as Synergists for Biological Activity of *Cecropia* Juvenile Hormone. *J.Insect Physiol.* 21: 1017-1025.

EcoReference No.: 98000

Chemical of Concern: PPX,CBL,PRN,CBF,PSM,MLN,DMT,DZ,CPY,TMP; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(PSM,DZ,TMP,CPY,DMT),NO CONTROL,NO ENDPOINT(ALL CHEMS),TARGET(CBF).

Akay, M. T. and Kolankaya, D. (1989). Bioavailability of Bound Residues of 14C-Malathion in Stored Wheat Grains to Rats. *Doga Turk.Zool.Derg* 13: 47-53.

EcoReference No.: 89885

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,PHY; Code: NO

CONTROL,ENDPOINT(MLN).

Akey, W. C., Russell, T., Alford, C., Morrison, T., and Denning, M. (1997). Will the Toad Croak? An Endangered Species Decision Case. *Journal of natural resources and life sciences education* 26: 148-156.

Chemical of Concern: MLN; Habitat: AT

Akguer, S. A., Oeztuerk, P., Soezmen, E. Y., Delen, Y., Tanyalcin, T., and Ege, B. (1999). Paraoxonase and Acetylcholinesterase Activities in Humans Exposed to Organophosphorous Compounds. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 58, no. 8, pp. 469-474. 1999.

Chemical of Concern: MLN; Habitat: T

Akio Koizumi, Leslie Hasegawa, Thomas, Imad K., and Toshiko Imamura (1986). Effect of Induction of T-Cell-Dependent Antibody With Sheep Red Blood Cells on P-450-Dependent and -Independent Xenobiotic Metabolizing Enzymes. *Biochemical Pharmacology* 35: 2743-2748.

Chemical of Concern: MLN; Habitat: T

Akiyama, Y., Yoshioka, N., Yano, M., Mitsuhashi, T., Takeda, N., Tsuji, M., and Matsushita, S. (1997). Pesticide Residues in Agricultural Products (F.Y. 1994-1996). *J.Food Hyg.Soc.Jpn.* 38: 381-389 (JPN).

EcoReference No.: 97461

Chemical of Concern:

FNT,ACP,DZ,DDVP,MTM,CYP,EFX,FNV,FVL,PMR,MOM,BFZ,IPD,TFZ,CYF,TFY,MLN,BPH,ILL,T
BA,DPHP,ES,DM,BTN,FRM,IPD,MYC,TDF,TDM; Habitat: T; Code: NO FOREIGN(ALL CHEMS).

Al-Khatib, Z. I. (1985). Isolation of an Organophosphate Susceptible Strain of *Culex quinquefasciatus* from a Resistant Field Population by Discrimination Against Esterase-2 Phenotypes. *J.Am.Mosq.Control Assoc.* 1: 105-107.

EcoReference No.: 11000

Chemical of Concern: CPY,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,CPY).

Al-Qarawi, A. A. and Adam, S. E. I. (2003). Effects of Malathion Plus Superphosphate or Urea on Najdi Sheep. *Vet.Hum.Toxicol.* 45: 3-5.

EcoReference No.: 88957

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL,PHY,MOR; Code: NO DOM(MLN).

Al-Rifai, J. and Akeel, N. (1997). Determination of Pesticide Residues in Imported and Locally Produced Honey in Jordan. *Journal of apicultural research* 36: 155-161.

Chemical of Concern: MLN; Habitat: AT

Al-Sabti, K. (1985). Frequency of Chromosomal Aberrations in the Rainbow Trout, *Salmo gairdneri* Rich., Exposed to Five Pollutants. *J.Fish Biol.* 26: 13-19.

EcoReference No.: 10598

Chemical of Concern: MLN,DM; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Al-Wakil, A. M., Farag, A. B., Yousef, A. M., and Tollan, K. A. (1994). Separation and Preconcentration of Malathion and Azamethiphos by Unloaded Polyurethane Foams. *Qatar university science journal* 14: 14-17.

Chemical of Concern: MLN; Habitat: AT

Alam, M. K. and Maughan, O. E. (1993). Acute Toxicity of Selected Organophosphorus Pesticides to *Cyprinus carpio* and *Barilius vagra*. *J.Environ.Sci.Health Part B* 28: 81-89.

EcoReference No.: 7219

Chemical of Concern: DZ,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(DZ,MLN).

Alam, M. K. and Maughan, O. E. (1992). The Effect of Malathion, Diazinon, and Various Concentrations of Zinc, Copper, Nickel, Lead, Iron, and Mercury on Fish. *Biol.Trace Elem.Res.* 34: 225-236.

EcoReference No.: 7085

Chemical of Concern: MLN,DZ,Zn,CuS,Ni,Pb,Fe,Hg; Habitat: A; Effect Codes: MOR,ACC; Code: LITE EVAL CODED(CuS,OW-TRV-Cu),NO PUBL AS(DZ,MLN) .

Albanis, T. A. and Hela, D. G. (1995). Multi-Residue Pesticide Analysis in Environmental Water Samples Using Solid-Phase Extraction Discs and Gas Chromatography With Flame Thermionic and Mass-Selective Detection. *Journal of chromatography a* 707: 283-292.

Chemical of Concern: MLN; Habitat: A

Albanis, T. A., Hela, D. G., Sakellarides, T. M. , and Konstantinou, I. K. (1998). Monitoring of Pesticide Residues and Their Metabolites in Surface and Underground Waters of Imathia (N. Greece) by Means of Solid-Phase Extraction Disks and Gas Chromatography. *Journal of chromatography a* 823: 59-71.

Chemical of Concern: MLN; Habitat: A

Albert, A., Gilbertson, M. K., Drouillard, K. G. , Haffner, G. D., and Dixon, B. ([nd]). Contaminant-Induced Immunosuppression in Northern Leopard Frogs (*Rana Pipiens*). *Conference on Great Lakes Research, Winnipeg [Canada], 2-6 Jun 2002* 1-2.

Chemical of Concern: MLN; Habitat: AT

Aldana-Madrid, M. L., Valdez-Hurtado, S., Vargas-Valdez, N. D., Salazar-Lopez, N. J., Silveira-Gramont, M. I., Loarca-PiÑ, A, F. G., RodrÍ, Guez-Olibarria, G., Wong-Corral, F. J., Borboa-Flores, J., Burgos-HernÁ, and Ndez, A. (Insecticide Residues in Stored Grains in Sonora, Mexico: Quantification and Toxicity Testing. *Bull environ contam toxicol.* 2008, feb; 80(2):93-6. [*Bulletin of environmental contamination and toxicology*]: *Bull Environ Contam Toxicol*.

Chemical of Concern: MLN; Habitat: T

Aleem, Asma and Malik, Abdul (2005). Genotoxicity of the Yamuna River Water at Okhla (Delhi), India. *Ecotoxicology and Environmental Safety* 61: 404-412.

Chemical of Concern: MLN; Habitat: A

Alford, A. L. (Supplementary Interpretations of the Nmr Spectra of Phosphorus Pesticides. Au - Keith Lh. *Anal. Chim. Acta*; 44(2), 447-8, 1969; (ref:2).

Chemical of Concern: MLO; Habitat: AT

Alho, C. Jr and Vieira, L. M. (1997). Fish and Wildlife Resources in the Pantanal Wetlands of Brazil and Potential Disturbances From the Release of Environmental Contaminants. *Environmental toxicology and chemistry* 16: 71-74.

Chemical of Concern: MLN; Habitat: T

Ali, A. and Mulla, M. S. (1978). Declining Field Efficacy of Chlorpyrifos Against Chironomid Midges and Laboratory Evaluation of Substitute Larvicides. *J.Econ.Entomol.* 71: 778-782.

EcoReference No.: 6268

Chemical of Concern: CYP,FNV,TMP,CPY,MLN,FNTH,DM; Habitat: A; Effect Codes: POP,MOR; Code: NO CONTROL(ALL CHEMS).

Ali, A. and Mulla, M. S. (1977). The IGR Diflubenzuron and Organophosphorus Insecticides Against Nuisance Midges in Man-Made Residential-Recreational Lakes. *J.Econ.Entomol.* 70: 571-577.

EcoReference No.: 5170

Chemical of Concern: DFZ,CPY,MP,TMP,FNTH,MLN,EPRN; Habitat: A; Effect Codes: POP,MOR; Code: NO CONTROL(ALL CHEMS).

Ali, A. and Mulla, M. S. (1976). Insecticidal Control of Chironomid Midges in the Santa Ana River Water Spreading System, Orange County, California. *J.Econ.Entomol.* 69: 509-513.

EcoReference No.: 181

Chemical of Concern: TMP,FNTH,MLN,MP,EPRN,CPY; Habitat: A; Effect Codes: MOR,POP; Code: NO CONTROL(ALL CHEMS).

Ali, I. and Jain, C. K. (2001). Pollution Potential of Pesticides in the Hindon River, India. *Journal of Environmental Hydrology [J. Environ. Hydrol.]*. Vol. 9, [np]. 2001.

Chemical of Concern: MLN; Habitat: A

Ali, K. H. and Wheelock, J. V. (1973). Persistence of Pesticides in River Water. *Int. J. Environ. Stud.* Vol. 5, no. 1, pp. 63-64. 1973.

Chemical of Concern: MLN; Habitat: A

Allen, S. E., Parkinson, J. A., and Rowland, A. P. (1989). Pollutants. Allen, s. E. (Ed.). *Chemical analysis of ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa* Oxford, england, uk. Illus. Isbn 0-632-01742-2.; 0: 201-239.

Chemical of Concern: MLN; Habitat: T

Alomenu, H. S. (1985). Current Trends in African Migratory Locust Locusta-Migratoria-Migratorioides Plague Prevention. *Outlook agric* 14: 165-173.

Chemical of Concern: MLN; Habitat: T

Altstein, M., Segev, G., Aharonson, N., Ben-Aziz, O., Turniansky, A., and Avnir, D. (1998). Sol-Gel-Entrapped Cholinesterases: a Microtiter Plate Method for Monitoring Anti-Cholinesterase Compounds. *Journal of agricultural and food chemistry* 46: 3318-3324.

Chemical of Concern: MLN; Habitat: AT

Amaraneni, S. R. and Pillala, R. R. (2001). Concentrations of Pesticide Residues in Tissues of Fish From Kolleru Lake in India. *Environmental Toxicology [Environ. Toxicol.]*. Vol. 16, no. 6, pp. 550-556. 2001.

Chemical of Concern: MLN; Habitat: A

Amer, S. M., Fahmy, M. A., and Donya, S. M. (1996). Cytogenetic Effect of Some Insecticides in Mouse Spleen. *J.Appl.Toxicol.* 16: 1-3.

EcoReference No.: 75291

Chemical of Concern: CPY,CBL,DDT,MLN,MOM; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(ALL CHEMS).

Anandhi, D. U. and Murthy, P. S. (1997). Malathion Induced Histochemical Changes in the Hepatocytes Tissue of Gobiid Fish, *Glossogobius giuris*. *J.Ecotoxicol.Environ.Monit.* 7: 3-9.

EcoReference No.: 46975

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL; Code: NO ENDPOINT(MLN).

Andersen, R. N. (1982). Variation in Growth Habit and Response to Chemicals Among Three Common Cocklebur (*Xanthium strumarium*) Selections. *Weed Sci.* 30: 339-343.

EcoReference No.: 41284

Chemical of Concern: BT,MLN; Habitat: T; Effect Codes: GRO,PHY; Code: NO ENDPOINT,NO CONTROL(MLN),OK(BT).

Anderson, B. G. (1960). The Toxicity of Organic Insecticides to Daphnia. In: C.M.Tarzwell (Ed.), *Biological Problems in Water Pollution, Trans.2nd Seminar, April 20-24, 1959, Tech.Rep.W60-3, U.S.Public Health Service, R.A.Taft Sanitary Engineering Center, Cincinnati, OH* 94-95.

EcoReference No.: 2157

Chemical of Concern: EN,DL,D,HPT,DDT,MXC,PRN,MLN,DZ,AND; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(ALL CHEMS).

Anderson, J. F. and Glowa, W. (1984). Insecticidal Poisoning of Honey Bees in Connecticut. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 13, no. 1, pp. 70-74. 1984.

Chemical of Concern: MLN; Habitat: T

Anderson, L. D. and Atkins, E. L. Jr. (1966). 1965 Research on the Effect of Pesticides on Honey Bees. *Am.Bee J.* 106: 206-208.

EcoReference No.: 104767

Chemical of Concern: MLN,PRT,TVP,TCF,AZ,CBL,CBF,PRN,DDT,OXD,EPTC,TBF,DMB,CAP; Habitat: T; Effect Codes: MOR,POP; Code: NO DURATION(CBF,AZ,CBL,OXD,EPTC,TBF,DMB,CAP),NO ENDPOINT(MLN,TVP,PRT,TCF).

Anderson, M. and Barrett, C. (1991). International Conference on Critical Target Genes in Chemical Carcinogenesis Research Triangle Park North Carolina Usa September 10-14 1989. *Environ health perspect* 93: 3-277.

Chemical of Concern: MLO; Habitat: AT

Anderson, R. L. and Shubat, P. (1983). Insecticide Effects on Normal Development and Hatch of Embryos of *Paratanytarsus parthenogeneticus* (Diptera: Chironomidae). *Great Lakes Entomol.* 16: 177-181.

EcoReference No.: 10230

Chemical of Concern: FNT,MLN,EN,PCP; Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(PCP),OK(FNT),NO ENDPOINT(MLN,EN)// NO SPECIES,RESIDUE,COC(PCB)//.

Andrade, C. F. S. (1990). Evaluation of the Sensitivity of the Adult *Culex quinquefasciatus* Say to Chemical Insecticides. *REV. SAUDE PUBL. SAO PAULO*. Vol. 24, no. 4, pp. 259-264. 1990.

Chemical of Concern: MLN; Habitat: AT

Andreu-Moliner, E. S., Almar, M. M., Legarra, I., and Nunez, A. (1986). Toxicity of Some Ricefield Pesticides to the Crayfish *p. clarkii*, Under Laboratory and Field Conditions in Lake Albufera (Spain). *J.Environ.Sci.Health Part B* 21: 529-537.

EcoReference No.: 12517

Chemical of Concern: CuS,CYF,MLT,CBF,FNT,MLN,TCF,CBL,ES,HCCH; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,CBF,CYF),NO MIXTURE(MLT),NO ENDPOINT(CuS,FNT,MLN,TCF,ES,HCCH).

Anees, M. A. (1975). Acute Toxicity of Four Organophosphorus Insecticides to a Freshwater Teleost *Channa punctatus* (Bloch). *Pak.J.Zool.* 7: 135-141.

EcoReference No.: 5648

Chemical of Concern: DMT,DZ,MLN,MP; Habitat: A; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(DZ,DMT),NO CONTROL(MLN),OK(MP).

Anees, M. A. (1974). Susceptibility of a Freshwater Teleost *Channa punctatus* to Acute, Sublethal and Chronic Levels of Organophosphorus Insecticides. *M.S.Thesis, University of Punjab, Pakistan, Xerox University Microfilms M-6941, Masters Abs.* 13: 103 p.

EcoReference No.: 5583

Chemical of Concern: DMT,DZ,MLN,MP; Habitat: A; Effect Codes: PHY,MOR; Code: LITE EVAL CODED(DZ,DMT),NO ENDPOINT(MLN,MP).

Angelidis, M. O., Markantonatos, P. G., Bacalis, N. C., and Albanis, T. A. (1996). Seasonal Fluctuations of Nutrients and Pesticides in the Basin of Evrotas River, Greece. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 31: 387-410.

Chemical of Concern: MLN; Habitat: AT

Ankley, G. T., Dierkes, J. R., Jensen, D. A., and Peterson, G. S. (1991). Piperonyl Butoxide as a Tool in Aquatic Toxicological Research with Organophosphate Insecticides. *Ecotoxicol.Environ.Saf.* 21: 266-274.

EcoReference No.: 821

Chemical of Concern: DZ,MLN,MP,PPB; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(DZ,PPB),OK(MP),NO CONTROL(MLN).

Anon (1994). Dengue Control Programme in Malaysia. *Kaohsiung journal of medical sciences* 10: S113-s115.

Chemical of Concern: MLN; Habitat: AT

Anon (1986). The Fuller Rose Beetle *Pantomorus-Cervinus*. *Citrograph* 71: 112-113.

Chemical of Concern: MLN; Habitat: T

Anon (1997). The Japan-Israel Workshop on Novel Approaches for Controlling Insect Pests and Plant Diseases, the Binational Plant Protection Cooperation, Kibbutz Ma'ala Hahamisha, Israel, July 12-17, 1997. *Phytoparasitica* 25: 345-366.

Chemical of Concern: MLN; Habitat: T

Anon (1988). Medfly in Los Angeles California Usa a Return Engagement. *Citrograph* 73: 216.

Chemical of Concern: MLN; Habitat: T

Anon (Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 11-20.

Chemical of Concern: MLN; Habitat: AT

Anon. (1992). Tentative Guidelines for Testing the Bioavailability and Toxicological Potential of Grain-Bound Pesticide Residues. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B: PESTIC., FOOD CONTAM., AGRIC. WASTES]*. Vol. B27, no. 4, pp. 427-431. 1992.

Chemical of Concern: MLN; Habitat: T

Ansari, B. A. and Kumar, K. (1987). Malathion Toxicity: Effect on the Ovary of the Zebra Fish *Brachydanio rerio* (Cyprinidae). *Int.Rev.Gesamten Hydrobiol.* 72: 517-528 .

EcoReference No.: 2656

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL; Code: NO ENDPOINT(MLN).

Ansari, B. A. and Kumar, K. (1984). Malathion Toxicity: In Vivo Inhibition of Acetylcholinesterase in the Fish *Brachydanio rerio* (Cyprinidae). *Toxicol.Lett.* 20: 283-287.

EcoReference No.: 11359

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ansari, B. A. and Kumar, K. (1987). Malathion Toxicity: Pathological Changes in the Liver of Zebrafish, *Brachydanio rerio* (Cyprinidae). *Bol.Fisiol.Anim.(Sao Paulo)* 11: 27-34.

EcoReference No.: 3878

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Ansari, B. A., Srivastava, R., and Kumar, K. (1986). Malathion Toxicity: Pathological Changes in the Ovary of Zebrafish, *Brachydanio rerio* (Cyprinidae). *Bol.Fisiol.Anim.(Sao Paulo)* 10: 95-101.

EcoReference No.: 89359

Chemical of Concern: MLN; Habitat: A; Effect Codes: REP,CEL; Code: NO ENDPOINT(MLN).

Ansari, M. A., Sharma, V. P., Razdan, R. K., and Mittal, P. K. (1990). Field Evaluation of Deltamethrin Against Resistant *Anopheles Culicifacies* in District Ghaziabad (Uttar pradesh) India. *Indian J.Malariol.* 27: 1-14.

Chemical of Concern: DM; Habitat: T; Code: NO COC(MLN).

Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1980). Effects of Insecticides on Thermotropic Lipid Phase Transitions. *Pesticide Biochemistry and Physiology* 14: 161-169.

Chemical of Concern: MLN; Habitat: AT

Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1981). Interactions of Insecticides With Erythrocyte Membranes. *Pesticide Biochemistry and Physiology* 15: 79-89.

Chemical of Concern: MLN; Habitat: T

Antunes-Madeira, M. C. and Madeira, V. Mc (1987). Partition of Malathion in Synthetic and Native Membranes.

Biochim biophys acta 901: 61-66.

Chemical of Concern: MLN; Habitat: AT

Antunes-Madeira, M. C. and Madeira, Vitor M. C. (1982). Interaction of Insecticides With the Ca²⁺-Pump Activity of Sarcoplasmic Reticulum. *Pesticide Biochemistry and Physiology* 17: 185-190.

Chemical of Concern: MLN; Habitat: T

Antunes-Madeira, M. Dc and Madeira, V. Mc (1989). Membrane Partitioning of Organophosphorus and Organochlorine Insecticides and Its Implications for Mechanisms of Toxicity. *Pestic sci* 26: 167-180.

Chemical of Concern: MLN; Habitat: T

Antunes-Madeira, M. Dc, Videira, R. A., Lopes, V., and Madeira, V. Mc (1996). Toxicity of Organophosphorus Insecticides: Alteration of Membrane Fluidity. *Medical science research* 24: 753-756.

Chemical of Concern: MLN; Habitat: AT

Anyanwu, G. I., Davies, D. H., Molyneux, D. H., and Phillips, A. (1997). Variation in Cuticular Hydrocarbons Among Strains of *Anopheles* (Cellia) *Stephensi* Liston Possibly Related to Prior Insecticide Exposure. *Annals of tropical medicine and parasitology* 91: 649-659.

Chemical of Concern: MLN; Habitat: T

Aplada-Sarlis, P., Malatou, P. T., Miliadis, G. E., and Liapis, K. S. (1997). Residues of Organophosphorous and Organochlorine Pesticides in Raw Agricultural Products of Plant Origin Imported in Greece. *Annales de l'institut phytopathologique benaki* 18: 41-52.

Chemical of Concern: MLN; Habitat: T

Applegate, V. C., Howell, J. H., Hall, A. E. Jr., and Smith, M. A. (1957). Toxicity of 4,346 Chemicals to Larval Lampreys and Fishes. *Spec.Sci.Rep.Fish.No.207, Fish Wildl.Serv., U.S.D.I., Washington, D.C.* 157 p.

EcoReference No.: 638

Chemical of Concern:

24DXY,DZ,HCCH,MLN,MP,ACL,NAA,NYP,CST,Cu,RTN,NaN₃,Ni,CuS,PCP,NaPCP,NaCr,DBAC,Zn,ATZ,Cd,NaID,Pb,As,DCB,CBL,DMPA; Habitat: A; Effect Codes: BEH,MOR; Code: NO
ENDPOINT(ALL CHEMS).

Archer, T. E. (Decontamination of Malathion of Ladino Clover Seed Screenings. *Poultry sci.*; 48(6): 2075-80, 1969; (ref:17).

Chemical of Concern: MLO; Habitat: T

Archer, T. E. (Malathion Residues on Ladino Clover Seed Screenings Exposed to Ultraviolet Irradiation. *Bull. Environ. Contam. Toxicol.*; 6(2): 142-3 1971.

Chemical of Concern: MLO; Habitat: T

Archer, T. L., Bynum, E. D. Jr., and Plapp, F. W. Jr. (1994). Chlorpyrifos Resistance in Greenbugs (Homoptera: Aphididae): Cross-Resistance and Synergism. *J.Econ.Entomol.* 87: 1437-1440.

Chemical of Concern: MLN,AMZ,PPB,CBF,ACP,TBF,CPY,DMT,EFV,MOM,OXD; Habitat: T; Code: NO CONC(MLN,AMZ,PPB,CBF,ACP,TBF,CPY,DMT,EFV,MOM,OXD).

Arcury, T. A., Grzywacz, J. G., Barr, D. B., Tapia, J., Chen, H., and Quandt, S. A. (Pesticide Urinary Metabolite Levels of Children in Eastern North Carolina Farmworker Households. *Environ health perspect.* 2007, aug; 115(8):1254-60. [*Environmental health perspectives*]: *Environ Health Perspect.*

Chemical of Concern: MLN; Habitat: T

Ardo, J. (1974). K Otazke Akutnej Toxicity Niektorych Pesticidov. (Acute Toxicity of Some Pesticides). *Vodni Hospod.* 24: 222-224 (SLO).

EcoReference No.: 6102

Chemical of Concern: MLN,DDVP,TCF,PSM; Habitat: A; Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

Areechon, N. (1988). Acute and Subchronic Toxicity of Malathion in Channel Catfish. *Diss.Abst.Int.B Sci.Eng.*49(2):274.

EcoReference No.: 822

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR.BCM,CEL; Code: NO CONTROL(MLN).

Areechon, N. and Plumb, J. A. (1990). Sublethal Effects of Malathion on Channel Catfish, *Ictalurus punctatus*. *Bull.Environ.Contam.Toxicol.* 44: 435-442 (OECDG Data File).

EcoReference No.: 2537

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BCM; Code: NO ENDPOINT(MLN).

Areekul, S. (1986). Toxicity to Fishes of Insecticides Used in Paddy Fields and Water Resources. I. Laboratory Experiment. *Kasetsart J.*20(2):164-178(1987) (THI) (ENG ABS) /C.A.Sel.-Environ.Pollut. 12: 106-190732T.

EcoReference No.: 283

Chemical of Concern: CPY,ADC,PRT,DS,HCCH,CBL,HPT,PPX,FNT,MLN,DZ,TMP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL,NO DURATION(DS,MLN),NO CONTROL(TMP,DZ,CPY,FNT).

Areekul, S. (1987). Toxicity to Fishes of Insecticides Used in Paddy Fields and Water Resources. I. Laboratory Experiment. *Kasetsart J.*20(2):164-178(1986)(THI)(ENG ABS) /C.A.Sel.-Environ.Pollut. 12: 106-190732T.

EcoReference No.: 283

Chemical of Concern: CPY,ADC,PRT,DS,HCCH,CBL,HPT,PPX,FNT,MLN,DZ; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

Ares, Jorge O., Del Valle, Hector F., and Olinuck, Jose A. (2006). Exploring Improved Pesticide Management in Sub-Tropical Environments With Gis-Supported Fate Modeling. *Agricultural Systems* 91: 189-210.

Chemical of Concern: MLN; Habitat: T

Arita, T. (1994). Elution Patterns of Post-Harvest Application Pesticides From Noodles During the Boiling Process. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 35, no. 1, pp. 34-40. 1994.

Chemical of Concern: MLN; Habitat: AT

Armstrong, J. S., Showler, A. T., Setamou, M., and Greenberg, S. (2006). Sublethal Effects of Malathion on Boll Weevil (Coleoptera: Curculionidae) Fecundity when Maintained on Cotton Squares or Artificial Diet. *Insect Sci.* 13: 287-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arne, C. N., Becker, S. A., and Bailey, W. C. (1991). Alfalfa Weevil Control Missouri (Northern), 1989. *Insectic.Acaric.Tests* 16: 123 (1F).

EcoReference No.: 90636

Chemical of Concern: MLN,CBL,PMR,EFV,CYF,CYP,CBF,LCYT,PSM,TDC,CPY; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS),OK(CBF).

Arshad, J. H. and Salehuddin, A. N. (1988). Persistence of Carbon-14 Malathion Residues in Stored Milled Rice. *Pertanika* 11: 73-78.

Chemical of Concern: MLN; Habitat: T

Arthur, F. (1988). Evaluation of Trimethacarb as a Protectant of Stored Peanuts. *J entomol sci* 23: 264-268.

Chemical of Concern: MLN; Habitat: T

Arthur, F. H. (1992). Cyfluthrin WP and EC Formulations to Control Malathion-Resistant Red Flour Beetles and Confused Flour Beetles (Coleoptera: Tenebrionidae): Effects of Paint on Residual Efficacy. *J.Entomol.Sci.* 27: 436-444.

EcoReference No.: 63526

Chemical of Concern: CYF,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(TARGET-CYF)TARGET MLN.

Arthur, F. H. (1996). Grain Protectants: Current Status and Prospects for the Future. *Journal of stored products research* 32: 293-302.

Chemical of Concern: MLN; Habitat: T

Artiola, J. F. (1996). Waste Disposal. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-550660-0.; 0: 135-149.

Chemical of Concern: MLN; Habitat: AT

Arunachalam, S., Palanichamy, S., Vasanthi, M., and Baskaran, P. (1990). The Impact of Pesticides on the Feeding Energetics and Body Composition in the Freshwater Catfish *Mystus vittatus*. In: *R.Hirano and I.Hanyu (Eds.), Proc.of the 2nd Asian Fisheries Forum, Apr.17-22, 1989, Tokyo, Japan, Asian Fisheries Society, Manila, Philippines* 939-941.

EcoReference No.: 4046

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: BEH,GRO,PHY,BCM; Code: NO ENDPOINT(CBL,MLN).

Arzone, A. and Patetta, A. (1983). Research on the Action of Malathion, Neostanox, Permethrin, Tartar Emetic and Triforine on Honey Bees.

Chemical of Concern: MLN; Habitat: AT

Ashby, J. and Tennant, R. W. (Chemical Structure, Salmonella Mutagenicity and Extent of Carcinogenicity as Indicators of Genotoxic Carcinogenesis Among 222 Chemicals Tested in Rodents by the U.s. Nci/Ntp. *Mutat res* 204:17-115,1988: *MUTAT RES*.

Chemical of Concern: MLO; Habitat: T

Ashour, M.-B. A., Moody, D. E., and Hammock, B. D. (1987). Apparent Induction of Microsomal Carboxylesterase Activities in Tissues of Clofibrate-Fed Mice and Rats. *Toxicol.Appl.Pharmacol.* 89: 361-369.

EcoReference No.: 89098

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,GRO; Code: NO CONTROL(MLN).

Asquith, A. and Messing, R. H. (1992). Attraction of Hawaiian Ground Litter Invertebrates to Protein Hydrolysate Bait. *Environ.Entomol.* 21: 1022-1028.

EcoReference No.: 90109; Habitat: T; Effect Codes: POP,BEH; Code: NO COC(MLN).

Assie, L. K., Brostaux, Y., and Haubruge, E. (2008). Density-dependent reproductive success in *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Journal of Stored Products Research* 44: 285-289.

Chemical of Concern: MLN; Habitat: T

Assie, L. K., Francis, F., Gengler, N., and Haubruge, E. (2007). Response and Genetic Analysis of Malathion-Specific Resistant *Tribolium castaneum* (Herbst) in Relation to Population Density. *J.Stored Prod.Res.* 43: 33-44.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Atkins, E. L., Greywood, E. A., and Macdonald, R. L. (1975). Toxicity of Pesticides and Other Agricultural Chemicals to Honey Bees. *Leaflet 2287, Division of Agricultural Sciences, University of California, Davis, CA* 36 p.

EcoReference No.: 40218

Chemical of Concern: DDT,MLN,EN,DLDCBF,CPY,PRN,AND,MP,FNTH,ADC,MVP,ATZ; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Atkinson, R. (1990). Atmospheric Reaction Pathways and Lifetimes for Organophosphorus Compounds Au - Winer Am. Kurtz, d. A. (Ed.). *Long range transport of pesticides* 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: 115-126.

Chemical of Concern: MLN; Habitat: T

Atkinson, R., Guicherit, R., Hites, R. A., Palm, W. U., Seiber, J. N., and De Voogt P (1999). Transformations of Pesticides in the Atmosphere: a State of the Art. *Water air and soil pollution* 115: 219-243.

Chemical of Concern: MLN; Habitat: AT

Attah, P. K. and Van Emden, H. F. (1993). The Susceptibility to Malathion of *Metopolophium dirhodum* on Two Wheat Species at Two Growth Stages, and the Effect of Plant Growth Regulators on this Susceptibility. *Insect Sci.Appl.* 14: 101-106.

EcoReference No.: 81077

Chemical of Concern: APAQ,MLN,MCPA; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED(APAQ),OK TARGET(MLN),OK(MCPA).

Attencia, V. M., Ruvolo-Takasusuki, M. C. C., and DeToledo, V. A. A (2005). Esterase Activity in *Apis mellifera*

After Exposure to Organophosphate Insecticides (Hymenoptera: Apidae). *Sociobiology* 45: 587-595.

EcoReference No.: 89010

Chemical of Concern: MP,MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MP),NO ENDPOINT(MLN).

Attia, F. I., Shanahan, G. J., and Shipp, E. (1980). Synergism Studies with Organophosphorus Resistant Strains of the Indianmeal Moth. *J.Econ.Entomol.* 73: 184-185.

EcoReference No.: 93264

Chemical of Concern: PIRM,MLN,DDVP,DZ,FNT,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TARGET-MLN,DZ),NO MIXTURE(PPB,TBF),TARGET(DDVP,PIRM,FNT).

Awasthi, M., Shah, P., Dubale, M. S., and Gadhia, P. (1984). Metabolic Changes Induced by Organophosphates in the Piscine Organs. *Environ.Res.* 35: 320-325.

EcoReference No.: 2659

Chemical of Concern: DMT,MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(DMT),NO ENDPOINT(MLN).

Awasthi, M. D. and Anand, L. (1987). Translocation and Persistence of Soil and Foliar Insecticides in Radish. *Indian J.Entomol.* 49: 131-136.

EcoReference No.: 90671

Chemical of Concern: MLN,CBF,FNV; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT,MIXTURE(CBF,MLN,FNV).

Awany, N. M., El-Fouly, M. Z., El-Hawa, M. A., and Zeid, A. A. A. (1996). Effect of Malathion on the Metabolism of Certain Egyptian Soil Microflora. *Egypt.J.Microbiol.* 31: 49-60.

EcoReference No.: 89033

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Code: NO ENDPOINT(MLN).

Awany, N. M., El Fouly Mz, El-Hawa, M. A., and Zeid, A. Aa (1996). Effect of Malathion on Certain Beneficial Microbial Activities in Egyptian Soils. *Egyptian journal of microbiology* 31: 1-12.

Chemical of Concern: MLN; Habitat: T

Ayers, J. C. Jr. and Barden, J. A. (1975). Net Photosynthesis and Dark Respiration of Apple Leaves as Affected by Pesticides. *J.Amer.Soc.Hort.Sci.* 100: 24-28.

EcoReference No.: 43644

Chemical of Concern: PHSL,PRN,AZ,BMY,DLD,DOD,ES,FBM,PHSL,PPHD,THM,OML,MLN,Zineb,CBL,Folpet,DINO; Habitat: T; Effect Codes: BCM; Code: NO CONTROL,ENDPOINT(Folpet),OK(ALL CHEMS),NO COC(Maneb).

Ayub, Sadia, Verma, Jyotsna, and Das, Nibhriti (2003). Effect of Endosulfan and Malathion on Lipid Peroxidation, Nitrite and Tnf-[Alpha] Release by Rat Peritoneal Macrophages. *International Immunopharmacology* 3: 1819-1828.

Chemical of Concern: MLN; Habitat: T

Azmi, M. A., Naqvi, S. N. H., Akhtar, K., and Ahmad, I. (1988). Determination of Cholinesterase in Standard and Wild Culicine Mosquito. Larvae of Karachi Region After Treatment with DDT and Malathion. *Pak.J.Entomol.Karachi* 3: 115-124.

EcoReference No.: 103908

Chemical of Concern: DDT,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Babaian, G. A. (1986). Scale Insects of Stone Fruit Crops and Control Measures Against Them. *In: 5th Int.Symp.on Scale Insect Studies, Jun.24-28, 1986, Portici, Italy, Boll.Lab.Entomol.Agrar.Filippo Silvestri* 43: 133-138.

Chemical of Concern: MLN; Habitat: T; Code: NO CROP(MLN).

Babaian, G. A. (1986). Scale Insects of Stone Fruit Crops and Control Measures Against Them. *In: 5th Int.Symp.on Scale Insect Studies, Jun.24-28, 1986, Portici, Italy, Boll.Lab.Entomol.Agrar.Filippo Silvestri* 43: 133-138.

Chemical of Concern: MLN; Habitat: T; Code: CROP(MLN).

Babich, H. and Borenfreund, E. (Applications of the Neutral Red Cytotoxicity Assay to Risk Assessment of Aquatic Contaminants an Overview. *Landis, w. G., J. S. Hughes and m. A. Lewis (ed.). Astm (american society for testing and materials) special technical publication, no. 1179. Environmental toxicology and risk assessment; first symposium, atlantic city, new jersey, usa, april 14-16, 1991. Vi+431p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-1860-0.; 0 (0). 1993. 215-229.*

Chemical of Concern: MLN; Habitat: A

Babich, H., Rosenberg, D. W., and Borenfreund, E. (1991). In Vitro Cytotoxicity Studies With the Fish Hepatoma Cell Line, Plhc-1 (Poeciliopsis Lucida). *Ecotoxicology and Environmental Safety* 21: 327-336.

Chemical of Concern: MLN; Habitat: A

Bacci, L., Crespo, A. L. B., Galvan, T. L., Pereira, E. J. G., Picanco, M. C., Silva, G. A., and Chediak, M. (2007). Toxicity of Insecticides to the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) and Its Natural Enemies. *Pest Manag.Sci.* 63: 699-706 .

EcoReference No.: 102813

Chemical of Concern: ABM,ACP,ACT,BFT,MLN,CYP,DM,ESV,EFV,FNT,FNTH,PRM,MTN,IMC;
Habitat: T; Effect Codes: MOR; Code: TARGET(ACP,FNT,MLN,BFT,CYP,EFV,IMC,MTM,PMR).

Badawy, H. M. A. and El Arnauty, S. A. (1999). Direct and Indirect Effects of Some Insecticides on Chrysoperla carnea (Stephens) s.l. (Neuroptera: Chrysopidae). *J.Neuropterol.* 2: 67-74.

EcoReference No.: 69720

Chemical of Concern: PIM,PIRM,DMT,PFF,MLN,MOM; Habitat: T; Effect Codes: MOR,GRO; Code: OK TARGET(DMT,MLN),TARGET(MOM).

Baerg, R. J., Barrett, M., and Polge, N. D. (1996). Insecticide and Insecticide Metabolite Interactions with Cytochrome P450 Mediated Activities in Maize. *Pestic.Biochem.Physiol.* 55: 10-20.

Chemical of Concern: DDA,12T,NSF,TBO,PRT,CPY,MLN,CBF,CBL,PMR,FNF,TBS; Habitat: T; Code: NO MIXTURE(ALL CHEMS).

Baerg, Roger J., Barrett, Michael, and Polge, Nicholas D. (1996). Insecticide and Insecticide Metabolite Interactions With Cytochrome P450 Mediated Activities in Maize. *Pesticide Biochemistry and Physiology* 55: 10-20.

Chemical of Concern: MLN; Habitat: T

Baez, M. E., Rodriguez, M., Lastra, O., and Contreras, P. (1997). Solid Phase Extraction of Organophosphorus,

Triazine, and Triazole-Derived Pesticides From Water Samples. A Critical Study. *Hrc journal of high resolution chromatography* 20: 591-596.

Chemical of Concern: MLN; Habitat: A

Baffi, Milla Alves, de Souza, Guilherme Rocha Lino, de Sousa, Cristina Soares, Ceron, Carlos Roberto, and Bonetti, Ana Maria (2008). Esterase enzymes involved in pyrethroid and organophosphate resistance in a Brazilian population of *Rhipicephallus (Boophilus) microplus* (Acari, Ixodidae). *Molecular and Biochemical Parasitology* 160: 70-73.

Chemical of Concern: MLN; Habitat: T

Bagheri, H., Brouwer, E. R., Ghijsen, R. T., and Brinkman, U. At (1993). On-Line Low-Level Screening of Polar Pesticides in Drinking and Surface Waters by Liquid Chromatography-Thermospray Mass Spectrometry. *9th montreux symposium on liquid chromatography-mass spectrometry, supercritical fluid chromatography-mass spectrometry, capillary zone electrophoresis-mass spectrometry and tandem mass spectrometry, montreux, switzerland, november 4-6, 1992. J chromatogr* 647: 121-129.

Chemical of Concern: MLN; Habitat: A

Bahner, L. H. and Nimmo, D. R. (1975). Methods to Assess Effects of Combinations of Toxicants, Salinity and Temperature on Estuarine Animals. *Trace Subst.Environ.Health* 9: 169-177.

EcoReference No.: 2839

Chemical of Concern: MLN,Cd,MXC,PCB; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Bai, S. G. (1964). Persistence of Malathion Residues on Treated Foodgrains Under Different Conditions of Storage and Processing. In: *S.K.Majunder (Ed.), Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 310-315.

Chemical of Concern: MLN; Habitat: T

Baier, A. H. and Webster, B. D. (1992). Control of *Acanthoscelides obtectus* Say (Coleoptera: Bruchidae) in *Phaseolus vulgaris* L. Seed Stored on Small Farms - II. Germination and Cooking Time. *J.Stored Prod.Res.* 28: 295-299.

EcoReference No.: 90670

Chemical of Concern: MLN; Habitat: T; Effect Codes: REP,GRO; Code: NO CONC(MLN).

Baig, M. H. (1974). Pesticide Residues in Rice . *CENTO Semin.Toxicol.Pestic.*: 108-112.

EcoReference No.: 99760

Chemical of Concern: HPT,DLDD,HCCH,EN,DDT,TXP,MLN,DZ,CBL,DS,MP,PPHD,OXD; Habitat: T; Effect Codes: ACC; Code: NO SURVEY(MLN,DS,MP,OXD),NO ENDPOINT,NO CONTROL(DZ,CBL).

Bajpai, V. N. and Perti, S. L. (1969). Resistance to Malathion. *Pesticides* 3: 43-45.

EcoReference No.: 60753

Chemical of Concern: MLN,DZ,DLDD,DDT,HCCH,CBL,FNTH; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci/Ntp-Screened Chemicals. II. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis : Carcinogenesis* 13: 1437-1445.

Chemical of Concern: MLO; Habitat: T

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci-Screened Chemicals: Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis (eynsham)* 13: 1437-1445.

Chemical of Concern: MLN; Habitat: T

Baker, J. E. (1994). Resistance Mechanism in the Bamberg Strain of Anisopteromalus calandrae (Hymenoptera: Pteromalidae). *J.Entomol.Sci.* 29: 580-584.

Chemical of Concern: PPB,TBF,MLN; Habitat: T; Code: NO REVIEW(PPB,TBF,MLN).

Baker, J. E., Fabrick, J. A., and Zhu, K. Y. (1998). Characterization of Esterases in Malathion-Resistant and Susceptible Strains of the Pteromalid Parasitoid Anisopteromalus Calandrae. *Insect Biochemistry and Molecular Biology* 28: 1039-1050.

Chemical of Concern: MLN; Habitat: T

Bakre, P. and Rajasekaran, M. (1989). Acute Toxicity of Certain Pesticides to House Sparrow, Passer domesticus. *Geobios* 16: 249-251.

EcoReference No.: 90691

Chemical of Concern: AND,HPT,DMT,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DMT,MLN).

Bal, R. S., Duhra, M. S., and Singh, B. (1995). Efficacy of Insecticides in Controlling Thrips (Haplothrips ganglbaueri and Fulmekiola serrata) of Sugarcane (Saccharum officinarum). *Indian J.Agric.Sci.* 65: 226-227.

EcoReference No.: 89298

Chemical of Concern: MLN,DMT,ES,OXD; Habitat: T; Effect Codes: POP; Code: OK(DMT,ES),OK TARGET(MLN,OXD).

Balabaskaran, S. and Ganendran, A. (Clinical Significance of Pyridine 2 Aldoxime Methiodide as a Reactivator of Organo Phosphate Inhibited Human Cholin Esterases. *Clin chem; 21 (7).* 1975 1020.

Chemical of Concern: MLO; Habitat: AT

Balakrishnarao, D., Honnegowda, and Narayana, K. (1990). Effect of Malathion on Blood Plasma Concentration and Pharmacokinetics of Sulphadimidine in Buffalo Calves. *Indian J.Anim.Sci.* 60: 1079-1082.

EcoReference No.: 89130

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,MIXTURE(MLN).

Balasubramanian, K., Ratnakar, C., Ananthanarayanan, P. H., and Balasubramanian, A. (1987). Histopathological Changes in the Testis of Malathion Treated Albino Rats. *Med.Sci.Res.* 15: 509-510.

EcoReference No.: 89084

Chemical of Concern: MLN; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT(MLN).

Balayannis, P. G. and Santas, L. A. (1992). Dissipation of Malathion and Fluvalinate Residues From Honey. *J apic res* 31: 70-76.

Chemical of Concern: MLN; Habitat: AT

Baldwin, W. S. and LeBlanc, G. A. (1994). Identification of Multiple Steroid Hydroxylases in *Daphnia magna* and Their Modulation by Xenobiotics. *Environ.Toxicol.Chem.* 13: 1013-1021.

EcoReference No.: 66295

Chemical of Concern: PPB,MLN; Habitat: A; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(PPB),NO ENDPOINT(MLN).

Balkew, M., Elhassen, I., Ibrahim, M., Gebre-Michael, T., and Engers, H. (2006). Very high DDT-Resistant Population of *Anopheles pharoensis* Theobald (Diptera: Culicidae) from Gorgora, Northern Ethiopia. *Parasite* 13: 327-329.

EcoReference No.: 104911

Chemical of Concern: MLN,DDT,PMR,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,PMR,DM).

Balluz, Lina S., Philen, Rossanne M., Brock, John, Falter, Kenneth, Kiefer, Max, Hart, Rebecca, and Hill, Robert H. (2000). Health Complaints Related to Pesticide Stored at a Public Health Clinic. *Environmental Research* 82: 1-6.

Chemical of Concern: MLN; Habitat: T

Bandyopadhyay, B., Paul, S. K., and Ghosh, M. R. (1996). Effects of Sublethal Doses of Some Insecticides on the Biology of *Sitophilus oryzae* (L.) (Coleoptera : Curculionidae). *Environ.Ecol.* 14: 334-338.

EcoReference No.: 40237

Chemical of Concern: DDVP,MLN,EFV,PMR,CYP; Habitat: T; Effect Codes: MOR,GRO; Code: TARGET MLN.

Banerjee, B. D., Seth, V., Bhattacharya, A., Pasha, S. T., and Chakraborty, A. K. (1999). Biochemical Effects of Some Pesticides on Lipid Peroxidation and Free-Radical Scavengers. *Toxicology letters (shannon)* 107: 33-47.

Chemical of Concern: MLN; Habitat: T

Banerjee, H., Raha, P., Chowdhury, A., Das, A. K., and Adityachaudhury, N. (1989). Studies on the Residual Fate and Dissipation of Malathion, Methylparathion and Quinalphos in Paddy Under West Bengal Climatic Condition. *Trop.Pest Manag.* 35: 365-369 .

EcoReference No.: 89103

Chemical of Concern: MP,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(MLN,MP).

Bang, Y. H., Gratz, N., and Pant, C. P. (1972). Suppression of a Field Population of *Aedes aegypti* by Malathion Thermal Fogs and Abate Larvicide. *Bull.World Health Org.* 46: 554-558.

EcoReference No.: 101200

Chemical of Concern: MLN,TMP; Habitat: AT; Effect Codes: POP; Code: TARGET(TMP),NO ENDPOINT(MLN).

Barber, D., Correll, L., and Ehrich, M. *. (1999). Comparative Effectiveness of Organophosphorus Protoxicant Activating Systems in Neuroblastoma Cells and Brain Homogenates. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 57, no. 1, pp. 63-74. 1999.

Chemical of Concern: MLN; Habitat: T

Barbosa, F. R., Yokoyama, M., Pereira, P. A. A., and Zimmermann, F. J. P. (2002). Control of the Mexican Bean Weevil *Zabrotes Subfasciatus* With Vegetable Oils, Trashing Residues, Inert Materials and Malathion.

Pesquisa Agropecuaria Brasileira, 37 (9) pp. 1213-1217, 2002.

Chemical of Concern: MLN; Habitat: AT

Barcelo, D. (1988). Application of Thermospray Liquid Chromatography-Mass Spectrometry for Determination of Organophosphorus Pesticides and Trialkyl and Triaryl Phosphates. *Biomed environ mass spectrom* 17: 363-370.

Chemical of Concern: MLN; Habitat: T

Barcelo, D. (1988). A Review of Liquid Chromatography in Environmental Pesticide Analysis. *Chromatographia* 25: 928-936.

Chemical of Concern: MLN; Habitat: AT

Barcelo, D., Chiron, S., Lacorte, S., Martinez, E., Salau, J. S., and Hennion, M. C. (1994). Solid-Phase Sample Preparation and Stability of Pesticides in Water Using Empore Disks. *Trends in analytical chemistry* 13: 352-361.

Chemical of Concern: MLN; Habitat: A

Bareth, S. S. and Gupta, H. C. (1989). Efficacy of Six Insecticides for the Protection of Stored Wheat Seeds Against *Rhizopertha dominica* (Fab.). *Seed Res.* 17: 43-46.

EcoReference No.: 93042

Chemical of Concern: DM,CYP,FNV,FNT,CPY,MLN; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY(CYP,FNT,MLN,DM,CPY,FNV).

Barik, S. (1984). Metabolism of Insecticides by Microorganisms. *Lal, r. (Ed.). Insecticide microbiology. Xvi+268p. Springer-verlag: berlin, west germany New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 87-130.*

Chemical of Concern: MLN; Habitat: AT

Barik, Sudhakar, Munnecke, Douglas M., and Fletcher, John S. (1984). Bacterial Degradation of Three Dithioate Pesticides. *Agricultural Wastes* 10: 81-94.

Chemical of Concern: MLN; Habitat: A

Baris, D., Zahm, S. H., Cantor, K. P., and Blair, A. (1998). Agricultural Use of Ddt and Risk of Non-Hodgkin's Lymphoma: Pooled Analysis of Three Case-Control Studies in the United States. *Occupational and environmental medicine* 55: 522-527.

Chemical of Concern: MLN; Habitat: T

Barker, P. S. (1988). The Entomological Problems of Wheat in the Canadian Prairies. *Selected papers from the second international symposium of french-speaking entomologists, trois-rivieres, quebec, canada, july 6-9, 1986. Nat can (que)* 115: 229-234.

Chemical of Concern: MLN; Habitat: T

Barker, Philip S. and Vaisey, Marion (1973). Effect of Storage Condition and Time on the Odor of Malathion-Treated Wheat. *Journal of Stored Products Research* 9: 171-180.

Chemical of Concern: MLN; Habitat: AT

Barlas, N. and Kolankaya, D. (1996). A Histopathological Study on the Effects of Commercial and Biodegraded Malathion on Liver, Kidney and Spleen of Mice. *Turk.J.Zool.* 20: 149-154.

EcoReference No.: 89887

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Barnabas, I. J., Dean, J. R., Hitchen, S. M., and Owen, S. P. (1994). Selective Extraction of Organochlorine and Organophosphorus Pesticides Using a Combined Solid Phase Extraction-Supercritical Fluid Extraction Approach. *Analytica chimica acta* 291: 261-267.

Chemical of Concern: MLN; Habitat: AT

Barr, D. B., Barr, J. R., Driskell, W. J., Hill, R. H Jr, Ashley, D. L., Needham, L. L., Head, S. L., and Sampson, E. J. (1999). Strategies for Biological Monitoring of Exposure for Contemporary-Use Pesticides. *Toxicology and industrial health* 15: 168-179.

Chemical of Concern: MLN; Habitat: T

Barre, A. C., Tamo, M., and Odjo, A. T. (Impact of Two Insecticides on the Parasitoids of the Leaf Miner Liriomyza Trifolii Burgess Diptera Agromyzidae on Cowpea Vigna Unguiculata Walp in Southern Benin. Robertson, h. G. (Ed.). *Insects in african economy and environment; joint congress of the entomological society of southern africa (11th congress) and the african association of insect scientists (12th congress), stellenbosch, south africa, june 30-july 4, 1997. 255p. Entomological society of southern africa: pretoria, south africa. Isbn 0-620-21415-5.; 0 (0). 1997. 64.*

Chemical of Concern: MLN; Habitat: T

Barrett, M. R. (1996). The Environmental Impact of Pesticide Degradates in Groundwater. Meyer, m. T. And e. M. Thurman (ed.). *Acs symposium series, 630. Herbicide metabolites in surface water and groundwater* Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. X+318p. American chemical society: washington, dc, usa. Isbn 0-8412-3405-1.; 630: 200-225 .

Chemical of Concern: MLN; Habitat: AT

Barwal, R. N. and Gupta, D. K. (1991). Seasonal Incidence and Control of Pod Borer (Euborellia annulipes) and Cercospora Leaf Spots in Groundnut. *Indian J.Plant Prot.* 19: 156-160.

EcoReference No.: 89847

Chemical of Concern: HCCH,CBL,MP,HPT,AND,CBD,MZB,Zineb,Ziram,CTN; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED(MZB,CTN),OK CROP,TARGET(MLN,MP).

Basak, P. K. and Konar, S. K. (1976). Pollution of Water by Pesticides and Protection of Fishes: Parathion. *Proc.Natl.Acad.Sci.India Sect.B* 46: 382-392.

EcoReference No.: 60982

Chemical of Concern: DDT,HCCH,ES,EN,AND,DMT,PRN,MP,MLN,PPHD,CBL,Cu,Captan,FNT; Habitat: A; Effect Codes: MOR,BEH,CEL,GRO,REP; Code: OK(PRN),NO SURVEY(DDT,HCCH,ES,EN,AND,DMT,MP,MLN,PPHD,CBL,Cu,Captan,FNT).

Basha, S. M., Rao, K. S. P., Rao, K. R. S., and Rao, K. V. R. (1983). Differential Toxicity of Malathion, BHC, and Carbaryl to the Freshwater Fish, Tilapia mossambica (Peters). *Bull.Environ.Contam.Toxicol.* 31: 543-546.

EcoReference No.: 10055

Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL),OK(ALL CHEMS),NO ENDPOINT(MLN).

Basha, S. M., Rao, K. S. P., Rao, K. R. S. S., and Rao, K. V. R. (1984). Respiratory Potentials of the Fish (*Tilapia mossambica*) Under Malathion, Carbaryl and Lindane Intoxication. *Bull.Environ.Contam.Toxicol.* 32: 570-574.

EcoReference No.: 10380

Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: PHY,MOR; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN),OK(HCCH).

Bashamohideen, M., Obilesu, K., and Reddy, P. M. (1987). Behavioral Changes Induced by Malathion and Methyl Parathion in the Freshwater Fish *Tilapia mossambica*. *Environ.Ecol.*5(2):403-404 / *Aquat.Sci.Fish.Abstr.* 17: 16588-1Q17.

EcoReference No.: 255

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN,MP).

Bashamohideen, M., Obilesu, K., and Reddy, P. M. (1988). Effects of Malathion and Methyl Parathion on the Metabolic Changes in the Fish *Tilapia mossambica*. *Environ.Ecol.* 6: 481-483.

EcoReference No.: 13193

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Bashamohideen, M. and Sailbala, T. (1989). Acetylcholinesterase Activity in the Tissues of the Common Carp *Cyprinus carpio* (Linnaeus) Subjected to the Sub-Lethal Exposure of Malathion-A Time Course Evaluation. *J.Environ.Biol.* 10: 51-57.

EcoReference No.: 717

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Bashamohideen, M., Sujatha, I., and Reddy, P. M. (1988). intoxication Effects of Methyl Parathion and Malathion on the Carbohydrate Metabolism in the Freshwater Field Crab, *Oziotelphusa senex senex* (Fabricius). *Z.Angew.Zool.* 75: 37-42.

EcoReference No.: 3558

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN,MP).

Baslow, M. H. and Ruggieri, G. (1967). N-Acetylhistidine in Developing Embryos of the Killifish, *Fundulus heteroclitus* and the Zebrafish, *Brachydanio rerio*. *Life Sci.* 6: 609-614.

EcoReference No.: 89265

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Basol, M. S., Eren, S., and Sadar, M. H. (1980). Comparative Toxicity of Some Pesticides on Human Health and Some Aquatic Species. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B.]*. Vol. 15, no. 6, pp. 993-1004. 1980.

Chemical of Concern: MLN; Habitat: AT

Bates, C. (Novel Formulations for Locust and Grasshopper Control. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994. Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).; 0 (0). 1994. 977-980.*

Chemical of Concern: MLN; Habitat: T

Batkin, T. A. (1995). Impact of the Mediterranean Fruit Fly *Ceratitis Capitata* Wiedemann on California Agriculture. *Heitz, j. R. And k. R. Downum (ed.). Acs symposium series, 616. Light-activated pest control Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-6, 1995. Viii+279p. American chemical society: washington, dc, usa. Isbn 0-8412-3334-9.; 616: 70-81.*

Chemical of Concern: MLN; Habitat: T

Baumann, R. A., Brinkman, U. At, and Van Zoonen P (1993). On-Line Combination of Automated Micro Liquid-Liquid Extraction and Capillary Gas Chromatography for the Determination of Pesticides in Water. Au - Van Der Hoff Gr. *J chromatogr* 644: 367-373.

Chemical of Concern: MLN; Habitat: A

Baumann, R. A., Luttik, R., and Gerritsen, R. (Bestrijdingsmiddelen in Oppervlaktewater Van De Hogeveense Polder (1989/'90) (Pesticides in Surface Water of the Hogeveense Polder (1989/'90)). *Govt reports announcements & index (gra&i), issue 01, 2093.*

Chemical of Concern: MLN; Habitat: A

Bavcon Kralj, M., Cernigoj, U., Franko, M., and Trebse, P. (2007). Comparison of Photocatalysis and Photolysis of Malathion, Isomalathion, Malaoxon, and Commercial Malathion - Products and Toxicity Studies. *Water Res.* 41: 4504-4514.

Chemical of Concern: MLN,MLO; Habitat: AT; Code: NO SPECIES(MLN,MLO).

Bavcon Kralj, M., Franko, M., and Trebse, P. (Photodegradation of Organophosphorus Insecticides - Investigations of Products and Their Toxicity Using Gas Chromatography-Mass Spectrometry and Ache-Thermal Lens Spectrometric Bioassay. *Chemosphere.* 2007, feb; 67(1):99-107. [*Chemosphere*]: *Chemosphere.*

Chemical of Concern: MLN; Habitat: AT

Bavcon, M., Trebse, P., and Zupancic-Kralj, L. (Investigations of the Determination and Transformations of Diazinon and Malathion Under Environmental Conditions Using Gas Chromatography Coupled With a Flame Ionisation Detector. *Chemosphere.* 2003, feb; 50(5):595-601. [*Chemosphere*]: *Chemosphere.*

Chemical of Concern: MLO; Habitat: AT

Beard, C. B., Kloter, K. O., Carroll, M. K., Magnuson, L. J., and Trapido, H. (1985). Response of Domestic and Peridomestic Strains of *Aedes aegypti* (Diptera: Culicidae) in New Orleans, Louisiana, USA, to Organophosphate, Organochlorine, and Pyrethroid Insecticides. *J.Med.Entomol.* 22: 276-280.

EcoReference No.: 11837

Chemical of Concern: DDT,MLN,RSM,PMR; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(DDT,RSM,PMR).

Beauvais, S. L., Jones, S. B., Brewer, S. K., and Little, E. E. (2000). Physiological Measures of Neurotoxicity of Diazinon and Malathion to Larval Rainbow Trout (*Oncorhynchus mykiss*) and Their Correlation with Behavioral Measures. *Environ.Toxicol.Chem.* 19: 1875-1880.

EcoReference No.: 47389

Chemical of Concern: DZ,MLN; Habitat: A; Effect Codes: PHY; Code: LITE EVAL CODED(DZ),NO ENDPOINT(MLN).

Beehler, J. W., Dhillon, M. S., and Binding, P. L. (1995). Impact of Aerial Malathion for the Eradication of Mediterranean Fruit Fly on Mosquito Larvae. *J.Vector Ecol.* 20: 40-43.

EcoReference No.: 16096

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Beeson, D. R., Lewis, M. C., Powell, J. M., and Nimmo, D. R. (1998). Effect of Pollutants on Freshwater Organisms. *Water environment research* 70: 921-931.

Chemical of Concern: MLN; Habitat: A

Behki, R. M. (1994). Degradation of Thiocarbamate Herbicides and Organophosphorus Insecticides by Rhodococcus Species. Chaudhry, g. R. (Ed.). *Biological degradation and bioremediation of toxic chemicals*. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 234-255.

Chemical of Concern: MLN; Habitat: AT

Belanger, A., Vincent, C., and De Oliveira, D. (1990). A Field Study on Residues of Four Insecticides Used in Strawberry Protection. *J.Environ.Sci.Health Part B* 25: 615-625.

EcoReference No.: 89100

Chemical of Concern: DMT,MLN,PMR,CYP; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(ALL CHEMS).

Belfroid, A. C., Van Drunen M, Beek, M. A., Schrap, S. M., Van Gestel C Am, and Van Hattum B (1998). Relative Risks of Transformation Products of Pesticides for Aquatic Ecosystems. *Science of the total environment* 222: 167-183.

Chemical of Concern: MLN; Habitat: AT

Bell, Christopher H. (1991). Activity Rhythms Linked With Foraging Behaviour in Insecticide-Resistant and Susceptible Strains of Oryzaephilus Surinamensis (Coleoptera: Silvanidae). *Journal of Stored Products Research* 27: 171-177.

Chemical of Concern: MLN; Habitat: T

Bell, J. D. and Busvine, J. R. (1967). Synergism of Organophosphates in Musca domestica and Chrysomya putoria. *Entomol.Exp.Appl.* 10: 263-269.

EcoReference No.: 92645

Chemical of Concern: TBF,MLN,DZ,PRN,CMPH; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TARGET-DZ,MLN),NO MIXTURE(TBF),TARGET(CMPH).

Bell, J. P. and Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Biomass Adsorption. *J water pollut control fed* 59: 191-198.

Chemical of Concern: MLN; Habitat: T

Bell, J. P. and Tsezos, M. (1988). The Selectivity of Biosorption of Hazardous Organics by Microbial Biomass. *Water res* 22: 1245-1252.

Chemical of Concern: MLN; Habitat: T

Beltran, J., Lopez, F. J., Cepria, O., and Hernandez, F. (1998). Solid-Phase Microextraction for Quantitative Analysis of Organophosphorus Pesticides in Environmental Water Samples. *Journal of chromatography a* 808: 257-263.

Chemical of Concern: MLN; Habitat: A; Code: NO METHODS(MLN).

Bender, M. E. (1968). The Effect of Malathion on Fishes. *Ph.D.Thesis, University of Michigan, Ann Arbor, MI* 97 p.(Publ As 901, 2163).

Chemical of Concern: MLN; Habitat: A

Bender, M. E. (1969). The Toxicity of the Hydrolysis and Breakdown Products of Malathion to the Fathead Minnow (*Pimephales promelas*, Rafinesque). *Water Res.* 3: 571-582 (Author Communication Used).

EcoReference No.: 901; Habitat: A; Effect Codes: MOR; Code: NO COC(MLN).

Bender, M. E. (1969). Uptake and Retention of Malathion by the Carp. *Prog.Fish-Cult.* 31: 155-159.

EcoReference No.: 2163

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Bender, M. E. and Westman, J. R. (1976). The Toxicity of Malathion and Its Hydrolysis Products to the Eastern Mudminnow, *Umbra pygmaea* (DeKay). *Chesapeake Sci.* 17: 125-128.

EcoReference No.: 672

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Benfenati, E., Tremolada, P., Chiappetta, L., Frassanito, R., Bassi, G., Di Toro N, Fanelli, R., and Stella, G. (1990). Simultaneous Analysis of 50 Pesticides in Water Samples by Solid Phase Extraction and Gc-Ms. *Chemosphere* 21: 1411-1422.

Chemical of Concern: MLN; Habitat: A

Bengston, M., Cooper, L. M., Davies, R. A. H., Desmarchelier, J. M., Hart, R. H., and Phillips, M. P. (1983). Grain Protectants for the Control of Malathion-Resistant Insects in Stored Sorghum. *Pestic.Sci.* 14: 385-398.

EcoReference No.: 70744

Chemical of Concern: RSM,CYP,MLN; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,CYP,RSM).

Bengston, M., Cooper, L. M., and Grant-Taylor, F. J. (1975). A Comparison of Bioresmethrin, Chlorpyrifos-Methyl and Pirimiphos-Methyl as Grain Protectants Against Malathion-Resistant Insects in Wheat. *Queensl.J.Agric.Anim.Sci.* 32: 51-78.

EcoReference No.: 72446

Chemical of Concern: BRSM,RSM,CPYM,MLN,TMT; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,RSM).

Benigni, R. (1991). The Ability of Short-Term Tests to Predict Carcinogenicity Can Be Summarized in a Single Index. *J toxicol environ health* 34: 27-38.

Chemical of Concern: MLO; Habitat: AT

Benigni, R. (Analysis of the National Toxicology Program Data on in Vitro Genetic Toxicity Tests Using Multivariate Statistical Methods. *Mutagenesis* 4:412-419,1989: *MUTAGENESIS*.

Chemical of Concern: MLO; Habitat: AT

Benigni, R. (1989). A Bootstrap Analysis of Four in-Vitro Short-Term Test Performances. *Mutat res* 216: 127-136.

Chemical of Concern: MLO; Habitat: T

Benigni, R., Andreoli, C., and Giuliani, A. (Structure-Activity Studies of Chemical Carcinogens: Use of an Electrophilic Reactivity Parameter in a New Qsar Model. *Carcinogenesis(london)* 10:55-61,1989: *CARCINOGENESIS(LONDON)*).

Chemical of Concern: MLO; Habitat: AT

Bennett, D. A., Chung, A. C., and Lee, S. M. (1997). Multiresidue Method for Analysis of Pesticides in Liquid Whole Milk. *Journal of aoac international* 80: 1065-1077.

Chemical of Concern: MLN; Habitat: T

Bentur, Y., Raikhlin-Eisenkraft, B., and Singer, P. (2003). Beneficial Late Administration of Obidoxime in Malathion Poisoning. *Veterinary and Human Toxicology [Vet. Hum. Toxicol.]*. Vol. 45, no. 1, pp. 33-35. Feb 2003.

Chemical of Concern: MLN; Habitat: T

Berkelhammer, G. (1998). The Discovery of the Imidazolinone Herbicides From the Perspective of a Discovery Chemistry Manager. *Baker, d. R., Et al. (Ed.). Acs symposium series, 686. Synthesis and chemistry of agrochemicals, v Acs national meetings, washington, d.c., Usa, august 1994 and san francisco, california, usa, 1997. Xii+339p. American chemical society: washington, dc, usa. Isbn 0-8412-3546-5.; 686: 17-22.*

Chemical of Concern: MLN; Habitat: AT

Berkman, C. E., Quinn, D. A., and Thompson, C. M. (1993). Interaction of Acetylcholinesterase With the Enantiomers of Malaoxon and Isomalathion. *Chem res toxicol* 6: 724-730.

Chemical of Concern: MLO; Habitat: T

Berkman, C. E., Ryu, S., Quinn, D. A., and Thompson, C. M. *. (1993). Kinetics of the Postinhibitory Reactions of Acetylcholinesterase Poisoned by Chiral Isomalathion: a Surprising Nonreactivation Induced by the Rp Stereoisomers. *Chemical Research in Toxicology [CHEM. RES. TOXICOL.]*. Vol. 6, no. 1, pp. 28-32. 1993.

Chemical of Concern: MLN; Habitat: T

Berkman, C. E. and Thompson, C. M. (1992). Synthesis and Stereoselective Anticholinesterase Potency of Isomalathion Stereoisomers. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc 203: Agro44.*

Chemical of Concern: MLN; Habitat: T

Berkman, C. E., Thompson, C. M., and Perrin, S. R. (1993). Synthesis, Absolute Configuration, and Analysis of Malathion, Malaoxon, and Isomalathion Enantiomers. *Chem res toxicol* 6: 718-723.

Chemical of Concern: MLN; Habitat: T

Berkman, Clifford E. and Thompson, Charles M. (1992). Synthesis of Chiral Malathion and Isomalathion. *Tetrahedron Letters* 33: 1415-1418.

Chemical of Concern: MLN; Habitat: T

Bernard, C. B. and Philogene, B. Jr (1993). Insecticide Synergists Role Importance and Perspectives. *J toxicol environ health* 38: 199-223.

Chemical of Concern: MLN; Habitat: T

Berteau, P. E. and Deen, W. A. (1978). A Comparison of Oral and Inhalation Toxicities of Four Insecticides to Mice and Rats . *Bull.Environ.Contam.Toxicol.* 19: 113-120 .

EcoReference No.: 35039

Chemical of Concern: RSM,MLN,CPY,Naled; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(RSM,MLN,CPY,Naled).

Bester, K. and Huehnerfuss, H. (1997). Improvements of a Combined Size Exclusion Chromatography and Solid Phase Extraction Approach for the Clean-up of Marine Sediment Samples for Trace Analysis of Pesticides. *Fresenius' journal of analytical chemistry* 358: 630-634.

Chemical of Concern: MLN; Habitat: AT

Bevenue, A., Ogata, J. N., and Beckman, H. (The Effect of the Column Support Material on the Gas Chromatographic Resolution of Methyl Parathion, Ethyl Parathion, Ethyl Paraaxon, Malathion, and Malaoxon. *J chromatogr.* 1968, may 21; 35(1):17-23. [*Journal of chromatography*]: *J Chromatogr.*

Chemical of Concern: MLO; Habitat: AT

Beyer, W. N. (1990). Evaluating Soil Contamination. *U s fish wildl serv biol rep* 90: I-viii, 1-25.

Chemical of Concern: MLN; Habitat: T

Beyers, D. W., Carlson, C. A., and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 10, no. 11, pp. 1425-1429. 1991.

Chemical of Concern: MLN; Habitat: A

Beyers, D. W., Keefe, T. J., and Carlson, C. A. (1994). Toxicity of Carbaryl and Malathion to Two Federally Endangered Fishes, as Estimated by Regression and ANOVA. *Environ.Toxicol.Chem.* 13: 101-107.

EcoReference No.: 13270

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: GRO,MOR; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN).

Beyers, D. W. and Sikoski, P. J. (1994). Acetylcholinesterase Inhibition in Federally Endangered Colorado Squawfish Exposed to Carbaryl and Malathion. *Environ.Toxicol.Chem.* 13: 935-939.

EcoReference No.: 4444

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: PHY; Code: LITE EVAL CODED(CBL),NO ENDPOINT(MLN).

Bezbaruah, B., Bora, T., and Saikia, N. (1999). Ureolytic Nitrification Activities in Forest and Tea (Camellia Sinensis) Plantation Soils and Evaluation of Ureolytic Nitrifier Sensitivity to Pesticides. *Indian journal of agricultural sciences* 69: 24-29.

Chemical of Concern: MLN; Habitat: T

Bezbaruah, B. and Saikia, N. (1990). Pesticide Influence of Sulfur Oxidation in Soil and Bacterial Isolates. *Indian j*

agric sci 60: 406-410.

Chemical of Concern: MLN; Habitat: T

Bezbaruah, B., Saikia, N., and Bora, T. (1995). Effect of Pesticides on Most Probable Number of Soil Microbes From Tea (*Camellia Sinensis*) Plantations and Uncultivated Land Enumerated in Enrichment Media. *Indian journal of agricultural sciences* 65: 578-583.

Chemical of Concern: MLN; Habitat: T

Bhagwat, V. M. and Rama-Chandran, B. V. (1975). Malathion A and B Esterases of Mouse Liver - II Effect of EPN In Vitro and In Vivo. *Biochem.Pharmacol.* 24: 1727-1729.

EcoReference No.: 90695; Habitat: T; Effect Codes: PHY; Code: NO COC(MLN).

Bhagwat, V. M. and Ramachandran, B. V. (Enzymic Hydrolysis of Malaoxon by Mouse Liver Homogenates. *Biochemical pharmacology*, vol. 24, no. 21, pages 2002-2003, 8 references, 1975).

Chemical of Concern: MLO; Habitat: T

Bhagwat, Vasanti M. and Ramachandran, Bhikshander V. (1975). Malathion a and B Esterases of Mouse Liver--I : Separation and Properties. *Biochemical Pharmacology* 24: 1713-1717.

Chemical of Concern: MLN; Habitat: T

Bhanja, E., Mishra, J. R., and Rath, S. P. (1998). Genotoxic Effects of Two Organophosphorus Insecticides, Quinalphos and Malathion on Root Meristem of *Allium cepa* L. *Adv.Plant Sci.* 11: 279-284.

EcoReference No.: 89597

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Bhanot, J. P., Batra, G. R., Chauhan, R., Threja, R. K., and Verma, A. N. (1996). Effect of Spraying Host Trees with Different Insecticides on Management of White Grub Beetles. *J.Insect Sci.* 9: 91-92.

EcoReference No.: 89007

Chemical of Concern: CBL,ES,FNT,MLN,CYP; Habitat: T; Effect Codes: POP; Code: OK(ES,FNT),OK TARGET(CBL,MLN,CYP).

Bhanot, J. P. and Verma, A. N. (1978). Effectiveness of Three Granular Systemic Insecticides Applied by Different Methods and Malathion Sprays on Aphid Control and Seed Yield of Radish. *Seed Res.* 6: 48-57.

Chemical of Concern: DS, MLN; Habitat: T; Code: EFFICACY (DS),TARGET,CROP(MLN).

Bhanti, M. and Taneja, A. (2007). Contamination of Vegetables of Different Seasons with Organophosphorous Pesticides and Related Health Risk Assessment in Northern India. *Chemosphere* 69: 63-68.

EcoReference No.: 101325

Chemical of Concern: MP,CPY,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MP,CPY,MLN).

Bhat, R. V. and Moy, G. G. (1997). Monitoring and Assessment of Dietary Exposure to Chemical Contaminants. *World health statistics quarterly* 50: 132-149.

Chemical of Concern: MLN; Habitat: T

Bhatia, A., Kaur, J., and Makkar, M. (1997). The Alterations of Functional Cell Mediated Immunity by Exposure to Malathion. *J.Ecotoxicol.Environ.Monit.* 7: 55-58.

EcoReference No.: 89610

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,PHY; Code: NO ENDPOINT(MLN).

Bhatia, A., Makkar, M., and Sohal, N. (1996). Effect of Subchronic and Sublethal Doses of Malathion on Some Haematological and Immunological Parameters. *Int.J.Environ.Stud.* 51: 59-66.

EcoReference No.: 89362

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,GRO; Code: NO ENDPOINT(MLN).

Bhatia, H. L. (1971). Toxicity of Some Insecticides to *Cirrhinus mrigala* (Hamilton) and *Colisa fasciata* (Bloch & Schneider). *J.Inland Fish.Soc.India* 3: 114-116.

EcoReference No.: 90674

Chemical of Concern: MLN,CBL; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN,CBL).

Bhatia, H. L. (1971). Toxicity of Some Pesticides to *Puntius ticto* (Hamilton). *Sci.Cult.* 37: 160-161.

EcoReference No.: 962

Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN,HCCH).

Bhatnagar, A., Parihar, N. S., Gupta, A., and Singh, B. (1997). Pesticide Residues in Farmgate Samples of Tomato. *Indian journal of plant protection* 25: 88-89.

Chemical of Concern: MLN; Habitat: T

Bhatnagar, M. C., Bana, A. K., and Bhatnagar, S. (1988). Toxicity of a Few Pesticides to a Freshwater Teleost, *Clarias batrachus* (Linn). *J.Environ.Biol.*9(3 Suppl.) 283-288.

EcoReference No.: 12968

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Bhatwat, V. M. and Ramachandran, B. V. (Estimation of Malaoxon in the Presence of Malathion by the Ferric Hydroxamate Method. *J assoc off anal chem*; 57 (5). 1974 1043-1045.

Chemical of Concern: MLO; Habitat: AT

Bhushan, B. and Hoondal, G. S. (1999). Effect of Fungicides, Insecticides and Allosamidin on a Thermostable Chitinase From *Bacillus* Sp. Bg-11. *World journal of microbiology & biotechnology* 15: 403-404.

Chemical of Concern: MLN; Habitat: AT

Bhushan, R., Thapar, S., and Mathur, R. P. (1997). Accumulation Pattern of Pesticides in Tropical Fresh Waters. *Biomedical chromatography* 11: 143-150.

Chemical of Concern: MLN; Habitat: A

Bhuvaneswari, K. and Uthamasamy, S. (1994). Toxicity of Alphamethrin to Beneficial Insects in Cotton Ecosystem. *J.Insect Sci.* 7 : 228-229.

EcoReference No.: 90686

Chemical of Concern: MLN,CYP,ES; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN).

Bicchi, C., D'amato, A., and Balbo, C. (1997). Multiresidue Method for Quantitative Gas Chromatographic Determination of Pesticide Residues in Sweet Cherries. *Journal of aoac international* 80: 1281-1286.

Chemical of Concern: MLN; Habitat: T

Bicchi, C., D'amato, A., and Binello, A. (1996). Identification of Pesticide Residues in Real Matrices by Combining Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 19: 80-84.

Chemical of Concern: MLN; Habitat: T

Bicchi, C., D'amato, A., and Orlandin, M. (1994). Identification of the Constituents of a Complex Mixture by Combined Use of Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 17: 335-338.

Chemical of Concern: MLN; Habitat: T

Biddinger, D. J., Hull, L. A., and McPherson, B. A. (1996). Cross-Resistance and Synergism in Azinphosmethyl Resistant and Susceptible Strains of Tufted Apple Bud moth (Lepidoptera: Tortricidae) to Various Insect Growth Regulators and Abamectin. *J.Econ.Entomol.* 89: 274-287.

EcoReference No.: 92696

Chemical of Concern: DEM,PPB,HFR,ABM,TBF,AZ,MLN,TUZ,DFZ,FYC; Habitat: T; Effect Codes: MOR; Code: TARGET(AZ,MLN,FYC,TUZ),NO MIXTURE(TBF,PPB) .

Bierut, L. J., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O. F., Swan, G. E., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Goate, A. M., Hinrichs, A. L., Konvicka, K., Martin, N. G., Montgomery, G. W., Saccone, N. L., Saccone, S. F., Wang, J. C., Chase, G. A., Rice, J. P., and Ballinger, D. G. (Novel Genes Identified in a High-Density Genome Wide Association Study for Nicotine Dependence. *Hum mol genet.* 2007, jan 1; 16(1):24-35. [*Human molecular genetics*]: *Hum Mol Genet.*

Chemical of Concern: MLN; Habitat: T

Bills, T. D. and Marking, L. L. (1988). Control of Nuisance Populations of Crayfish with Traps and Toxicants. *Prog.Fish-Cult.* 50: 103-106.

EcoReference No.: 7603

Chemical of Concern: EDT,CBL,MLN,CYF,CuS,RTN,NaN3,ATM; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Binns, T. J. (1983). Evaluation of Insecticides Against a Malathion-Resistant and a Susceptible Strain of the Rice Weevil, *Sitophilus-oryzae*. *Ann.Appl.Biol.* 102: 30-31.

Chemical of Concern: MLN; Habitat: T; Code: TARGET (MLN).

Biros, F. J. (*Residue rev*; 40. 1971 1-63.

Chemical of Concern: MLO; Habitat: AT

Bishop, C. A., Mahony, N. A., Struger, J., Ng, P., and Pettit, K. E. (1999). Anuran Development, Density and Diversity in Relation to Agricultural Activity in the Holland River Watershed, Ontario, Canada (1990-1992). *Environmental monitoring and assessment* 57: 21-43.

Chemical of Concern: MLN; Habitat: A

Bisset, J. A., Ortiz, E., Rodriguez, M., and Hemingway, J. (1995). Comparison of Microtitre Plate and Filter-Paper Assays of Elevated Esterase-Based Resistance Frequencies in Field and Laboratory Populations of the Mosquito *Culex quinquefasciatus* from Cuba. *Med.Vet.Entomol.* 9: 94-97.

EcoReference No.: 89608

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Bisset, J. A., Rodriguez, M. M., Diaz, C., Ortiz, E., Marquetti, M. C., and Hemingway, J. (1990). The Mechanisms of Organophosphate and Carbamate Resistance in *Culex quinquefasciatus* (Diptera: Culicidae) from Cuba. *Bull.Entomol.Res.* 80: 245-250.

Chemical of Concern: MLN,TMP,PPX; Habitat: A; Code: NO DURATION(MLN,TMP,PPX).

Bisset, J. A., Rodriguez, M. M., Hemingway, J., Diaz, C., Small, G. J., and Ortiz, E. (1991). Malathion and Pyrethroid Resistance in *Culex quinquefasciatus* from Cuba: Efficacy of Pirimiphos-Methyl in the Presence of at Least Three Resistance Mechanisms. *Med.Vet.Entomol.* 5: 223-228.

Chemical of Concern: CYP,PMR,MLN,PIRM,PPX,LCYT; Habitat: A; Code: NO DURATION,TARGET(CYP,PMR,MLN,PIRM).

Biswas, S., Kumar, K., and Singh, K. (1988). The *Stegomyia* Survey and Susceptibility Status of *Aedes aegypti* to Insecticides in Calcutta Seaport Area. *J.Communit.Dis.* 20: 253-259.

EcoReference No.: 91345

Chemical of Concern: DDT,FNTH,FNT,MLN,TMP; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN).

Bitsi, G. A., Singh, K., Khan, S. U., Akhtar, M. H., Kacew, S., and White, N. D. G. (1994). Fate of Wheat Bound Malathion Residues in Rats During Gestation. *Chemosphere* 29: 451-455.

EcoReference No.: 88967

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,BCM,GRO,CEL; Code: NO ENDPOINT(MLN).

Bladek, J., Rostkowski, A., and Miszczak, M. (1996). Application of Instrumental Thin-Layer Chromatography and Solid-Phase Extraction to the Analyses of Pesticide Residues in Grossly Contaminated Samples of Soil. *Journal of chromatography a* 754: 273-278.

Chemical of Concern: MLN; Habitat: T

Blaha, J. J. and Jackson, P. J. (1985). Multiresidue Method for Quantitative Determination of Organophosphorus Pesticides in Foods. *J assoc off anal chem* 68: 1095-1099.

Chemical of Concern: MLN; Habitat: T

Blancato, J. N., Power, F. W., Brown, R. N., and Dary, C. C. (Exposure Related Dose Estimating Model (Erdem): a Physiologically-Based Pharmacokinetic and Pharmacodynamic (Pbpb/Pd) Model for Assessing Human Exposure and Risk. *Govt reports announcements & index (gra&i)*, issue 25, 2006.

Chemical of Concern: MLN; Habitat: T

Blasiak, J., Jalszynski, P., Trzeciak, A., and Szyfter, K. (1999). In Vitro Studies on the Genotoxicity of the Organophosphorus Insecticide Malathion and Its Two Analogues. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis [Mutat. Res.-Genet. Toxicol. Environ. Mutag.]*. Vol. 445, no. 2, pp. 275-283. 30 Sep 1999.

Chemical of Concern: MLN; Habitat: T

Blasiak, J. and Stakowska, D. (2001). Genotoxicity of Malaoxon: Induction of Oxidized and Methylated Bases and Protective Effect of Alpha -Tocopherol. *Pesticide Biochemistry and Physiology [Pestic. Biochem. Physiol.]*. Vol. 71, no. 2, pp. 88-96. Oct 2001.

Chemical of Concern: MLN; Habitat: T

Blasiak, J. and Walter, Z. (1992). Protective Action of Cholesterol Against Changes in Membrane Fluidity Induced by Malathion. *Annual meeting of the polish biochemical society, lublin, poland, september 1991. Acta biochim pol* 39: 49-52.

Chemical of Concern: MLN; Habitat: AT

Blus, L. J. and Henny, C. J. (1997). Field Studies on Pesticides and Birds: Unexpected and Unique Relations. *Ecol.Appl.* 7: 1125-1132.

EcoReference No.: 93177

Chemical of Concern: MLN,DZ,CBF,DS,DDT,HPT,DMT,DCF; Habitat: T; Code: NO REVIEW(ALL CHEMS).

Blus, L. J. and Henny, C. J. (1997). Field Studies on Pesticides and Birds: Unexpected and Unique Relations. *Ecological applications* 7: 1125-1132 .

Chemical of Concern: MLN; Habitat: T

Bodhade, S. N., Narat, R. V., and Borle, M. N. (1987). Residual Toxicity of Various Synthetic Insecticides Against Cotton Aphid Aphis-gossypii Glover. *Pesticides (Bombay)* 21: 25-28.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Boike, A. H. Jr., Rathburn, C. B. Jr., Lang, K. L., Masters, H. M., and Floore, T. G. (1985). Current Status on the Florida Abate Monitoring Program - Susceptibility Levels of Three Species of Mosquitoes During 1984. *J.Am.Mosq.Control Assoc.* 1: 498-501.

EcoReference No.: 11380

Chemical of Concern: ABT,CPY,MLN,Naled; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(Naled,MLN),OK(ABT,CPY).

Boleas, S., Carbonell, G., Fernandez, C., Carballo, M., Ortiz, J. A., and Tarazona, J. V. (1998). Comparison Between Stress Response and Toxicant Exposure Biomarkers in Gilthead Sea Bream Sparus Aurata L. Exposed to Cadmium Malathion and-or Arochlor 1254. *Ninth international symposium on pollutant responses in marine organisms, bergen, norway, april 27-30, 1997. Marine environmental research* 46: 122-123.

Chemical of Concern: MLN; Habitat: A

Bollag, J. M. and Liu, S. Y. (1990). Biological Transformation Processes of Pesticides. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x.* 0: 169-212.

Chemical of Concern: MLN; Habitat: T

Bond, J.-A. (1994). Heat-Shock, Protein Expression and Resistance to Malathion in the Cladoceran Daphnia magna.

Ph.D.Thesis, University of Maryland, College Park, MD:152 p.(Publ in Part As 16901, 17867).

EcoReference No.: 19187

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Bond, J. A. and Bradley, B. P. (1993). The Relative Sensitivity of Daphnia-Magna to Environmental Stressors After Induction of Stress Proteins. *Sixth international symposium on responses of marine organisms to pollutants, part 2, woods hole, massachusetts, usa, april 24-26, 1991. Mar environ res* 35: 223.

Chemical of Concern: MLN; Habitat: A

Bond, J. A. and Bradley, B. P. (1997). Resistance to Malathion in Heat-Shocked Daphnia magna. *Environ.Toxicol.Chem.* 16: 705-712.

EcoReference No.: 17867

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Bond, J. A., Bradley, B. P., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Demonstration of an Inducible Protective Response in Daphnia Magna. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.*

Chemical of Concern: MLN; Habitat: A

Bondarenko, S. and Gan, J. *. (2004). Degradation and Sorption of Selected Organophosphate and Carbamate Insecticides in Urban Stream Sediments. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 23, no. 8, pp. 1809-1814. Aug 2004.*

Chemical of Concern: MLN; Habitat: AT

Bondarenko, S., Gan, J., Haver, D. L., and Kabashima, J. N. (2004). Persistence of Selected Organophosphate and Carbamate Insecticides in Waters From a Coastal Watershed. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 23, no. 11, pp. 2649-2654. Nov 2004.*

Chemical of Concern: MLN; Habitat: A

Bondareva, N. I. and Khairtudinov, D. G. (1983). On the Susceptibility of Three Species of Anopheles to Ddt and Malathion in Tajikistan. *Meditinskaya Parazitologiya i Parazitarnye Bolezni [MED. PARAZITOL. PARAZIT. BOLEZN.]. Vol. 52, no. 6, pp. 67-69. 1983.*

Chemical of Concern: MLN; Habitat: AT

Bonner, M. R., Coble, J., Blair, A., Beane Freeman, L. E., Hoppin, J. A., Sandler, D. P., and Alavanja, M. C. (Malathion Exposure and the Incidence of Cancer in the Agricultural Health Study. *Am j epidemiol.* 2007, nov 1; 166(9):1023-34. [*American journal of epidemiology*]: *Am J Epidemiol.*

Chemical of Concern: MLN; Habitat: T

Bonning, B. C. and Hemingway, J. (1991). The Efficacy of Acetylcholinesterase in Organophosphorus and Carbamate Resistance in Culex pipiens L. from Italy. *Pestic.Biochem.Physiol.* 40: 143-148.

EcoReference No.: 9638

Chemical of Concern: FNT,PPX,PIRM,MLN,BDC,CBL; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(FNT,PIRM,MLN,CBL).

Bookhout, C. G. and Costlow, J. D. Jr. (1976). Effects of Mirex, Methoxychlor, and Malathion on Development of

Crabs. EPA-600/3-76-007, U.S.EPA, Gulf Breeze, FL 85 p.(U.S.NTIS PB-252007) (Publ As 2690, 2662, 7331, 654, 7447).

Chemical of Concern: MLN; Habitat: A

Borah, R. K. (1995). Effect of Insecticides on Pest Incidence in Summer Greengram (*Phaseolus radiatus*). *Indian J.Agric.Sci.* 65: 913-915.

EcoReference No.: 89296

Chemical of Concern: CYP,MLN,DMT,DM; Habitat: T; Effect Codes: POP; Code: OK(CYP,DM),NO TARGET,NO CROP(MLN,DMT).

Bordas, A. C., Brady, M. S., Siewierski, M., and Katz, S. E. (1997). In Vitro Enhancement of Antibiotic Resistance Development-Interaction of Residue Levels of Pesticides and Antibiotics. *Journal of food protection* 60: 531-536.

Chemical of Concern: MLN; Habitat: AT

Bose, S. and Saroja-Subbaraj, G. (1984). Photosynthetic Behaviour of Cells of *Chlorella protothecoides* Adapted to Methyl Parathion. *Indian J.Exp.Biol.* 22: 374-378.

EcoReference No.: 12120

Chemical of Concern: DMT,MP,MLN; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Bossan, D., Wortham, H., and Masclet, P. (1995). Atmospheric Transport of Pesticides Adsorbed on Aerosols I. Photodegradation in Simulated Atmosphere. *Chemosphere* 30: 21-29.

Chemical of Concern: MLN; Habitat: T

Bouaichi, A., Coppen, G. D. A., and Jepson, P. C. (1994). Comparison of Diflubenzuron and Malathion as Blanket Sprays Against Sedentary Populations of Locusts and Grasshoppers in Moroccan Grassland. *Crop Prot.* 13: 53-59.

EcoReference No.: 91091

Chemical of Concern: DFZ,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN),NO COC(CTN).

Boumaiza, M., Ktari, M. H., and Vitiello, P. (1979). Toxicity of Several Pesticides Used in Tunisia, for *Aphanius fasciatus* Nardo, 1827 (Pisces, Cyprinodontidae). *Arch.Inst.Pasteur Tunis* 56: 307-342 (FRE).

EcoReference No.: 5365

Chemical of Concern: 24DXY,BT,CPY,DMT,DZ,MLN,PSM,PHMD,OMT; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

Bourgeois, D., Gaudet, J., Deveau, P., and Mallet, V. N. (1993). Microextraction of Organophosphorus Pesticides From Environmental Water and Analysis by Gas Chromatography. *Bull environ contam toxicol* 50: 433-440.

Chemical of Concern: MLN; Habitat: A

Bourguet, D., Roig, A., Toutant, J. P., and Arpagaus, M. (1997). Analysis of Molecular Forms and Pharmacological Properties of Acetylcholinesterase in Several Mosquito Species. *Neurochemistry international* 31: 65-72.

Chemical of Concern: MLO; Habitat: T

Bourquin, A. W. (1977). Degradation of Malathion by Salt-Marsh Microorganisms. *Appl.Environ.Microbiol.* 33: 356-362.

Chemical of Concern: MLN; Habitat: A; Code: NO BACTERIA(MLN).

Bourquin, A. W. (1977). Effects of Malathion on Microorganisms of an Artificial Salt-Marsh Environment. *J Environ Qual* 6: 373-378.

Chemical of Concern: MLN; Habitat: A

Boutsiouki, P., Thompson, J. P., and Clough, G. F. (2001). Effects of Local Blood Flow on the Percutaneous Absorption of the Organophosphorus Compound Malathion: a Microdialysis Study in Man. *Archives of Toxicology [Arch. Toxicol.]*. Vol. 75, no. 6, pp. 321-328. Aug 2001.

Chemical of Concern: MLN; Habitat: T

Boutsiouki Paraskevi and Clough Geraldine F (2004). Modulation of Microvascular Function Following Low-Dose Exposure to the Organophosphorous Compound Malathion in Human Skin in Vivo. *Journal of Applied Physiology [J. Appl. Physiol.]*. Vol. 97, no. 3, pp. 1091-1097. Sep 2004.

Chemical of Concern: MLN; Habitat: T

Bowman, B. T. and Sans, W. W. (Effect of Temperature on the Water Solubility of Insecticides. *J environ sci health part b pestic food contam agric wastes*; 20 (6). 1985 (recd. 1986). 625-632.

Chemical of Concern: MLN; Habitat: AT

Bowmer, K., Korth, W., Thomas, M., and McCorkelle, G. (1994). River Pollution With Agricultural Chemicals. *Roberts, J. And R. Oliver (ed.). The murrumbidgee: past and present* A forum on past and present research on the lower murrumbidgee river, Griffith, New South Wales, Australia, April 199. V+125p. CSIRO Publications: East Melbourne, Victoria, Australia. ISBN 0-643-05660-2.; 0: 7-19 .

Chemical of Concern: MLN; Habitat: T

Boyd, J. E. (1957). The Use of *Daphnia magna* in the Microbioassay of Insecticides. *Ph.D.Thesis, Penn.State University, University Park, PA* 194 p.

EcoReference No.: 14647

Chemical of Concern: PRN,MLN,AND,DZ; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(ALL CHEMS).

Boyes, W. K., Tandon, P., Barone, S. Jr., and Padilla, S. (1994). Effects of Organophosphates on the Visual System of Rats. *J.Appl.Toxicol.* 14: 135-143.

EcoReference No.: 92644

Chemical of Concern: TBF,TCF,PRN,MP,MLN,FNT,DZ,DDVP,FNTH; Habitat: T; Effect Codes: BCM; Code: NO REVIEW(MP,MLN,TBF,DZ),NO ENDPOINT(ALL CHEMS).

Bozsik, A., Francis, F., Gaspar, C., and Haubruge, E. (Effect of Some Insecticides on Acetylcholinesterase From Beneficial Insects: *Coccinella septempunctata*, *Chrysoperla carnea* and *Forficula auricularia*. *Meded rijksuniv gent fak landbouwk toegep biol wet.* 2002; 67(3):671-7. [*Mededelingen (rijksuniversiteit te gent. Fakulteit van de landbouwkundige en toegepaste biologische wetenschappen*)] : *Meded Rijksuniv Gent Fak Landbouwk Toegep Biol Wet.*

Chemical of Concern: MLO; Habitat: T

Bradman, M. A., Harnly, M. E., Goldman, L. R., Marty, M. A., Dawson, S. V., and Dibartolomeis, M. J. (Malathion and Malaoxon Environmental Levels Used for Exposure Assessment and Risk Characterization of Aerial Applications to Residential Areas of Southern California, 1989-1990. *J expo anal environ epidemiol.* 1994 jan-mar; 4(1):49-63. [*Journal of exposure analysis and environmental epidemiology*]: *J Expo Anal Environ Epidemiol.*

Chemical of Concern: MLO; Habitat: T

Brand, R. M., Pike, J., Wilson, R. M., and Charron, A. R. (2003). Sunscreens Containing Physical Uv Blockers Can Increase Transdermal Absorption of Pesticides. *Toxicology and Industrial Health [Toxicol. Ind. Health]*. Vol. 19, no. 1, pp. 9-16. Feb 2003.

Chemical of Concern: MLN; Habitat: T

Brandt, O. M., Fujimura, R. W., and Finlayson, B. J. (1993). Use of Neomysis mercedis (Crustacea: Mysidacea) for Estuarine Toxicity Tests. *Trans.Am.Fish.Soc.* 122: 279-288.

EcoReference No.: 9936

Chemical of Concern: CBF,MLN,MLT,MP,TBC,CuS; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLT,CBF,CuS,OW-TRV-Cu),OK(MP,TBC),NO CONTROL(MLN).

Braun, H. E. and Frank, R. (1980). Organochlorine and Organophosphorus Insecticides: Their Use in Eleven Agricultural Watersheds and Their Loss to Stream Waters in Southern Ontario, Canada, 1975-1977. *The Science of The Total Environment* 15: 169-192.

Chemical of Concern: MLN; Habitat: A

Braun, H. E., Frank, R., and Ritcey, G. M. (1990). Removal of Organophosphorus Organochlorine and Synthetic Pyrethroid Insecticides and Organochlorine Fungicides From Coverall Fabric by Laundering. *Bull environ contam toxicol* 44: 92-99.

Chemical of Concern: MLN; Habitat: AT

Braun, H. E., Surgeoner, G. A., Stanek, J., and Ralley, W. E. (1981). Efficacy and Dissipation of Permethrin for the Control of the Northern Fowl Mite in Hens. *Can.Vet.J.* 22: 291-294.

EcoReference No.: 99587

Chemical of Concern: PMR,MLN,CBL,CMPH; Habitat: T; Effect Codes: POP,ACC; Code: NO ENDPOINT(PMR,MLN,CBL).

Briggins, D. R. and Moerman, D. E. (1995). Pesticides, Nitrate-N and Bacteria in Farm Wells of Kings County, Nova Scotia. *Water quality research journal of canada* 30: 429-442.

Chemical of Concern: MLN; Habitat: A

Bringmann, G. and Kuhn, R. (1960). The Water-Toxicological Detection of Insecticides (Zum Wasser-Toxikologischen Nachweis von Insektiziden). *Gesund.Ing.* 8: 243-244 (GER) (ENG ABS).

EcoReference No.: 58990

Chemical of Concern: DZ,HCCH,MLN,EN,DLDDDT,Ag,Cd,CBL; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN//NO CONTROL(MLN).

Broadbent, A. B. and Pree, D. J. (1997). Resistance to Insecticides in Populations of Frankliniella occidentalis (Pergande) (Thysanoptera: Thripidae) from Greenhouses in the Niagara Region of Ontario. *Can.Entomol.* 129: 907-913.

EcoReference No.: 63606

Chemical of Concern: MLN,CPY,BDC,DM,ACP,PPB,MOM; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MOM,MLN),NO MIXTURE(PPB),TARGET(ACP).

Brodeur, J. and DuBois, K. P. (1967). Studies on Factors Influencing the Acute Toxicity of Malathion and Malaoxon in Rats. *Can.J.Physiol.Pharmacol.* 45: 621-631.

EcoReference No.: 89509

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: BCM,CEL,MOR; Code: NO CONTROL(MLO,MLN).

Brogdon, W. G. and Barber, A. M. (1987). Microplate Assay of Acetylcholinesterase Inhibition Kinetics in Single-Mosquito Homogenates. *Pestic biochem physiol* 29: 252-259.

Chemical of Concern: MLN; Habitat: T

Brogdon, W. G., Beach, R. F., Barber, A. M., and Cordon-Rosales, C. (1992). A Generalized Approach to Detection of Organophosphate Resistance in Mosquitoes. *Med.Vet.Entomol.* 6: 110-114.

EcoReference No.: 103789

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(FNT,MLN).

Bromand, B. (On the Problems of Minor Use in Denmark. *Pallutt, w. And h.-H. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 324; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 324); 2nd international symposium on minor uses called by the federal biological research centre for agriculture and forestry, june 11-13, 1996. 145p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3129-x; 0 (324). 1996. 103-110.*

Chemical of Concern: MLN; Habitat: T

Brondeau, M. T., Coulais, C., and De Ceaurriz, J. (1991). Difference in Liver and Serum Malathion Carboxylesterase and Glucose-6-Phosphatase in Detecting Carbon Tetrachloride-Induced Liver Damage in Rats. *J.Appl.Toxicol.* 11: 433-435.

EcoReference No.: 89077

Chemical of Concern: CTC; Habitat: T; Effect Codes: BCM; Code: NO COC(MLN).

Brower, J. H., Wool, D., and Kamin-Belsky, N. (Genetic Modification of Malathion Resistance in Almond Moth Populations by Immigration of Susceptible Males. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987). 354.*

Chemical of Concern: MLN; Habitat: T

Brown, D. R. and Moon, R. D. (1994). Biting Lice Control on Angora Goats in Northern Minnesota, 1992. *Arthropod Manag.Tests* 19: 367 (9K).

EcoReference No.: 89092

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,GRO; Code: NO DOM(MLN).

Brown, D. R. and Moon, R. D. (1995). Biting Lice Control on Angora Goats in Northern Minnesota, 1994. *Arthropod Manag.Tests* 20: 325 (3K).

EcoReference No.: 89089

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,POP; Code: NO DOM(MLN).

Brown, J. R., Chew, V., and Melson, R. O. (1993). Malathion Aerosol Cloud Behavior in a Coastal Plains Pine Flatwoods. *J am mosq control assoc* 9: 91-93.

Chemical of Concern: MLN; Habitat: T

Brown, J. R., Chew, V., and Melson, R. O. (1993). Temperature and Flow Rate Effects on Mass Median Diameters of Thermally Generated Malathion and Naled Fogs. *J am mosq control assoc* 9: 232-234.

Chemical of Concern: MLN; Habitat: T

Brown, J. R., Dukes, J. C., Beidler, E. J., Chew, V., and Ruff, J. (1993). A Comparison of Teflon Slides and the Army Insecticide Measuring System for Sampling Aerosol Clouds. *J am mosq control assoc* 9: 32-35.

Chemical of Concern: MLN; Habitat: AT

Brown, J. R., Melson, R. O., and Breau, T. P. (1992). Degradation of Malathion in Thermally Generated Aerosols. *J am mosq control assoc* 8: 191-192.

Chemical of Concern: MLN; Habitat: AT

Brown, L. R., Eads, C. O., Crisp, C. E., and Page, M. (1979). Control of a Jeffrey Pine Needleminer by Spraying and Trunk Implantation and Resultant Acephate Residues. *J.Econ.Entomol.* 72: 51-54.

EcoReference No.: 99767

Chemical of Concern:

CBF,DS,RSM,TCF,CBL,MXC,ACP,DMT,PMR,PSM,PHSL,CPY,HCCH,FNT,MLN,DZ; Habitat: T;

Effect Codes: ACC,POP,MOR; Code:

TARGET(CBF,DS,RSM,TCF,CBL,ACP,DMT,PMR,PSM,MLN,FNT,DZ,CPY).

Brown, M. A., Petreas, M. X., Okamoto, H. S., Mischke, T. M., and Stephens, R. D. (1993). Monitoring of Malathion and Its Impurities and Environmental Transformation Products on Surfaces and in Air Following an Aerial Application. *Environ sci technol* 27: 388-397.

Chemical of Concern: MLN; Habitat: T

Brown, S. B., Adams, B. A., Cyr, D. G., and Eales, J. G. (2004). Contaminant Effects on the Teleost Fish Thyroid. *Environ.Toxicol.Chem.* 23: 1680-1701.

Chemical of Concern:

PCB,PAH,MRX,DDT,EN,ES,MB,CF,HCCH,MLN,FNT,MP,NH,AL,CBF,CBL,CN,Cd,As,Pb,Hg;

Habitat: A

Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.

Chemical of Concern:

TFN,TPZ,TDP,PYN,PYM,PPB,PPM,Al,Cd,Pb,Hg,PHTH,DXN,FRN,HCN,PCB,BMN,CBL,CBF,AND,A CR,DDT,DCF,DLD,ES,EN,HCCH,TXP,DMT,FNT,MLN,MP,CYH,BFT,FNV,DM,PCL,MBZ,Maneb,Nab am,PDM,PCNB,Zineb,ATZ,Nf,PCP,ACO,DCPA,EFX,BMC,CTZ,FNB,FPN; Habitat: T

Brusle, J. (1991). The Eel (*Anguilla* Sp.) And Organic Chemical Pollutants. *Sci total environ* 102: 1-20.

Chemical of Concern: MLN; Habitat: A

Brussaard, J. H., Van Dokkum W, Van, D. E. R. Paauw Cg, De, V. O. S. Rh, De Kort W L Am, and Lowik, M. Rh (1996). Dietary Intake of Food Contaminants in the Netherlands (Dutch Nutrition Surveillance System).

Food additives and contaminants 13: 561-573.

Chemical of Concern: MLN; Habitat: T

Bryden, P. A., McKnight, R. H., and Westneat, S. C. (2005). Using U.S. Poison Control Center Records to Identify Bystander Pesticide Exposures: a One-Year Surveillance of Four Southeastern States. *Journal of Agricultural Safety and Health [J. Agric. Saf. Health]*. Vol. 11, no. 2, pp. 159-166. May 2005.

Chemical of Concern: MLN; Habitat: T

Bucks, D. A. W., Marty, J.-P. L., and Maibach, H. I. (1985). Percutaneous Absorption of Malathion in the Guinea-Pig: Effect of Repeated Topical Application. *Food Chem.Toxicol.* 23: 919-922.

EcoReference No.: 89174

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(MLN).

Budnik, K., Laing, M. D., and Da Graca Jv (1996). Reduction of Yield Losses in Pepper Crops Caused by Potato Virus Y in Kwazulu-Natal, South Africa, Using Plastic Mulch and Yellow Sticky Traps. *Phytoparasitica* 24: 119-124.

Chemical of Concern: MLN; Habitat: T

Bueno, D. E. Mesquita Hb, Doornbos, G., Van, D. E. R. Kuip D Am, Kogevinas, M., and Winkelmann, R. (1993). Occupational Exposure to Phenoxy Herbicides and Chlorophenols and Cancer Mortality in the Netherlands. *Am j ind med* 23: 289-300.

Chemical of Concern: MLN; Habitat: T

Bues, R., Boudinhon, L., Toubon, J. F., and Faivre D'Arcier, F. (1999). Geographic and Seasonal Variability of Resistance to Insecticides in *Cacopsylla pyri* L. (Hom., Psyllidae). *J.Appl.Entomol.* 123: 289-297.

EcoReference No.: 72767

Chemical of Concern: AZ,CPY,CYP,PSM,MLN,MP,MOM,AMZ,PRN,PIM,CPYM,FNV,MVP,DM,PSM;
Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,CYP,AZ),TARGET(MOM,MP).

Bull, D. L. and Pryor, N. W. (1990). Characteristics of Resistance in House Flies Subjected to Long-Term Concurrent Selection with Malathion and Permethrin. *Pestic.Biochem.Physiol.* 37: 101-115.

EcoReference No.: 88909

Chemical of Concern: PMR,MLN,MP,DMT,PPX,FNV,DDT; Habitat: T; Effect Codes: MOR,ACC,BCM; Code: TARGET(DMT,MLN,MP),OK(ALL CHEMS).

Bulsiewicz, H., Rozewicka, L., Januszewska, H., and Bajko, J. (1976). Aberrations of Meiotic Chromosomes Induced in Mice with Insecticides. *Folia Morphol.(Warsaw)* 35: 361-368.

EcoReference No.: 103435

Chemical of Concern: MXC,MLN,TCF; Habitat: T; Effect Codes: CEL; Code: NO
ENDPOINT(TCF,MLN).

Bunner, B. L., Boobar, L. R., Vorgetts, L. J., and Broski, F. H. (1987). Increased Toxicity of Malathion Diluted with Heavy Aromatic Naphtha on Adult *Aedes taeniorhynchus*. *J.Am.Mosq.Control Assoc.* 3: 87-89.

EcoReference No.: 78025

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: TARGET MLN.

Buntin, G. D. (1992). Aphid Control in Winter Canola Using Foliar Insecticides, 1991. *Insectic.Acaric.Tests* 17: 186 (No. 19F).

EcoReference No.: 89372

Chemical of Concern: MLN,ES,DS,DMT,CPY; Habitat: T; Effect Codes: POP; Code: OK(ES,DS,CPY),NO TARGET,NO CROP(MLN,DMT).

Buntin, G. D. (1998). Comparison of Foliar-Applied Insecticides for Aphid Control in Rosette and Flowering Canola. *In: G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 18-24.

EcoReference No.: 73094

Chemical of Concern: MLN,CPY,ES,DMT,PMR; Habitat: T; Effect Codes: POP,GRO; Code: LITE EVAL CODED(DMT),TARGET(MLN).

Buntin, G. D. (1998). Evaluation of Insecticides for Control of the Cabbage Seedpod Weevil in Canola. *In: G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 25-29.

EcoReference No.: 73097

Chemical of Concern: EFV,MLN,ES,PMR,MOM,CBL,MP,PSM,AZD,PRN; Habitat: T; Effect Codes: POP,GRO,BCM; Code: LITE EVAL CODED(EFV,MOM,AZD),TARGET(MLN,CBL),OK(ALL CHEMS),NO CROP(MP).

Buntin, G. D., Flanders, K. L., Slaughter, R. W., and DeLamar, Z. D. (2004). Damage Loss Assessment and Control of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Winter Wheat. *J.Econ.Entomol.* 97: 374-382.

EcoReference No.: 100712

Chemical of Concern: SS,MP,MOM,MLN,CYH,DS,CBF,CBL; Habitat: T; Effect Codes: GRO,POP,PHY; Code: EFFICACY(MP,MOM,MLN,CBF,CBL,DS).

Buratti, F. M. and Testai, E. (Malathion Detoxification by Human Hepatic Carboxylesterases and Its Inhibition by Isomalathion and Other Pesticides. *J biochem mol toxicol.* 2005; 19(6):406-14. [*Journal of biochemical and molecular toxicology*]: *J Biochem Mol Toxicol.*

Chemical of Concern: MLO; Habitat: T

Burguera, J. L. and Burguera, M. (1986). Determination of Some Organophosphorus Insecticides by Flow Injection With a Molecular Emission Cavity Detector. *Analytica Chimica Acta* 179: 497-502.

Chemical of Concern: MLN; Habitat: AT

Burridge, L. E. and Haya, K. (1987). The Use of a Fugacity Model to Assess Risk to Aquatic Animals of Agricultural Pesticides Uses on Prince Edward Island Canada. *Thirteenth annual aquatic toxicity workshop, moncton, new brunswick, canada, november 12-14, 1986. Can tech rep fish aquat sci* 0: 136-140.

Chemical of Concern: MLN; Habitat: A

Burt, J. S. and Ebell, G. F. (1995). Organic Pollutants in Mussels and Sediments of the Coastal Waters Off Perth, Western Australia. *Marine pollution bulletin* 30: 723-732.

Chemical of Concern: MLN; Habitat: A

Bush, P. B. (Pesticide Residue Monitored in Feed. *Poult dig*; 44 (526). 1985 (recd. 1986). 527.

Chemical of Concern: MLN; Habitat: T

Bustos-Obregon, E. and Abarca, M. (1997). Effect of Organophosphoric Agropesticides on Spermatogenesis. *Vith international congress of andrology, salzburg, austria, may 25-29, 1997. International journal of andrology* 20: 64.

Chemical of Concern: MLN; Habitat: T

Bustos-Obregon, E. and Gonzalez-Hormazabal, P. (2003). Mice Testicular Damage Elicited by Malathion. *Int.J.Morphol.* 21: 155-159.

EcoReference No.: 77237

Chemical of Concern: MLN; Habitat: T; Effect Codes: REP,CEL; Code: NO ENDPOINT(MLN).

Butani, P. G. and Mittal, V. P. (1992). Control of Bitter Gourd Fruit Flies Through Poison Bait Prepared From Conventional Insecticides. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 267.

Chemical of Concern: MLN; Habitat: T

Butcher, J. B. (1997). Toxics Zoning for Reservoir Source Water Protection. *Lake and reservoir management* 13: 281-291.

Chemical of Concern: MLN; Habitat: A

Butler, P. A. (1966). Annual Report of the Bureau of Commercial Fisheries Biological Laboratory, Gulf Breeze, Florida. For the Fiscal Year Ending June 30, 1965. *Annu.Rep.Bur.Commercial Fish., U.S.D.I., Gulf Breeze, FL, U.S.Bur.Comm.Fish.* 247: 15 p.

EcoReference No.: 46522

Chemical of Concern: DDT,PRT,HCCH,MLN,MXC,TXP,DLD,EN,HPT,CHD,Naled; Habitat: A; Effect Codes: ACC,BCM,MOR; Code: NO CONTROL(HCCH,MXC,TXP,DLD,EN,HPT,CHD),NO ENDPOINT,NO CONTROL(PRT,MLN),NO ENDPOINT(Naled).

Butler, P. A. (1963). Commercial Fisheries Investigations. *Circ.No.167, Fish Wildl.Serv., Washington, D.C.* 11-25.

EcoReference No.: 2188

Chemical of Concern:

AZ,CBL,DZ,HCCH,MLN,Naled,PSM,24DXY,DS,DU,PEB,Folpet,RTN,FBM,CHD,DEM,TXP,MRX,ET N,DZ,AND,MCPA,HPT,DDT,DDVP,EN,CBL,MXC,OXD; Habitat: A; Effect Codes: NOC,GRO,MOR,BEH,PHY; Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(OXD,MLN).

Butler, P. A. (1964). Commercial Fishery Investigations. *In: Pesticide-Wildlife Studies, 1963, U.S.D.I., Fish and Wildl.Serv.,Circ.199* 28 p.(Author Communication Used).

EcoReference No.: 646

Chemical of Concern:

AZ,DS,HCCH,MLN,MP,Naled,PRT,24DXY,CMPH,DMT,DU,PEB,PSM,NTP,TXP,CBL; Habitat: A; Effect Codes: BEH,POP,MOR,GRO,ACC,SYS; Code: NO CONTROL(ALL CHEMS).

Buxton, J. H. and Macdonald, O. C. (1994). Chemical Control of the South American Leaf Miner, *Liriomyza huidobrensis*. *In: Brighton Crop Prot.Conf.-Pests and Diseases* 2: 731-736.

EcoReference No.: 97423

Chemical of Concern: DMT,ABM,CYR,TCF,MLN; Habitat: T; Effect Codes: MOR,REP,POP; Code:

TARGET(DMT,CYR,MLN,TCF).

Buyukguzel, K. (2006). Malathion-Induced Oxidative Stress in a Parasitoid Wasp: Effect on Adult Emergence, Longevity, Fecundity, and Oxidative and Antioxidative Response of *Pimpla turionellae* (Hymenoptera: Ichneumonidae). *J.Econ.Entomol.* 99: 1225-1234.

EcoReference No.: 87335

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,REP,MOR,PHY,BCM; Code: TARGET MLN.

Byrdey, F. A. and Caruso, J. A. (1994). Elemental Analysis of Environmental Samples Using Chromatography Coupled With Plasma Mass Spectrometry. *Environmental science & technology* 28: 528a-532a, 534a.

Chemical of Concern: MLN; Habitat: AT

Byrne, C. D. (1988). Selection of Substances Requiring Priority Action. *Richardson, m. L. (Ed.). Risk assessment of chemicals in the environment* Third european conference, guilford, england, uk, july 11-14, 1988. Xxi+579p. Royal society of chemistry: london, england, uk. Illus. Maps. Isbn 0-85186-118-0.; 0: 414-434.

Chemical of Concern: MLN; Habitat: AT

Caballero de Castro, A. C., Rosenbaum, E. A., and Pechen de D'Angelo, A. M. (1991). Effect of Malathion on *Bufo arenarum* Hensel Development-I Esterase Inhibition and Recovery. *Biochem.Pharmacol.* 41: 491-495.

EcoReference No.: 88979

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Cabello, G., Quaas, A. F., Vilaxa, A., and Hrepic, N. (1990). Cholinesterase Inhibitors and Mammary Gland Development. *15th international cancer congress, hamburg, germany, august 16-22, 1990. J cancer res clin oncol* 116: 21.

Chemical of Concern: MLN; Habitat: T

Cabello, G., Vilaxa, A., Laime, D., and Hrepic, N. (1997). Site of Action of Malathion Cholinesterase Inhibitor as a Cancer Inducer. *2nd world congress on advances in oncology, athens, greece, october 16-18, 1997. International journal of oncology* 11: 891.

Chemical of Concern: MLN; Habitat: T

Cabras, P., Garau, V. L., Angioni, A., Farris, G. A., Budroni, M., and Spanedda, L. (1995). Interactions During Fermentation Between Pesticides and Oenological Yeasts Producing H₂S and SO₂. *Applied microbiology and biotechnology* 43: 370-373.

Chemical of Concern: MLN; Habitat: AT

Cabras, P., Garau, V. L., Melis, M., Pirisi, F. M., and Tuberioso, C. Ig (1995). The Effect of Clarifying Substances on Organophosphorous Insecticide Residues in Wine. *Journal of wine research* 6: 201-205.

Chemical of Concern: MLN; Habitat: AT

Cagampan, S., Zaruk, D., Struger, J., and Backus, S. M. (2003). Determination of Organophosphates Used for Mosquito Control in Precipitation in an Urban Area.

Chemical of Concern: MLN; Habitat: T

Cahill, Thomas M. and Mackay, Donald (2003). A High-Resolution Model for Estimating the Environmental Fate of Multi-Species Chemicals: Application to Malathion and Pentachlorophenol. *Chemosphere* 53: 571-581.

Chemical of Concern: MLN; Habitat: T

Cain, B. W. (1988). Wintering Waterfowl Habitat in Texas: Shrinking and Contaminated. In: M.W.Weller (Ed.), *Waterfowl in Winter, Symp, Jan.7-10, 1985, Galveston, TX, Univ. of MN Press, Minneapolis, MN* 583-596.

Chemical of Concern:

Sb,Pb,Hg,Cd,As,Ni,Mn,Cu,Co,Cr,Ba,Al,PYR,NAPH,FLU,FA,ANT,ACE,DPDP,PRN,MP,MLN,DZ,TXP, MXC,24D,AND,CHD,DDT,DLD,EN,HPT,HCCH; Habitat: A; Code: NO REVIEW(ALL CHEMS).

Cain, B. W. (Wintering Waterfowl Habitat in Texas Usa Shrinking and Contaminated. Weller, m. W. (Ed.). *Waterfowl in winter; symposium, galveston, texas, usa, january 7-10, 1985. Xx+624p. University of minnesota press: minneapolis, minnesota, usa. Illus. Maps. Isbn 0-8166-1571-3(paper); isbn 0-8166-1570-5(cloth).; 0 (0). 1988. 583-596.*

Chemical of Concern: MLN; Habitat: T

Cain, R. B. and Head, I. M. (1991). Enhanced Degradation of Pesticides Its Biochemical and Molecular Biological Basis. Walker, a. (Ed.). *British crop protection council monograph, no. 47. Pesticides in soils and water: current perspectives Symposium, coventry, england, uk, march 25-27, 1991. Ix+233p. British crop protection council: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-51-5.; 0: 23-40.*

Chemical of Concern: MLN; Habitat: AT

Cairns, T., Chiu, K. S., Navarro, D., and Siegmund, E. (1993). Multiresidue Pesticide Analysis by Ion-Trap Mass Spectrometry. *Rapid communications in mass spectrometry* 7: 971-988.

Chemical of Concern: MLN; Habitat: T

Calleja, M. C., Persoone, G., and Geladi, P. (1994). Comparative Acute Toxicity of the First 50 Multicentre Evaluation of In Vitro Cytotoxicity Chemicals to Aquatic Non-Vertebrates. *Arch.Environ.Contam.Toxicol.* 26: 69-78.

EcoReference No.: 13669

Chemical of Concern:

24DXY,HCCH,MLN,WFN,PCP,Ba,CTC,PL,SFL,NCTN,LPS,PAQT,As,CuS,Hg,TI,CF,AMSV; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(ALL CHEMS).

Calvet, R. (1989). Adsorption of Organic Chemicals in Soils. *Environ health perspect* 83: 145-178.

Chemical of Concern: MLN; Habitat: T

Camel, V. (1997). The Determination of Pesticide Residues and Metabolites Using Supercritical Fluid Extraction. *Trends in analytical chemistry* 16: 351-369.

Chemical of Concern: MLN; Habitat: AT

Camel, V. (1998). Supercritical Fluid Extraction as a Useful Method for Pesticides Determination. *Analisis* 26: M99-m111.

Chemical of Concern: MLN; Habitat: T

Camel, V. and Bermond, A. (1998). The Use of Ozone and Associated Oxidation Processes in Drinking Water

Treatment. *Water research* 32: 3208-3222.

Chemical of Concern: MLN; Habitat: A

Campanella, L., Cocco, R., Sammartino, M. P., and Tomassetti, M. (1992). A New Enzyme Inhibition Sensor for Organophosphorus Pesticides Analysis. *Fourth international workshop on chemical, biological and ecotoxicological behaviour of pesticides in the soil environment, rome, italy, may 29-31, 1991. Sci total environ* 123-124: 1-16.

Chemical of Concern: MLN; Habitat: T

Campanella, L., De Luca S, Sammartino, M. P., and Tomassetti, M. (1999). A New Organic Phase Enzyme Electrode for the Analysis of Organophosphorus Pesticides and Carbamates. *Analytica chimica acta* 385: 59-71.

Chemical of Concern: MLN; Habitat: T

Campbell, J. R. and Penner, D. (1982). Enhanced Phytotoxicity of Bentazon with Organophosphate and Carbamate Insecticides. *Weed Sci.* 30: 324-326.

EcoReference No.: 61217

Chemical of Concern: MLN,PRN,DZ,CBL,CBF,BT; Habitat: T; Effect Codes: POP,CEL,GRO; Code: LITE EVAL CODED(DZ,CBF),OK(PRN,BT,TARGET-CBL),NO CROP(MLN).

Cantilli, R. (Drinking Water Health Advisory for Malathion. *Govt reports announcements & index (gra&i)*, issue 09, 2092.

Chemical of Concern: MLN; Habitat: A

Capt, A., Luzy, A. P., Esdaile, D., and Blanck, O. (2007). Comparison of the Human Skin Grafted onto Nude Mouse Model with In Vivo and In Vitro Models in the Prediction of Percutaneous Penetration of Three Lipophilic Pesticides. *Regul.Toxicol.Pharmacol.* 47: 274-287.

Chemical of Concern: MLN,DDVP,CYP; Habitat: T; Code: NO HUMAN HEALTH(MLN,DDVP,CYP).

Careri, M., Manini, P., and Maspero, M. (1994). Liquid Chromatography-Mass Spectrometry in Environmental Analysis. *Annali di chimica* 84: 475-508.

Chemical of Concern: MLN; Habitat: AT

Carlson, C. A. and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. Au - Beyers Dw. *Environ toxicol chem* 10: 1425-1430.

Chemical of Concern: MLN; Habitat: A

Carlson, R. W. (1990). Ventilatory Patterns of Bluegill (*Lepomis macrochirus*) Exposed to Organic Chemicals with Different Mechanisms of Toxic Action. *Comp.Biochem.Physiol.C* 95: 181-196.

EcoReference No.: 3461

Chemical of Concern: CF,24DXY,C8OH,NP,CBL,ACC,PCP,RTN,MLN; Habitat: A; Effect Codes: PHY,MOR; Code: LITE EVAL CODED(CBL,C8OH,ACL),NO ENDPOINT(RTN,MLN).

Carlson, R. W. (1990). Ventilatory Patterns of Bluegill (*Lepomis macrochirus*) Exposed to Organic Chemicals with Different Mechanisms of Toxic Action. *Comp.Biochem.Physiol.C* 95: 181-196.

EcoReference No.: 3461

Chemical of Concern: CF,24DXY,C8OH,NP,CBL,ACC,PCP,RTN,MLN; Habitat: A; Effect Codes: PHY,MOR; Code: LITE EVAL CODED(CBL,C8OH,ACL),NO ENDPOINT(ALL CHEMS).

Carlton, W. W. (Third Symposium on Prophylaxis and Treatment of Chemical Poisoning Stockholm Sweden April 22-24 1985. *Fundam appl toxicol*; 5 (6 part 2). 1985 (recd. 1986). S1-s279.

Chemical of Concern: MLN; Habitat: T

Caron, D. M. (1979). Effects of Some ULV Mosquito Abatement Insecticides on Honey Bees. *J.Econ.Entomol.* 72: 148-151.

EcoReference No.: 72010

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,Naled).

Carter, F. L. and Graves, J. B. (1972). Measuring Effects of Insecticides on Aquatic Animals. *La.Agric.* 16: 14-15.

EcoReference No.: 942

Chemical of Concern: CPY,MP,AZ,DCTP,CBL,CBF,DDT,TXP,MRX,MLN,MOM,ADC; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Carter, M. K. and Maddux, B. (Interaction of Dichlorvos and Anticholinesterases on the in Vitro Inhibition of Human Blood Cholinesterases. *Toxicology and applied pharmacology*, vol. 27, pages 456-463, 24 references, 1974/1974.

Chemical of Concern: MLO; Habitat: T

Carvalho, F. P., Fowler, S. W., Gonzelez-Farias, F., Mee, L. D., and Readman, J. W. (1996). Agrochemical Residues in the Altata-Ensenada Del Pabellon Coastal Lagoon (Sinaloa, Mexico): a Need for Integrated Coastal Zone Management. *International journal of environmental health research* 6: 209-220.

Chemical of Concern: MLN; Habitat: A

Carver, M. P. and Riviere, J. E. (1989). Percutaneous Absorption and Excretion of Xenobiotics After Topical and Intravenous Administration to Pigs. *Fundam.Appl.Toxicol.* 13: 714-722.

EcoReference No.: 86546

Chemical of Concern: MLN,PRN,BZO; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(ALL CHEMS).

Casanova, J. A. (1996). Use of Solid-Phase Extraction Disks for Analysis of Moderately Polar and Nonpolar Pesticides in High-Moisture Foods. *Journal of aoac international* 79: 936-940.

Chemical of Concern: MLN; Habitat: AT

Casida, J. E., Baron, R. L., Eto, M., and Engel, J. L. (1963). Potentiation and Neurotoxicity Induced by Certain Organophosphates. *Biochem.Pharmacol.* 12: 73-83.

EcoReference No.: 89459

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Casimir, M. (1968). Control of Grasshoppers (*Phaulacridium vittatum*) by Ultra-low Volume Aerial Application of Technical Maldison. *Aust.J.Exp.Agric.Anim.Husb.* 8: 631-636.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Casimiro, S., Coleman, M., Hemingway, J., and Sharp, B. (2006-). Insecticide Resistance in *Anopheles arabiensis* and *Anopheles gambiae* from Mozambique. *J.Med.Entomol.* 43: 276-282.

EcoReference No.: 94048

Chemical of Concern: LCYT,DM,PMR,BDC,PPX,MLN,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(MLN).

Casimiro, S., Coleman, M., Mohloai, P., Hemingway, J., and Sharp, B. (2006-). Insecticide Resistance in *Anopheles funestus* (Diptera: Culicidae) from Mozambique. *J.Med.Entomol.* 43: 267-275.

EcoReference No.: 94049

Chemical of Concern: LCYT,DM,PMR,BDC,PPX,MLN,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(MLN).

Castella, J. C., Jourdain, D., Trebuil, G., and Napompeth, B. (1999). A Systems Approach to Understanding Obstacles to Effective Implementation of Ipm in Thailand: Key Issues for the Cotton Industry. *Agriculture ecosystems & environment* 72: 17-34.

Chemical of Concern: MLO; Habitat: T

Ceballo, F. A. and Morallo-Rejesus, B. (Admixture and Residual Toxicity of Some Selected Insecticides Against Five Coleopterous Storage Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 351.

Chemical of Concern: MLN; Habitat: T

Cengiz, E. I. and Unlu, E. (2003). Histopathology of Gills in Mosquitofish, *Gambusia affinis* After Long-Term Exposure to Sublethal Concentrations of Malathion. *J.Environ.Sci.Health Part B* 38: 581-589.

EcoReference No.: 104361

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH,GRO,PHY; Code: NO ENDPOINT(MLN).

Chadha, D. B., Perti, S. L., and Dixit, R. S. (1964). Effect of Temperature and Humidity on the Susceptibility of Insects to Insecticides. In: S.K.Majunder (Ed.), *Symp.on Pesticides, Acad.of Pest Control Sci., Mysore, India* 28-32.

EcoReference No.: 39918

Chemical of Concern: DDT,DLD,DZ,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Chadwick, P. R., Slatter, R., and Bowron, M. J. (1984). Cross-Resistance to Pyrethroids and Other Insecticides in *Aedes aegypti*. *Pestic.Sci.* 15: 112-120.

EcoReference No.: 11465

Chemical of Concern: DLD,BRSM,PYN,MLN,PMR,PPX,DDT; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Chakraborti, S., Roy, S. K., Banerjee, S. K., and Chatterjee, G. C. (1982). Studies on DNA, RNA and Protein Synthesis in Malathion Treated Germinating Seeds of *Vigna sinensis* (L.): Effect of Plant Growth Hormone Supplementation. *Int.J.Environ.Stud.* 20: 53-62.

EcoReference No.: 25363

Chemical of Concern: MLN,GIB,IAA; Habitat: T; Effect Codes: BCM,CEL; Code: NO ENDPOINT(MLN,GIB,IAA).

Chakraborti, S., Sarkar, N., Sengupta, P. K., and Banerjee, S. K. (1982). Biochemical Studies of Some Membrane

Bound Hydrolases in Malathion Treated Germinating Seeds of *Vigna sinensis* (L): Effect of Plant Growth Hormone Supplementation. *Indian J.Exp.Biol.* 20: 850-855.

EcoReference No.: 25359

Chemical of Concern: GIB,IAA,MLN; Habitat: T; Effect Codes: GRO,PHY,BCM; Code: NO CROP(MLN),NO MIXTURE(GIB,IAA).

Chanchal, A. K., Kumar, S., Rajan, N. K., and Pandey, B. N. (1990). Effect of Pesticides on Oxygen Consumption of Fresh Water Fish *Puntius sophore*. *Environ.Ecol.* 8: 775-776.

EcoReference No.: 3444

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Chandla, V. K., Bhalla, O. P., Misra, S. S., and Bist, B. S. (1988). Residual Toxicity of Insecticides Deposits Against Epilachna Beetles *Epilachna-ocellata* Redt on Potatoes in Simla India Hills. *Pesticides (Bombay)* 22: 16-18.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Chandra, S. (1988). Effect of Malathion on the Cholesterol Levels of Different Tissues of Fresh Water Catfish (*Clarias batrachus*). *J.Rec.Adv.Appl.Sci.* 3: 500-503.

EcoReference No.: 14587

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Chandrakar, H. K., Dubey, A. K., and Kaushik, U. K. (1993). Performance of Some Common Insecticides Against *Dactynotus compositae* (Theobold) on Safflower. *J.Insect Sci.* 6: 156-157.

EcoReference No.: 89147

Chemical of Concern: CYP,PPHD,DEM,DMT,MLN,ES,CPY; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET,NO CROP(MLN,DMT).

Chandrasekharam, V. and Srikanth, N. S. (1986). In-Vitro Combinational Influence of Bhc and Malathion on the Acetylcholinesterase Activity in the Muscle Tissue of the Fish *Tilapia-Mossambica*. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 245.

Chemical of Concern: MLN; Habitat: A

Chandrashekar, K. R. and Kaveriappa, K. M. (1994). Effect of Pesticides on Sporulation and Germination of Conidia of Aquatic Hyphomycetes. *J.Environ.Biol.* 15: 315-324 .

EcoReference No.: 13517

Chemical of Concern: 24DXY,MLN,PQT,Zn,MZB,Captan; Habitat: A; Effect Codes: REP,GRO; Code: NO ENDPOINT(Captan,24DXY,MLN,PQT,Zn,MZB).

Chang, C. K. and Whalon, M. E. (1987). Substrate Specificities and Multiple Forms of Esterases in the Brown Planthopper, *Nilaparvata Lugens* (Stal). *Pesticide Biochemistry and Physiology* 27: 30-35.

Chemical of Concern: MLN; Habitat: T

Chang, S. K., Williams, P. L., Dauterman, W. C., and Riviere, J. E. *. (1994). Percutaneous Absorption, Dermatopharmacokinetics and Related Bio-Transformation Studies of Carbaryl, Lindane, Malathion, and Parathion in Isolated Perfused Porcine Skin. *Toxicology. Vol. 91, no. 3, pp. 269-280. 1994.*

Chemical of Concern: MLN; Habitat: T

Chao Li-Ching and Lio Sin-Chung (1993). Resistance of Housefly, *Musca Domestica* L., To Dichlorvos, Malathion, Pirimiphos-Methyl and Propoxur in Lo-Tung Area. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 13, no. 1, pp. 17-25. 1993.

Chemical of Concern: MLN; Habitat: AT

Chapalamadugu, S. and Chaudhry, G. R. (1992). Microbiological and Biotechnological Aspects of Metabolism of Carbamates and Organophosphates. *Crit rev biotechnol* 12: 357-389.

Chemical of Concern: MLN; Habitat: T

Chaturvedi, L. D. and Saxena, V. P. (1983). Quantitative Measure of Lindane and Malathion Residues in Some Tissues of *Channa Punctatus*. *Toxicol.Lett.* 18: 156.

Chemical of Concern: HCCH,MLN; Habitat: A

Chaturvedi L. D. and Saxena V. P. (Quantitative Measurements of Lindane and Malathion Residues in Some Tissues of *Channa Punctatus*. *Toxicology Letters* 18: **156**.

Chemical of Concern: MLN; Habitat: A

Chaudhari, T. R., Jadhav, M. L., and Lomte, V. S. (1988). Acute Toxicity of Organophosphates to Fresh Water Snails From Panzara River at Dhule, MS. *Environ.Ecol.* 6: 244-246.

EcoReference No.: 13204

Chemical of Concern: DMT,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(DMT),NO CONTROL(MLN).

Cheah, M.-L., Avault, J. W. Jr., and Graves, J. B. (1980). Acute Toxicity of Selected Rice Pesticides to Crayfish *Procambarus clarkii*. *Prog.Fish-Cult.* 42: 169-172 .

EcoReference No.: 5245

Chemical of Concern: CuOH,BMY,THM,24DXY,MLT,MP,CBL,CBF,MLN,PPN,Captan; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MLT,CuOH),NO CONTROL(ALL CHEMS).

Cheema, A. A., Shah, F. H., and Shakoori, A. R. (Kinetics of Inhibition of Acetylcholinesterase of Goat Brain Homogenate by Malaoxon. *Pak j zool*; 17 (4). 1985 (recd. 1987). 373-380.

Chemical of Concern: MLO; Habitat: T

Chen Hon-Cheng (2001). Studies on Water Quality Criteria of Pesticides for Farming Black Tiger Shrimp *Penaeus Monodon*. *6th Asian Fisheries Forum Book of Abstracts.* p. 46. 2001.

Chemical of Concern: MLN; Habitat: A

Chen, P.-S., Lin, Y.-N., and Chung, C.-L. (1971). Laboratory Studies on the Susceptibility of Mosquito-Eating Fish, *Lebistes reticulatus* and the Larvae of *Culex pipiens fatigans* to Insecticides. *Tai-Wan I.Hsueh Hui Tsa Chih* 70: 28-35.

EcoReference No.: 9297

Chemical of Concern: DDT,PRN,HCCH,CBL,MLN,DZ; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Chen, W. and Mulchandani, A. (1998). The Use of Live Biocatalysts for Pesticide Detoxification. *Trends in biotechnology* 16: 71-76.

Chemical of Concern: MLN; Habitat: AT

Chen, W. L. and Sun, C. N. (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, Nilaparvata Lugens Stal. *Insect biochemistry and molecular biology* 24: 347-355.

Chemical of Concern: MLO; Habitat: T

Chen Wen-Lin and Sun Chih-Ning* (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, Nilaparvata Lugens Staal. *Insect Biochemistry and Molecular Biology [INSECT BIOCHEM. MOL. BIOL.]*. Vol. 24, no. 4, pp. 347-355. 1994.

Chemical of Concern: MLN; Habitat: T

Chen, X. Y., Shao, J. Z., Xiang, L. X., and Liu, X. M. (2006). Involvement of Apoptosis in Malathion-Induced Cytotoxicity in a Grass Carp (Ctenopharyngodon idellus) Cell Line. *Comp.Biochem.Physiol.C* 142: 36-45.

Chemical of Concern: MLN; Habitat: A; Code: IN VITRO(MLN).

Chen, X. Y., Shao, J. Z., Xiang, L. X., and Liu, X. M. (2006). Involvement of Apoptosis in Malathion-Induced Cytotoxicity in a Grass Carp (Ctenopharyngodon Idellus) Cell Line. *Comp.Biochem.Physiol.C* 142: 36-45.

Chemical of Concern: MLN; Habitat: A

Chen, Y. P. and Sudderuddin, K. I. (1978). Toxicological Studies of Insecticides on Culex quinquefasciatus Say and Aedes aegypti (L.). *Southeast Asian J.Trop.Med.Public Health* 9: 378-383.

EcoReference No.: 100870

Chemical of Concern: DDVP,HCCH,DDT,MLN,CBL,TMP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Chernyak, S. M., Rice, C. P., and McConnell, L. L. (1996). Evidence of Currently-Used Pesticides in Air, Ice, Fog, Seawater and Surface Microlayer in the Bering and Chukchi Seas. *Marine pollution bulletin* 32: 410-419.

Chemical of Concern: MLN; Habitat: A

Chhonkar, P. K. and Rao, D. Ln (1996). Soil Biology and Biochemistry in Relation to Land Degradation and Environmental Pollution. Biswas, t. D. And g. Narayanasamy (ed.). *Indian society of soil science bulletin, no. 17. Soil management in relation to land degradation and environment* Symposium, dehradun, india, october 8-9, 1993. Ii+167p. Indian society of soil science: new delhi, india.; 0: 133-147.

Chemical of Concern: MLN; Habitat: AT

Childers, C. C., Aguilar, H., Villanueva, R., and Abou-Setta, M. M. (2001). Comparative Residual Toxicities of Pesticides to the Predator Euseius mesembrinus (Acari: Phytoseiidae) on Citrus in Florida. *Fla.Entomol.* 84: 391-401.

EcoReference No.: 78987

Chemical of Concern:

DFZ,ALSV,ETN,PRB,CBL,FTT,FO,CPY,DCF,CuOH,DMT,AZD,CuS,FMB,BMY,MLN,PPG,FNB,CFP, AZ; Habitat: T; Effect Codes: POP,MOR; Code: OK(CuOH,CuS,FNB,BMY,FBM,CPY,PRB,CBL,FTT,FO,DCF,DMT,AZD),TARGET(MLN,AZ,CBL),N O MIXTURE(ETN).

Childers, C. C., Villanueva, R., Aguilar, H., Chewning, R., and Michaud, J. P. (2001). Comparative Residual

Toxicities of Pesticides to the Predator *Agistemus industani* (Acari: Stigmaeidae) on Citrus in Florida. *Exp.Appl.Acarol.* 25: 461-474.

EcoReference No.: 78988

Chemical of Concern:

DFZ,ALSV,ETN,PRB,CBL,FTT,FO,CPY,DCF,CuOH,AZD,CuS,FBM,BMY,MLN,PPG,FNB,CFP;

Habitat: T; Effect Codes: REP,MOR; Code:

OK(DFZ,PRB,FTT,FO,CPY,DCF,AZD,CuS,FBM,BMY,PPG,FNB,CFP),NO

MIXTURE(ALSV,ETN,CuOH),OK TARGET(CBL,MLN).

Chitra, S. and Pillai, M. K. K. (1984). Development of Organophosphorus and Carbamate-Resistance in Indian Strains of *Anopheles stephensi* Liston. *Proc.Indian Acad.Sci.Anim.Sci.* 93: 159-170.

EcoReference No.: 12464

Chemical of Concern: DDT,CBL,MLN,CBF,FNT,TMP,FNTH,CPY,DDVP,PPX; Habitat: A; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(CBL,CBF),OK(ALL CHEMS),NO CONTROL(MLN).

Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of a Series of Branched-Chain Homologs of Diethyl Malaoxon and Acetoxon With Acetylcholinesterase. *Biochemical Pharmacology* 18: 1665-1671.

Chemical of Concern: MLO; Habitat: AT

Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of the Optical Isomers of O,O-Diethyl Malaoxon and the Geometric Isomers of Phosdrin With Acetylcholinesterase. *Biochemical Pharmacology* 18: 359-364.

Chemical of Concern: MLO; Habitat: AT

Chiu, Y. C. and Dauterman, W. C. (Effect of Tetraethylammonium Ions on the Affinity and Phosphorylation or Carbamylation Constants of Malaoxon, Tetram and Temik With Acetylcholinesterase. *Biochem. Pharmacol*; 19(5), 1856-7; (ref:6).

Chemical of Concern: MLO; Habitat: T

Chiu, Y. C., Main, A. R., and Dauterman, W. C. (1969). Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochemical Pharmacology* 18: 2171-2177.

Chemical of Concern: MLO; Habitat: AT

Chiu, Y. C., Main, A. R., and Dauterman, W. C. (Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochem. Pharmacol.*; 18(9): 2171-7, 1969; (ref:17).

Chemical of Concern: MLO; Habitat: AT

Chiu, Y. C., Tripathi, R., and O'brien, R. D. (Differences in Reactivity of Four Butyrylcholinesterase Isozymes Towards Substrate and Inhibitors. *Biochem. Biophys. Res. Commun.* ; 46(1): 35-42; 1972 ; (ref:16).

Chemical of Concern: MLO; Habitat: T

Chiu, Y. C., Tripathi, R., and O'brien, R. D. (A Ge -Scanning Method for Kinetic Studies on an Acetylcholinesterase Isozyme. *Anal. Biochem.*; 45(2): 480-487; 1972 ; (ref:21).

Chemical of Concern: MLO; Habitat: T

Cho, Y., Matsuoka, N., and Kamiya, A. (1997). Determination of Organophosphorus Pesticides in Biological Samples of Acute Poisoning by Hplc With Diode-Array Detector. *Chemical & pharmaceutical bulletin (tokyo)* 45: 737-740.

Chemical of Concern: MLN; Habitat: T

Choi, H., Moreau, J. P., and Srinivasan, M. (1994). Cleanup of Agrochemical Spills Using Cotton Sorbents. *Journal of environmental science and health part a environmental science and engineering* 29: 2151-2168.

Chemical of Concern: MLN; Habitat: AT

Choudhuri, D. K., Sadhu, A. K., and Mukhopadhyay, P. K. (1984). Toxicity of Two Organophosphorus Insecticides - Malathion and Phosphamidon to the Fish *Channa striatus*. *Aquat.Sci.Fish.Abstr.* 14:264 / *Environ.Ecol.* 2: 143-148.

EcoReference No.: 11701

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Choudhury, S. S., Sajid, S. M., and Choudhury, P. (1989). Cytogenetic Effects of Malathion on Meiotic Chromosomes of *Pisum sativum* L. *Cell Chromosome Res.* 12: 70-76.

EcoReference No.: 89008

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: NO CROP(MLN).

Chowdhury, N., Ghosh, A., and Chandra, G. (2008). Mosquito Larvicidal Activities of *Solanum villosum* Berry Extract Against the Dengue Vector *Stegomyia aegypti*. *BMC Complement Altern.Med.* 8: 10 p.

EcoReference No.: 106172

Chemical of Concern: MLN,MOL,CF,BNZ; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Christensen, G. M. and Olson, D. L. (1981). Effect of Water Pollutants and Other Chemicals Upon Ribonuclease Activity in Vitro. *Environmental Research* 26: 274-280.

Chemical of Concern: MLN; Habitat: AT

Christiansen, T. A., Lockwood, J. A., and Powell, J. (1989). Mediation of Nutrient Cycling by Arthropods in Unmanaged and Intensively Managed Mountain Brush Habitats. *Great Basin Nat.* 49: 134-139.

EcoReference No.: 87652

Chemical of Concern: CBL,MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(TARGET-CBL,MLN).

Christie, A. E. (1969). Effects of Insecticides on Algae. *Water Sewage Works* 116: 172-176.

EcoReference No.: 2248

Chemical of Concern: CBL,MLN,DDT; Habitat: A; Effect Codes: GRO,ACC; Code: NO ENDPOINT(CBL,MLN,DDT).

Christie, P. T. and Wright, D. J. (1990). Activity of Abamectin Against Larval Stages of *Spodoptera littoralis* Boisduval and *Heliothis armigera* Hubner (Lepidoptera: Noctuidae) and Possible Mechanisms Determining Differential Toxicity. *Pestic.Sci.* 29: 29-38.

EcoReference No.: 92890

Chemical of Concern: LCYT,PPB,TBF,MLN,ABM; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN),NO MIXTURE(TBF,PPB).

Christopher, J. T., Preston, C., and Powles, S. B. (1994). Malathion Antagonizes Metabolism-Based Chlorsulfuron Resistance in *Lolium rigidum*. *Pestic.Biochem.Physiol.* 49: 172-182.

EcoReference No.: 68157

Chemical of Concern: CSF,ABT,PPB,MLN; Habitat: T; Effect Codes: MOR; Code: OK(CSF),NO ENDPOINT,MIXTURE(ABT,PPB),NO CONTROL(MLN).

Chu, K. H. and Lau, P. Y. (1994). Effects of Diazinon, Malathion, and Paraquat on the Behavioral Response of the Shrimp *Metapenaeus ensis* to Chemoattractants. *Bull.EnvIRON.Contam.Toxicol.* 53: 127-133.

EcoReference No.: 13696

Chemical of Concern: DZ,MLN,AMSV,PAQT,BZ; Habitat: A; Effect Codes: BEH; Code: LITE EVAL CODED(DZ,AMSV),OK(PAQT,BZ),NO ENDPOINT(MLN).

Chu, W., Choy, W. K., and Hunt, J. R. (2005). Effects of Nonaqueous Phase Liquids on the Washing of Soil in the Presence of Nonionic Surfactants. *Water Research* 39: 340-348.

Chemical of Concern: MLN; Habitat: AT

Chukwudebe, A. and Fukuto, T. R. (1986). Photoalteration of Some Phosphorothioate Insecticides. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.

Chemical of Concern: MLN; Habitat: T

Chukwudebe, A., March, R. B., Othman, M., and Fukuto, T. R. (1989). Formation of Trialkyl Phosphorothioate Esters From Organophosphorus Insecticides After Exposure to Either Uv Light or Sunlight. *J agric food chem* 37: 539-545.

Chemical of Concern: MLN; Habitat: T

Chung, T. C. and Sun, C. N. (1983). Malathion and MIPC Resistance in *Nilaparvata lugens* (Homoptera: Delphacidae). *J.Econ.Entomol.* 76: 1-5.

EcoReference No.: 92902

Chemical of Concern: MLO,MOM,CBL,CBF,PPX,MLN,MP,TBF,PPB,PRN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MOM,CBF,TARGET-MLO,CBL,MLN,MP,CBF),NO MIXTURE(TBF,PPB).

Chung, Y., Shin, D., Park, S., Lim, Y., Choi, Y., Cho, S., Yang, J., Hwang, M., Park, Y., and Lee, H. (1997). Risk Assessment and Management of Drinking Water Pollutants in Korea. *Water science and technology* 36: 309-323.

Chemical of Concern: MLN; Habitat: AT

Clark, E. R. and Qazi, I. A. (1980). Evaluation of the Modified Colourimetric Method for the Determination of Malathion: Its Application to the Analysis of Malathion Residues in Water. *Water Research* 14: 1037-1040.

Chemical of Concern: MLN; Habitat: T

Clark, E. R. and Qazi, I. A. (1979). Modified Colorimetric Method for the Determination of Malathion. *Analyst* 104: 1129-1134.

EcoReference No.: 100919

Chemical of Concern: MLN; Habitat: AT; Code: NO METHODS(MLN).

Clark, J. R. (Mosquito Control Pesticides: Adverse Impacts to Freshwater Aquatic and Marine Organisms. Govt reports announcements & index (gra&i), issue 18, 2092.

Chemical of Concern: MLN; Habitat: A

Clark, J. R. (1991). Mosquito Control Pesticides: Adverse Impacts to Freshwater Aquatic and Marine Organisms. In: T.C.Emmel and J.C.Tucker (Eds.), *Mosquito Control Pesticides: Ecological Impacts and Management Alternatives*, EPA/600/A-92/122, Gulf Breeze, FL 33, 39 (NTIS PB92-1295890).

Chemical of Concern: MLN,FNTH,Naled,TMP; Habitat: A; Code: NO REVIEW(MLN,Naled,TMP).

Clark, R. B. (1992). Marine Pollution Third Edition. Clark, r. B. *Marine pollution, third edition*. Xii+172p. Oxford university press: oxford, england, uk New york, new york, usa. Isbn 0-19-854686-6.; 0: Xii+172p.

Chemical of Concern: MLN; Habitat: A

Clark, R. B., Frid, C., and Attrill, M. (Marine Pollution Fourth Edition. Clark, r. B., C. Frid and m. Attrill. *Marine pollution, fourth edition*. X+161p. Clarendon press: oxford, england, uk. Isbn 0-19-850070-x(cloth); isbn 0-19-850069-6(paper).; 0 (0). 1997. X+161p.

Chemical of Concern: MLN; Habitat: A

Clarke, S. R., DeBarr, G. L., and Berisford, C. W. (1988). Differential Susceptibility of *Toumeyella pini* (King) (Homoptera: Coccidae) to Pyrethroid and Organophosphate Insecticides: A Factor in Outbreaks in Southern Pine Seed Orchards. *J.Econ.Entomol.* 81: 1443-1445.

EcoReference No.: 93001

Chemical of Concern: ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV; Habitat: T; Effect Codes: MOR; Code: TARGET(ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV) .

Clarke, S. R., DeBarr, G. L., and Liu, T. X. (1992). Contact Toxicities of Five Pyrethroid and Four Organophosphorous Insecticides to *Toumeyella parvicornis* (Cockerell) Crawlers. *Can.Entomol.* 124: 563-564.

EcoReference No.: 88950

Chemical of Concern: CPY,MLN,BFT,ACP,AZ,EFV,FVL,FNV,PMR; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TARGET-ALL CHEMS).

Clemedson, C. and Ekwall, B. (1999). Overview of the Final Meic Results: I. The in Vitro-in Vitro Evaluation. *Toxicology in vitro* 13: 657-663.

Chemical of Concern: MLN; Habitat: AT

Clemens, H. P. and Sneed, K. E. (1959). Lethal Doses of Several Commercial Chemicals for Fingerling Channel Catfish. *U.S.Fish.Wildl.Serv., Spec.Sci.Rep.- Fish No.316*, Washington, D.C.: 10 p.

EcoReference No.: 934

Chemical of Concern: NaPCP,HCCH,MBZ,MLN,DMM,TXP,PL,Fe,HPT,DZ,DDT,DLD,CHD,FML,RTN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Clyne, R. M. (1972). Relative Safety of Malathion. *New England J.Med.* :824 p.

Chemical of Concern: PRN,MLN; Habitat: AT; Code: NO TOX DATA(MLN).

Coats, J. R. (Toxicology of Pesticide Residues in Foods. Hathcock, j. N. (Ed.). *Nutrition: basic and applied*

science: a series of monographs: nutritional toxicology, vol. ii. Xv+300p. Academic press: san diego, california, usa; academic press inc. (London) ltd.: London, england, uk. Illus. Isbn 0-12-332602-8.; 0 (0). 1987. 249-280.

Chemical of Concern: MLN; Habitat: AT

Coburn, C. B. and Friedman, A. A. (1976). Conventional Bioassay and Tissue Bioassay of Zinc Cyanide, Sodium Cyanide and Malathion. *J.Tenn.Acad.Sci.* 51: 59 (ABS).

Chemical of Concern: MLN,CN,Zn; Habitat: A

Cochran, D. G. (1988). Insecticide Resistance in the German Cockroach. *Seventy-fifth annual meeting of the international association of milk, food and environmental sanitarians, tampa, florida, usa, july 31-august 4, 1988. J food prot* 51: 833.

Chemical of Concern: MLN; Habitat: T

Cochrane, B. J., Hargis, M., Crocquet, D. E. Belligny P, Holtsberg, F., and Coronella, J. (1992). Evolution of Glutathione S-Transferases Associated With Insecticide Resistance in Drosophila. *Mullin, c. A. And j. G. Scott (ed.). Acs (american chemical society) symposium series, vol. 505. Molecular mechanisms of insecticide resistance: diversity among insects* 202nd national meeting of the american chemical society, new york, new york, usa, august 25-30, 1991. Xiii+322p. American chemical society: washington, dc, usa. Isbn 0-8412-2474-9.; 0: 53-70.

Chemical of Concern: MLN; Habitat: T

Cocks, J. A. (1973). The Effect of Aldrin on Water Balance in the Freshwater Pulmonate Gastropod (*Biomphalaria glabrata*). *Environ.Pollut.* 5: 149-151.

EcoReference No.: 8797

Chemical of Concern: CBL,MLN,DDT,AND; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(CBL,DDT,MLN,AND).

Coffi, A. (1992). Republic of Benin the Acridid Situation in the Republic of Benin. *Lomer, c. J. And c. Prior (ed.). Biological control of locusts and grasshoppers* Workshop, cotonou, benin, april 29-may 1, 1991. Xii+394p. C.a.b. International: wallingford, england, uk; international institute of tropical agriculture: ibadan, nigeria. Isbn 0-85198-779-6.; 0: 86-89.

Chemical of Concern: MLN; Habitat: T

Coffin, D. E. (1966). Oxidative Metabolism and Persistence of Parathion and Malathion on Field-Sprayed Lettuce. *J.A.O.A.C.* 49: 1018-1021.

EcoReference No.: 97541

Chemical of Concern: PRN,MLN,MLO; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(ALL CHEMS),CROP(MLN,MLO).

Cogburn, R. R. (1981). Comparison of Malathion and Three Candidate Protectants Against Insect Pests of Stored Rice and Advantages of Encapsulations. *Southwest.Entomol.* 6: 38-43.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cogburn, R. R., Simonaitis, R. A., and Webb, B. D. (1990). Fate of Malathion and Chlorpyrifos Methyl in Rough Rice and Milling Fractions Before and After Parboiling and Cooking. *J econ entomol* 83: 1636-1639.

Chemical of Concern: MLN; Habitat: T

Cohen, S., Svrjcek, A., Durborow, T., and Barnes, N. L. (1999). Water Quality Impacts by Golf Courses. *Journal of environmental quality* 28: 798-809.

Chemical of Concern: MLN; Habitat: A

Cohen, S. D. (Organo Phosphate Toxicity and Interactions in Northern Grass Frogs Rana-Pipiens. *Burford, r. G. International congress on toxicology. Abstracts. Toronto, ontario, canada. 52p. International congress on toxicology: toronto, ontario, canada.; 1977 34.*

Chemical of Concern: MLO; Habitat: AT

Cohen, S. D., Callaghan, J. E., and Murphy, S. D. (Investigation of Multiple Mechanisms for Potentiation of Malaoxon by Tri-O Toly Phosphates. *Toxicol appl pharmacol*; 22 (2). 1972 300.

Chemical of Concern: MLO; Habitat: T

Cohen, S. D. and Murphy, S. D. (1971). Carboxylesterase Inhibition as an Indicator of Malathion Potentiation in Mice. *J.Pharmacol.Exp.Ther.* 176: 733-742.

EcoReference No.: 89264

Chemical of Concern: PRN,ABT,MLN; Habitat: T; Effect Codes: BCM; Code: NO CONTROL(MLN),NO MIXTURE(PRN,ABT),NO COC(MLO).

Cohen, S. D. and Murphy, S. D. (Inactivation of Malaoxon by Mouse Liver and Effect of Triorthotolyl Phosphate. *Pharmacologist*; 13 (2). 1971 288.

Chemical of Concern: MLO; Habitat: T

Cohen, S. D. and Murphy, S. D. (A Simplified Bioassay for Predicting Organophosphate Potentiation. *Toxicol. Appl. Pharmacol.*25(3): 483; 1973.

Chemical of Concern: MLO; Habitat: T

Cohen, Steven D., Williams, Rebecca A., Killinger, Joanne M., and Freudenthal, Ralph I. (1985). Comparative Sensitivity of Bovine and Rodent Acetylcholinesterase to in Vitro Inhibition by Organophosphate Insecticides. *Toxicology and Applied Pharmacology* 81: 452-459.

Chemical of Concern: MLO; Habitat: DOM, RODE

Colburn, R. B. and Langford, G. S. (1970). Field Evaluation of Some Mosquito Adulticides with Observations on Toxicity to Honey Bees and House Flies. *Mosq.News* 30: 518-522.

EcoReference No.: 91349

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,Naled).

Collart, M. G. and Hink, W. F. (1986). Development of Resistance to Malathion in Cat Flea (Siphonaptera: Pulicidae). *J.Econ.Entomol.* 79: 1570-1572.

EcoReference No.: 91026

Chemical of Concern: LIM,MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN).

Collins, P. J. (1990). A new Resistance to Pyrethroids in *Tribolium castaneum* (Herbst). *Pestic.Sci.* 28: 101-115.

EcoReference No.: 93114

Chemical of Concern:

SMT,MTPN,MLN,CPYM,BRSM,CBL,CYF,PPB,TBF,CYP,FNV,FVL,CYH,DM,FNT,CYT,PIRM;
Habitat: T; Effect Codes: MOR,REP; Code: NO
MIXTURE(TBF,PPB),TARGET(SMT,MTPN,CPYM,BRSM,CBL,CYF,CYP,FNV,FVL,PIRM,FNT,MLN
) .

Colt, J. S., Zahm, S. H., Camann, D. E., and Hartge, P. (1998). Comparison of Pesticides and Other Compounds in Carpet Dust Samples Collected From Used Vacuum Cleaner Bags and From a High-Volume Surface Sampler. *Environmental health perspectives* 106: 721-724.

Chemical of Concern: MLN; Habitat: AT

Comm Pestic Formulation Disinfect Usa (1991). General Referee Reports Committee on Pesticide Formulations and Disinfectants 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 107-110.

Chemical of Concern: MLN; Habitat: T

Comm Residues (1993). General Referee Reports Committee on Residues Aoac International Annual Meeting Cincinnati Ohio Usa August 31-September 2 1992. *J aoac (assoc off anal chem) int* 76: 142-149.

Chemical of Concern: MLN; Habitat: AT

Conte, E. D. and Barry, E. F. (1993). Alkali Flame Ionization Detector for Gas Chromatography Using an Alkali Salt Aerosol as the Enhancement Source. *J chromatogr* 644: 349-355.

Chemical of Concern: MLN; Habitat: AT

Conte, F. S. and Parker, J. C. (1975). Effect of Aerially-Applied Malathion on Juvenile Brown and White Shrimp *Penaeus aztecus* and *P. setiferus*. *Trans.Am.Fish.Soc.* 104: 793-799.

EcoReference No.: 7636

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,ACC; Code: NO ENDPOINT(MLN).

Contreras, H. R. and Busto-Obregon, E. (1996). Effect of an Organophosphate Insecticide on the Testis Epididymis and Preimplantational Development and Pregnancy Outcome in Mice. *First congress of the spanish society of developmental biology and international workshop on developmental approaches in cancer biology, leioa, spain, december 9-13, 1996. International journal of developmental biology* 0: 207s-208s.

Chemical of Concern: MLN; Habitat: T

Conyers, Simon T. and Bell, Christopher H. (1996). The Effect on the Mortality of Adult *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae), *Sitophilus Granarius* (L.) (Coleoptera: Curculionidae) and *Oryzaephilus Surinamensis* (L.) (Coleoptera: Silvanidae) of Interrupting Low Oxygen Exposures With Periods of Elevated Oxygen. *Journal of Stored Products Research* 32: 187-194.

Chemical of Concern: MLN; Habitat: T

Cook, G. H. and Moore, J. C. (1976). Determination of Malathion, Malaoxon, and Mono- and Dicarboxylic Acids of Malathion in Fish, Oyster, and Shrimp Tissue. *J.Agric.Food Chem.* 24: 631-634.

EcoReference No.: 7751

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Cook, G. H., Moore, J. C., and Coppage, D. L. (1976). The Relationship of Malathion and its Metabolites to Fish Poisoning. *Bull.EnvIRON.Contam.Toxicol.* 16: 283-290 .

EcoReference No.: 7752

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Cook, J., Engel, M., Wylie, P., and Quimby, B. (1999). Multiresidue Screening of Pesticides in Foods Using Retention Time Locking, Gc-Aed, Database Search, and Gc-Ms Identification. *Journal of aoac international* 82: 313-326.

Chemical of Concern: MLN; Habitat: T

Cooper, J. F., Wynn, N. R., Deuse, J. P. L., Coste, C. M., Zheng, S. Q., and Schiffers, B. C. (1997). Impact of Insecticides on Wild Fauna: A Proposed Toxicity Index. *Meded.Fac.Landbouwk.Rijksuniv.Race* 62: 599-606.

Chemical of Concern:

PRT,PHSL,PPHD,PIM,PIRM,PFF,PTP,PPX,PRB,RTN,SFT,SPS,TFT,TMP,TBO,TMT,TDC,TLM,TCF,HPT,HFR,IMC,IZF,IFP,LCYT,HCCH,MLN,MTM,MDT,MOM,MTPN,MXC,Naled,OMT,OML,OXD,PRN,MP,PCB,PMR,PTR,CYH,CYP,CHT,CYR,DD,DZM,DDT,DM,DEM,DZ,DDVP,DLD,DFZ,DMT,DS,ES,EFV,ETN,FNT,FPP,FNTH,FNV,FPN,FCX,FYT,FVL,FNP,ABM,ACP,ADC,AND,ATN,AMZ,AZM,AZ,BDC,BCY,BFT,BRSM,BPZ,CBL,CBF,CHD,CLP,CPY,CPYM,CMPH,CST,CYF,CYR; Habitat: AT; Code: NO REVIEW(ALL CHEMS),REFS CHECKED.

Cope, O. B. (1966). Contamination of the Freshwater Ecosystem by Pesticides. *J.Appl.Ecol.* 3: 33-44 (Publ in Part As 6797).

EcoReference No.: 10337

Chemical of Concern: DDT,HCCH,DLD,DU,MLN,24DXY,CBL,DBN,DZ,MLT,PAQT,PYN,TFN,CuS; Habitat: A; Effect Codes: MOR,ACC,REP; Code: NO CONTROL(ALL CHEMS).

Cope, O. B. (1965). Sport Fishery Investigations. In: *Fish and Wildl.Serv.Cicr.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.*: 51-63 (Publ in Part As 6797).

EcoReference No.: 2871

Chemical of Concern:

CHD,CuS,PAQT,MCB,TFN,DBN,DZ,AND,PYN,HPT,EN,DLD,HCCH,EPRN,DDT,TXP,MRT,VNT,CU,ATN,DU,SZ,MLN,RTN,MXC,DDVP,DMT,FNTH,TCF,ADC,CBL,BS,DBM,FNF,24DXY,AMSV,DBAC,NSM,BYT,MVP; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(Naled,BS,MLN),OK(ALL CHEMS).

Coppage, D. L. and Matthews, E. (1974). Short-Term Effects of Organophosphate Pesticides on Cholinesterases of Estuarine Fishes and Pink Shrimp. *Bull.Environ.Contam.Toxicol.* 11: 483-488.

EcoReference No.: 2902

Chemical of Concern: PRN,AZ,MLN,Naled; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(PRN,AZ,MLN,Naled),NO ENDPOINT(Naled,MLN).

Coppage, D. L., Matthews, E., Cook, G. H., and Knight, J. (1975). Brain Acetylcholinesterase Inhibition in Fish As a Diagnosis of Environmental Poisoning by Malathion, O,O-Dimethyl S-(1,2-Dicarbethoxyethyl) Phosphorodithioate. *Pestic.Biochem.Physiol.* 5: 536-542.

EcoReference No.: 7716

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT(MLN).

Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Insecticides Inhibiting Acetylcholinesterase. In: *The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 99-140.

Chemical of Concern: AZ,CPY,DZ,DMT,MLN,PRN,PSM,CBL,CBF; Habitat: T

Cordle, M. K. (1988). Usda Regulation of Residues in Meat and Poultry Products. *J anim sci* 66: 413-433.

Chemical of Concern: MLN; Habitat: T

Corson, M. S., Mora, M. A., and Grant, W. E. (1998). Simulating Cholinesterase Inhibition in Birds Caused by Dietary Insecticide Exposure. *Ecological modelling* 105: 299-323.

Chemical of Concern: MLN; Habitat: T

Costa, L. G. and Murphy, S. D. (1983). Unidirectional Cross-Tolerance Between the Carbamate Insecticide Propoxur and the Organophosphate Disulfoton in Mice. *Fundam.Appl.Toxicol.* 3: 483-488.

EcoReference No.: 90683

Chemical of Concern: DS,PPX,MLN,CPY; Habitat: T; Effect Codes: BCM,MOR,BEH,PHY; Code: NO CONTROL(MLN,CPY),OK(DS).

Cotham, W. E Jr and Bidleman, T. F. (1989). Degradation of Malathion Endosulfan and Fenvalerate in Seawater and Seawater-Sediment Microcosms. *J agric food chem* 37: 824-828.

Chemical of Concern: MLN; Habitat: AT

Coulanges, P., Clerc, Y., and Randrianantoanina, E. (1982). (Study of *Xenopsylla Cheopis* and *Synopsyllus Fonquerniei* , Malagasy Plague Fleas -- Evidence of Their Resistance to Ddt, Dieldrin and Malathion.). *Archives de l'Institut Pasteur de Madagascar [ARCH. INST. PASTEUR MADAGASCAR.]*. Vol. 49, no. 1, pp. 171-192. 1982.

Chemical of Concern: MLN; Habitat: T

Coulibaly, K. and Jeon, I. J. (1996). An Overview of Solid-Phase Extraction of Food Flavor Compounds and Chemical Residues. *Food reviews international* 12: 131-151.

Chemical of Concern: MLN; Habitat: AT

Counc, S. C. I. Aff Usa (1988). Cancer Risk of Pesticides in Agricultural Workers. *Jama (j am med assoc)* 260: 959-966.

Chemical of Concern: MLN; Habitat: T

Cowell, D. C., Abass, A. K., Dowman, A. A., Hart, J. P., Pemberton, R., and Young, S. (1998). Screen-Printed Disposable Biosensors for Environmental Pollution Monitoring. *International association for great lakes research. 41st conference of the international association for great lakes research* Meeting, hamilton, ontario, canada, may 18-22, 1998. 160p. International association for great lakes research: ann arbor, michigan, usa.; 0: 33-34.

Chemical of Concern: MLN; Habitat: AT

Cox, P. D., Parish, W. E., and Beirne, M. A. (1989). Variations in the Refuge-Seeking Behaviour of Four Strains of *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae) at Different Temperatures. *Journal of Stored Products Research* 25: 239-242.

Chemical of Concern: MLN; Habitat: T

Crammer, M. and Peoples, A. (Determination of Trace Quantities of Anticholinesterase Pesticides in Air and Water. *Bioassay techniques and environmental chemistry, pages 367-381, 8 references, 1973*).

Chemical of Concern: MLO; Habitat: AT

Crane, M., Delaney, P., Watson, S., Parker, P., and Walker, C. (1995). The Effect of Malathion 60 on *Gammarus pulex* (L.) Below Watercress Beds. *Environ.Toxicol.Chem.* 14: 1181-1188.

EcoReference No.: 15074

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BEH,BCM; Code: NO ENDPOINT(MLN).

Cranmer, M. and Peoples, A. (1973). Determination of Trace Quantities of Anticholinesterase Pesticides. *Analytical Biochemistry* 55: 255-265.

Chemical of Concern: MLO; Habitat: AT

Crawford, R. B. and Guarino, A. M. (1985). Effects of Environmental Toxicants on Development of a Teleost Embryo. *J.Environ.Pathol.Toxicol.* 6: 185-194.

EcoReference No.: 14348

Chemical of Concern: TXP,AND,MLN,24DXY,PCP,CBL,HCCH,PRN,DDT,PAQT; Habitat: A; Effect Codes: GRO,MOR; Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

Crawford, R. B. and Guarino, A. M. (1976). Sand Dollar Embryos as Monitors of Environmental Pollutants. *Bull.Mt.Desert Isl.Biol.Lab.* 16: 17.

EcoReference No.: 13938

Chemical of Concern: TXP,CBL,MLN,PCP,PL,DDT; Habitat: A; Effect Codes: GRO; Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

Crepeau, K. L., Kuivila, K. M., and Bergamaschi, B. (Dissolved Pesticides in the Alamo River and the Salton Sea, California, 1996-1997. *Govt reports announcements & index (gra&i), issue 09, 2006.*

Chemical of Concern: MLN; Habitat: A

Crepeau, K. L., Walker, G., and Winterlin, W. (1990). Effects of Laboratory Lighting on the Stability of Analytical Grade Pesticides. *Bull environ contam toxicol* 45: 446-451.

Chemical of Concern: MLN; Habitat: AT

Crescenzi, C., Di Corcia a, Guerriero, E., and Samperi, R. (1997). Development of a Multiresidue Method for Analyzing Pesticide Traces in Water Based on Solid-Phase Extraction and Electrospray Liquid Chromatography Mass Spectrometry. *Environmental science & technology* 31: 479-488.

Chemical of Concern: MLN; Habitat: AT

Cripe, G. M. and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Comparison of the Sensitivity of Post Larvae of Pink Shrimp, *Penaeus Duorarum* and Mysids *Mysidopsis Bahia* to Selected Chemicals. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp. 1993.*

Chemical of Concern: MLN; Habitat: A

Crisinel, A., Delaunay, L., Rossel, D., Tarradellas, J., Meyer, H., Saiah, H., Vogel, P., Delisle, C., and Blaise, C.

(1994). Cyst-Based Ecotoxicological Tests Using Anostracans: Comparison of Two Species of Streptocephalus. *Environ.Toxicol.Water Qual.* 9: 317-326.

EcoReference No.: 17289

Chemical of Concern: Cd,ATZ,HCCH,MLN,TBT,Cu,CuS,PCP,PL,Zn,Cr,Cd; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(MLN,ATZ),OK(ALL CHEMS).

Crosby, D. G., Tucker, R. K., and Aharonson, N. (1966). The Detection of Acute Toxicity with Daphnia magna. *Food Cosmet.Toxicol.* 4: 503-514.

EcoReference No.: 7984

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: PHY; Code: NO CONTROL(MLN).

Cui, F., Qu, H., Cong, J., Liu, X. L., and Qiao, C. L. (Do Mosquitoes Acquire Organophosphate Resistance by Functional Changes in Carboxylesterases? *Faseb j.* 2007, nov; 21(13):3584-91. [*The faseb journal : official publication of the federation of american societies for experimental biology*]: FASEB J.

Chemical of Concern: MLN; Habitat: T

Culley, D. D. Jr. and Ferguson, D. E. (1969). Patterns of Insecticide Resistance in the Mosquitofish, *Gambusia affinis*. *J.Fish.Res.Board Can.* 26: 2395-2401.

EcoReference No.: 3664

Chemical of Concern: AZ,CMPH,CPY,MLN,MP,MXC,EN,DLD,HCCH,CHD,PRN,DDT,DZ ; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,DZ),NO CONTROL(ALL CHEMS).

Cunha Bastos, V. L. F., Cunha Bastos, J., Lima, J. S., and Castro Faria, M. V. (1991). Brain Acetylcholinesterase as an in Vitro Detector of Organophosphorus and Carbamate Insecticides in Water. *Water Research* 25: 835-840.

Chemical of Concern: MLN; Habitat: T

Curtis, C. F. and Pasteur, N. (1981). Organophosphate Resistance in Vector Populations of the Complex of *Culex pipiens* L. (Diptera: Culicidae). *Bull.Entomol.Res.* 71: 153-161.

EcoReference No.: 17447

Chemical of Concern: CPY,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Cutkomp, L. K., Yap, H. H., Cheng, E. Y., and Koch, R. B. (1971). Atpase Activity in Fish Tissue Homogenates and Inhibitory Effects of Ddt and Related Compounds. *Chemico-Biological Interactions* 3: 439-447.

Chemical of Concern: MLN; Habitat: A

Da Silva, R. C., Zuin, V. G., Yariwake, J. H., Eberlin, M. N., and Augusto, F. (Fiber Introduction Mass Spectrometry: Determination of Pesticides in Herbal Infusions Using a Novel Sol-Gel Pdms/Pva Fiber for Solid-Phase Microextraction. *J mass spectrom.* 2007, jun; 42(6):825-9. [*Journal of mass spectrometry : jms*]: *J Mass Spectrom.*

Chemical of Concern: MLN; Habitat: A

Daane, K. M., Dahlsten, D. L., and Dreistadt, S. H. (1990). Effects of Mediterranean Fruit Fly Malathion Bait Spray on the Longevity and Oviposition of Parasitoids of Linden and Tulip-Tree Aphids (Homoptera: Aphididae). *Environ.Entomol.* 19: 1130-1134.

EcoReference No.: 90651

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,REP,MOR; Code: OK TARGET(MLN).

Dad, N. K. and Pandya, V. K. (1982). Acute Toxicity of Two Insecticides to Rotifer *Brachionus calyciflorus*. *Int.J.Environ.Stud.* 18: 245-246.

EcoReference No.: 18254

Chemical of Concern: CBF; Habitat: A; Effect Codes: MOR; Code: NO COC(MLN).

Dad, N. K., Qureshi, S. A., and Pandya, V. K. (1982). Acute Toxicity of Two Insecticides to Tubificid Worms, *Tubifex tubifex* and *Limnodrilus hoffmeisteri*. *Environ.Int.* 7: 361-363.

EcoReference No.: 2723

Chemical of Concern: CBF,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBF),NO CONTROL(MLN).

Dadheech, L. N. and Singh, C. (1996). Seasonal Incidence and Bioefficacy of Insecticides Against Insect Pests of Green Gram *Vigna radiata* L. Uilezek. In: S.C.Goel (Ed.), *Insect and Environment, VI: Integrated Pest Management and Sustainable Agriculture: An Entomological Approach, Symposium, Sept.22-24, 1995, The Uttar Pradesh Zool.Soc., Muzaffarnagar, India* 191-195.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET.

Dagayev, V. N., Iskandarov, A. I., Luzhnikov, Y. e. A., Gorin, E. E., Lisovik, Z. h. A., and Yelkov, A. N. (1990). Expert Criteria in Assessing Severity of Acute Chemical Poisoning With Organophosphorus Insecticides. *SUD.-MED. EKSP. Vol. 33, no. 2, pp. 28-30. 1990.*

Chemical of Concern: MLN; Habitat: AT

Daglish, G. J., Hall, E. A., Zorzetto, M. J., Lambkin, T. M., and Erbacher, J. M. (1993). Evaluation of Protectants for Control of *Acanthoscelides obtectus* (Say) (Coleoptera: Bruchidae) in Navybeans (*Phaseolus vulgaris* (L.)). *J.Stored Prod.Res.* 29: 215-219.

EcoReference No.: 70523

Chemical of Concern: MLN,FNT,PIRM,PMR,DM,CPYM,BRSM,CBL; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(BRSM),OK(ALL CHEMS),TARGET(CBL,MLN).

Dahiya, K. K., Lakra, R. K., Dahiya, A. S., and Singh, S. P. (1994). Bioefficacy of Some Insecticides Against Citrus psylla, *Diaphorina citri* Kuw. (Psyllidae: Homoptera). *Crop Res.* 8: 137-140.

EcoReference No.: 89880

Chemical of Concern: OXD,DMT,CYP,CPY,DDT,HCCH,DDVP,DCM,ES,FNV,MLN,PPHD; Habitat: T; Effect Codes: POP,MOR; Code: OK(CPY,DDT,DDVP,DCM,FNV,PPHD),OK TARGET(OXD,DMT,CYP,MLN,ES),NO MIXTURE(HCCH).

Dahm, P. A. (Chemistry and Metabolism of Insecticides. *Water quality proceeding conference, 1969, pages 167-182, 61 references, 1970*1970.

Chemical of Concern: MLO; Habitat: AT

Dahm, P. A., Kopecky, B. E., and Walker, C. B. (1962). Activation of Organophosphorus Insecticides by Rat Liver Microsomes. *Toxicology and Applied Pharmacology* 4: 683-696.

Chemical of Concern: MLN; Habitat: T

Daimon, H. and Hirata, Y. (1994). Direct Coupling of Capillary Supercritical Fluid Chromatography With Supercritical Fluid Extraction Using Modified Carbon Dioxide. *Hrc journal of high resolution chromatography* 17: 809-813.

Chemical of Concern: MLN; Habitat: AT

Dalaya, V. P., Rajput, S. G., and Awate, B. G. (1986). Occurrence of Thrips (Thrips spp.) on Green Gram in Northern Maharashtra and Its Control. *Pesticides* 20: 18-19.

EcoReference No.: 89153

Chemical of Concern: DEM,MLN,DMT,HCCH,ES; Habitat: T; Effect Codes: POP; Code: OK(DEM,HCCH,ES),NO CROP(TARGET-MLN,DMT).

Dale, D. and Heinrichs, E. A. (1998). Crop-Insecticide Interactions. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).* 314-340.

Chemical of Concern: MLN; Habitat: T

Dalvi, R. R. and Howell, C. D. (1978). Interaction of Parathion and Malathion with Hepatic Cytochrome P-450 from Rats Treated with Phenobarbital and Carbon Disulfide. *Drug Chem.Toxicol.* 1: 191-202.

EcoReference No.: 98134

Chemical of Concern: CBNDS, MLN; Habitat: T; Effect Codes: PHY,BCM; Code: NO ENDPOINT(CBNDS,MLN).

Dana, M. N. (1989). The American Cranberry Industry. *Fourth international symposium on vaccinium culture, east lansing, michigan, usa and madison, wisconsin, usa, august 13-17, 1988. Acta hortic (wageningen)* 0: 287-294.

Chemical of Concern: MLN; Habitat: T

Darsie, R. F. Jr. and Corriden, F. E. (1959). The Toxicity of Malathion to Killifish (Cyprinodontidae) in Delaware. *J.Econ.Entomol.* 52: 696-700.

EcoReference No.: 8058

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Dary, C. C., Blancato, J. N., and Saleh, M. A. (2001). Chemomorphc Analysis of Malathion in Skin Layers of the Rat: Implications for the Use of Dermatopharmacokinetic Tape Stripping in Exposure Assessment to Pesticides. *Regul.Toxicol.Pharmacol.* 34: 234-248.

EcoReference No.: 89000

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Das, M., Srivasta., S. P., Khamre, J. S., and Deshpand., L. B. (1986). Susceptibility of DDT, Dieldrin and Malathion Resistant Anopheles-culicifacies Populations to Deltamethrin. *J Am Mosq Control Assoc* 2: 553-555.

EcoReference No.: 48525

Chemical of Concern: DM,MLN; Habitat: T; Code: TARGET MLN.

Das, R. C. and Das, N. (1990). Micronucleus Test in the Peripheral Erythrocytes of an Indian Carp, Labeo Rohita (Hamilton). *Uttar pradesh j zool* 10: 23-29.

Chemical of Concern: MLN; Habitat: A

DaSilva, E. J., Henriksson, L. E., and Henriksson, E. (1975). Effect of Pesticides on Blue-Green Algae and

Nitrogen-Fixation . *Arch.Environ.Contam.Toxicol.* 3: 193-204.

EcoReference No.: 7753

Chemical of Concern: LNR,MLN,PQT; Habitat: A; Effect Codes: PHY,MOR; Code: NO
ENDPOINT(MLN).

Daugherty, M. L., Watson, A. P., and Vo-Dinh, A. (1992). Currently Available Permeability and Breakthrough Data Characterizing Chemical Warfare Agents and Their Simulants in Civilian Protective Clothing Materials. *J hazard mater* 30: 243-267.

Chemical of Concern: MLN; Habitat: T

Dauterive, L. Jr and Speidel, H. K. (1976). Effects of Synthetic Organic Pesticides on Growth of Estuarine Microorganisms. *Dev. Ind. Microbiol. Vol. 17, pp. 305-310. 1976.*

Chemical of Concern: MLN; Habitat: A

David, M., Shivakumar, H. B., Ramesh, H., Marigoudar, S. R., and Naik, V. R. (2007). Hepatotoxic Potential of Malathion in the Freshwater Teleost, *Cirrhinus mrigala* (Hamilton). *J.Basic Clin.Physiol.Pharmacol.* 18: 307-314.

Chemical of Concern: MLN; Habitat: A

Davila, G. H. (1987). Regional Program on Chemical Safety Rpcs Document Presented to the Xxii Pan American Sanitary Conference. *Pan am health organ environ ser* 0: I-iv, 1-36.

Chemical of Concern: MLN; Habitat: AT

Davis-Hoover, W. and Kaake, R. (Site Technology Capsule. J.r. Simplot Ex-Situ Bioremediation Technology: Dinoseb. *Govt reports announcements & index (gra&i), issue 02, 2096.*

Chemical of Concern: MLN; Habitat: T

Davis Ryan S, Peterson Robert KD, and Macedo Paula A (2007). An Ecological Risk Assessment for Insecticides Used in Adult Mosquito Management. *Integrated Environmental Assessment and Management [Integr. Environ. Assess. Manage.]. Vol. 3, no. 3, pp. 373-382. Jul 2007.*

Chemical of Concern: MLN; Habitat: AT

Day, B. L., Sharma, J. M., Walser, M. M., Andersen, D. E., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). The Ring Necked Pheasant as an Immunologic Biomonitor With Emphasis on the Evaluation of Malathion. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp. 1993.*

Chemical of Concern: MLN; Habitat: T

Day, K. E. (1991). Pesticide Transformation Products in Surface Waters. Effects on Aquatic Biota. In: *I.Somasundaram and J.R.coats (Eds.), 200th Natl.Meet., Pesticide Transformation Products.Fate and Significance in the Environment, Aug.26-31, 1990, ACS (Am.Chem.Soc.), Washington, DC 217-241.*

Chemical of Concern: CBL,ADC,MLN,FNT,AND,DDT,ES,ES1,ES2,ES3,PMR,ATZ,PPN,TPR,TBTO;
Habitat: A; Code: NO
REVIEW(CBL,ADC,MLN,FNT,AND,ES,ES1,ES2,ES3,PMR,ATZ,PPN,TPR,TBTO).

De Bruijn, J. and Hermens, J. (1993). Inhibition of Acetylcholinesterase and Acute Toxicity of Organophosphorous

Compounds to Fish: A Preliminary Structure-Activity Analysis. *Aquat.Toxicol.* 24: 257-274.

EcoReference No.: 90769

Chemical of Concern: MP,FNT,FNTH,MDT,AZ,PSM,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(ALL CHEMS).

De Bruijn, J. and Hermens, J. (1991). Uptake and Elimination Kinetics of Organophosphorous Pesticides in the Guppy (*Poecilia reticulata*): Correlations with the Octanol/Water Partition Coefficient. *Environ.Toxicol.Chem.* 10: 791-804.

EcoReference No.: 3588

Chemical of Concern: MLN,MP,FNT,FNTH; Habitat: A; Effect Codes: BCM,ACC; Code: NO ENDPOINT(ALL CHEMS).

De Castro, A., Rosenbaum, E., Anguiano, O., Venturino, A., and Pechen, D. E. D'angelo Am (1999). Comparative Toxicity and Metabolism of Malathion in *Bufo Arenarum* Embryos. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 120.

Chemical of Concern: MLN; Habitat: A

De Guise, S., Maratea, J., and Perkins, C. (2005). Toxicity of Pesticides Used to Control Mosquitoes on Adult American Lobsters, *Homarus Americanus*. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 2, p. 650. Aug 2005.

Chemical of Concern: MLN; Habitat: A

De, L. A. Colina C, Pena, A., Mingorance, M. D., and Sanchez Zrasero F (1996). Influence of the Solid-Phase Extraction Process on Calibration and Performance Parameters for the Determination of Pesticide Residues in Water by Gas Chromatography. *Journal of chromatography a* 733: 275-281.

Chemical of Concern: MLN; Habitat: AT

De la Torre, A. I., Fernandez, C., Tarazona, J. V., and Munoz, M. J. (1995). Detection of Aroclor, DDT, Malathion and HCB Using Semipermeable Membranes as Concentration Method. *Chemosphere* 31: 2727-2737.

EcoReference No.: 90678

Chemical of Concern: DDT,MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

De Licastro, S. A., Zerba, E. N., Wood, E., and De Villar, M. I. P. (1982). The Insecticidal and Anticholinesterase Activities of O,O-Diethyl O-4-(2,2-Disubstituted Vinyl)Phenyl Phosphates and Phosphorothioates. *Pestic.Sci.* 13: 505-512.

EcoReference No.: 36371

Chemical of Concern: PRN,HCCH,PPX,MLN,FNT,DDVP,PIRM,BDC,PMR,DM; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),TARGET(PIRM,FNT).

De Llamas, M. C., De Castro, A. C., and De d'Angelo, A. M. P. (1985). Cholinesterase Activities in Developing Amphibian Embryos Following Exposure to the Insecticides Dieldrin and Malathion. *Arch.Environ.Contam.Toxicol.* 14: 161-166.

EcoReference No.: 10640

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

De Oliveira, J. V. and De Batista, G. C. (1981). Toxicity Evaluation of Insecticides to *Callosobruchus Maculatus* (Fabricius, 1775) (Coleoptera, Bruchidae), Using Topical Application and Filter Paper Impregnation

Techniques. *Anais de Sociedade Entomologica do Brasil [AN. SOC. ENTOMOL. BRAS.]*. Vol. 10, no. 1, pp. 119-127. 1981.

Chemical of Concern: MLN; Habitat: AT

De Smedt, A., Ooms, D., Van Den Heuvel, R., and Schoeters, G. (1998). Immunotoxicity of Environmentals: an Earthworm Model for Sublethal Damage. *Toxicology Letters* 95: 176.

Chemical of Concern: MLN; Habitat: T

De Sousa, G., Fontaine, F., Pralavorio, M., Botta-Fridlund, D., Letreut, Y., Rahmani, R. *, Marano, F. M., Benford, D. J., Castell, J. V., and Reinhardt, C. h. A. (eds) (1997). Insecticide Cytotoxicity and Cyp1a1/2 Induction in Primary Human and Rat Hepatocyte Cultures. *Toxicology in vitro [Toxicol. in vitro]*. Vol. 11, no. 5, pp. 451-457. Oct 1997.

Chemical of Concern: MLN; Habitat: T

De Vaney, J. A. (1986). Ectoparasites. *Poult.Sci.* 65: 649-656.

Chemical of Concern: CPY,DDVP,TVP,CBL,MLN,PMR,CMPH; Habitat: T; Code: NO
REVIEW(CPY,DDVP,TVP,CBL,MLN,PMR,CMPH).

Decker, Walter J., Combs, Harold F., and Corby, Donald G. (1968). Adsorption of Drugs and Poisons by Activated Charcoal. *Toxicology and Applied Pharmacology* 13: 454-460.

Chemical of Concern: MLN; Habitat: AT

Degraeve, N., Chollet, M. C., and Moutschen, J. (1984). Cytogenetic and Genetic Effects of Subchronic Treatments with Organophosphorus Insecticides. *Arch.Toxicol.* 56: 66-67.

EcoReference No.: 103373

Chemical of Concern: DDVP,DMT,MLN,TCF; Habitat: T; Effect Codes: CEL; Code: NO
ENDPOINT(DDVP,DMT,MLN,TCF).

Degraeve, N., Chollet, M. C., and Moutschen, J. (1984). Evaluation of the Mutagenic Potential of Four Commercial Mixtures of Insecticides. *Food Chem.Toxicol.* 22: 683-687.

EcoReference No.: 90603; Habitat: T; Effect Codes: CEL,REP; Code: NO MIXTURE(ALL CHEMS).

Degraeve, N., Chollet, M.-C., and Moutschen, J. (1985). Mutagenic Efficiency of Organophosphorus Insecticides Used in Combined Treatments. *Environ.Health Perspect.* 60: 395-398.

EcoReference No.: 87451

Chemical of Concern: TCF,AZ,MLN,MP; Habitat: T; Effect Codes: MOR,CEL,REP; Code: NO
ENDPOINT(AZ,MLN,MP),OK(TCF).

Degraeve, N., Gilot-Delhalle, J., Moutschen, J., Moutschen-Dahmen, M., Colizzi, A., Chollet, M., and Houbrechts, N. (1980). Comparison of the Mutagenic Activity of Organophosphorous Insecticides in Mouse and in the Yeast *Schizosaccharomyces pombe*. *Mutat.Res.* 74: 201-202 (ABS).

Chemical of Concern: DDVP,TCF,FNT,AZ,EPRN,DMT,MLN; Habitat: T; Code: NO
ABSTRACT(DDVP,TCF,FNT,AZ,DMT,MLN).

Deiana, P. and Fatichenti, F. (1992). Pesticide Residues in Milk Processing. *Ital j food sci* 4: 229-245.

Chemical of Concern: MLN; Habitat: T

Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Monitoring of Pesticide Residues in Fresh Vegetables, Fruits, and Other Selected Food Items in Belgium, 1991-1993. *Journal of aoac international* 79: 97-110.

Chemical of Concern: MLN; Habitat: T

Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Pesticide Residue Concentrations in the Belgian Total Diet, 1991-1993. *Journal of aoac international* 79: 520-528.

Chemical of Concern: MLN; Habitat: T

Deka, N., Borah, D. C., and Das, P. K. (1998). Insecticidal Control Against Major Insect Pests of Mungbean (*Vigna radiata* (L.) Wilczek). *Ann.Biol.(Hissar)* 14: 195-198.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Del Pino M and Blessing, R. L. (1988). Chemicals and Allied Products. *J water pollut control fed* 60: 909-916.

Chemical of Concern: MLN; Habitat: AT

Del, R. E. A Am, Cova, D., Ragozza, L., Rondelli, E., Rossini, L., and Trevisan, M. (1989). Pesticide Residues in the Po River Italy Watershed Application of a Mathematical Model. *International symposium on agricultural ecology and environment, padova, italy, april 5-7, 1988. Agric ecosyst environ* 27: 539-554.

Chemical of Concern: MLN; Habitat: A

Delaunois, A., Gustin, P., and Ansay, M. (1991). Mechanisms and Prevention of Resistance to Pesticides. *Ann med vet* 135: 343-350.

Chemical of Concern: MLO; Habitat: T

Delescluse, C., Ledirac, N., de Sousa, G., Pralavorio, M., Lesca, P., and Rahmani, R. (1998). Cytotoxic Effects and Induction of Cytochromes P450 1a1/2 by Insecticides, in Hepatic or Epidermal Cells: Binding Capability to the Ah Receptor. *Toxicology Letters* 96-97: 33-39.

Chemical of Concern: MLN; Habitat: AT

Delmore, J. E. and Appelhans, A. D. (1991). Detection of Agricultural Chemical Residues on Plant Leaf Surfaces with Secondary Ion Mass Spectrometry. *Biol.Mass Spectrom.* 20: 237-246.

EcoReference No.: 90708

Chemical of Concern: 24DXY,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Dennis, E. B. and Edwards, C. A. (1963). Phytotoxicity of Insecticides and Acaricides. II. Flowers and Ornamentals. *Plant Pathol.* 12: 27-36.

EcoReference No.: 40669

Chemical of Concern: MLN,DMT,PRN,DZ,DLD,AND,DDT,FLAC,NCTN,PPHD,ETN,DEG; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Deo, P. G., Hasan, S. B., Krishnakumari, M. K., and Karanth, N. Gk (1995). Pirimiphos Methyl a Safe Insecticide. *Journal of scientific and industrial research (india)* 54: 495-511.

Chemical of Concern: MLN; Habitat: AT

Deo, P. G., Hasan, S. B., and Majumder, S. K. (1988). Toxicity and Suitability of Some Insecticides for Household Use. *Int.Pest Control* 30: 118-121,129.

EcoReference No.: 35123

Chemical of Concern:

AND,BRSM,CHD,CBL,CYP,DDT,DCM,DEM,DZ,DDVP,DMT,EN,ES,FNT,FNV,HPT,HCCH,MLN,MX C,PRN,MP,PMR,PYN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Dep. for the Env., Transport and the Regions, London (UK), Readman, J., and Fileman, T. W. (eds) (2001). Inputs and Fluxes of Organic Micropollutants to the North Sea.

Chemical of Concern: MLN; Habitat: AT

Deshpande, R. R., Shaw, S. S., Shrivastav, R. C., and Mandloi, K. C. (1988). Relative Toxicity of Pesticides Against Red Spider Mite *Eutetranychus-orientalis* Klein on Citrus. *Pesticides (Bombay)* 22: 45-46.

Chemical of Concern: MLN; Habitat: T; Code: NO TARGET,NO CROP(MLN).

Desi, I., Dura, G., Gonczi, C., Kneffel, Z., Strohmayer, A., and Szabo, Z. (1974). Toxicological Studies With Malathion on Mammals, Aquatic Organisms and Tissue Cultures. *Egeszsegtudomány* 18: 236-249 (HUN) (ENG ABS).

Chemical of Concern: MLN; Habitat: A

Desi, I., Dura, G., Gonczi, L., Kneffel, Z., Strohmayer, A., and Szabo, Z. (1976). Toxicity of Malathion to Mammals, Aquatic Organisms and Tissue Culture Cells. *Arch.Environ.Contam.Toxicol.* 3: 410-425.

EcoReference No.: 2160

Chemical of Concern: MLN; Habitat: AT; Effect Codes: BEH,MOR,BCM; Code: NO CONTROL,NO ENDPOINT(MLN).

Desmarchelier, J. M. (1988). Iodometric Calibration of Organophosphorus Insecticides and Measurement of Hydrolysis Products. *Pestic sci* 22: 277-286.

Chemical of Concern: MLN; Habitat: AT

Desmarchelier, J. M., Banks, H. J., Williams, P., and Minett, W. (1977). Toxicity of Dichlorvos Vapour to Insects in Aerated and Non-Aerated Wheat and Comparison of the Vapour Action of Dichlorvos and Malathion. *J.Stored Prod.Res.* 13: 1-12.

EcoReference No.: 90682

Chemical of Concern: DDVP; Habitat: T; Effect Codes: MOR,REP; Code: NO COC(MLN).

Devasahayam, S. (1989). Residual Toxicity of Certain Insecticides to Leaf Gall Thrips (*Liothrips karnyi* bagnall) on Black Pepper. *Entomon* 14: 79-80.

EcoReference No.: 91495

Chemical of Concern: DMT,PPHD,DDVP,ES,MLN,MP; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DMT,MLN,MP).

Devasahayam, S. and Koya, K. M. A. (1994). Field Evaluation of Insecticides for the Control of Mussel Scale (*Lepidosaphes piperis* Gr.) on Black Pepper (*Piper nigrum* L.). *J.Entomol.Res.* 18: 213-215.

EcoReference No.: 89124

Chemical of Concern: PPHD,DMT,DDVP,MP,MLN; Habitat: T; Effect Codes: POP,MOR; Code: OK
TARGET(MLN),OK(ALL CHEMS),TARGET(MP).

Devi, P. and Nizam, J. (1988). Occurrence of Abnormal Guard Cells on Leaves of Ixora-Coccinea Treated With Certain Agro Chemicals. *8th international congress of histochemistry and cytochemistry and the 39th annual meeting of the histochemical society, washington, d.c., Usa, july 31-august 5, 1988. J histochem cytochem* 36: 854.

Chemical of Concern: MLN; Habitat: T

Devillers, J., Chambon, P., Zakarya, D., Chastrette, M., and Chambon, R. (1987). A Predictive Structure-Toxicity Model With Daphnia-Magna. *Chemosphere* 16: 1149-1164.

Chemical of Concern: MLN; Habitat: A

Devonshire, A. L., Heidari, R., Bell, K. L., Campbell, P. M., Campbell, B. E., Odgers, W. A., Oakeshott, J. G., and Russell, R. J. (2003). Kinetic Efficiency of Mutant Carboxylesterases Implicated in Organophosphate Insecticide Resistance. *Pesticide Biochemistry and Physiology* 76: 1-13.

Chemical of Concern: MLN; Habitat: T

DeWitt, J. B. and George, J. L. (1960). Bureau of Sport Fisheries and Wildlife Pesticide-Wildlife Review, 1959. *Fish and Wildlife Service, Circular No.84, U.S.Depar.of the Interior, Bureau of Sport Fisheries and Wildlife, September 1960, Washington* 36 p.

EcoReference No.: 88413

Chemical of Concern: CBL,AND,EN,DLD,HPT,CHD,HCCH,MLN,TXP,DDT,DS,AZ,MXC; Habitat: T; Effect Codes: MOR,REP,ACC; Code: NO ENDPOINT(ALL CHEMS).

Dhamdhare, S. and Mathur, R. (1994). Efficacy of Some Foliar Insecticides Against Aphis gossypii Glover Infesting Brinjal. *J.Entomol.Res.* 18: 283-285.

EcoReference No.: 88982

Chemical of Concern: ES,MLN,DMT,CYP,PPHD,FNV,OXD; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Dhamdhare, S. V., Bahadur, J., and Misra, U. S. (1987). Studies on Persistence and Toxicity of Carbamate Insecticides Against Amrasca biguttula biguttula Ishida Infesting Okra. *PKV Res.J.* 11: 97-99.

EcoReference No.: 89464

Chemical of Concern: CBL,OXD,TDC; Habitat: T; Effect Codes: POP; Code: NO COC(MLN),OK
TARGET(OXD,TDC,CBL).

Dhanapakiam, P. and Premlatha, J. (1994). Histopathological Changes in the Kidney of Cyprinus carpio Exposed to Malathion and Sevin. *J.Enviro.Biol.* 15: 283-287.

EcoReference No.: 13515

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR,CEL; Code: LITE EVAL
CODED(CBL),NO CONTROL,ENDPOINT(MLN).

Dhas, S. and Srivastava, M. (2007). Assessment of Certain Pesticide Residues in Soil and on Crops in an Agriculture-Field near Bikaner (Western Rajasthan), India. *J.Entomol.Res.* 31: 331-336.

EcoReference No.: 104908

Chemical of Concern: CBL,MLN,PPHD; Habitat: T; Effect Codes: ACC; Code: NO

CONTROL,ENDPOINT(CBL,MLN).

Dhingra, S. and Sarup, P. (1992). Detection of Resistance in the Blister Beetle, *Mylabris pustulata* Thunb. to Various Insecticides Evaluated During the Last Quarter Century. *J.Entomol.Res.* 16: 231-235.

EcoReference No.: 75778

Chemical of Concern: DMT,MLN,HCCH,PPHD,CBL,MP,LCYT,DCM,CYP,FPP,FNV,PYN,ES; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),TARGET(MLN,CBL,MP).

Dhingra, S. and Verma, S. (1984). Relative Toxicity of Insecticides to the Adults of *Oxycarenus laetus* Kirby, a Pest of Okra . *J.Entomol.Res.* 8: 111-113.

Chemical of Concern: MLN; Habitat: T; Code: NO TARGET,NO CROP(MLN).

Di, H. J. and Aylmore, L. Ag (1997). Modeling the Probabilities of Groundwater Contamination by Pesticides. *Soil science society of america journal* 61: 17-23.

Chemical of Concern: MLN; Habitat: A

Di Muccio a, Cicero, A. M., Camoni, I., Pontecorvo, D., and Dommarco, R. (1987). On-Column Partition Cleanup of Fatty Extracts for Organophosphate Pesticide Residue Determination. *J assoc off anal chem* 70: 106-108.

Chemical of Concern: MLN; Habitat: T

Di Muccio a, Pelosi, P., Camoni, I., Barbini, D. A., Dommarco, R., Generali, T., and Ausili, A. (1996). Selective, Solid-Matrix Dispersion Extraction of Organophosphate Pesticide Residues From Milk. *Journal of chromatography a* 754: 497-506.

Chemical of Concern: MLN; Habitat: AT

Diaz-Mendez, I., Alhama, J., Pueyo, C., and Lopez-Barea, J. (1997). Fish 8-Oxo-Dg Levels as Biomarker of Oxidative Damages by Environmental Pollutants. *7th international conference on environmental mutagens, toulouse, france, september 7-12, 1997. Mutation research* 379: S168.

Chemical of Concern: MLN; Habitat: A

Dierksmeier, G. (1996). Pesticide Contamination in the Cuban Agricultural Environment. *Trends in analytical chemistry* 15: 154-159.

Chemical of Concern: MLN; Habitat: T

Dierksmeier, G. F., Moreno, P. L., Martinez, K., Hernandez, R., Linares, C., The International Atomic Energy Agency (IAEA), The Intergovernmental Oceanographic Commission (IOC) of UNESCO, and The United Nations Environment Programme (UNEP) (1999). Environmental Behaviour of Pesticides in Rice Field Drainage Water Impact on the Coastal Zone.

Chemical of Concern: MLN; Habitat: AT

Dieter, M. P. (1974). Influence of Environmental Contaminants in Biochemical Adaptation to Stress in Birds. *Toxicol.Appl.Pharmacol.* 29: 110-111 (ABS NO.91).

Chemical of Concern: PCB,MLN; Habitat: T; Code: NO ABSTRACT(MLN,PCB).

Dieter, M. P. (1974). Plasma Enzyme Activities in Coturnix Quail fed Graded Doses of DDE, Polychlorinated

Biphenyl, Malathion and Mercuric Chloride. *Toxicol.Appl.Pharmacol.* 27: 86-98.

EcoReference No.: 35130

Chemical of Concern: DDT,PCB,MLN,Hg; Habitat: T; Effect Codes: ACC,BCM,GRO,MOR; Code: NO ENDPOINT(MLN),OK(Hg).

Dikshit, A. K. (2000). Cypermethrin and Deltamethrin Concentration and Contamination in Pulses from Application to Jute Sacks . *Bull.Environ.Contam.Toxicol.* 65: 337-342 .

EcoReference No.: 89042

Chemical of Concern: CYP,DM; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(CYP,DM),NO COC(MLN).

Dikshit, A. K. (1992). Safety Evaluations and Minimising Hazards for Environmental Safety. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 274.

Chemical of Concern: MLN; Habitat: AT

Dimitrov, P. L., Kambourova, M. S., Mandeva, R. D., and Emanuilova, E. I. (1997). Isolation and Characterization of Xylan-Degrading Alkali-Tolerant Thermophiles. *Fems microbiology letters* 157: 27-30.

Chemical of Concern: MLN; Habitat: AT

Dimond, J. B. (1967). Pesticides and Stream Insects. *Maine For.Serv.,Bull.No.23, Augusta, ME* 21 p.

EcoReference No.: 12466

Chemical of Concern: DDT,MLN; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(MLN,DDT).

Dittrich, V., Uk, S., and Ernst, G. H. (1990). Chemical Control and Insecticide Resistance of Whiteflies. *Gerling, d. (Ed.). Whiteflies: their bionomics, pest status and management. Xvi+348p. Intercept Ltd.: Andover, england, uk. Illus. Maps. Isbn 0-946707-16-2.* 0: 263-286.

Chemical of Concern: MLN; Habitat: T

Dive, D., Leclerc, H., and Persoone, G. (1980). Pesticide Toxicity on the Ciliate Protozoan Colpidium campylum: Possible Consequences of the Effect of Pesticides in the Aquatic Environment. *Ecotoxicol.Environ.Saf.* 4: 129-133 (Author Communication Used).

EcoReference No.: 5941

Chemical of Concern:

PNB,THM,PCP,PCB,MP,EPRN,MLN,MCPB,MCPA,CBL,AZ,AND,DDT,24DXY,HCCH,FNT,EN,ES,D MT,DLD; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS)/NO SPECIES(PCB).

Dobbs, A. J. and Zabel, T. F. (1996). Water-Quality Control. *Petts, g. And p. Calow (ed.). River restoration: selected extracts from the rivers handbook. Vii+231p. Blackwell scientific publications: oxford, england, uk* Cambridge, massachusetts, usa. Isbn 0-86542-919-7.; 0: 44-59.

Chemical of Concern: MLN; Habitat: A

Dogheim, S. M., Alla, S. Ag, El-Syes, S. Ma, Almaz, M. M., and Salama, E. Y. (1996). Organochlorine and Organophosphorus Pesticide Residues in Food From Egyptian Local Markets. *Journal of aoac international* 79: 949-952.

Chemical of Concern: MLN; Habitat: T

Dogheim, S. M., Ashraf, E. M. M., Alla, S. A. G. , Khorshid, M. A., and Fahmy, S. M. (2004). Pesticides and Heavy Metals Levels in Egyptian Leafy Vegetables and Some Aromatic Medicinal Plants. *Food Additives & Contaminants [Food Addit. Contam.]*. Vol. 21, no. 4, pp. 323-330. Apr 2004.

Chemical of Concern: MLN; Habitat: T

Dogheim, S. Ma, Riskallah, M. R., and Helmy, E. E. (1984-1985). Residual Behavior of Two Organophosphorus Pesticides on and in Orange Fruits. *Bull entomol soc egypt econ ser 0*: 113-118.

Chemical of Concern: MLN; Habitat: T

Doi, T., Sakaue, S., and Horiba, M. (1985). Analysis of Dextro Phenothrin and Its Optical Isomers in Technical Preparations and Formulations. *Association of official analytical chemists international pesticides analytical council symposium on analysis of pesticide products, impurities, and degradation materials held at the 98th annual international meeting of the association of official analytical chemists, washington, d.c., Usa, oct. 28-nov. 2, 1984. J assoc off anal chem* 68: 911-916.

Chemical of Concern: MLN; Habitat: A

Domagalski, J. (1997). Results of a Prototype Surface Water Network Design for Pesticides Developed for the San Joaquin River Basin, California. *Journal of hydrology (amsterdam)* 192: 33-50.

Chemical of Concern: MLN; Habitat: AT

Donaldson, W., Price, A. H., and Morse, J. (1994). The Current Status and Future Prospects of the Texas Horned Lizard *Phrynosoma Cornutum* in Texas. *Texas journal of science* 46: 97-113.

Chemical of Concern: MLN; Habitat: T

Doong, Ruey-an and Chang, Wen-huei (1998). Photoassisted Iron Compound Catalytic Degradation of Organophosphorous Pesticides With Hydrogen Peroxide. *Chemosphere* 37: 2563-2572.

Chemical of Concern: MLN; Habitat: AT

Doorn, J. A., Gage, D. A., Schall, M., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2000). Inhibition of Acetylcholinesterase by (1s,3s)-Isomalathion Proceeds With Loss of Thiomethyl: Kinetic and Mass Spectral Evidence for an Unexpected Primary Leaving Group. *Chemical Research in Toxicology [Chem. Res. Toxicol.]*. Vol. 13, no. 12, pp. 1313-1320. 18 Dec 2000.

Chemical of Concern: MLN; Habitat: A

Doorn, J. A., Schall, M., Gage, D. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2001). Identification of Butyrylcholinesterase Adducts After Inhibition With Isomalathion Using Mass Spectrometry: Difference in Mechanism Between (1 R)- and (1 S)-Stereoisomers. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 176, no. 2, pp. 73-80. 15 Oct 2001.

Chemical of Concern: MLN; Habitat: T

Doorn, J. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. (2001). Probing the Active Sites of Butyrylcholinesterase and Cholesterol Esterase With Isomalathion: Conserved Stereoselective Inactivation of Serine Hydrolases Structurally Related to Acetylcholinesterase. *Chemical Research in Toxicology [Chem. Res. Toxicol.]*. Vol. 14, no. 7, pp. 807-813. Jul 2001.

Chemical of Concern: MLN; Habitat: T

Dorta, D. M., Vsuki, V., and Rajavel, A. (1993). Evaluation of Organophosphorus and Synthetic Pyrethroid Insecticides Against Six Vector Mosquito Species. *Rev.Saude Publica* 27: 391-397.

EcoReference No.: 77501

Chemical of Concern: ACYP,MLN,DM,TMP; Habitat: AT; Effect Codes: MOR; Code: TARGET MLN,OK(DM,TMP,ACYP).

Douglas, M. T., Chanter, D. O., Pell, I. B., and Burney, G. M. (1986). A Proposal for the Reduction of Animal Numbers Required for the Acute Toxicity to Fish Test (LC50 Determination). *Aquat.Toxicol.* 8: 243-249.

EcoReference No.: 12210

Chemical of Concern: CBL,MLN,TBT,PCP,DLD; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,PCP),NO CONTROL(MLN),OK(DLD,TBT).

Dourson, M. L. and Lu, F. C. (1995). Safety/Risk Assessment of Chemicals Compared for Different Expert Groups. *Biomedical and environmental sciences* 8: 1-13.

Chemical of Concern: MLN; Habitat: T

Dover, M. J. and Croft, B. A. (1986). Pesticide Resistance and Public Policy. *Bioscience* 36: 78-85.

Chemical of Concern: MLN; Habitat: AT

Dowd, P. F., Behle, R. W., McGuire, M. R., Nelsen, T. C., Shasha, B. S., Simmons, F. W., and Vega, F. E. (1998). Adherent Malathion Flour Granules as an Environmentally Selective Control for Chewing Insect Pests of Dent Corn Ears: Insect Control. *J.Econ.Entomol.* 91: 1058-1066.

EcoReference No.: 90700

Chemical of Concern: CSN,SBAK,MLN; Habitat: T; Effect Codes: POP,GRO; Code: OK TARGET(MLN).

Dowd, P. F., Pingel, R. L., Ruhl, D., Shasha, B. S., Behle, R. W., Penland, D. R., McGuire, M. R., and Faron II, E. J. (2000). Multiacreage Evaluation of Aerially Applied Adherent Malathion Granules for Selective Insect Control and Indirect Reduction of Mycotoxigenic Fungi in Specialty Corn. *J.Econ.Entomol.* 93: 1424-1428.

EcoReference No.: 58558

Chemical of Concern: MLN,CPY; Habitat: T; Effect Codes: POP; Code: OK(CPY),OK TARGET(MLN).

Dowdy, D. L., Mckone, T. E., and Hsieh, D. Ph (1996). Prediction of Chemical Biotransfer of Organic Chemicals From Cattle Diet Into Beef and Milk Using the Molecular Connectivity Index. *Environmental science & technology* 30: 984-989.

Chemical of Concern: MLN; Habitat: T

Dowell, R. V., Wilson, W., and Hennessy, M. K. (1997). Toxicity of Suredye to Beneficial Insects. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 66s-67s.

Chemical of Concern: MLN; Habitat: T

Dowling, K. C. and Lemley, A. T. (1991). Evaluation of Organophosphate Insecticide Hydrolytic Detoxification by Conventional Means and Reactive Ion Exchange. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 124.

Chemical of Concern: MLN; Habitat: T

Dowling, K. C. and Lemley, A. T. (1995). Organophosphate Insecticide Degradation by Non-Amended and Cupric Ion-Amended Fenton's Reagent in Aqueous Solution. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 30: 585-604.

Chemical of Concern: MLN; Habitat: A

Dowling, K. C. and Lemley, A. T. (1992). Susceptibility of Organophosphorous Insecticides to Degradation by Cupric and Ferrous-Ferric Ion Systems. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro116.

Chemical of Concern: MLN; Habitat: A

Dragomirescu, A., Raileanu, L., and Ababei, L. (1975). The Effect of Carbetox on Glycolysis and the Activity of Some Enzymes in Carbohydrate Metabolism in the Fish and Rat Liver. *Water Res.* 9: 205-209.

EcoReference No.: 7905

Chemical of Concern: MLN; Habitat: AT; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Draper, W. M., Dhoot, J. S., Dhaliwal, J. S., Remoy, J. W., Perea, S. K., and Baumann, F. J. (1998). Detection Limits of Organic Contaminants in Drinking Water. *American water works association journal* 90: 82-90.

Chemical of Concern: MLN; Habitat: AT

Dreistadt, S. H., Clark, J. K., and Flint, M. L. (1994). Pests of Landscape Trees and Shrubs an Integrated Pest Management Guide. *Dreistadt, s. H., J. K. Clark and m. L. Flint. Pests of landscape trees and shrubs: an integrated pest management guide. Vi+327p. University of california press: berkeley, california, usa. Isbn 1-879906-18-x. 0: Vi+327p.*

Chemical of Concern: MLN; Habitat: AT

Drevenkar, V., Frobe, Z., Vasilic, Z., Tkalcevic, B., and Stefanac, Z. (1979). The Rate of Urinary Excretion of Phosalone Residues in Occupationally Exposed Persons. *The Science of The Total Environment* 13: 235-243.

Chemical of Concern: MLN; Habitat: T

Dribben, W. H. and Kirk, M. A. (2001). Organ Procurement and Successful Transplantation After Malathion Poisoning. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 39, no. 6, pp. 633-636. 2001.

Chemical of Concern: MLN; Habitat: T

Drummond, R. O., Ernst, S. E., Trevino, J. L., Gladney, W. J., and Graham, O. H. (1976). Tests of Acaricides for Control of Boophilus annulatus and B. microplus. *J.Econ.Entomol.* 69: 37-40.

EcoReference No.: 99766

Chemical of Concern: PSM,As,TXP,HCCH,MLN,CMPH,CPY,ETN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT,NO CONTROL(PSM),NO CONTROL(MLN,CMPH,CPY).

Dryden, M. W. and Rust, M. K. (1994). The Cat Flea: Biology, Ecology and Control. *Veterinary parasitology* 52: 1-19.

Chemical of Concern: MLN; Habitat: T

Du, D., Huang, X., Cai, J., and Zhang, A. (Comparison of Pesticide Sensitivity by Electrochemical Test Based on Acetylcholinesterase Biosensor. *Biosens bioelectron.* 2007, sep 30; 23(2):285-9. [*Biosensors & bioelectronics*]: *Biosens Bioelectron.*

Chemical of Concern: MLN; Habitat: AT

Dua, V. K., Sharma, S. K., Srivastava, A., and Sharma, V. P. (Bioenvironmental Control of Industrial Malaria at Bharat Heavy Electricals Ltd., Hardwar, India: Results of a Nine-Year Study (1987-95).

Chemical of Concern: MLN; Habitat: T

Dubale, M. S. and Shah, P. (1979). Histopathological Lesions Induced by Malathion in the Liver of Channa punctatus. *Indian J.Exp.Biol.* 17: 693-697.

EcoReference No.: 15800

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,MOR; Code: NO CONTROL(MLN).

Dubale, M. S. and Shah, P. (1984). Toxic Effect of Malathion on the Kidney of a Fresh Water Teleost Channa punctatus. *Comp.Physiol.Ecol.* 9: 238-244.

EcoReference No.: 10958

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,CEL; Code: NO CONTROL,NO ENDPOINT(MLN).

Dube, M. G., Culp, J. M., and Scrimgeour, G. J. (1997). Nutrient Limitation and Herbivory: Processes Influenced by Bleached Kraft Pulp Mill Effluent. *Canadian Journal of Fisheries and Aquatic Sciences [CAN. J. FISH. AQUAT. SCI.]*. Vol. 54, no. 11, pp. 2584-2595. Nov 1997.

Chemical of Concern: MLN; Habitat: A

Dubois, K. P. (1961). Potentiation of the Toxicity of Organophosphorus Compounds. *Adv.Pest Control Res.* 4: 117-151.

Chemical of Concern: DZ,MLN; Habitat: T

DuBois, K. P. and Kinoshita, F. (1964). Acute Toxicity and Anticholinesterase Action of O,O-Dimethyl O-[4-(Methylthio)-M-Tolyl] Phosphorothioate (DMTP; Baytex) and Related Compounds. *Toxicol.Appl.Pharmacol.* 6: 86-95.

EcoReference No.: 90675

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO MIXTURE(MLN).

Dudkowski, J. J. (1988). Emulsifiable Concentrates of Malathion With Inherent Low Eye-Irritation Properties Us Patent-4786632. November 22 1988. *Off gaz u s pat trademark off pat* 1096: 1982.

Chemical of Concern: MLN; Habitat: AT

Dudley, D. R. and Karr, J. R. (1980). Pesticides and Pcb Residues in the Black Creek Watershed, Allen County, Indiana-1977-78. *Pestic.Monit.J.* 13: 155-157.

Chemical of Concern: PCB,ACR,DDT,CBF,MLN; Habitat: A

Duhra, M. S., Hameed, S. F., and Nath, A. (1984). Effect of Washing on Insecticide Residues in Cauliflower Curds. *Indian Journal of Nutrition and Dietetics [INDIAN J. NUTR. DIET.]*. Vol. 21, no. 4, pp. 124-128. 1984.

Chemical of Concern: MLN; Habitat: T

Duke, J. A. (1992). Biting the Biocide Bullet. *James, I. F., Et al. (Ed.). Poisonous plants* Third international symposium, Logan, Utah, USA, 1988. Xv+661p. Iowa state university press: Ames, Iowa, USA. Illus. Maps. ISBN 0-8138-1241-0.; 0: 474-478.

Chemical of Concern: MLN; Habitat: T

Dukes, J. C., Hallmon, C. F., Shaffer, K. R., and Hester, P. G. (1990). Effects of Pressure and Flow Rate on Cythion Droplet Size Produced by Three Different Ground Ulv Aerosol Generators. *J Am Mosq Control Assoc* 6: 279-282.

Chemical of Concern: MLN; Habitat: AT

Dunachie, J. F. and Fletcher, W. W. (1969). An Investigation of the Toxicity of Insecticides to Birds' Eggs Using the Egg-Injection Technique. *Ann. Appl. Biol.* 64: 409-423.

EcoReference No.: 36482

Chemical of Concern: AND,CBL,DDT,DLD,ES,EN,HPT,MLN,PRN,DDVP,ETN; Habitat: T; Effect Codes: MOR,REP; Code: NO ENDPOINT(MLN,CBL).

Dunley, J. E., Messing, R. H., and Croft, B. A. (1991). Levels and Genetics of Organophosphate Resistance in Italian and Oregon Biotypes of *Amblyseius andersoni* (Acari: Phytoseiidae). *J. Econ. Entomol.* 84: 750-755.

EcoReference No.: 91024

Chemical of Concern: FNV,ES,CBL,DZ,PHSL,AZ,MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(CBL,DZ,AZ,MLN,FNV).

Dureja, P. and Parmar, B. S. (Mitigation of Environmental Hazards of Agrochemicals the Indian Scenario. *Dhaliwal, G. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, Chandigarh, India, November 15-17, 1997. Xxv+688p. (Vol. 1); xxiii+712p. (Vol. 2) Indian Ecological Society: Ludhiana, India; Centre for research in rural and industrial development: Chandigarh, India. ISBN 81-85835-38-1 (vol. 1); ISBN 81-85835-39-X (vol. 2).; 0 (0). 1998. 521-534.*

Chemical of Concern: MLN; Habitat: T

Durham, J. J., Ogata, J., Nakajima, S., Hagiwara, Y., and Shibamoto, T. (1999). Degradation of Organophosphorus Pesticides in Aqueous Extracts of Young Green Barley Leaves (*Hordeum vulgare* L.). *Journal of the science of food and agriculture* 79: 1311-1314.

Chemical of Concern: MLN; Habitat: T

Durham, S. K., Gandy, J., and Imamura, T. (1988). Atropine Pretreatment does not Abrogate O,O,S-Trimethyl Phosphorothioate-Induced Bronchiolar Injury in Mice. *Toxicol. Pathol.* 16: 392-395.

EcoReference No.: 89361; Habitat: T; Effect Codes: CEL,PHY; Code: NO COC(MLN).

Durham, S. K. and Imamura, T. (1988). Morphogenesis of O,O,S-Trimethyl Phosphorothioate-Induced Pulmonary Injury in Mice. *Toxicol. Appl. Pharmacol.* 96: 417-428.

EcoReference No.: 88969; Habitat: T; Effect Codes: CEL,BEH,PHY; Code: NO COC(MLN).

Dutt, N. and Guha, R. S. (1988). Toxicity of Few Organophosphorus Insecticides to Fingerlings of Bound Water

Fishes, *Cyprinus carpio* (Linn.) and *Tilapia mossambica* Peters. *Indian J. Entomol.* 50: 403-421.

EcoReference No.: 45084

Chemical of Concern: PHS, DMT, MLN, MP, FNT, FNTH, DZ, EPRN, CPY, DDVP, PPHD; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN), OK(ALL CHEMS).

Dutt, N. and Somchoudhury, A. K. (1980). Persistent Toxicity of Some Insecticides to *Trichogramma perkinsi* Girault and *Trichogramma australicum* Girault (Hymenoptera: Trichogrammatidae). *J. Entomol. Res.* 4: 203-214.

EcoReference No.: 88981

Chemical of Concern: ES, EN, PRN, MLN, DZ, HCCH, DDT, CBL; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Dutta, G. R., Adhikari, S., Datta Munshi, J. S., and Dutta, H. M. (1994). Accumulation of Malathion in Different Organs of *Heteropneustes fossilis* (Bloch). *J. Freshw. Biol.* 6: 183-186.

EcoReference No.: 19487

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Dutta, H. M., Adhikari, S., Singh, N. K., Roy, P. K., and Munshi, J. S. D. (1993). Histopathological Changes Induced by Malathion in the Liver of a Freshwater Catfish, *Heteropneustes fossilis* (Bloch). *Bull. Environ. Contam. Toxicol.* 51: 895-900.

EcoReference No.: 8110

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Dutta, H. M., Datta-Munshi, J. S., and Roy, P. K. (1994). Malathion Induced Changes in Lymphatic System of a Catfish *Heteropneustes Fossilis* a Tem Observation. *Annual meeting of the american society of zoologists, 1994. American zoologist* 34: 9a.

Chemical of Concern: MLN; Habitat: A

Dutta, H. M., Dogra, J. V. V., Singh, N. K., Roy, P. K., Nasar, S. S. T., Adhikari, S., Munshi, J. S. D., and Richmonds, C. (1992). Malathion Induced Changes in the Serum Proteins and Hematological Parameters of an Indian Catfish *Heteropneustes fossilis* (Bloch). *Bull. Environ. Contam. Toxicol.* 49: 91-97.

EcoReference No.: 5782

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM, CEL; Code: NO ENDPOINT(MLN).

Dutta, H. M. and Marcelino, J. (1990). Effects of Malathion on Kidney and Skin of Bluegill Fish, *Lepomis macrochirus*. *J. Freshw. Biol.* 2: 77-88.

EcoReference No.: 5614

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL, GRO, PHY; Code: NO ENDPOINT(MLN).

Dutta, H. M., Munishi, J. Sd, and Roy, P. K. (1997). Changes in the Gill's Sem Structures of Malathion Exposed Catfish *Heteropneustes Fossilis*. *Annual meeting of the society for integrative and comparative biology, boston, massachusetts, usa, january 3-7, 1998. American zoologist* 37: 134a.

Chemical of Concern: MLN; Habitat: A

Dutta, H. M., Munshi, J. S. D., Dutta, G. R., Singh, N. K., Adhikari, S., and Richmonds, C. R. (1995). Age Related Differences in the Inhibition of Brain Acetylcholinesterase Activity of *Heteropneustes fossilis* (Bloch) by Malathion. *Comp. Biochem. Physiol. A* 111: 331-334.

EcoReference No.: 16097

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Dutta, H. M., Munshi, J. S. D., Roy, P. K., Singh, N. K., Adhikari, S., and Killius, J. (1996). Ultrastructural Changes in the Respiratory Lamellae of the Catfish, *Heteropneustes fossilis* After Sublethal Exposure to Malathion. *Environ.Pollut.* 92: 329-341.

EcoReference No.: 17111

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Dutta, H. M., Munshi, J. S. D., Roy, P. K., Singh, N. K., and Richmonds, C. R. (1992). Variation in Toxicity of Malathion to Air and Water-Breathing Teleosts. *Bull.Environ.Contam.Toxicol.* 49: 279-284.

EcoReference No.: 5994

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL(MLN).

Dutta, H. M., Munshi, J. Sd, and Roy, P. K. (1993). Tem Study of Malathion Induced Changes in Gill of a Catfish *Heteropneustes Fossilis*. *Annual meeting of the american society of zoologists, los angeles, california, usa, december 26-30, 1993. American zoologist* 33: 150a.

Chemical of Concern: MLN; Habitat: A

Dutta, H. M., Nasar, S. S. T., Munshi, J. S. D., and Richmonds, C. R. (1992). Malathion Induced Changes in the Optomotor Behavior of an Indian Carp, *Labeo rohita*. *Bull.Environ.Contam.Toxicol.* 49: 562-568 (OECDG Data File).

EcoReference No.: 3978

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

Dutta, H. M., Nassar, S. S. T., Munshi, J. S. D., and Richmonds, C. (1994). Behavioral Changes in an Air-Breathing Fish, *Anabas testudineus*, Exposed to Malathion. *Bull.Environ.Contam.Toxicol.* 52: 80-86.

EcoReference No.: 13766

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

Dutta, H. M., Nath, A., Adhikari, S., Roy, P. K., Singh, N. K., and Munshi, J. S. D. (1994). Sublethal Malathion Induced Changes in the Ovary of an Air-Breathing Fish, *Heteropneustes fossilis*: A Histological Study. *Hydrobiologia* 294: 215-218.

EcoReference No.: 16022

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Code: NO ENDPOINT(MLN).

Dutta, K., Bhattacharyay, D., Mukherjee, A., Setford, S. J., Turner, A. P. F., and Sarkar, P. (2008). Detection of pesticide by polymeric enzyme electrodes. *Ecotoxicology and Environmental Safety* 69: 556-561.

Chemical of Concern: MLN; Habitat: AT

Dyer, S. D., Belanger, S. E., and Carr, G. J. (1997). An Initial Evaluation of the Use of Euroorth American Fish Species for Tropical Effects Assessments. *Chemosphere* 35: 2767-2781.

Chemical of Concern: MLN; Habitat: A

Eason, C. T., Frampton, C. M., Henderson, R., Thomas, M. D., and Morgan, D. R. (1993). Sodium Monofluoroacetate and Alternative Toxins for Possum Control. *N.Z.J.Zool.* 20: 329-334.

Chemical of Concern: BDF,NaFA,WFN,WDF,BML,MLN; Habitat : T

Easterbrook, M. A. (1997). A Field Assessment of the Effects of Insecticides on the Beneficial Fauna of Strawberry. *Crop Prot.* 16: 147-152.

EcoReference No.: 67254

Chemical of Concern: DEM,CPY,PIRM,MLN,CYP; Habitat: T; Effect Codes: POP; Code: NO
ENDPOINT(DEM,CPY,PIRM,MLN,CYP).

Easterbrook, M. A. (1997). The Phenology of *Lygus rugulipennis*, the European Tarnished Plant Bug, on Late-Season Strawberries, and Control with Insecticides. *Ann.Appl.Biol.* 131: 1-10.

EcoReference No.: 89190

Chemical of Concern: MLN,CPY,CYP,BFT,TCF; Habitat: T; Effect Codes: POP; Code: OK(TCF),OK
TARGET(MLN,CPY,CYP,BFT).

Easwaramoorthy, S., David, H., Santhalakshmi, G., Shanmugasundaram, M., Nandagopal, V., and Kurup, N. K. (1990). Toxicity of Certain Insecticides to *Sturmiopsis inferens*, a Larval Parasite of Sugarcane Moth Borers. *Entomophaga* 35: 385-391.

EcoReference No.: 63828

Chemical of Concern: CBF,HCCH,EN,MLN,DCM,DMT,CYP,FNV; Habitat: T; Effect Codes:
MOR,REP,DVP; Code: OK(ALL CHEMS),OK TARGET(DMT,MLN,CYP).

Easwaramoorthy, S. and Jayaraj, S. (Synergism of Insect Pathogens and Chemical Insecticides. *Jayaraj, s. (Ed.). Microbial control and pest management; meeting, coimbatore, india, x+278p. Tamil nadu agricultural university: coimbatore, india. Illus. Paper.; 0 (0). 1985 (recd. 1986). 189-194.*

Chemical of Concern: MLN; Habitat: T

Eatock, R. A. and Ruesch, A. (1997). Developmental Changes in the Physiology of Hair Cells. *Seminars in cell & developmental biology* 8: 265-275.

Chemical of Concern: MLN; Habitat: T

Edelson, J. V., Royer, T. A., and Cartwright, B. (1987). Control of Arthropod Pests on Cantaloupe, 1986. *Insectic.Acaric.Tests* 12: 108 (No. 116).

EcoReference No.: 88727

Chemical of Concern:

ETN,Naled,FNV,PRN,ES,OML,PPHD,MTM,MOM,MVP,MLN,DCF,CBL,DZ,AZ,DMT; Habitat: T;
Effect Codes: POP,GRO; Code: OK(ALL CHEMS),OK TARGET(MOM,CBL),NO TARGET,NO
CROP(MLN,DMT,Naled).

Edwards, B. H., Paullin, J. N., and Coghlan-Jordan, K. (Emerging Technologies for the Control of Hazardous Wastes. *J hazard mater; 12 (2). 1985 (recd. 1986). 201-205.*

Chemical of Concern: MLN; Habitat: AT

Edwards, C. A. and Bohlen, P. J. (1992). The Effects of Toxic Chemicals on Earthworms. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 125. ix+186p. Springer-verlag new york, inc.: New york, new york, usa Berlin, germany. Illus. Maps. Isbn 0-387-97762-7; isbn 3-540-97762-7.; 0: 23-99.*

Chemical of Concern: MLN; Habitat: T

Ehler L. E. and Kinsey M. G. (1993). Spatial Distribution of Progeny in a Parasitoid of a Gall Midge and Its Relevance to Applied Biological Control. *Biological Control* 3: 116-126.

Chemical of Concern: MLN; Habitat: A

Ehrich, M. and Correll, L. (1998). Inhibition of Carboxylesterases in Sh-Sy5y Human and Nb41a3 Mouse Neuroblastoma Cells by Organophosphorus Esters. *Journal of toxicology and environmental health part a* 53: 385-399.

Chemical of Concern: MLO; Habitat: T

Ehrich, M., Correll, L., and Veronesi, B. (Acetylcholinesterase and Neuropathy Target Esterase Inhibitions in Neuroblastoma Cells to Distinguish Organophosphorus Compounds Causing Acute and Delayed Neurotoxicity. *Fundamental and applied toxicology*, vol. 38, no. 1, pages 55-63, 37 references, 1997.

Chemical of Concern: MLO; Habitat: T

Ehrich, M., Correll, L., and Veronesi, B. (1994). Neuropathy Target Esterase Inhibition by Organophosphorus Esters in Human Neuroblastoma Cells. *Neurotoxicology (little rock)* 15: 309-314.

Chemical of Concern: MLO; Habitat: AT

Eichelberger, J. W. and Lichtenberg, J. J. (1971). Carbon Adsorption for Recovery of Organic Pesticides. *J. Am. Wat. Works Assoc. Vol. 63, no. 1, pp. 25-27. 1971.*

Chemical of Concern: MLN; Habitat: A

Eisler, R. (1969). Acute Toxicities of Insecticides to Marine Decapod Crustaceans. *Crustaceana (Lieden)* 16: 302-310.

EcoReference No.: 627

Chemical of Concern: HCCH,MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,HCCH,MP).

Eisler, R. (1970). Factors Affecting Pesticide-Induced Toxicity in an Estuarine Fish. *Tech.Pap.No.45, Bureau Sport Fish.Wildl., Fish Wildl.Dep., U.S.D.I., Washington, D.C. : 20.*

EcoReference No.: 2814

Chemical of Concern: HCCH,MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Eisler, R. (1970). Latent Effects of Insecticide intoxication to Marine Molluscs. *Hydrobiologia* 36: 345-352.

EcoReference No.: 2896

Chemical of Concern: HCCH,MLN,MP,DDT,AND,EN,HPT,MXC,DDVP; Habitat: A; Effect Codes: REP,MOR; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Eitzer, B. D. and Chevalier, A. (1999). Landscape Care Pesticide Residues in Residential Drinking Water Wells. *Bulletin of environmental contamination and toxicology* 62: 420-427.

Chemical of Concern: MLN; Habitat: AT

El-Aziz, T. A. (Monitoring of Some Pesticides Residues in Different Samples of Meat and Some Organs of Cattle. *J egypt public health assoc. 1996; 71(3-4):343-53. [The journal of the egyptian public health association]: J Egypt Public Health Assoc.*

Chemical of Concern: MLN; Habitat: T

El Banhawy, E. M., Amer, S. A. A., and Saber, S. A. (2000). Induction of a Malathion-Resistant Strain in the Common Predacious Mite *Amblyseius cydnodactylon* (Acari: Phytoseiidae). *Anz.Schaedlingskd.(J.Pest Sci.)* 73: 22-24.

EcoReference No.: 64868

Chemical of Concern: MLN; Habitat: T; Code: TARGET MLN.

El Dib, M. A., El Elaimy, I. A., Kotb, A., and Elowa, S. H. (1996). Activation of In Vivo Metabolism of Malathion in Male Tilapia nilotica. *Bull.Environ.Contam.Toxicol.* 57: 667-674.

EcoReference No.: 16605

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

El-Din, M. (1992). Development of Resistance to Organophosphates and Carbamates in *Tetranychus-urticae* Koch in Fruit Orchards in Egypt. In: *Int.Symp.on Integrated Plant Protection in Orchards (Isippo): Part II, Jul.31-Aug.5, 1990, Godollo, Hungary, Acta Phytopathol.Entomol.Hung.* 27 : 605-608.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

El-Hawa, M. A., Awany, N. M., El-Fouly, M. Z., and Zeid, A. A. A. (1993). Biodegradation of Malathion by Indole-3 Acetic Acid Producing Soil Microflora. *Egypt.J.Microbiol.* 28: 201-213.

EcoReference No.: 89363

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM,ACC; Code: NO ENDPOINT(MLN).

El-Hawa, M. A., Awany, N. M., El-Fouly, M. Z., and Zeid, A. A. A. (1993). Degradation of Malathion by Indole-3-Acetic Acid Producing Soil Microflora Under the Influence of Different Environmental Conditions. *Egypt.J.Microbiol.* 28: 355-372.

EcoReference No.: 89030

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,BCM; Code: NO ENDPOINT(MLN).

El-Khatib, Z. I. and Georghiou, G. P. (1985). Geographic Variation of Resistance to Organophosphates, Propoxur and DDT in the Southern House Mosquito, *Culex quinquefasciatis*, in California. *J.Am.Mosq.Control Assoc.* 1: 279-283.

EcoReference No.: 11201

Chemical of Concern: CPY,MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,CPY,MP).

El-Lakwah, F. A., Hamed, M. S., Darwish, A. A., and Shams El-Din, A. M. (1995). Determination of Certain Organochlorine and Organophosphorus Pesticide Residues in Home-Produced Tomatoes and Cucumbers Used for Consumption in Two Egyptian Governorates. *Annals of Agricultural Science, Moshtohor. Vol. 33, no. 1, pp. 399-407. 1995.*

Chemical of Concern: MLN; Habitat: T

El-Magid, M. M. A. (1986). Effects of Some Pesticides on the Growth of Blue-Green Alga *Spirulina platensis*. *Egypt.J.Food Sci.* 14 : 67-74.

EcoReference No.: 89328

Chemical of Concern: PIRM,DDT,CBL,MLN,HPT,FNT,CuS; Habitat: A; Effect Codes:

BCM,GRO,CEL,POP; Code : NO ENDPOINT(ALL CHEMS,TARGET-CBL).

El-Refai, A. and Hopkins, T. L. (1972). Malathion Absorption, Translocation, and Conversion to Malaoxon in Bean Plants. *J.Assoc.Off.Anal.Chem.* 55: 526-531.

EcoReference No.: 98012

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN,MLO),CROP(MLN).

El-Sayed, A. M. and El-Ghar, G. (1989). Selective Toxicity of Organophosphorus Insecticides to the Cabbage Aphid *Brevicoryne brassicae* Homoptera Aphididae and Its Parasitoid *Diaeretiella rapae* Hymenoptera Aphidiidae. *Z.Pflanzenkr.Pflanzenschutz* 96: 281-288.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

El Sayed, M. M., Abdel-Megeed, M. I., Selim, A. A., Hussein, E. M. K., and El-Sisi, A. (1982). Field Evaluation of Compatible Pesticides and Plant Growth Regulators and Local Formulated E.C.'s. *Ain.Shams Univ.Fac.Agr.Res.Bull.* 1709: 10 p.

EcoReference No.: 25651

Chemical of Concern: MLN,24D; Habitat: T; Effect Codes: POP,PHY; Code: NO ENDPOINT(MLN,24D).

El-Shahawi, M. S., Kiwan, A. M., Al-Daheri, S. M., and Saleh, M. H. (1995). The Retention Behaviour and Separation of Some Water-Soluble Organophosphorus Insecticides on Polyester-Based Polyurethane Foams. *Talanta* 42: 1471-1478.

Chemical of Concern: MLN; Habitat: AT

El-Zemaity, M. S. (1998). Degradation Behavior of Malathion and Fenitrothion Residues on Wheat and Barley Under Different Storage Systems in Saudi Arabia. *Bulletin of environmental contamination and toxicology* 60: 864-871.

Chemical of Concern: MLN; Habitat: T

Eliason, D. A., Campos, E. G., Moore, C. G., and Reiter, P. (1990). Apparent Influence of the Stage of Blood Meal Digestion on the Efficacy of Ground Applied ULV Aerosols for the Control of Urban Culex Mosquitoes. II. Laboratory Evidence. *J.Am.Mosq.Control Assoc.* 6: 371-375.

EcoReference No.: 69767

Chemical of Concern: RSM,MLN; Habitat: T; Effect Codes: MOR,REP; Code: OK(RSM),OK TARGET(MLN).

Ellenson, W. D., Mukerjee, S., Stevens, R. K., Willis, R. D., Shadwick, D. S., Somerville, M. C., and Lewis, R. G. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: II. Assessment of Transboundary Pollution Transport and Other Activities by Air Quality Monitoring. *Environment international* 23: 643-655.

Chemical of Concern: MLN; Habitat: AT

Elliott, M., Farnham, A. W., Janes, N. F., Needham, P. H., Pearson, B. C., and Stevenson, J. H. (1967). New Synthetic Insecticidal Compounds Related to the Pyrethrins. *Proc.4th British Insecticide and Fungicide Conference, Volume 1, Held Nov.20-23, 1967, Brighton, England* 437-443.

EcoReference No.: 48973

Chemical of Concern: PYN,PRN,MLN,DMT,DLD,DDVP,DZ,ATN,AZ,HCCH,CBL,DEM,DDT; Habitat:

T; Effect Codes: PHY,MOR; Code: NO CONTROL(ALL CHEMS).

Elliott, R. H. (1988). Evaluation of Insecticides for Protection of Wheat Against Damage by the Wheat Midge, *Sitodiplosis mosellana* (Gehin) (Diptera: Cecidomyiidae). *Can.Entomol.* 120: 615-626.

EcoReference No.: 92751

Chemical of Concern: CPY,PMR,DMT,DM,CYP,MXC,CBF,MLN,ES; Habitat: T; Effect Codes: POP,GRO; Code: LITE EVAL CODED(CBF,CPY,ES),OK(PMR,DMT,CYP),EFFICACY(MLN).

Elms, K. D., Kerr, J. D., and Champ, B. R. (1972). Breakdown of Malathion and Dichlorvos Mixtures Applied to Wheat. *J.Stored Prod.Res.* 8: 55-63.

EcoReference No.: 91571

Chemical of Concern: DDVP,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN),NO MIXTURE(DDVP).

Elsebae, A. A. (1994). Comparative Susceptibility of the Alareesh Marine Culture Center Shrimp *Penaeus japonicus* and the Brine Shrimp *Artemia salina* to Different Insecticides and Heavy Metals. *Alex.Sci.Exch.J.* 15: 425-435.

EcoReference No.: 93420

Chemical of Concern: PbN,CdCl,AlCl,FNT,MLN,ES,MOM,CYP,CPY,DFZ; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Elston, D. M. (Treating Pediculosis--Those Nit-Picking Details. *Pediatr dermatol.* 2007 jul-aug; 24(4):415-6. [*Pediatric dermatology*]: *Pediatr Dermatol.*

Chemical of Concern: MLN; Habitat: T

Endo, S., Masuda, T., and Kazano, H. (1988). Development and Mechanism of Insecticide Resistance in Rice Brown Planthoppers Selected with Malathion and MTMC. *J.Pestic.Sci.* 13: 239-245.

EcoReference No.: 63859

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Engel, S. M., Berkowitz, G. S., Barr, D. B., Teitelbaum, S. L., Siskind, J., Meisel, S. J., Wetmur, J. G., and Wolff, M. S. (Prenatal Organophosphate Metabolite and Organochlorine Levels and Performance on the Brazelton Neonatal Behavioral Assessment Scale in a Multiethnic Pregnancy Cohort. *Am j epidemiol.* 2007, jun 15; 165(12):1397-404. [*American journal of epidemiology*]: *Am J Epidemiol.*

Chemical of Concern: MLN; Habitat: T

EPA/OTS (1992). Initial Submission: A Comparison of Single-Dose Oral LD50's for SPB with Cover Letter Dated 050792. *EPA/OTS Doc.#88-920002473* 42 p. (NTIS/OTS 0537283).

EcoReference No.: 104948

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BEH,PHY; Code: NO CONTROL(MLN).

Erdmann, F., Brose, C., and Schuetz, H. (1990). A Tlc Screening Program for 170 Commonly Used Pesticide Using the Corrected Rf Value (Rcf Value). *Int j leg med* 104: 25-32.

Chemical of Concern: MLN; Habitat: T

Erickson, R. J. and Mckim, J. M. (1990). A Simple Flow-Limited Model for Exchange of Organic Chemicals at Fish Gills. *Symposium on toxicokinetics, eighth annual meeting of the society of environmental toxicology and*

chemistry, pensacola, florida, usa, november 9-12, 1987. *Environ toxicol chem* 9: 159-166.

Chemical of Concern: MLN; Habitat: A

Erman, M., Yardim, E. N., and Kulaz, H. (2005). Effect of Cultivars and Insecticides on Sitonid Weevil, *Sitona crinitus* (Coleoptera: Curculionidae), and on Yield, Yield Components and Nodulation of Lentil (*Lens culinaris*). *Indian J.Agric.Sci.* 75: 204-206.

EcoReference No.: 90694

Chemical of Concern: OXD,MLN,CPY; Habitat: T; Effect Codes: POP,GRO; Code: OK
TARGET(OXD,CPY),OK TARGET,NO CROP(MLN).

Erney, D. R. and Poole, C. F. (1993). A Study of Single Compound Additives to Minimize the Matrix Induced Chromatographic Response Enhancement Observed in the Gas Chromatography of Pesticide Residues. *Hrc (journal of high resolution chromatography)* 16: 501-503.

Chemical of Concern: MLN; Habitat: T

Erwin, W. J. and Sharpe, R. S. (1978). Effect of Wide Area Ultra Low Volume Application of Malathion on Small Mammal Populations. *Trans.Nebr.Acad.Sci.* 5: 25-28.

EcoReference No.: 39712

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Eskenazi, B., Harley, K., Bradman, A., Weltzien, E., Jewell, N. P., Barr, D. B., Furlong, C. E., and Holland, N. T. (2004). Association of in Utero Organophosphate Pesticide Exposure and Fetal Growth and Length of Gestation in an Agricultural Population. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 112, no. 10, pp. 1116-1124. Jul 2004.

Chemical of Concern: MLN; Habitat: T

Eskenazi, B., Marks, A. R., Bradman, A., Harley, K., Barr, D. B., Johnson, C., Morga, N., and Jewell, N. P. (Organophosphate Pesticide Exposure and Neurodevelopment in Young Mexican-American Children. *Environ health perspect.* 2007, may; 115(5):792-8. [*Environmental health perspectives*]: *Environ Health Perspect.*

Chemical of Concern: MLN; Habitat: T

Espigares, M., Coca, C., Fernandez-Crehuet, M., Moreno, O., Bueno, A., and Galvez, R. (1997). Pesticide Concentrations in the Waters From a Section of the Guadalquivir River Basin, Spain. *Environmental toxicology and water quality* 12: 249-256.

Chemical of Concern: MLN; Habitat: A

Eto, M. (1997). Functions of Phosphorus Moiety in Agrochemical Molecules. *Bioscience biotechnology and biochemistry* 61: 1-11.

Chemical of Concern: MLN; Habitat: T

Ettiene, G., Ortega, S., Sepulveda, J., Medina, D., Buscema, I., and Sandoval, L. (2006). Dissipation of Organophosphorus Pesticides in Green Onion (*Allium fistulosum* L), Cultivated in Forced System Called "Barbacoas". *Bull.Environ.Contam.Toxicol.* 76: 415-421.

EcoReference No.: 88374

Chemical of Concern: PRN,DZ,MLN; Habitat: T; Effect Codes: ACC; Code: NO
ENDPOINT(DZ,PRN,MLN).

European, A. N. D. Mediterranean Plant Protection Organization (1994). Guideline on Good Plant Protection Practice Potato. *Bulletin oep* 24: 825-845.

Chemical of Concern: MLN; Habitat: T

Evans, H. E. and Kyte, W. S. (1993). The Impact of Recent Legislation on the Uk Generation Industry. *Chow, w. And k. K. Connor (ed.). Managing hazardous air pollutants: state of the art* First international conference, washington, d.c., Usa, november 4-6, 1991. Xix+582p. Lewis publishers inc.: Chelsea, michigan, usa. Isbn 0-87371-866-6.; 0: 44-57.

Chemical of Concern: MLN; Habitat: AT

Evans, M. V., Power, F. W., Dary, C. C., Tornero-Velez, R., and Blancato, J. N. (Application of the Exposure Dose Estimating Model (Erdem) to Assessment of Dermal Exposure in the Rat to Malathion. *Toxicologist 2004 mar;78(1-s):416-7: Toxicologist*.

Chemical of Concern: MLO; Habitat: T

Everett, W. R. and Rechnitz, G. A. (1999). Enzyme-Based Electrochemical Biosensors for Determination of Organophosphorous and Carbamate Pesticides. *Analytical letters* 32: 1-10.

Chemical of Concern: MLN; Habitat: AT

Fabritius, K. and Balasescu, M. (1996). Acute Non-Occupational Intoxications With Pesticides in Romania: a Comparative Study From 1988 to 1993. *Toxicology letters (shannon)* 88: 211-214.

Chemical of Concern: MLN; Habitat: T

Fahrig, R. (1974). Comparative Mutagenicity Studies With Pesticides. *IARC Sci.Publ.* 10: 161-181.

Chemical of Concern:

MCPB,CBL,SZ,DQT,MP,Ziram,DMT,PCP,Folpt,Captan,MCPA,MLN,DZ,AND,EN,ES; Habitat: T

Falco, J. W., Brockway, D. L., Sampson, K. L., Kollig, H. P., and Maudsley, J. R. (1975). Models for Transport and Transformation of Malathion in Aquatic Systems.

Chemical of Concern: MLN; Habitat: A

Fan, A. M. and Jackson, R. J. (1989). Pesticides and Food Safety. *Regul toxicol pharmacol* 9: 158-174.

Chemical of Concern: MLN; Habitat: AT

Farkas, I., Desi, I., and Dura, G. (1978). Differences in the Acute and Chronic Neurotoxic Effects of Chlorinated Hydrocarbon, Organophosphate and Carbamate Pesticides. *In: H.J.Zimmerman (Ed.), Adverse Effects of Environmental Chemicals and Psychotropic Drugs: Neurophysiological and Bhaviour Tests, Appleton-Century Crofts, NY* 2: 201-213.

EcoReference No.: 93160

Chemical of Concern: BMY,CBL,DDT,HCCH,MLN,PPX,DDVP; Habitat: T; Effect Codes: BEH,PHY,BCM; Code: NO ENDPOINT(MLN,DDT,HCCH,PPX,CBL,BMY,DDVP),NO COC(PAH).

Farkas, R. and Pap, L. (1996). Susceptibility of *Hydrotaea aenescens* (Wiedemann) (Diptera: Muscidae) to Selected Insecticides and Its Importance in Integrated Fly Management. *Parasitol.Res.* 82: 170-173.

EcoReference No.: 70309

Chemical of Concern: DM,CYP,PMR,BRSM,MOM,PPX,PTP,TCF,MLN,MXC,DDT,HCCH ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CYP,BRSM),OK(ALL CHEMS),TARGET(MLN,MOM).

Fehring, N. V. and Walters, S. M. (1986). Evaluation of Capillary Gas Chromatography for Pesticide and Industrial Chemical Residue Analysis II. Comparison of Quantitative Results Obtained on Capillary and Packed Columns. *J assoc off anal chem* 69: 90-93.

Chemical of Concern: MLN; Habitat: T

Feldhaus, J. M., Feldhaus, A. J., Ace, L. N., and Pope, C. N. (1998). Interactive Effects of Pesticide Mixtures on the Neurobehavioral Responses and AChE Levels of Planaria. In: *E.E.Little, A.J.DeLonay, and B.M.Greenberg (Eds.), Environmental Toxicology and Risk Assessment, 7th Volume, ASTM STP 1333, Philadelphia, PA* 140-150.

EcoReference No.: 59846

Chemical of Concern: 24DXY,CBL,MLN; Habitat: A; Effect Codes: BCM,BEH; Code: NO CONTROL(MLN,CBL,24DXY).

Felkner, I. C. and Worthy, B. E. (1990). Microbiological Detection and Quantitation of Bioactive Compounds in Vegetation Matrix by Laser Light Scattering. *Fourth international symposium on biological and environmental reference materials, orlando, florida, usa, february 5-8, 1990. Fresenius' j anal chem* 338: 489-494.

Chemical of Concern: MLN; Habitat: T

Fendinger, N. J. and Glotfelty, D. E. (1990). Henry's Law Constants for Selected Pesticides, Paks and Pcb's. *Environ toxicol chem* 9: 731-736.

Chemical of Concern: MLN; Habitat: T

Feng, H. T. (1986). Relative Toxicity of Several Insecticides to the Green Peach Aphid and the Turnip Aphid. *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN).]* Vol. 28, no. 2, pp. 163-170. 1986.

Chemical of Concern: MLN; Habitat: AT

Fenske, R. A. (1987). Assessment of Pesticide Applicator Exposure Through Simultaneous Biological Monitoring and Fluorescent Tracer Measurement of Dermal Deposition. *194th american chemical society national meeting, new orleans, louisiana, usa, august 30-september 4, 1987. Abstr pap am chem soc* 194: Ag 114.

Chemical of Concern: MLN; Habitat: T

Fenske, R. A. (1988). Correlation of Fluorescent Tracer Measurements of Dermal Exposure and Urinary Metabolite Excretion During Occupational Exposure to Malathion. *Am ind hyg assoc j* 49: 438-444.

Chemical of Concern: MLN; Habitat: T

Fenske, R. A. (1990). Nonuniform Dermal Deposition Patterns During Occupational Exposure to Pesticides. *Arch environ contam toxicol* 19: 332-337.

Chemical of Concern: MLN; Habitat: T

Fenske, R. A. and Birnbaum, S. G. (1997). Second Generation Video Imaging Technique for Assessing Dermal Exposure (Vita System). *American industrial hygiene association journal* 58: 636-645.

Chemical of Concern: MLN; Habitat: T

Ferhatoglu, Y., Avdiushko, S., and Barrett, M. (2005). The Basis for the Safening of Clomazone by Phorate Insecticide in Cotton and Inhibitors of Cytochrome P450s. *Pestic.Biochem.Physiol.* 81: 59-70.

EcoReference No.: 79339

Chemical of Concern: PRT,CMZ,Zineb,MLN,PBZ; Habitat: T; Effect Codes: BCM; Code: OK(CMZ),NO MIXTURE(PRT,Zineb,MLN).

Fernandez-Alba, A. R., Aguera, A., Contreras, M. , Penuela, G., Ferrer, I., and Barcelo, D. (1998). Comparison of Various Sample Handling and Analytical Procedures for the Monitoring of Pesticides and Metabolites in Ground Waters. *Journal of chromatography a* 823: 35-47.

Chemical of Concern: MLN; Habitat: A

Fernandez-Alba, A. R., Guil, L. H., Lopez, G. D., and Chisti, Y. (2001). Toxicity of Pesticides in Wastewater: A Comparative Assessment of Rapid Bioassays. *Anal.Chim.Acta* 426: 289-301.

User 1 Abbreviation: www.sciencedirect.com (1995-Present)

EcoReference No.: 74540

Chemical of Concern: DZ,DDT,CBL,CBF,MLN,CYR,FMP,FTT,PPM,PAQT; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBF),OK(DDT,CYR,FMP,FTT,PPM,PAQT),NO REVIEW(DZ,CBL,MLN).

Fernandez-Muino, M. A., Sancho, M. T., Muniategui, S., Huidobro, J. F., and Simal-Lozano, J. (1995). Acaricide Residues in Honey: Analytical Methods and Levels Found. *Journal of food protection* 58: 449-454.

Chemical of Concern: MLN; Habitat: AT

Ferrari, Federico, Klein, Michael, Capri, Ettore , and Trevisan, Marco (2005). Prediction of Pesticide Volatilization With Pelmo 3.31. *Chemosphere* 60: 705-713.

Chemical of Concern: MLN; Habitat: T

Ferree, D. C. and Hall, F. R. (1978). Effects of Growth Regulators and Multiple Applications of Pesticides on Net Photosynthesis and Transpiration of Greenhouse-Grown Apple Trees. *J.Am.Soc.Hortic.Sci.* 103: 61-64.

EcoReference No.: 42817

Chemical of Concern: EPH,FO,DCF,PPG,MOM,MLN,DZ,DDVP,RSM,OML,ADC,ES; Habitat: T; Effect Codes: PHY,GRO; Code: LITE EVAL CODED(DZ,MOM,ADC,RSM),NO ENDPOINT,NO CONTROL(PPG,DDVP,ES,MLN,DCF).

Ferreira, J. R. and Silva Fernandes, A. M. (Gas-Liquid Chromatographic Determination of Organophosphorus Insecticide Residues in Fruits and Vegetables. *J assoc off anal chem.* 1980, may; 63(3):517-22. [*Journal - association of official analytical chemists*]: *J Assoc Off Anal Chem.*

Chemical of Concern: MLO; Habitat: T

Ferreira, K. L., Baker, T. K., and Peeper, T. F. (1990). Factors Influencing Winter Wheat (*Triticum aestivum*) Injury from Sulfonylurea Herbicides. *Weed Technol.* 4: 724-730.

EcoReference No.: 89607

Chemical of Concern: CSF,MLN,DMT,EFV; Habitat: T; Effect Codes: PHY,POP,GRO; Code: OK(CSF),NO ENDPOINT(MLN,DMT,EFV).

Ferrer, I. and Barcelo, D. (1998). Lc-Ms Methods for Trace Determination of Pesticides in Environmental Samples. *Analusis* 26: M118-m122.

Chemical of Concern: MLN; Habitat: AT

Ferretti, P. A., Smitley, D. R., Newport, S., and Carlson, W. H. (1991). Greenhouse Phytotoxicity and Residue Study of Insecticides on Bedding and Pot Plants. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience* 26: 750.

Chemical of Concern: MLN; Habitat: T

Ffrench-Constant, R. H. and Bonning, B. C. (Rapid Microtitre Plate Test Distinguishes Insecticide Resistant Acetylcholinesterase Genotypes in the Mosquitoes Anopheles Albimanus, an. Nigerrimus and Culex Pipiens. *Med vet entomol.* 1989, jan; 3(1):9-16. [*Medical and veterinary entomology*]: *Med Vet Entomol.*

Chemical of Concern: MLO; Habitat: T

ffrench-Constant, Richard H. (2007). Which came first: insecticides or resistance? *Trends in Genetics* 23: 1-4.

Chemical of Concern: MLN; Habitat: T

Fiedler, O. G. H. (1965). Notes on the Susceptibility of Millipedes (Diplopoda) to Insecticides. *J.Entomol.Soc.S.Afr.* 27: 219-225.

EcoReference No.: 91344

Chemical of Concern: CBL,CMPH,DDT,HCCH,TXP,CHD,AND,DLD,Naled,MLN,PRN,AZ; Habitat: T; Effect Codes: MOR; Code: OK TARGET(Naled,MLN,AZ).

Field, W. N., Hitchen, J. M., and Rees, A. T. (1984). Esterase Activity in Strains of Aedes Aegypti (Diptera: Culicidae) Tolerant and Susceptible to the Organophosphate Insecticide Malathion. *J.Med.Entomol.* 21: 412-418.

EcoReference No.: 81617

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: TARGET(MLN).

Finizio, A., Vighi, M., and Sandroni, D. (1997). Determination of N-Octanol/Water Partition Coefficient (Kow) of Pesticide Critical Review and Comparison of Methods. *Chemosphere* 34: 131-161.

Chemical of Concern: MLN; Habitat: AT

Finlayson, B. J., Harrington, J. A., Fujimura, R., and Isaac, G. (1993). Identification of Methyl Parathion Toxicity in Colusa Basin Drain Water. *Environ toxicol chem* 12: 291-303.

Chemical of Concern: MLN; Habitat: A

Finlayson-Pitts, B. J. and Pitts, J. N Jr (1997). Tropospheric Air Pollution: Ozone, Airborne Toxics, Polycyclic Aromatic Hydrocarbons, and Particles. *Science (washington d c)* 276: 1045-1052.

Chemical of Concern: MLN; Habitat: AT

Fischer, A. B., Bigalke, B., Herr, C., and Eikmann, T. (1999). Pest Control in Public Institutions. *Toxicology letters (shannon)* 107: 75-80.

Chemical of Concern: MLN; Habitat: T

Fischer-Colbrie, P. (1988). Approved Active Substances for Austrian Fruit Growing and Their Side Effects (Für den Österreichischen Obstbau Genehmigte Wirkstoffe und Ihre Nebenwirkungen auf Nutzlänge). *Pflanzenschutz (Vienna) Spec. Issue* 6: 13-15 (GER).

EcoReference No.: 104068

Chemical of Concern:

TCF,PIM,PSM,PHSL,PMR,MP,PRN,OMT,MVP,MOM,MDT,MLN,FNV,FNTH,FPP,AZ,CBL,CPY,CYF, CYP,DM,DZ,DDVP,DFZ,DMT,ES,FYC; Habitat: AT; Code: NO
FOREIGN(TCF,PIM,PSM,PMR,MP,OMT,MVP,MOM,MDT,MLN,ES,FYC,FNV,FPP,AZ,CBL,CPY,CY F,CYP,DM,DZ,DDVP,DFZ,DMT).

Fisher, G. C., Parsons, G. L., Williams, J., and Eickelberger, J. (1991). Control of European Crane Fly Nesting Pasture, Tillamook, Oreg., 1989 and 1990. *Insecticide Acaricide Tests* 16: 200-201 (93F).

EcoReference No.: 91915

Chemical of Concern: MP,CBL,ACP,CPY,DZ,MLN; Habitat: T; Effect Codes: POP; Code: OK
TARGET(MP,CBL,ACP,CPY,DZ,MLN).

Fisher, S. W., Lydy, M. J., Barger, J., and Landrum, P. F. (1993). Quantitative Structure-Activity Relationships for Predicting the Toxicity of Pesticides in Aquatic Systems with Sediment. *Environ.Toxicol.Chem.* 12: 1307-1318.

EcoReference No.: 7293

Chemical of Concern: ADC,PPX,PRN,MLN,ETN,DDVP,MP,CBF,CBL; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,CBF,ADC),NO
CONTROL(MLN),OK(PPX,PRN,ETN,DDVP,MP).

Fleming, L. E. and Timmeny, W. (1993). Aplastic Anemia and Pesticides: an Etiologic Association? *Journal of occupational medicine* 35: 1106-1116.

Chemical of Concern: MLN; Habitat: T

Flessel, P., Quintana, P. J. E., and Hooper, K. (1993). Genetic Toxicity of Malathion: a Review. *Environmental and Molecular Mutagenesis. Vol. 22, no. 1, pp. 7-17. 1993.*

Chemical of Concern: MLN; Habitat: T

Flipo, Denis, Bernier, Jacques, Girard, Denis, Krzystyniak, Krzysztof, and Fournier, Michel (1992). Combined Effects of Selected Insecticides on Humoral Immune Response in Mice. *International Journal of Immunopharmacology* 14: 747-752.

Chemical of Concern: MLN; Habitat: T

Floore, T. G., Rathburn, C. B. Jr., Boike, A. H. Jr., Coughlin, J. S., and Greer, M. J. (1992). Comparison of the Synthetic Pyrethroids Esbiothrin and Bioresmethrin with Scourge and Cythion Against Adult Mosquitoes in a Laboratory Wind Tunnel. *J.Am.Mosq.Control Assoc.* 8: 58-60.

EcoReference No.: 69764

Chemical of Concern: BRSM,RSM,MLN,PYT,ATN; Habitat: T; Effect Codes: MOR; Code: LITE
EVAL CODED(ATN),OK(PYT),OK TARGET(MLN,RSM,BRSM).

Fodor-Csorba, K. (1992). Chromatographic Methods for the Determination of Pesticides in Foods. *J chromatogr* 624: 353-367.

Chemical of Concern: MLN; Habitat: AT

Fogarty, A. M. and Tuovinen, O. H. (1991). Microbiological Degradation of Pesticides in Yard Waste Composting. *Microbiol rev* 55: 225-233.

Chemical of Concern: MLN; Habitat: T

Folmar, L. C. (1993). Effects of Chemical Contaminants on Blood Chemistry of Teleost Fish a Bibliography and Synopsis of Selected Effects. *Environ toxicol chem* 12: 337-375.

Chemical of Concern: MLN; Habitat: A

Font, G., Manes, J., Molto, J. C., and Pico, Y. (1993). Solid-Phase Extraction in Multi-Residue Pesticide Analysis of Water. *J chromatogr* 642: 135-161.

Chemical of Concern: MLN; Habitat: A

Font, Guillermina, Juan-GarcØa, Ana, Fernßndez, Monica, and Ruiz, MarØa Jose (2008-). In vitro effect of organophosphate pesticides, Malathion and chlorpyrifos, on lipid peroxidation and antioxidant enzymes. *Toxicology Letters* 180: S103-S104.

Chemical of Concern: MLN; Habitat: AT

Forrester, D. J., Davidson, W. R., Lange, R. E Jr, Stroud, R. K., Alexander, L. L., Franson, J. C., Haseltine, S. D., Littell, R. C., and Nesbitt, S. A. (1997). Winter Mortality of Common Loons in Florida Coastal Waters. *Journal of wildlife diseases* 33: 833-847.

Chemical of Concern: MLN; Habitat: T

Forsythe, H. Y. Jr. and Collins, J. A. (1987). Blueberry, Flea Beetle Adult Control, 1986. *Insectic.Acaric.Tests* 12: 77 (No. 071).

EcoReference No.: 88737

Chemical of Concern: PSM,MLN,MXC,CBL,CPY,EFV; Habitat: T; Effect Codes: POP; Code: OK(PSM,MXC,CPY),OK TARGET(EFV,MLN,CBL).

Foster, G. D., Foreman, W. T., and Gates, P. M. (Performance of the Goulden Large-Sample Extractor in Multiclass Pesticide Isolation and Preconcentration From Stream Water.

Chemical of Concern: MLN; Habitat: A

Foster, G. D., Gates, P. M., Foreman, W. T., Mckenzie, S. W., and Rinella, F. A. (1993). Determination of Dissolved-Phase Pesticides in Surface Water From the Yakima River Basin, Washington, Using the Goulden Large-Sample Extractor and Gas Chromatography/Mass Spectrometry. *Environ sci technol* 27: 1911-1917.

Chemical of Concern: MLN; Habitat: AT

Foster, G. D. and Lippa, K. A. (1996). Fluvial Loadings of Selected Organonitrogen and Organophosphorus Pesticides to Chesapeake Bay. *Journal of agricultural and food chemistry* 44: 2447-2454.

Chemical of Concern: MLN; Habitat: A

Foster, T. S. (1968). Effect of Some Pesticides on the Adrenal Glands in the Rat. *Can.J.Biochem.* 46: 1115-1120.

EcoReference No.: 65795

Chemical of Concern: DLD,DDT,MLN; Habitat: T; Effect Codes: BCM,GRO; Code: NO

ENDPOINT(MLN,DDT,DLD)//OK Coded DJG//.

Foster, T. S. (Physiological and Biological Effects of Pesticide Residues in Poultry. *Residue rev.* 1974, 51() 69-121.

Chemical of Concern: MLO; Habitat: T

Foulk, J. D. and Matthysse, J. G. (1963). Experiments on Control of the Northern Fowl Mite. *J.Econ.Entomol.* 56: 321-326.

EcoReference No.: 91384

Chemical of Concern: MLN,CBL,DZ,Naled,DDVP; Habitat: T; Effect Codes: POP,MOR; Code: NO
ENDPOINT(MLN,CBL,DZ,Naled).

Fox, J. E., Starcevic, M., Jones, P. E., Burow, M. E., and McLachlan, J. A. (2004). Phytoestrogen Signaling and Symbiotic Gene Activation are Disrupted by Endocrine-Disrupting Chemicals. *Environ.Health Perspect.* 112: 672-677.

Chemical of Concern:

PAH,PCB,NYP,VCL,ACO,ACR,MTL,ATZ,TFN,PDM,24D,DZ,CBF,DLD,DDT,PCP,MP,HCCH,DCF,M
LN,TXP,MTPN,ES,MXC,AND; Habitat: A; Code: NO SPECIES(PCB),NO BACTERIA(ALL CHEMS).

Fragoso, D. B., Guedes, R. N. C., and Rezende, S. T. (2003). Glutathione S-Transferase Detoxification as a Potential Pyrethroid Resistance Mechanism in the Maize Weevil, *Sitophilus zeamais*. *Entomol.Exp.Appl.* 109: 21-29.

EcoReference No.: 81990

Chemical of Concern: CYP,DM,PMR,CPYM,MLN,PIRM; Habitat: T; Effect Codes: BCM; Code:
TARGET MLN.

Francoeur, S. N., Biggs, B. J. F., and Lowe, R. L. (1999). Inhibition of Algae and Invertebrates by Malathion from Insecticide-Diffusing Substrata. *J.Freshw.Ecol.* 14: 179-186.

EcoReference No.: 20383

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Frank, R., Braun, H. E., Clegg, B. S., Ripley, B. D., and Johnson, R. (1990). Survey of Farm Wells for Pesticides Ontario Canada 1986 and 1987. *Bull environ contam toxicol* 44: 410-419.

Chemical of Concern: MLN; Habitat: A

Frank, R., Braun, H. E., Ishida, K., and Suda, P. (1976). Persistent Organic and Inorganic Pesticide Residues in Orchard Soils and Vineyards of Southern Ontario. *Can.J.Soil Sci.* 56: 463-484.

Chemical of Concern:

TVP,PSM,PHSL,PRN,MVP,MLN,Cu,CuS,Pb,ZnS,FBM,MZB,Maneb,Zineb,Captan,DDT,DCF,ES,EN,Fol
pet,DLD,MXC,DEM,DZ,DMT,ETN; Habitat: T

Frank, R., Braun, H. E., and Ripley, B. D. (1990). Residues of Insecticides and Fungicides on Ontario-Grown Vegetables, 1986-1988. *Food addit contam* 7: 545-554.

Chemical of Concern: MLN; Habitat: T

Frank, R., Braun, H. E., Ripley, B. D., and Pitblado, R. (1991). Residues of Nine Insecticides and Two Fungicides in Raw and Processed Tomatoes. *J.Food Prot.* 54: 41-46.

Chemical of Concern: MLN,CTN; Habitat: T; Code: NO CROP(MLN).

Frank, R. and Logan, L. (1988). Pesticide and Industrial Chemical Residues at the Mouth of the Grand Saugeen and Thames Rivers Ontario Canada 1981-1985. *Arch environ contam toxicol* 17: 741-754.

Chemical of Concern: MLN; Habitat: AT

Frank, R., Logan, L., and Clegg, B. S. (1991). Pesticide and Polychlorinated Biphenyl Residues in Waters at the Mouth of the Grand, Saugeen, and Thames Rivers, Ontario, Canada, 1986-1990. *Arch environ contam toxicol* 21: 585-595.

Chemical of Concern: MLN; Habitat: A

Frank, R., Ripley, B. D., Braun, H. E., Clegg, B. S., Johnston, R., and O'Neill, T. J. (1987). Survey of Farm Wells for Pesticides Residues Southern Ontario Canada 1981-1982 1984. *Arch environ contam toxicol* 16: 1-8.

Chemical of Concern: MLN; Habitat: A

Frankenberger, jr W. T. and Tabatabai, M. A. (1991). Factors Affecting -Glutaminase Activity in Soils. *Soil Biology and Biochemistry* 23: 875-879 .

Chemical of Concern: MLN; Habitat: T

Frawley, J. P., Fuyat, H. N., Hagan, E. C., Blake, J. R., and Fitzhugh, O. G. (1957). Marked Potentiation in Mammalian Toxicity from Simultaneous Administration of Two Anticholinesterase Compounds. *J.Pharmacol.Exp.Ther.* 121: 96-106.

EcoReference No.: 72717

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Frear, D. E. H. and Boyd, J. E. (1967). Use of Daphnia magna for the Microbioassay of Pesticides. I. Development of Standardized Techniques for Rearing Daphnia and Preparation of Dosage-Mortality Curves for Pesticides. *J.Econ.Entomol.* 60: 1228-1236.

EcoReference No.: 2820

Chemical of Concern:

FBM,PPHD,Zineb,DEM,TXP,DOD,PRO,ATZ,HPT,ETN,AND,Naled,PRT,MP,NaDC,Ziram,THM,Captan,MLN,DCF,AZ,HPT,MXC,DMT,DDT,TCF,CMPH,PRN,HCCH,DLN,EN,ES,MTAS; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(MTAS,AZ,PRO,ATZ,DMT,DOD,PRT),NO CONTROL(Naled,Captan,MLN),OK(ALL CHEMS).

Fredeen, F. J. H. (1972). Reactions of the Larvae of Three Rheophilic Species of Trichoptera to Selected Insecticides. *Can.Entomol.* 104: 945-953.

EcoReference No.: 2822

Chemical of Concern: DZ,MLN,DDT,MXC; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(DDT,DZ,MXC).

Freedman, B. (1989). Environmental Ecology the Impacts of Pollution and Other Stresses on Ecosystem Structure and Function. *Freedman, b. Environmental ecology: the impacts of pollution and other stresses on ecosystem structure and function. X+424p. Academic press, inc.: San diego, california, usa London, england, uk. Illus. Maps. Isbn 0-12-266540-6.; 0: X+424p.*

Chemical of Concern: MLN; Habitat: AT

Freemark, K. and Boutin, C. (1995). Impacts of Agricultural Herbicide Use on Terrestrial Wildlife in Temperate Landscapes: a Review With Special Reference to North America. *Agriculture ecosystems & environment* 52: 67-91.

Chemical of Concern: MLN; Habitat: T

Friend, M. and Abel, J. H. Jr. (1976). Inhibition of Mallard Salt Gland Function by DDE and Organophosphates. *In: Proc.3rd Int.Wildl.Dis.Conf., Wildl.Dis.:* 261-269.

EcoReference No.: 101450

Chemical of Concern: MLN,DLD,PCB,Hg,CBL,DCTP,PRN,DDT; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,DCTP),NO ENDPOINT(MLN).

Probe, Z., Drevenkar, V., Stengl, B., and Stefanac, Z. (1988). Oxygen-Flask Combustion of Accumulated Organophosphorus Pesticides for Monitoring Water Pollution. *Analytica Chimica Acta* 206: 313-332.

Chemical of Concern: MLN; Habitat: A

Fry, D. M., Nieberg, P. S., Stinnett, H., and Wilson, B. W. (Growth and Metabolism of Chick Embryo Muscle Cultures. Inhibition With Malathion and Other Organophosphorus Compounds. *Arch. Environ. Health* ; 26(2): 93-99; 1973 ; (ref:38).

Chemical of Concern: MLO; Habitat: T

Fu, Y. F., Han, Y. Z., Zhao, D. G., and Meng, F. J. (2000). Zearalenone and Flower Bud Formation in Thin-Cell Layers of Nicotiana Tabacum L. *Plant Growth Regulation*, 30 (3) pp. 271-274, 2000.

Chemical of Concern: MLN; Habitat: T

Fuchs, T. W. and Shelton, M. (1985). Effectiveness of New Methods of Biting Lice Control on Angora Goats. *Southwest.Entomol.* 10: 15-19.

EcoReference No.: 89193

Chemical of Concern: FNTH,CPY,FNV,PMR,MLN; Habitat: T; Effect Codes: POP; Code: OK(FNTH,FNV),OK TARGET(CPY,PMR,MLN).

Fukuto, T. R. (1983). Toxicological Properties of Trialkyl Phosphorothioate and Dialkyl Alkyl- and Arylphosphonothioate Esters. *J.Environ.Sci.Health Part B* 18B: 89-117 .

EcoReference No.: 90705

Chemical of Concern: ACP,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL,NO ENDPOINT(ACP,MLN).

Fukuto, T. R., Keadtisuke, S., and Dheranetra, W. (Mode of Delayed Toxicity of 0 0 S Trimethylphosphorothioate and Related Compounds. *196th american chemical society national meeting, los angeles, california, usa, september 25-30, 1988. Abstr pap am chem soc; 196 (0). 1988. Agro 23. Ab - biosis copyright: biol abs. Rrm abstract rat malathion phenthoate insecticides impurities kidney tubular damage.*

Chemical of Concern: MLN; Habitat: T

Fuller, B. W. and Boetel, M. A. (1998). Grasshopper Control in Winter Wheat in Eastern South Dakota, 1997. *Arthropod Manag.Tests* 23: 309.

EcoReference No.: 90652

Chemical of Concern: MLN,FPN,CPY,SS; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,FPN,CPY).

Fung, V. A., Huff, J., Weisburger, E. K., and Hoel, D. G. (1993). Predictive Strategies for Selecting 379 Nci Chemicals Evaluated for Carcinogenic Potential: Scientific and Public Health Impact. *Fundam appl toxicol* 20: 413-436.

Chemical of Concern: MLN; Habitat: T

Funk, W., Cleres, L., Pitzer, H., and Donnevert, G. (1989). Organophosphorus Insecticides: Quantitative Hptlc Determination and Characterization. *J planar chromatogr mod tlc* 2: 285-289.

Chemical of Concern: MLN; Habitat: AT

Futagami, K., Tanaka, N., Nishimura, M., Tateishi, H., Aoyama, T., and Oishi, R. (1996). Relapse and Elevation of Blood Urea Nitrogen in Acute Fenitrothion and Malathion Poisoning. *International journal of clinical pharmacology and therapeutics* 34: 453-456.

Chemical of Concern: MLN; Habitat: T

Fytianos, K., Samanidou, V., UNEP Mediterranean Action Plan, Athens (Greece), and FAO, Rome Italy (1991). Study of the Biogeochemical Cycle of Organophosphorus Pesticides in Thermaikos Gulf, Greece.

Chemical of Concern: MLN; Habitat: A

Gaaboub, I. A. and Abu-Hashish, T. A. (1981). Susceptibility of Egyptian Culex pipiens L. to Six Synthetic Pyrethroids. *Insect Sci.Appl.* 1: 297-301.

EcoReference No.: 14708

Chemical of Concern: RSM,DDT,PYT,CYP,ATN,MLN; Habitat: A; Effect Codes: MOR; Code: NO DURATION(RSM,ATN,PMR),NO CONTROL(DDT,MLN).

Gaaboub, I. A., El-Gayar, F. M., and Helal, E. M. (1975). Comparative Bioassay Studies on Larvae of Culex pipiens and the Microcrustacean Daphnia magna. *Bull.Entomol.Soc.Egypt, Econ.Ser.* 9: 77-84.

EcoReference No.: 15291

Chemical of Concern: CBL,MLN,DDT; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN),OK(DDT).

Gaaboub, I. A., Rawash, I. A., Tag-el-Din, A., and Hassanein, M. A. T. (1981). Joint Action of Six Herbicides with Malathion Against Mosquito Larvae of Culex pipiens L. *Toxicology* 20: 61-70.

EcoReference No.: 14500

Chemical of Concern: TBC,TFN,ODZ,PPN; Habitat: A; Effect Codes: MOR; Code: NO COC(MLN),OK(TBC,TFN,ODZ,PPN).

Gabriel, D., Calcagnolo, G., Louzada, R. M., Tancini, R., and Padovan, M. A. (1990). Chemical Control of the Boll Weevil Anthonomus grandis Boheman, 1843 (Coleoptera: Curculionidae) Under Field Conditions. *An.Soc.Entomol.Bras.* 19: 329-344 (SPA) (ENG ABS).

EcoReference No.: 95441

Chemical of Concern: CYP,PSM,ES,AZ,MLN; Habitat: T; Code: NO FOREIGN(CYP,PSM,AZ,MLN).

Gabrielides, G. P. (1995). Pollution of the Mediterranean Sea. *Water science and technology* 32: 1-10.

Chemical of Concern: MLN; Habitat: A

Gahukar, R. T. (1991). Control of Cotton Insect and Mite Pests in Subtropical Africa: Current Status and Future

Needs. *Insect sci appl* 12: 313-338.

Chemical of Concern: MLN; Habitat: T

Gahukar, R. T. (1991). Recent Developments in Sorghum Entomology Research. *Evans, k. (Ed.). Agricultural zoology reviews, vol. 4. Xii+266p. Intercept ltd.: Andover, england, uk. Illus. Isbn 0-946707-31-6. 0: 23-65.*

Chemical of Concern: MLN; Habitat: T

Gaines, T. B. (1969). Acute Toxicity of Pesticides. *Toxicol.Appl.Pharmacol.* 14: 515-534 .

EcoReference No.: 36729

Chemical of Concern:

AND,CHD,DDT,DLDD,ES,EN,HPT,HCCH,TXP,DZ,PRN,As,Cu,CBL,NAPH,PAH,PCP,CN,PQT,PPB,PPHD,Zineb,MRX,ABT,DMT,DS,FNT,PSM,Naled,OXD,THM,HCCH,MLN,MP,FPN,ETN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Galindo Reyes, J. G., Guerrero Ibarra, M. A., Villagrana Lizarraga, C., Medina Jasso, A., and Munoz Rubi, H. A. (1994). (Effects of Pesticides Pollution on Penaeid Shrimps of Sinaloa, Mexico). *Cienc. Mar (Mazatlan). Vol. 1, no. 13, pp. 34-38. 1994.*

Chemical of Concern: MLN; Habitat: AT

Gallicchio, V. S., Casale, G. P., and Watts, T. (Inhibition of Human Bone Marrow-Derived Stem Cell Colony Formation (Cfu-E, Bfu-E, and Cfu-Gm) Following in Vitro Exposure to Organophosphates. *Exp hematol. 1987, dec; 15(11):1099-102. [Experimental hematology]: Exp Hematol.*

Chemical of Concern: MLO; Habitat: T

Galloway, S. M., Armstrong, M. J., Reuben, C., Colman, S., Brown, B., Cannon, C., Bloom, A. D., Nakamura, F., Ahmed, M. and others (1987). Chromosome Aberrations and Sister Chromatid Exchanges in Chinese Hamster Ovary Cells Evaluations of 108 Chemicals. *Environ mol mutagen* 10: 1-175.

Chemical of Concern: MLN; Habitat: T

Galloway, T. and Handy, R. (2003). Immunotoxicity of Organophosphorous Pesticides. *Ecotoxicology [Ecotoxicology]. Vol. 12, no. 1-4, pp. 345-363. Feb-Aug 2003.*

Chemical of Concern: MLN; Habitat: T

Gamboa, W. and Pohlan, J. (Strategies of Integrated Plant Protection for the Sustainable Cultivation of Chayote *Sechium Edule* Jacq. Schwartz in the Valley of Ujarras-Costa Rica. *Laux, w. (Ed.). Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 321; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 321); 50th german meeting on plant protection, muenster, germany, september 23-26, 1996. Lx+662p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3126-5.; 0 (321). 1996. 591.*

Chemical of Concern: MLN; Habitat: T

Gandrass, J., Bormann, G., and Wilken, R. D. (1995). N-P-Pesticides in the Czech and Germ Part of the River Elbe- Analytical Methods and Trends of Pollution. *Fresenius' journal of analytical chemistry* 353: 70-74.

Chemical of Concern: MLN; Habitat: A

Ganendran, A. and Balabaskaran, S. (Reactivation Studies on Organophosphate Inhibited Human Cholinesterases

by Pralidoxime (P-2-Am). *Southeast asian j trop med public health*. 1976, sep; 7(3):417-23. [The southeast asian journal of tropical medicine and public health]: Southeast Asian J Trop Med Public Health.

Chemical of Concern: MLO; Habitat: T

Ganguly, S. S., Dutta Gupta, K. K., and Dutta, P. K. (1994). Evaluation of Susceptibility Status of Culex quinquefasciatus Larvae to Few Organophosphorus Insecticides Based on Logistic Regression Analysis. *Indian J.Public Health* 38: 8-13.

Chemical of Concern: MLN,TMP,FNTH,DDVP,FNT; Habitat: A; Code: NO DURATION.

Ganyard, M. C. Jr. and Brazzel, J. R. (1967). Phosphate Insecticides and Defoliants Applied Singly and in Combination for Control of Boll Weevils. *J.Econ.Entomol.* 60: 1027-1029.

EcoReference No.: 93266

Chemical of Concern: AZ,MP,TBF,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TBF,TARGET-AZ,MP,MLN).

Gao, J. R., Rao, J. V., Wilde, G. E., and Zhu, K. Y. (Purification and Kinetic Analysis of Acetylcholinesterase From Western Corn Rootworm, Diabrotica Virgifera Virgifera (Coleoptera: Chrysomelidae). *Arch insect biochem physiol*. 1998; 39(3):118-25. [Archives of insect biochemistry and physiology]: Arch Insect Biochem Physiol.

Chemical of Concern: MLO; Habitat: T

Gao, J. R., Yoon, K. S., Frisbie, R. K., Coles, G. C., and Clark, J. M. (2006). Esterase-Mediated Malathion Resistance in the Human Head Louse, Pediculus capitis (Anoplura: Pediculidae). *Pestic.Biochem.Physiol.* 85: 28-37.

EcoReference No.: 98906

Chemical of Concern: TBF,PPB,PMR,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(PMR,MLN),NO MIXTURE(TBF,PPB).

Garaj-Vrhovac, Vera and Zeljezic, Davor (2001). Cytogenetic Monitoring of Croatian Population Occupationally Exposed to a Complex Mixture of Pesticides. *Toxicology* 165: 153-162.

Chemical of Concern: MLN; Habitat: T

Garces-Garcia, Marta, Brun, Eva M., Puchades, Rosa, and Maquieira, Angel (2006). Immunochemical Determination of Four Organophosphorus Insecticide Residues in Olive Oil Using a Rapid Extraction Process. *Analytica Chimica Acta* 556: 347-354.

Chemical of Concern: MLN; Habitat: T

Garcia, A. M., Benavides, F. G., Fletcher, T., and Orts, E. (1998). Paternal Exposure to Pesticides and Congenital Malformations. *Scandinavian journal of work environment & health* 24: 473-480.

Chemical of Concern: MLN; Habitat: T

Garcia, M. A., Melgar, M. J., and Fernandez, M. I. (1994). Evidence for the Safety of Coumaphos, Diazinon and Malathion Residues in Honey. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]*. Vol. 36, no. 5, pp. 429-432. 1994.

Chemical of Concern: MLN; Habitat: T

Garcia-Repetto, R., Martinez, D., and Repetto, M. (1995). Malathion and Dichlorvos Toxicokinetics After the Oral Administration of Malathion and Trichlorfon. *Vet.Hum.Toxicol.* 37: 306-309.

EcoReference No.: 88980

Chemical of Concern: MLN,DDVP; Habitat: T; Effect Codes: CEL,ACC; Code: NO CONTROL(MLN,DDVP).

Gardner, M. J., Dobson, J. E., Griffiths, A. H., Jessep, M. A., and Ravenscroft, J. E. (1997). An Overview of the UK National Marine Analytical Quality Control (Nmaq) Scheme and Its Links With Quasimeme. *Marine pollution bulletin* 35: 125-132.

Chemical of Concern: MLN; Habitat: A

Garten, C. T. and Trabalka, J. R. (1983). Evaluation of Models for Predicting Terrestrial Food Chain Behavior of Xenobiotics. *Environ.Sci.Technol.* 17: 590-595.

Chemical of Concern:

DZ,ADC,AND,AZ,BMY,HCCH,CBL,CHD,CPY,CPYM,CMPH,DDT,DMB,DLD,DMT,DU,ES,EN,ETN, MLN,MTZ,MXC,MRX,PPHD,PCL,TDZ,TXP,TPR,TFL,PCB; Habitat: AT

Gaufin, A. R., Jensen, L., and Nelson, T. (1961). Bioassays to Determine Pesticide Toxicity to Aquatic Invertebrates. *Water Sewage Works* 108: 355-359.

EcoReference No.: 2161

Chemical of Concern: MLN,DDT,PRN; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL(ALL CHEMS).

Gaughan, L. C., Engel, J. L., and Casida, J. E. (1980). Pesticide Interactions: Effects of Organophosphorus Pesticides on the Metabolism, Toxicity, and Persistence of Selected Pyrethroid Insecticides. *Pestic.Biochem.Physiol.* 14: 81-85.

EcoReference No.: 89315

Chemical of Concern: PMR,DEF,PFF,SPS,CYP,FNV,MLN,AZ,MP,ACP,CBL,MOM; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(MOM,MP),OK(ALL CHEMS),NO MIXTURE(FNV,MLN,CYP,PMR).

Gaultney, L. D., Howard, K. D., and Mulrooney, J. E. (Off-Target Drift With Air-Assisted Agricultural Sprayers. *Hopkinson, m. J., H. M. Collins and g. R. Goss (ed.). Astm stp, 1312. Pesticide formulations and applications systems: 16th volume; sixteenth symposium on pesticide formulations and application systems, norfolk, virginia, usa, november 14-15, 1995. Viii+216p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2035-4.; 0 (1312). 1996. 104-113.*

Chemical of Concern: MLN; Habitat: T

Gautam, R. D. and Kataria, B. S. (Feasibility of Mass-Multiplication of White Tailed Mealy Bug Ferrisia-Virgata Cockerell Pseudococcidae Homoptera Its Parasitoid-Predator Complex Together With Bibliography. *J entomol res (new delhi); 10 (1). 1986 (recd. 1987). 1-18.*

Chemical of Concern: MLN; Habitat: T

Gavat, V., Alexa, L., and Melinte, C. (1976). Studies on the Immunobiologic Reactivity as an Indicator for the Evaluation of Disturbances in the Balance Between the Organism and the Environment (Cercetari cu Privire la Reactivitatea Imunobiologica ca Indicator de Apreciere a Perturbarii Interrelatiilor Organism-Mediu). *Igiena* 25: 307-311 (ROM) (ENG ABS).

EcoReference No.: 103403

Chemical of Concern: TCF,MLO; Habitat: T; Code: NO FOREIGN(TCF,MLO).

Gayathri, V. and Murthy, P. B. (2006). Reduced Susceptibility to Deltamethrin and KDR Mutation in Anopheles stephensi Liston, a Malaria Vector in India. *J.Am.Mosq.Control Assoc.* 22: 678-688.

EcoReference No.: 99907

Chemical of Concern: DM,PMR,LCYT,CYF,MLN,DDT,PPX; Habitat: AT; Effect Codes: MOR,CEL; Code: TARGET(PMR,MLN).

Geiger, C. P. and Calabrese, E. J. (1985). The Effects of Five Widely Used Pesticides on Erythrocytes of the Dorset Sheep, an Animal Model With Low Erythrocyte Glucose-6-Phosphate Dehydrogenase (G-6-Pd) Activity. *J. ENVIRON. SCI. HEALTH, PART A. Vol. A20, no. 5, pp. 521-527. 1985.*

Chemical of Concern: MLN; Habitat: T

Gelardi, R. C. and Mountford, M. K. (1993). Infant Formulas Evidence of the Absence of Pesticide Residues. *Meeting of the american industrial health council on the domestic agenda for risk assessment, washington, d.c., Usa, december 1, 1992. Regul toxicol pharmacol* 17: 181-192.

Chemical of Concern: MLN; Habitat: T

Geno, P. W., Camann, D. E., Harding, H. J., Villalobos, K., and Lewis, R. G. (1996). Handwipe Sampling and Analysis Procedure for the Measurement of Dermal Contact With Pesticides. *Archives of environmental contamination and toxicology* 30: 132-138.

Chemical of Concern: MLN; Habitat: T

Gentile, A. G. and Gallagher, K. J. (1972). Pollen Germination and Tube Elongation in Petunia Inhibited or Reduced by Commercial Formulations of Pesticides In Vitro. *J.Econ.Entomol.* 65: 488-491.

EcoReference No.: 91381

Chemical of Concern:

TCF,PRN,Naled,MXC,MOM,MLN,FNF,DINO,AZ,BMY,Captan,CBL,CBF,DDT,DZ,DDVP,DMT,DCF,E S,PSM; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT(ALL CHEMS).

George, V. and Patel, J. R. (1992). Mint Mentha-Spicata a Promising Botanical Protectant for Green Gram Against Pulse Beetle Callosobruchus-Analis F. *Indian j plant prot* 20: 66-69.

Chemical of Concern: MLN; Habitat: T

Georghiou, G. P., Gillies, P. A., and Womeldorf, D. J. (1969). Culex tarsalis Coquillett: Detection of Resistance to Parathion, Methyl Parathion, Fenthion, Dursban, and Abate in a Malathion-Resistant Population. *Calif.Vector Views* 16: 115-118.

EcoReference No.: 62411

Chemical of Concern: ABT,PRN,MP,CPY,MLN; Habitat: AT; Effect Codes: MOR; Code: TARGET MLN,MP.

Gera, R. and Gupta, D. S. (1978). Potentiation of Malathion by Other Insecticides Against Musca domestica. *Pestic.Sci.* 9: 151-154.

Chemical of Concern: DS, MLN; Habitat: T; Code: TARGET (DS,MLN).

Gerba, C. P. (1996). Principles of Toxicology. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-

550660-0.; 0: 323-344.

Chemical of Concern: MLN; Habitat: AT

Gertig, H. (1981). Effect of Some Pesticides on Formation of Beta -Carotene. *Bromatologia i Chemia Toksykologiczna [BROMATOL. CHEM. TOKSYKOL.]*. Vol. 14, no. 3&4, pp. 259-264. 1981.

Chemical of Concern: MLN; Habitat: AT

Getenga, Z. M., Jondiko, J. I. O., and Wandiga, S. O. (2000). The Dissipation and Degradation of Methoxy-Superior 1 Superior 4c Malathion in Soil Under Tropical Conditions. *Toxicological and Environmental Chemistry*, 77 (3-4) pp. 229-240, 2000.

Chemical of Concern: MLN; Habitat: AT

Getenga, Z. M., Jondiko, J. I. O., Wandiga, S. O., and Beck, E. (2000). Dissipation Behavior of Malathion and Dimethoate Residues from the Soil and Their Uptake by Garden Pea (*Pisum sativum*). *Bull.Environ.Contam.Toxicol.* 64: 359-367.

EcoReference No.: 45563

Chemical of Concern: DMT,MLN; Habitat: T; Effect Codes: ACC,PHY; Code: NO
ENDPOINT,CONTROL(DMT,MLN).

Getenga, Z. M., Jondiko, J. I. O., Wandiga, S. O., and Beck, E. (2000). The Dissipation of Malathion and Dimethoate from the Pea Plants (*Pisum sativum*) Under Controlled Conditions. *Toxicol.Environ.Chem.* 77: 219-228.

Chemical of Concern: MLN; Habitat: T; Code: NO CROP(MLN).

Ghadiri, M., Greenwood, D. A., and Binns, W. (1967). Feeding of Malathion and Carbaryl to Laying Hens and Roosters. *Toxicol.Appl.Pharmacol.* 10: 392 (ABS).

Chemical of Concern: CBL,MLN; Habitat: T; Code: NO ABSTRACT(MLN,CBL).

Ghadiri, N. and Greenwood, D. A. (1966). Toxicity and Biological Effects of Malathion, Phosdrin and Sevin in the Chick Embryo . *Toxicol.Appl.Pharmacol.* 8: 342 (ABS).

Chemical of Concern: MLN; Habitat: T; Code: NO ABSTRACT(MLN).

Ghezal, F. and Bennaceur, M. (Studies on Residues of 14c Malathion in Soils. *Govt reports announcements & index (gra&i)*, issue 05, 2092.

Chemical of Concern: MLN; Habitat: T

Ghezal, F., Miloudi, M. E. A., Bennaceur, M., and Zayed, S. M. A. (1997). Behaviour of Superior 1 Superior 4c-Malathion in North African Soils. *Analyst*, 122 (8) pp. 859-862, 1997.

Chemical of Concern: MLN; Habitat: T

Ghiasuddin, S. M. (1964). Sex Susceptibility of the House Fly (*Musca domestica* F.) to Different Insecticides. In: *S.K.Majunder (Ed.), Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 50-53.

EcoReference No.: 39921

Chemical of Concern: TXP,EN,HPT,MLN; Habitat: T; Effect Codes: MOR; Code: NO

CONTROL(MLN).

Ghorpade, S. A., Patil, N. M., Thakur, S. G., and Shinde, Y. M. (1994). Control of Aphids and Helicoverpa armigera on Safflower . *J.Maharashtra Agric.Univ.* 19: 206-208 .

EcoReference No.: 91611

Chemical of Concern: PHSL,ES,MP,FNV,DMT,CPY,DCM,CYP,MLN; Habitat: T; Effect Codes: POP,REP; Code: NO ENDPOINT(ALL CHEMS).

Ghosh, R. and Dutta, J. (1985). Malathion Toxicity in Air-Breathing Catfish Singhi (Heteropneustes fossilis Bloch). *Indian J.Fish.* 32: 447-452.

EcoReference No.: 89236

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC,MOR,REP,CEL; Code: NO ENDPOINT(MLN).

Gifford, J. S., Buckland, S. J., Judd, M. C., Mcfarlane, P. N., and Anderson, S. M. (1996). Pentachlorophenol (Pcp), Pcdf, Pcdf and Pesticide Concentrations in a Freshwater Lake Catchment. *Chemosphere* 32: 2097-2113.

Chemical of Concern: MLN; Habitat: A

Giga, D. P. and Zvoutete, P. (1990). The Evaluation of Different Insecticides for the Protection of Maize Against Some Stored Product Pests. *Int.Pest Control* 32: 10-13.

EcoReference No.: 89283

Chemical of Concern: MLN,DM,PIRM,CPYM,FNT,BDC; Habitat: T; Effect Codes: POP,MOR,PHY; Code: OK(ALL CHEMS),OK TARGET(MLN).

Giles, R. H. Jr. (1970). The Ecology of a Small Forested Watershed Treated With the Insecticide Malathion-S35. *Wildl.Monogr.* 24: 81.

Chemical of Concern: MLN; Habitat: T

Gillespie, A. M. and Walters, S. M. (1986). High-Performance Silica Column Fractionation of Pesticides and Polychlorinated Biphenyls From Butterfat. *J liq chromatogr* 9: 2111-2142.

Chemical of Concern: MLN; Habitat: T

Gillespie, A. M. and Walters, S. M. (1991). Rapid Clean-up of Fat Extracts for Organophosphorus Pesticide Residue Determination Using Carbon-18 Solid-Phase Extraction Cartridges. *Anal chim acta* 245: 259-266.

Chemical of Concern: MLN; Habitat: AT

Gillespie, A. M. and Walters, S. M. (1989). Semi-Preparative Reverse Phase Hplc Fractionation of Pesticides From Edible Fats and Oils. *J liq chromatogr* 12: 1687-1704.

Chemical of Concern: MLN; Habitat: AT

Gilliom, R. J., Barbash, J. E., Kolpin, D. W., and Larson, S. J. (1999). Testing Water Quality for Pesticide Pollution: U.s. Geological Survey Investigations Reveal Widespread Contamination of the Nation's Water Resources. *Environmental science & technology* 33: 164a-169a.

Chemical of Concern: MLN; Habitat: A

Gilot-Delhalle, J., Colizzi, A., Moutschen, J., and Moutschen-Dahmen, M. (1983). Mutagenicity of Some

Organophosphorus Compounds at the Ade6 Locus of *Schizosaccharomyces Pombe*. *Mutation Research/Genetic Toxicology* 117: 139-148.

Chemical of Concern: MLN; Habitat: T

Gladen, B. C., Sandler, D. P., Zahm, S. H., Kamel, F., Rowland, A. S., and Alavanja, M. Cr (1998). Exposure Opportunities of Families of Farmer Pesticide Applicators. *American journal of industrial medicine* 34: 581-587.

Chemical of Concern: MLN; Habitat: T

Glez, C. O., Hernandez, A. G., Rodriguez, M. P. O., Suarez, R. M., and Vila, M. G. (1998). Degradation Studies of Commonly Used Pesticides in Banana Plantations in the Canary Islands. *Acta Hort.* 490: 395-405.

EcoReference No.: 93342

Chemical of Concern: TCF,CPY,MP,DZ,DMT,PIRM,FNT,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(ALL CHEMS).

Goel, K. A., Tyagi, S. K., and Awasthi, A. K. (1982). Effect of Malathion on Some Haematological Values in *Heteropneustes fossilis*. *Comp.Physiol.Ecol.* 7: 259-261.

EcoReference No.: 10957

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Goetz, R., Bauer, O. H., Friesel, P., and Roch, K. (1998). Organic Trace Compounds in the Water of the River Elbe Near Hamburg: Part II. *Chemosphere* 36: 2103-2118.

Chemical of Concern: MLN; Habitat: A

Golenda, C. F. and Forgash, A. J. (1985). Fenvalerate Cross-Resistance in a Resmethrin-Selected Strain of the House Fly (Diptera: Muscidae). *J.Econ.Entomol.* 78: 19-24.

EcoReference No.: 69959

Chemical of Concern: MLN,FNV,ADC,PPB,RSM,DZ,DDT; Habitat: T; Effect Codes: MOR; Code: OK(FNV,PPB,DDT),OK TARGET(MLN,ADC,DZ,RSM).

Golob, P. and Kilminster, A. (1982). The Biology and Control of *Zabrotes subfasciatus* (Boheman) (Coleoptera: Bruchidae) Infesting Red Kidney Beans. *J.Stored Prod.Res.* 18: 95-101.

EcoReference No.: 89617

Chemical of Concern: CBL,MLN,PIRM,TVP; Habitat: T; Effect Codes: POP; Code: OK(CBL,PIRM,TVP),OK TARGET(MLN).

Gombar, V. K., Borgstedt, H. H., Enslein, K., Hart, J. B., and Blake, B. W. (1991). A Qsar Model of Teratogenesis. *Quant struct-act relat* 10: 306-332.

Chemical of Concern: MLN; Habitat: AT

Gomez-Arroyo, S., Baiza, A. M., Lopez, G., and Villalobos-Pietrini, R. (1985). A Comparative Study of the Cytogenetic Effects of the Insecticides Heptachlor Malathion and Methyl Parathion in *Vicia-Faba*. *Contam.Ambiental* 1: 7-16.

EcoReference No.: 91303

Chemical of Concern: MLN,MP,HPT; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN,MP).

Gonring, A. H. R., Picanco, M., de Moura, M. F., Bacci, L., and Bruckner, C. H. (1999). Selectivity of Insecticides Used for the Control of Grapholita Molesta (Busch) (Lepidoptera: Olethreutidae) in Peach, to Predatory Vespidae. *Anais de Sociedade Entomologica do Brasil [An. Soc. Entomol. Bras.]*. Vol. 28, no. 2, pp. 301-306. Jun 1999.

Chemical of Concern: MLN; Habitat: AT

Gonzalez, T., Bisset, J. A., Diaz, C., Rodriguez, M. M., and Brandolini, M. B. (1999). Insecticide Resistance in a Culex quinquefasciatus Strain from Rio de Janeiro, Brazil. *Mem.Inst.Oswaldo Cruz* 94: 121-122.

Chemical of Concern: PPB,DEF,DDT,MLN,CPY,PIRM,PPX,CYP,DM,LCYT; Habitat: AT; Code: NO DURATION(PPB,MLN,CPY,PIRM,CYP).

Goodrich, J. A., Lykins, B. W Jr, and Clark, R. M. (1991). Drinking Water From Agriculturally Contaminated Groundwater. *J environ qual* 20: 707-717.

Chemical of Concern: MLN; Habitat: AT

Gopalan, N., Bhattacharya, B. K., Prakash, Shri, and Rao, K. M. (1997). Characterization of Carboxylesterases From Malathion-Resistantculex Quinquefasciatussay (Diptera: Culicidae) Mosquitoes. *Pesticide Biochemistry and Physiology* 57: 99-108.

Chemical of Concern: MLN; Habitat: T

Gordon, C. J. (1994). 24-Hour Control of Body Temperature in the Rat: II. Diisopropyl Fluorophosphate-Induced Hypothermia and Hyperthermia. *Pharmacol.Biochem.Behav.* 49: 747-754.

EcoReference No.: 90680; Habitat: T; Effect Codes: PHY; Code: NO COC(MLN).

Gorham, J. R. (1974). Malathion and Naled as Mosquito Adulticides in Alaska. *Mosq News* 34: 286-290.

Chemical of Concern: MLN,Naled; Habitat: T

Gould, F. (1991). Arthropod Behavior and the Efficacy of Plant Protectants. *Mittler, t. E., F. J. Radovsky and v. H. Resh (ed.). Annual review of entomology, vol. 36. Ix+703p. Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-0136-6. 0: 305-330.*

Chemical of Concern: MLN; Habitat: T

Gould, W. P. (1998). Cold Torpor and Flight Threshold of Anastrepha Suspensa (Diptera: Tephritidae). *Florida entomologist* 81: 211-216.

Chemical of Concern: MLN; Habitat: T

Gozek, K. (1996). Residues of Malathion in Stored Grains. *Bulletin of environmental contamination and toxicology* 57: 544-548.

Chemical of Concern: MLN; Habitat: T

Graham, J. A. (1987). High-Performance Liquid Chromatography for Determination of Trace Organic Compounds in Aqueous Environmental Samples Assessment of Current and Future Capabilities. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and toxicity testing Symposium held at the 188th meeting of the american chemical society, philadelphia, pennsylvania, usa, august 29-31, 1984. Xvi+797p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-0951-0.; 0: 97-136.*

Chemical of Concern: MLN; Habitat: A

Grant, B. F. and Mehrle, P. M. (1970). Pesticide Effects on Fish Endocrine Function. *In: Resour.Publ.No.88, Prog.Sport Fish.Res.1969, Div.Fish.Res., Bur.Sport Fish.Wildl., U.S.D.I., Washington, D.C.:* 13-15.

EcoReference No.: 17208

Chemical of Concern: MLN,CPY,24DXY; Habitat: A; Effect Codes: REP,BCM; Code: NO
ENDPOINT(MLN,CPY,24DXY).

Gratz, N. G. (1991). Emergency Control of Aedes-Aegypti as a Disease Vector in Urban Areas. *J am mosq control assoc* 7: 353-365.

Chemical of Concern: MLN; Habitat: T

Gratzel, C. K., Jirousek, M., and Gratzel, M. (1990). Decomposition of Organophosphorus Compounds on Photoactivated Titanium Dioxide Surfaces. *J mol catal* 60: 375-388.

Chemical of Concern: MLN; Habitat: AT

Gray, A. J. and Fukuto, T. R. (1984). Metabolism of O,O,S-Trimethyl Phosphorothioate in Rats After Oral Administration of a Toxic Dose, and the Effect of Coadministration of Its Antagonistic Thionate Isomer. *Pestic.Biochem.* 22: 295-311.

EcoReference No.: 89079; Habitat: T; Effect Codes: ACC,GRO,PHY,MOR,BEH; Code: NO
COC(MLN).

Greenberg, J. and Laham, Q. N. (1969). Malathion-Induced Teratisms in the Developing Chick. *Can.J.Zool.* 47: 539-542.

EcoReference No.: 104924

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,GRO; Code: NO ENDPOINT(MLN).

Greene, F., Passananti, G. T., and Stevens, J. T. (1973). Binding of Malathion, Parathion, and Their Oxygenated Analogs to Cytochrome P-450 in the Rat. *Fed. Proc. Fed. Amer. Soc. Exp. Biol.* 32: 761.

Chemical of Concern: MLO; Habitat: T

Greve, P. A., Freudenthal, J., and Wit, S. L. (1972). Potentially Hazardous Substances in Surface Waters. 2. Cholinesterase Inhibitors in Dutch Surface Waters. *Science of the Total Environment [Sci. Total Environ.]. Vol. 1, no. 3, pp.* 253-265. 1972.

Chemical of Concern: MLN; Habitat: A

Griesemer, R. A. and Cueto, C. Jr (Toward a Classification Scheme for Degrees of Experimental Evidence for the Carcinogenicity of Chemicals for Animals. *Iarc (int. Agency res. Cancer) sci. Publ.* 1980, 27() 259-281.

Chemical of Concern: MLO; Habitat: AT

Griffin, III Darrell E. and Hill, Walter E. (1978). In Vitro Breakage of Plasmid Dna by Mutagens and Pesticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 52: 161-169.

Chemical of Concern: MLN; Habitat: AT

Griffini, O., Bao, M. L., Barbieri, C., Burrini, D., and Pantani, F. (1997). Occurrence of Pesticides in the Arno River

and in Potable Water a Survey of the Period 1992-1995. *Bulletin of environmental contamination and toxicology* 59: 202-209.

Chemical of Concern: MLN; Habitat: A

Grimm, C. and Guharay, F. (1998). Control of Leaf-Footed Bug *Leptoglossus Zonatus* and Shield-Backed Bug *Pachycoris Klugii* With Entomopathogenic Fungi. *Biocontrol Science and Technology*, 8 (3) pp. 365-376, 1998.

Chemical of Concern: MLN; Habitat: T

Grisamore, S. B., Hile, J. P., and Otten, R. J. (1991). Pesticide Residues on Grain Products. *Cereal foods world* 36: 434-437.

Chemical of Concern: MLN; Habitat: T

Grob, K., Biedermann, M., and Giuffre, A. M. (1994). Determination of Organophosphorus Insecticides in Edible Oils and Fats by Splitless Injection of the Oil Into a Gas Chromatograph (Injector-Internal Headspace Analysis). *Zeitschrift fuer lebensmittel-untersuchung und -forschung* 198: 325-328.

Chemical of Concern: MLN; Habitat: AT

Gruber, S. J. and Munn, M. D. (1998). Organophosphate and Carbamate Insecticides in Agricultural Waters and Cholinesterase (Che) Inhibition in Common Carp (*Cyprinus Carpio*). *Arch.Environ.Contam.Toxicol.* 35: 391-396.

Chemical of Concern: DZ,CPY,AZ,DS,CBL,MLN,EP; Habitat: A

Guarino, A. M., Rieck, G., Arnold, S., Fenstermacher, P., Bend, J., Knutson, M. J., and Anderson, J. B. (1976). Distribution and Toxicity of Selected Water Pollutants in the Spiny Dogfish, *Squalus acanthias*. *Bull.Mt.Desert Isl.Biol.Lab.* 16: 50-53.

EcoReference No.: 7791

Chemical of Concern: 24DXY,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: NO
ENDPOINT(MLN).

Guddewar, Madhukar B. and Dauterman, Walter C. (1979). Purification and Properties of a Glutathione-S-Transferase From Corn Which Conjugates S-Triazine Herbicides. *Phytochemistry* 18: 735-740.

Chemical of Concern: MLN; Habitat: T

Guedes, R. N. C. and Zhu, K. Y. (1998). Characterization of Malathion Resistance in a Mexican Population of *Rhizopertha dominica*. *Pestic.Sci.* 53: 15-20.

EcoReference No.: 64555

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Guelden, M. and Seibert, H. (1996). Cytotoxic and Non-Cytotoxic Effects of the Meic Reference Chemicals on Spontaneously Contracting Primary Cultured Rat Skeletal Muscle Cells. *Toxicology in vitro* 10: 395-406.

Chemical of Concern: MLN; Habitat: T

Guha, A., Kumari, B., Bora, T. C., and Roy, M. K. (1997). Possible Involvement of Plasmids in Degradation of Malathion and Chlorpyrifos by *Micrococcus* Sp. *Folia microbiologica* 42: 574-576.

Chemical of Concern: MLN; Habitat: AT

Guilbault, G. G. and Ngeh-Ngwainbi, J. (1988). Use of Protein Coatings on Piezoelectric Crystals for Assay of Gaseous Pollutants. *Hollenberg, c. P. And h. Sahm (ed.). Biotec, vol. 2. Biosensors and environmental biotechnology. Viii+149p. Vch publishers, inc.: New york, new york, usa* Gustav fischer verlag: stuttgart, west germany. Illus. Paper. Isbn 0-89574-264-0; isbn 3-437-30579-4.; 0: 17-22.

Chemical of Concern: MLN; Habitat: AT

Guiti, N. and Sadeghi, D. (1969). Acute Toxicity of Malathion in the Mongrel Dog. *Toxicol.Appl.Pharmacol.* 15: 244-245.

EcoReference No.: 88948

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN).

Gul, H. and Chaudhry, M. I. (1991). Efficacy of Insecticides Against Subterranean Termites in Protecting the Eucalypt Saplings . *Pak.J.For.* 41: 202-206.

EcoReference No.: 89050

Chemical of Concern: CBL,HCCH,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(CBL,MLN).

Gunderson, E. L. (1995). Dietary Intake of Pesticides, Selected Elements, and Other Chemicals: Fda Total Diet Study, June 1984-April 1986. *Journal of aoac international* 78: 910-921.

Chemical of Concern: MLN; Habitat: T

Gunderson, E. L. (1995). Fda Total Diet Study, July 1986-April 1991, Dietary Intakes of Pesticides, Selected Elements, and Other Chemicals. *Journal of aoac international* 78: 1353-1363 .

Chemical of Concern: MLN; Habitat: T

Gunther, Alexander and Bilitewski, Ursula (1995). Characterisation of Inhibitors of Acetylcholinesterase by an Automated Amperometric Flow-Injection System. *Analytica Chimica Acta* 300: 117-125.

Chemical of Concern: MLO; Habitat: AT

Gupta, A. and Gupta, M. N. (1985). Effect of Certain Toxicants on the Activity of 5-Nucleotidase in the Gills of *Trichogaster fasciatus*. *C.A.Sel.-Environ.Pollut.15:3 (1986) / Proc.Natl.Acad.Sci.India Sect.B* 55: 18-20.

EcoReference No.: 12169

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Gupta, A. K., Ranjana, A. M., and Dalela, R. C. (1995). Toxic Effects of Chlordane and Malathion on Certain Haematological Parameters of a Freshwater Teleost, *Notopterus notopterus*. *J.Environ.Biol.* 16: 219-223.

EcoReference No.: 16648

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,GRO; Code: NO ENDPOINT(MLN).

Gupta, P. K. and Paul, B. S. (1976). Bioavailability and Metabolism of [32P]Malathion in the Hen. *Environ.Res.* 12: 334-339.

EcoReference No.: 36914

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,PHY,BEH; Code: NO CONTROL(MLN).

Gupta, P. K. and Paul, B. S. (1977). Biological Fate of 32P Malathion in Gallus domesticus (Desi Poultry Birds). *Toxicology* 7: 169-177.

EcoReference No.: 36917

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,MOR; Code: NO CONTROL(MLN).

Gupta, P. K. and Paul, B. S. (1972). Influence of Dietary Intake of Malathion on the Haematology and Plasma Electrolytes in Chickens. *Poult.Sci.* 51: 1574-1577.

EcoReference No.: 36915

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,PHY; Code: NO ENDPOINT(MLN).

Gupta, R. C. and Paul, B. S. (1978). Influence of Malathion (O,O'-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate) on Body Enzymes in Dermal Subacute Toxicity Studies in Bubalus bubalis Species. *Bull.Environ.Contam.Toxicol.* 20: 811-818.

EcoReference No.: 36919

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: NO DOM(MLN).

Gupta, R. C. and Paul, B. S. (1978). "No-Effect-Level" of Malathion (O,O'-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate) in Bubalus bubalis. *Bull.Environ.Contam.Toxicol.* 20: 819-825.

EcoReference No.: 36918

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: NO DOM(MLN).

Gupta, R. C. and Paul, B. S. (1979). A Note on the Interaction of Malathion and Sumithion on Their Toxicity in Bubalus bubalis. *Indian J.Anim.Sci.* 49: 314-315.

Chemical of Concern: FNT,MLN; Habitat: T; Code: NO MIXTURE(FNT,MLN).

Gupta, R. C. and Paul, B. S. (1977). Sub-Acute Toxicity Study of Malathion in Bubalus bubalis (Buffalo). *Pesticides* 11: 26-29.

EcoReference No.: 36920

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,ACC; Code: NO DOM(MLN).

Gupta, S. C., Sahai, R., and Gupta, N. (1988). Cytogenetic Effects of Malathion on Buffalo Blood Cultures. *Curr sci (bangalore)* 57: 280-281.

Chemical of Concern: MLN; Habitat: T

Gupta, S. C., Sahai, R., and Gupta, N. (1996). Cytogenetic Effects of Organophosphate Pesticides on Goat Lymphocytes in Culture. *Asian-australasian journal of animal sciences* 9: 449-454.

Chemical of Concern: MLN; Habitat: T

Gupta, Vinod K., Jain, C. K., Ali, Imran, Chandra, S., and Agarwal, S. (2002). Removal of Lindane and Malathion From Wastewater Using Bagasse Fly Ash--a Sugar Industry Waste. *Water Research* 36: 2483-2490.

Chemical of Concern: MLN; Habitat: AT

Guy, Richard H., Hadgraft, Jonathan, and Maibach, Howard I. (1983). Percutaneous Absorption: Multidose Pharmacokinetics. *International Journal of Pharmaceutics* 17: 23-28.

Chemical of Concern: MLN; Habitat: AT

Guzzella, L. and Mingazzini, M. (1994). Biological Assaying of Organic Compounds in Surface Waters. *Water science and technology* 30: 113-124.

Chemical of Concern: MLN; Habitat: A

Guzzella, L. and Sora, S. (1998). Mutagenic Activity of Lake Water Samples Used as Drinking Water Resources in Northern Italy. *Water research* 32: 1733-1742.

Chemical of Concern: MLN; Habitat: A

Haas, C. N., Cidambi, K., Kersten, S., and Wright, K. (1996). Quantitative Description of Mixture Toxicity: Effect of Level of Response on Interactions. *Environmental toxicology and chemistry* 15: 1429-1437.

Chemical of Concern: MLN; Habitat: AT

Hagstrum, D. W. (1990). Simulations Comparing the Effectiveness of Various Stored-Grain Management Practices Used to Control *Rhyzopertha Dominica* (Coleoptera: Bostrichidae). Au - Flinn Pw. *Environ entomol* 19: 725-729.

Chemical of Concern: MLN; Habitat: T

Haider, S. and Upadhyaya, N. (1985). Effect of Commercial Formulation of Four Organophosphorus Insecticides on the Ovaries of a Freshwater Teleost, *Mystus vittatus* (Bloch) - A Histological and Histochemical Study. *J.Environ.Sci.Health* B20: 321-340.

EcoReference No.: 11594

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Haley, K. J. and Mortensen, M. E. (1990). Intraosseous Infusion of Antidote in an Organophosphate Poisoned Child. *American association of poison control centers, american academy of clinical toxicology, american board of medical toxicology, canadian association of poison control centers scientific meeting, tucson, arizona, usa, september 14-18, 1990. Vet hum toxicol* 32: 370.

Chemical of Concern: MLN; Habitat: T

Halfon, E., Galassi, S., Bruggemann, R., and Provini, A. (1996). Selection of Priority Properties to Assess Environmental Hazard of Pesticides. *Chemosphere* 33: 1543-1562.

Chemical of Concern: MLN; Habitat: AT

Hall, G. L., Whitehead, W. E., Mourer, C. R., and Shibamoto, T. (1986). A New Gas Chromatographic Retention Index for Pesticides and Related Compounds. *J high resolut chromatogr chromatogr commun* 9: 266-271.

Chemical of Concern: MLN; Habitat: T

Hall, L. W Jr and Anderson, R. D. (1995). The Influence of Salinity on the Toxicity of Various Classes of Chemicals to Aquatic Biota. *Critical reviews in toxicology* 25: 281-346.

Chemical of Concern: MLN; Habitat: A

Hall, R. A. (1981). Laboratory Studies on the Effects of Fungicides, Acaricides and Insecticides on the Entomopathogenic Fungus, *Verticillium lecanii*. *Entomol.Exp.Appl.* 29: 39-48.

EcoReference No.: 94390

Chemical of Concern:

PMR,PIM,MLN,DFZ,DCF,DZ,CHX,BMY,Captan,CTN,DINO,FRM,IPD,ILL,Maneb,OXC,TFR,VCZ,Zin
eb,CBL; Habitat: T; Effect Codes: POP,REP; Code: NO ENDPOINT(ALL CHEMS),NO
COC(QOC,BS).

Hall, R. D., Vandepopuliere, J. M., English, L. M., Jaynes, W., Lyons, J. J., Doisy, K. E., and Foehse, M. C. (1980). Comparative Evaluation of Four Registered Acaricides for Field Control of Northern Fowl Mites on Caged Laying Hens. *Poult.Sci.* 59: 2424-2430.

EcoReference No.: 36967

Chemical of Concern: CBL,MLN,CMPH; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN).

Hall, R. J. and Kolbe, E. (1980). Bioconcentration of Organophosphorus Pesticides to Hazardous Levels by Amphibians. *J.Toxicol.Environ.Health* 6: 853-860.

EcoReference No.: 6495

Chemical of Concern: FNTH,PRN,MLN,ACP; Habitat: A; Effect Codes: MOR,BCM; Code: LITE
EVAL CODED(ACP),NO ENDPOINT(MLN,PRN,FNTH).

Hall, S. and Godwin-Saad, E. (1996). Effects of Pollutants on Freshwater Organisms. *Water environment research* 68: 776-784.

Chemical of Concern: MLN; Habitat: A

Hallberg, G. R. (1989). Pesticide Pollution of Groundwater in the Humid Usa. *Agric ecosyst environ* 26: 299-368.

Chemical of Concern: MLN; Habitat: A

Halliday, W. R. (1991). Hydrolytic Resistance Mechanisms in Stored Product Insects. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 135.

Chemical of Concern: MLN; Habitat: T

Hama, H., Ando, S., Hosoda, A., Suzuki, K., and Takagi, Y. (1995). Insecticide Resistance in Cotton Aphid, *Aphis Gossypii* Glover (Homoptera: Aphididae) Iv. Susceptibility of Four Clones Separated From Vivipara of Field Populations to Various Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 39, no. 2, pp. 117-125. 1995.

Chemical of Concern: MLN; Habitat: AT

Hamdan, H., Sofian-Azirun, M., Nazni, W. A., and Lee, H. L. (2005). Insecticide Resistance Development in *Culex quinquefasciatus* (Say), *Aedes aegypti* (L.) and *Aedes albopictus* (Skuse) Larvae Against Malathion, Permethrin and Temephos. *Trop.Biomed.* 22: 45-52.

EcoReference No.: 99670

Chemical of Concern: MLN,PMR,TMP; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(MLN,PMR,TMP).

Hamed, M. S., Ramzi, A., and El Said, S. (1983). Susceptibility Status of Mosquitoes in Egypt to Commonly Used Insecticides. *J.Egypt.Public Health Assoc.* 58: 160-167.

EcoReference No.: 17815

Chemical of Concern: CPY,MLN,DLD,FNTH,TMP,DDT; Habitat: AT; Effect Codes: MOR; Code: NO
CONTROL(TARGET-MLN).

Hameed, S. F. and Lal, R. (1973). Residues of Malathion on Cabbage, Cauliflower and Knol-Khol Estimated by

Bioassay and Chemical Assay Methods. *Indian J.Entomol.* 33: 326-337.

Chemical of Concern: MLN; Habitat: T; Code: NO ENDPOINT(MLN).

Hameed, S. F., Suri, S. M., and Kashyap, N. P. (1980). Toxicity and Persistence of Residues of Some Organophosphorus Insecticides Applied for the Control of *Dacus cucurbitae* Coquillett on the Fruits of Cucumber. *Indian J.Agric.Sci.* 50: 73-77.

EcoReference No.: 103641

Chemical of Concern: TCF,MP,MLN,FNT,FNTH; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TCF,MP,MLN,FNT).

Hamel, D. (Effectiveness of Organophosphorus Insecticides Against Stored-Product Insects in Wheat. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 350-351.

Chemical of Concern: MLN; Habitat: T

Han Il, R., Shim, J. C., Hong, H. K., Lee, J. S., Cho, H. W., and Kim, C. L. (1981). Studies on Control Effects of Pesticide Applications Against the Vector Mosquito Larvae in Rice Fields in Korea. *Korean J.Entomol.* 11: 39-45.

EcoReference No.: 10440

Chemical of Concern: MLN,DZ,ABT,FNT,CPY,CBL; Habitat: A; Effect Codes: MOR,POP; Code: LITE EVAL CODED(DZ),OK(ABT,FNT,CPY),NO ENDPOINT(CBL,MLN).

Handley, D. T., Dill, J. F., and Pollard, J. E. (1993). Tarnished Plant Bug Injury on Six Strawberry Cultivars Treated with Differing Numbers of Insecticide Sprays. *Fruit Var.J.* 47: 133-137.

EcoReference No.: 89555

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,GRO; Code: NO CROP(TARGET-MLN).

Haney, A. F., Hughes, Susan F., and Hughes, Jr. Claude L. (1984). Screening of Potential Reproductive Toxicants by Use of Porcine Granulosa Cell Cultures. *Toxicology* 30: 227-241.

Chemical of Concern: MLN; Habitat: T

Hanna, P. A., Jankovic, J., and Kirkpatrick, J. B. (1999). Multiple System Atrophy: the Putative Causative Role of Environmental Toxins. *Archives of neurology* 56: 90-94.

Chemical of Concern: MLN; Habitat: T

Hansen, C. (The Use of Environmental Safety Factors in Denmark. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x.; 0 (0). 1996. 537-548.*

Chemical of Concern: MLN; Habitat: AT

Hansen, D. J. (1969). Avoidance of Pesticides by Untrained Sheepshead Minnows. *Trans.Am.Fish.Soc.* 98: 426-429.

EcoReference No.: 5145

Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Code: NO CONTROL(CBL),NO ENDPOINT(MLN).

Hansen, D. J. (1970). Behavior of Estuarine Organisms. *U.S.Fish Wildl.Serv., Circ.335, Washington, D.C.* 23-28.

EcoReference No.: 15137

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

Hansen, D. J. (1972). DDT and Malathion: Effect on Salinity Selection by Mosquitofish.

Trans.Am.Fish.Soc.101(2):346-350 (Author Communication Used).

EcoReference No.: 9096

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Hansen, D. J., Matthews, E., Nall, S. L., and Dumas, D. P. (1972). Avoidance of Pesticides by Untrained Mosquitofish, *Gambusia affinis*. *Bull.Environ.Contam.Toxicol.* 8: 46-51.

EcoReference No.: 5147

Chemical of Concern: DDT,CBL,EN,MLN; Habitat: A; Effect Codes: BEH; Code: NO CONTROL(MLN),OK(DDT,CBL,EN).

Hansen, D. J., Schimmel, S. C., and Keltner, J. M. Jr. (1973). Avoidance of Pesticides by Grass Shrimp (*Palaemonetes pugio*). *Bull.Environ.Contam.Toxicol.* 9: 129-133.

EcoReference No.: 5146

Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Code: LITE EVAL CODED(CBL),OK(ALL CHEMS),NO ENDPOINT(MLN).

Hansen, L. B., Castillo, G. D., and Biehl, E. R. (Gas Chromatographic-Mass Spectrometric Characterization of an Alteration Product of Malathion Detected in Stored Rice. *J assoc off anal chem.* 1981, sep; 64(5):1232-7. [Journal - association of official analytical chemists]: *J Assoc Off Anal Chem.*

Chemical of Concern: MLO; Habitat: T

Hanzal, R. F., Horn, H. J., and Hazelton, L. W. (1954). Anticholinesterase Activity of Parathion and Malathion. *Fed.Proc.* 13: 363-364 (ABS).

Chemical of Concern: MLN; Habitat: AT; Code: NO ABSTRACT.

Hardman, J. M., Jensen, K. I. N., Franklin, J. L., and Moreau, D. L. (1998). Effects of Dispersal, Predators (Acari: Phytoseiidae), Weather, and Ground Cover Treatments on Populations of *Tetranychus urticae* (Acari: Tetranychidae) in Apple Orchards. *J.Econ.Entomol.* 98: 862-874.

EcoReference No.: 101295

Chemical of Concern: Captan,BMY,MZB,PSM,MLN,IMC,ES,DMT,CBL,AZ,CYP,LCYT,GFS; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(Captan,MZB,MLN,DMT,CBL,AZ,CYP,GFS,ES,PSM,IMC).

Hardman, J. M., Jensen, K. I. N., Moreau, D. L., Franklin, J. L., and Bent, E. D. (2004). Effects of Ground Cover Treatments and Insecticide Use on Population Density and Damage Caused by *Lygus lineolaris* (Heteroptera: Miridae) in Apple Orchards. *J.Econ.Entomol.* 97: 993-1002.

EcoReference No.: 87391

Chemical of Concern: GYP,LCYT,CYP,ES,PHSL,IMC,MLN,CPR; Habitat: T; Effect Codes: POP; Code: NO COC(CTN),OK(ALL CHEMS),OK TARGET(CYP,MLN).

Hardt, I. H., Wolf, C., Gehrcke, B., Hochmuth, D. H., Pfaffenberger, B., and Huehnerfuss, H. (1994). Gas Chromatographic Enantiomer Separation of Agrochemicals and Polychlorinated Biphenyls Pcb's Using Modified Cyclodextrins. *Hrc journal of high resolution chromatography* 17: 859-864.

Chemical of Concern: MLO; Habitat: AT

Harlow, C. D. and Lampert, E. P. (1990). Resistance Mechanisms in Two Color Forms of the Tobacco Aphid (Homoptera: Aphididae) . *J.Econ.Entomol.* 83: 2130-2135.

EcoReference No.: 93233

Chemical of Concern: MLN,ACP,TBF,ES,MTM; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN,ACP,TBF,MTM,ES).

Harman-Fetcho, J. A., Mcconnell, L. L., and Baker, J. E. (1999). Agricultural Pesticides in the Patuxent River, a Tributary of the Chesapeake Bay. *Journal of environmental quality* 28: 928-938.

Chemical of Concern: MLN; Habitat: A

Harman-Fetcho, J. A., McConnell, L. L., Rice, C. P., and Baker, J. E. (2000). Wet Deposition and Air-Water Gas Exchange of Currently Used Pesticides to a Subestuary of the Chesapeake Bay. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 34, no. 8, pp. 1462-1468. 15 Apr 2000.

Chemical of Concern: MLN; Habitat: AT

Harriman, R. and Pugh, K. B. (1994). Water Chemistry. *Maitland, p. S., P. J. Boon and d. S. Mclusky (ed.). The fresh waters of scotland: a national resource of international significance. Xiv+639p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-94462-9.; 0: 89-112.*

Chemical of Concern: MLN; Habitat: A

Harris, C. R. and Svec, H. J. (1970). Laboratory Studies on the Contact Toxicity of Some Insecticides to Honeybees. *Proc.Entomol.Soc.Ont.* 100: 165-167.

Chemical of Concern: ES,MXC,PSM,MLN,DZ,MOM,CBF,PRN,Naled,AZ,DMT,CBL,DLD; Habitat: T; Effect Codes: MOR; Code: NO PUBL AS(ES,MXC,PSM,MLN,DZ,MOM,CBF,PRN,Naled,AZ,DMT,CBL,DLD).

Harris, C. R., Svec, H. J., Tolman, J. H., and Chapman, R. A. (1983). Laboratory and Field Studies on the Effectiveness and Persistence of Some Insecticides Used to Control the Tomato Hornworm. *Tob.Int.* 185: 178-182.

EcoReference No.: 99406

Chemical of Concern:

TCF,DM,CYP,FNV,PMR,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES,AZ,PSM,MLN; Habitat: T; Effect Codes: ACC,MOR; Code: TARGET(TCF,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES,AZ,PSM,MLN)OK(DM,CYP,FNV,PMR).

Harris, C. R. and Turnbull, S. A. (1975). Laboratory Studies on the Toxicity of Insecticides to the Bertha Armyworm (Mamestra configurata) (Lepidoptera: Noctuidae). *Can.Entomol.* 107: 865-872.

EcoReference No.: 49989

Chemical of Concern:

TVP,PSM,TBO,FNF,AZ,ES,MDT,CPY,DMT,MXC,CHD,PHSL,PIRM,TCF,PRN,ACP,MLN,DDT,CBL, Naled,CBF,CPY,EN,MOM; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(MLN,Naled,CBF,CBL,AZ,TCF,DMT),OK(MDT,MOM,DDT,CPY).

Harris, C. R., Turnbull, S. A., and McLeod, D. G. R. (1985). Contact Toxicity of Twenty-One Insecticides to Adults of the Carrot Rust Fly (Diptera: Psilidae). *Can.Entomol.* 117: 1025-1027.

EcoReference No.: 72206

Chemical of Concern:

DZ,DDT,AND,PSM,PMR,MVP,PRN,CPY,Naled,MOM,MLN,DM,CYP,CBF,AZ,FNV,FNF,ACP,AND;
Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CBF),OK
TARGET(DZ,CYP,MLN,Naled,ACP,AZ,PMR),OK(ALL CHEMS).

Harris, M. L., Bishop, C. A., Struger, J., Van, D. E. N. Heuvel Mr, Van, D. E. R. Kraak Gj, Dixon, D. G., Ripley, B., and Bogart, J. P. (1998). The Functional Integrity of Northern Leopard Frog (*Rana Pipiens*) and Green Frog (*Rana Clamitans*) Populations in Orchard Wetlands: I. Genetics, Physiology, and Biochemistry of Breeding Adults and Young-of-the-Year. *Environmental toxicology and chemistry* 17: 1338-1350.

Chemical of Concern: MLN; Habitat: A

Hart, A. L., Collier, W. A., and Janssen, D. (1997). The Response of Screen-Printed Enzyme Electrodes Containing Cholinesterases to Organo-Phosphates in Solution and From Commercial Formulations. *Biosensors & bioelectronics* 12: 645-654.

Chemical of Concern: MLN; Habitat: T

Hart, J. P. and Wring, S. A. (1997). Recent Developments in the Design and Application of Screen-Printed Electrochemical Sensors for Biomedical, Environmental and Industrial Analyses. *Trends in analytical chemistry* 16: 89-103 .

Chemical of Concern: MLN; Habitat: AT

Hartley, I. C. and Hart, J. P. (1994). Amperometric Measurement of Organophosphate Pesticides Using a Screen-Printed Disposable Sensor and Biosensor Based on Cobalt Phthalocyanine. *Analytical proceedings* 31: 333-337.

Chemical of Concern: MLN; Habitat: T

Harvey, R. G., Dekker, J. H., Fawcett, R. S., Roeth, F. W., and Wilson, R. G. (1987). Enhanced Biodegradation of Herbicides in Soil and Effects on Weed Control. *Weed Technol.* 1: 341-349.

Chemical of Concern: MLN,CBF,CPY,BTY,EPTC; Habitat: T

Haseman, J. K. and Clark, A. M. (1990). Carcinogenicity Results for 114 Laboratory Animal Studies Used to Assess the Predictivity of Four In Vitro Genetic Toxicity Assays for Rodent Carcinogenicity. *Environ.Mol.Mutagen.Suppl.* 18: 15-31.

EcoReference No.: 97464

Chemical of Concern:

ASCN,BNZ,DCB,12DPA,13DPA,ISO,MLO,MEL,MEN,PL,PPO,TCDD,3CE,Ziram,DCB,RTN,4CE,LIM,DDVP,24DC,OXT; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(ALL CHEMS).

Haseman, J. K. and Clark, A. M. (1990). Carcinogenicity Results for 114 Laboratory Animal Studies Used to Assess the Predictivity of Four in Vitro Genetic Toxicity Assays for Rodent Carcinogenicity. *Environ mol mutagen suppl* 0: 15-31.

Chemical of Concern: MLO; Habitat: T

Hashimoto, Y. and Nishiuchi, Y. (1981). Establishment of Bioassay Methods for the Evaluation of Acute Toxicity of Pesticides to Aquatic Organisms. *J.Pestic.Sci.* 6: 257-264 (JPN) (ENG ABS).

EcoReference No.: 5761

Chemical of Concern:

DDT,TPN,FNTH,24OXY,PRN,PAQT,CBL,PYN,Zineb,CZE,FBM,PPX,PPX,MOM,ES,TBC,MLN,FE,SZ,NaPCP,Captan,AND,DZ,ETN,FLAC,PPN,FNT,RTN,EN; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL,(ALL CHEMS).

Hassan, A. and Dauterman, W. C. (1968). Studies on the Optically Active Isomers of O,O-Diethyl Malathion and O,O-Diethyl Malaoxon. *Biochem.Pharmacol.* 17: 1431-1439.

EcoReference No.: 89457

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL(MLN,MLO).

Hatakeyama, S., Shiraishi, H., and Uno, S. (1997). Overall Pesticide Effects on Growth and Emergence of Two Species of Ephemeroptera in a Model Stream Carrying Pesticide-Polluted River Water. *Ecotoxicology* 6: 167-180.

Chemical of Concern: MLN; Habitat: A

Hatrik, S. and Tekel, J. (1996). Extraction Methodology and Chromatography for the Determination of Residual Pesticides in Water. *Journal of chromatography a* 733: 217-233.

Chemical of Concern: MLN; Habitat: A

Haubenstricker, M. E., Meier, P. G., Mancy, K. H., and Brabec, M. J. (1990). Rapid Toxicity Testing Based on Yeast Respiratory Activity. *Bull environ contam toxicol* 44: 669-674.

Chemical of Concern: MLN; Habitat: A

Haubruge, E. and Arnaud, L. (2001). Fitness Consequences of Malathion-Specific Resistance in Red Flour Beetle (Coleoptera: Tenebrionidae) and Selection for Resistance in the Absence of Malathion. *J.Econ.Entomol.* 94: 552-557.

EcoReference No.: 58595

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Haubruge, E., Arnaud, L., and Mignon, J. (1997). The Impact of Sperm Precedence in Malathion Resistance Transmission in Populations of the Red Flour Beetle *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *J.Stored Prod.Res.* 33: 143-146.

EcoReference No.: 63029

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hazleton, L. W. and Holland, E. G. (1953). Toxicity of Malathion: Summary of Mammalian Investigations. *Ind.Hyg.Occup.Med.* 8: 399-405.

EcoReference No.: 89660

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM,PHY; Code: NO CONTROL,NO ENDPOINT(MLN).

He, F. (1999). Biological Monitoring of Exposure to Pesticides: Current Issues. *Toxicology letters (shannon)* 108: 277-283.

Chemical of Concern: MLN; Habitat: AT

Hebling-Beraldo, M. J. A. and Vicelli-Zanao, R. C. (1983). Effects of Organophosphorus and Carbamates

Insecticides on the Oxygen Consumption of *Atta Laevigata* (F. Smith, 1858) and *Atta Sexdens Rubropilosa* Forel 1908 (Hymenoptera, Formicidae). *CIENC. CULT.* Vol. 35, no. 2, pp. 211-214. 1983.

Chemical of Concern: MLN; Habitat: AT

Heidari, R., Devonshire, A. L., Campbell, B. E., Bell, K. L., Dorrian, S. J., Oakeshott, J. G. , and Russell, Dr. R. J. (2004). Hydrolysis of Organophosphorus Insecticides by in Vitro Modified Carboxylesterase E3 From *Lucilia Cuprina*. *Insect Biochemistry and Molecular Biology* 34: 353-363.

Chemical of Concern: MLN; Habitat: T

Heidari, Rama, Devonshire, Alan L., Campbell, Bronwyn E., Dorrian, Susan J., Oakeshott, John G., and Russell, Robyn J. (2005). Hydrolysis of Pyrethroids by Carboxylesterases From *Lucilia Cuprina* and *Drosophila Melanogaster* With Active Sites Modified by in Vitro Mutagenesis. *Insect Biochemistry and Molecular Biology* 35: 597-609.

Chemical of Concern: MLN; Habitat: T

Heimbuch, J. A. and Wilhelmi, A. R. (Wet Air Oxidation a Treatment Means for Aqueous Hazardous Waste Streams. *J hazard mater*; 12 (2). 1985 (recd. 1986). 187-200.

Chemical of Concern: MLN; Habitat: A

Heinz, G. H., Hill, E. F., Stickel, W. H., and Stickel, L. F. (1979). Environmental Contaminant Studies by the Patuxent Wildlife Research Center; In: Kenaga,E.E. (Ed) Avian and Mammalian Wildlife Toxicology. *In: Kenaga,E.E.(Ed) Avian and Mammalian Wildlife Toxicology* 9-35.

EcoReference No.: 37069

Chemical of Concern:

ADC,PPX,OXD,CPY,DEM,TMP,FNTH,MRX,PCB,ES,CHD,TXP,AND,EN,HPT,DDT,PRN,CBF,MLN, DCTP,DLD,ZnP,Hg; Habitat: T; Code: NO REVIEW(ALL CHEMS).

Hela, D. G., Lambropoulou, D. A., Konstantinou, I. K., and Albanis, T. A. (2005). Environmental Monitoring and Ecological Risk Assessment for Pesticide Contamination and Effects in Lake Pamvotis, Northwestern Greece. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 24, no. 6, pp. 1548-1556. Jun 2005.

Chemical of Concern: MLN; Habitat: A

Hellawell, J. M. (1988). Toxic Substances in Rivers and Streams. *Environ pollut* 50: 61-86.

Chemical of Concern: MLN; Habitat: A

Hellmann, B. (Determination of Malathion and Malaoson in Cereals.) Oznaczenie Malationu I Malaoksonu W Produktach Zbozowych. *Rocz. Panstw. Zakl. Hig.* 24(2): 175-179 1973.

Chemical of Concern: MLO; Habitat: AT

Hemingway, J. (1995). Efficacy of Etofenprox Against Insecticide Susceptible and Resistant Mosquito Strains Containing Characterized Resistance Mechanisms. *Med.Vet.Entomol.* 9: 423-426.

EcoReference No.: 97683

Chemical of Concern: MLN,EFX,DDT,PMR; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,EFX,PMR).

Hemingway, J., Akood, M., Lines, J. D., Curtis, C. F., and Davidson, G. (1980). Organophosphate and Carbamate Resistance and Susceptibility in the Adults and Larvae of Anopheles Species. *Trans.R.Soc.Trop.Med.Hyg.* 74: 677-678 (ABS).

Chemical of Concern: DLD,PPX,TMP,MLN; Habitat: A; Code: NO
ABSTRACT(DLD,PPX,TMP,MLN).

Hemingway, J., Callaghan, A., and Amin, A. M. (1990). Mechanisms of Organophosphate and Carbamate Resistance in Culex quinquefasciatus from Saudi Arabia. *Med.Vet.Entomol.* 4: 275-282.

EcoReference No.: 101220
Chemical of Concern: CPY,TMP,FNTH,FNT,PIRM,MLN,PPX,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(CPY,TMP,MLN,PIRM).

Hemingway, J. and Georgiou, G. P. (1984). Differential Suppression of Organophosphorus Resistance in Culex quinquefasciatus by the Synergists IBP, DEF, and TPP. *Pestic.Biochem.Physiol.* 21: 1-9.

EcoReference No.: 11494
Chemical of Concern: MLN,TMP; Habitat: A; Effect Codes: BCM,MOR; Code: NO
CONTROL(MLN,TMP).

Hemingway, J., Malcolm, C. A., Kissoon, K. E., Boddington, R. G., Curtis, C. F., and Hill, N. (1985). The Biochemistry of Insecticide Resistance in Anopheles sacharovi: Comparative Studies with a Range of Insecticide Susceptible and Resistant Anopheles and Culex Species. *Pestic.Biochem.Physiol.* 24: 68-76.

EcoReference No.: 12529
Chemical of Concern: DDT,PIRM,MLN; Habitat: A; Effect Codes: BCM; Code: NO
CONTROL,ENDPOINT(ALL CHEMS).

Hemingway, J., Small, G. J., Monro, A., Sawyer, B. V., and Kasap, H. (1992). Insecticide Resistance Gene Frequencies in Anopheles Sacharovi Populations of the Cukurova Plain, Adana Province, Turkey. *Medical and Veterinary Entomology [MED. VET. ENTOMOL.]*. Vol. 6, no. 4, pp. 342-348. 1992.

Chemical of Concern: MLN; Habitat: T

Hemingway, Janet (1985). Malathion Carboxylesterase Enzymes in Anopheles Arabiensis From Sudan. *Pesticide Biochemistry and Physiology* 23: 309-313.

Chemical of Concern: MLN; Habitat: T

Hendriks, A. J., Pieters, H., and De Boer J (1998). Accumulation of Metals, Polycyclic (Halogenated) Aromatic Hydrocarbons, and Biocides in Zebra Mussel and Eel From the Rhine and Meuse Rivers. *Environmental toxicology and chemistry* 17: 1885-1898.

Chemical of Concern: MLN; Habitat: A

Henneberry, T. J. and Travis, R. V. (1958). New Fungicides for the Control of Blackspot of Roses. *Plant Dis.Rep.* 42: 1297-1298.

EcoReference No.: 72308
Chemical of Concern: MLN; Habitat: T; Code: NO MIXTURE.

Henriques, W., Jeffers, R. D., Lacher, T. E Jr, and Kendall, R. J. (1997). Agrochemical Use on Banana Plantations in Latin America: Perspectives on Ecological Risk. *Environmental toxicology and chemistry* 16: 91-99.

Chemical of Concern: MLN; Habitat: AT

Henry, B., Grant, S. G., Klopman, G., and Rosenkranz, H. S. (Induction of Forward Mutations at the Thymidine Kinase Locus of Mouse Lymphoma Cells: Evidence for Electrophilic and Non-Electrophilic Mechanisms. *Mutat res* 1998 feb 2;397(2):313-35: *Mutat Res*.

Chemical of Concern: MLO; Habitat: T

Henry, J. E. and Onsager, J. A. (1982). Large-Scale Test of Control of Grasshoppers on Rangeland with *Nosema locustae*. *J.Econ.Entomol.* 75: 31-35.

EcoReference No.: 91034

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Herath, P. R. J. and Davidson, G. (1981). Multiple Resistance in *Anopheles albimanus*. *Mosq.News* 41: 535-539.

EcoReference No.: 92588

Chemical of Concern: PPX,DM,PMR,FNTH,PIRM,FNT,MLN,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE(TBF,PPB),NO CONTROL,NO ENDPOINT(PMR,MLN),TARGET(PIRM).

Herath, P. R. J. and Joshi, G. P. (1989). Pesticide Selection Pressure on *Anopheles subpictus* in Sri Lanka: Comparison with Two Other Sri Lankan Anophelines. *Trans.R.Soc.Trop.Med.Hyg.* 83: 565-567.

Chemical of Concern: MLN,FNT,PPX,DDT,DLD,DM; Habitat: T; Code: NO CONC(MLN,FNT,PPX,DM).

Herbert, D. A. Jr. (1991). Control of Bird Cherry-Oat Aphid in Barley, 1990. *Insectic.Acaric.Tests* 16: 142 (28F).

EcoReference No.: 89468

Chemical of Concern: MLN,CYH,EFV,DS; Habitat: T; Effect Codes: POP; Code: OK(CYH,EFV,DS),NO CROP(TARGET-MLN).

Herkimer, M., Kinnear, D., Krauth, P., Loader, K., Okey, R., Rawlings, L., and Reynolds, F. (1998). Biomonitoring. *Water environment research* 70: 954-962.

Chemical of Concern: MLN; Habitat: T

Hermens, J., Canton, H., Steyger, N., and Wegman, R. (1984). Joint Effects of a Mixture of 14 Chemicals on Mortality and Inhibition of Reproduction of *Daphnia magna*. *Aquat.Toxicol.* 5: 315-322.

EcoReference No.: 5675

Chemical of Concern: NaBr,HCCH,MLN,DCB,PCP,DMT,PL; Habitat: A; Effect Codes: MOR,REP; Code: NO CONTROL(ALL CHEMS).

Hernandez-Soriano, M. C., Peñaltilde, A. A., and Mingorance, M. D. (Response Surface Methodology for the Microwave-Assisted Extraction of Insecticides From Soil Samples. *Anal bioanal chem.* 2007, sep; 389(2):619-30. [*Analytical and bioanalytical chemistry*]: *Anal Bioanal Chem*.

Chemical of Concern: MLN; Habitat: T

Hernandez, F., Serrano, R., Pitarch, E., and Lopez, F. J. (1998). Automated Sample Clean-up Procedure for Organophosphorus Pesticides in Several Aquatic Organisms Using Normal Phase Liquid Chromatography. *Analytica chimica acta* 374: 215-229.

Chemical of Concern: MLN; Habitat: T

Hernandez-Hernandez, C. N. A., Valle-Mora, J., Santiesteban-Hernandez, A., and Bello-Mendoza, R. (2007).

Comparative Ecological Risks of Pesticides Used in Plantation Production of Papaya: Application of the Synops Indicator. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 381, no. 1-3, pp. 112-125. 1 Aug 2007.

Chemical of Concern: MLN; Habitat: AT

Hernandez-Hernandez, F., Grases, J. M., Beltran, J., and Sancho, J. V. (1990). A Comparative Study of Different Multiresidue Methods for the Determination of Pesticides in Fruit Samples by Gas Chromatography. *Chromatographia* 29: 459-466.

Chemical of Concern: MLN; Habitat: AT

Hernandez Mendez J, Jimenez, D. E. Blas O, and Lozano Garcia a (1988). New Data Concerning the Indirect Determination of the Insecticide Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 38: 355-361.

Chemical of Concern: MLN; Habitat: T

Hernandez Mendez J, Jimenez, D. E. Blas O, and Rodriguez Martin V (1988). Application of the Formation of the Organophosphorus Palladium Complex Determination of Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 37: 275-281.

Chemical of Concern: MLN; Habitat: T

Hernandez Mendez J, Jimenez, D. E. Blas O, Rodriguez Martin V, and Sanchez Lopez E (1985). Indirect Determination of the Pesticide Malathion by Atomic Absorption Spectrophotometry. *Anal lett* 18: 2069-2081.

Chemical of Concern: MLN; Habitat: AT

Hernandez Torres, M. E., Egea Gonzalez, F. J., Castro Cano, M. L., Moreno Frias, M., and Martinez Vidal, J. L. (2002). Residues of Methamidofos, Malathion, and Methiocarb in Greenhouse Crops. *J.Agric.Food Chem.* 50: 1172-1177.

EcoReference No.: 90676

Chemical of Concern: MTM,MLN,MCB; Habitat: T; Effect Codes: ACC; Code: NO CROP(MLN).

Herrick, G. M., Fry, J. L., Fong, W. G., and Golden, D. C. (1969). Pesticide Residues in Eggs Resulting from the Dusting and Short-Time Feeding of Low Levels of Chlorinated Hydrocarbon Insecticides to Hens. *J.Agric.Food Chem.* 17 (2): 291-295.

EcoReference No.: 37100

Chemical of Concern: MLN,CBL,DDT,HCCH,MXC,AND,CHD; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(ALL CHEMS).

Herricks, E. E. (1987). Symposium on the Effects of Contaminants on Ecological Systems Blacksburg Virginia Usa November 17-19 1986. *Water sci technol* 19: 1-124.

Chemical of Concern: MLN; Habitat: AT

Hertzman, C., Wiens, M., Bowering, D., Snow, B., and Calne, D. (1990). Parkinson's Disease: a Case-Control Study of Occupational and Environmental Risk Factors. *Am j ind med* 17: 349-356.

Chemical of Concern: MLN; Habitat: T

Hidayat, I. and Preston, C. (2001). Cross-Resistance to Imazethapyr in a Fluazifop-p-Butyl-Resistant Population of *Digitaria sanguinalis*. *Pestic.Biochem.Physiol.* 71: 190-195.

EcoReference No.: 89563

Chemical of Concern: FZFPB,MLN,IZT,IZP,IMB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(FZFPB,MLN,IZT),NO IN VITRO(IZP,MB).

Hillmann, R. and Baechmann, K. (1995). Extraction of Pesticides Using Supercritical Trifluoromethane and Carbon Dioxide. *Journal of chromatography a* 695: 149-154.

Chemical of Concern: MLN; Habitat: T

Hilsenhoff, W. L. (1959). The Evaluation of Insecticides for the Control of *Tendipes plumosus* (Linnaeus). *J.Econ.Entomol.* 52: 331-332.

EcoReference No.: 2904

Chemical of Concern: AZ,DZ,MP,PRT,PAN,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,DZ,PRT),OK(PAN,MP),NO ENDPOINT(MLN).

Hilsenhoff, W. L. (1962). Toxicity of Granular Malathion to Walleyed Pike Fingerlings. *Mosq.News* 22: 14-15.

EcoReference No.: 8007

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Himeidan, Y. E., Dukeen, M. Y., El-Rayah, E. A., and Adam, I. (2004). *Anopheles arabiensis*: Abundance and Insecticide Resistance in an Irrigated Area of Eastern Sudan. *East.Mediterr.Health J.* 10: 167-174.

EcoReference No.: 87311

Chemical of Concern: FNT,DDT,MLN; Habitat: T; Effect Codes: POP; Code: TARGET MLN.

Hiskia, A. E., Atmajidou, M. E., and Tsiipi, D. F. (1998). Determination of Organophosphorus Pesticide Residues in Greek Virgin Olive Oil by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 46: 570-574.

Chemical of Concern: MLN; Habitat: AT

Hislop, R. G. and Prokopy, R. J. (1981). Integrated Management of Phytophagous Mites in Massachusetts (U.S.A.) Apple Orchards. 2. Influence of Pesticides on the Predator *Amblyseius fallacis* (Acarina: Phytoseiidae) Under Laboratory and Field Conditions. *Prot.Ecol.* 3: 157-172.

EcoReference No.: 70632

Chemical of Concern:

MOM,CBL,PHSL,DZ,DEM,DMT,FNV,PMR,PPHD,MLN,PSM,AZ,MP,ES,MXC,FTTCl,DCF,CHX,PPG,FO,BMY,DOD,Maneb,THM,Captan,FBM,PAQT,GYP,SZ,DMZ,EPH,NAA,CaCl₂; Habitat: T; Effect Codes: MOR,REP,POP; Code: NO ENDPOINT(ALL CHEMS),TARGET(MP).

Hitchcock, S. W. and Anderson, J. F. (1968). Field-Plot Tests with Insecticides for Control of *Chironomus atrella*. *J.Econ.Entomol.* 61: 16-19.

EcoReference No.: 94007

Chemical of Concern: TMP,MLN,Naled,PYN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN,Naled).

Hladka, A., Kovac, J., and Krampfl, V. (Residue Determination of Organophosphorus Pesticides in Animal Tissues by Temperature Programmed Gc and Tlc Methods. *Fresenius' z. Anal. Chem.* 274(5): 371-373 1975..

Chemical of Concern: MLO; Habitat: AT

Hladka, A., Krampl, V., and Kovac, J. (1974). Effect of Malathion on the Content of Fenitrothion and Fenitrooxone in the Rat. *Bull.Environ.Contam.Toxicol.* 12: 38-45.

EcoReference No.: 37128

Chemical of Concern: FNTH,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(ALL CHEMS).

Ho, O. K., Ming, C. L., and Lok, C. K. (1981). Current Insecticidal Susceptibility Status of Mosquitoes in Singapore. *Southeast Asian J.Trop.Med.Public Health* 12: 222-227.

EcoReference No.: 72098

Chemical of Concern: DDT,DLD,HCCH,CPY,RSM,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(DDT,DLD,HCCH,CPY,RSM,MLN).

Ho, T. M., Fauziah, M. K., and Saleh, I. (1992). Laboratory Evaluation of Five Pesticides for Control of *Leptotrombidium fletcheri* (Acari: Trombiculidae). *Southeast Asian J.Trop.Med.Public Health* 23: 125-127.

EcoReference No.: 74243

Chemical of Concern: DLD,DCF,FNTH; Habitat: T; Effect Codes: MOR; Code: NO COC(MLT),OK(TARGET-MLN).

Hodgson, E. (1987). Reviews in Environmental Toxicology 3. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: Xi+287p.*

Chemical of Concern: MLN; Habitat: AT

Hoellinger, H., Sonnier, M., Gray, A. J., Connors, T. A., Pichon, J., and Nguyen-Hoang-Nam (1985). In Vitro Covalent Binding of Cismethrin, Bioresmethrin, and Their Common Alcohol to Hepatic Proteins. *Toxicology and Applied Pharmacology* 77: 11-18.

Chemical of Concern: MLN; Habitat: T

Hoellinger, H., Sonnier, M., Pichon, J., Lecorsier, A., Do, C. T., and Nguyen, H. N. (1983). In Vivo Covalent Binding of Cismethrin and Bioresmethrin to Hepatic Proteins. *Toxicol.Lett.* 19: 179-187.

EcoReference No.: 69759

Chemical of Concern: BRSM,RSM,MLN; Habitat: T; Effect Codes: BCM,PHY,CEL; Code: LITE EVAL CODED(RSM),NO MIXTURE(MLN).

Hoffman, E. R. (1995). Biochemical, Fitness, and Genetic Effects of DDT and Malathion Selection on Two Populations of *Chironomus riparius*: Population and Insecticide Specific Response to Selection for Resistance. *Ph.D.Thesis, Ohio State Univ., Columbus, OH* 158 p. (UMI #9526035) (Publ As 14897, 89488, 89489, 89490).

Chemical of Concern: MLN,DDT; Habitat: A; Code: NO PUBL AS.

Hoffman, E. R., Fishar, S. W., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Comparison of a Field and Derived Laboratory Population of *Chironomus Riparius*: Biochemical and Fitness Evidence for Population Divergence. **13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.**

Chemical of Concern: MLN; Habitat: T

Hoffman, R. S., Capel, P. D., and Larson, S. J. (2000). Comparison of Pesticides in Eight U.s. Urban Streams. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 19, no. 9, pp. 2249-2258. Aug 2000.

Chemical of Concern: MLN; Habitat: A

Hof, A. A., Fayed, A. E., Abou Arab a Ak, and Magdoub, M. Ni (1989). Influence of Insecticide Residues on Growth and Activity of Streptococcus-Diacetilactis and Leuconostoc-Cremoris. *Mircen j appl microbiol biotechnol* 5: 181-186 .

Chemical of Concern: MLN; Habitat: AT

Holck, A. R. and Meek, C. L. (1987). Dose-Mortality Responses of Crawfish and Mosquitoes to Selected Pesticides. *J.Am.Mosq.Control Assoc.* 3: 407-411.

EcoReference No.: 12810

Chemical of Concern: RSM,GYP,MLN,TBC,PPX,BDC; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(RSM),OK(ALL CHEMS),NO CONTROL(MLN).

Holiday, A. D. and Hardin, D. P. (1980). Activated Carbon Treatment of Pesticide Containing Water. *Chem.Eng.* :6 p.

Chemical of Concern: 24DXY,TBO,PRT,MLN,MTL,CBL,ATZ; Habitat: AT; Code: NO SPECIES(24DXY,TBO,PRT,MLN,MTL,CBL,ATZ).

Holland, H. T. and Lowe, J. I. (1966). Malathion: Chronic Effects on Estuarine Fish. *Mosq.News* 26: 383-385.

EcoReference No.: 2892

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Holland, P. T., Mcnaughton, D. E., and Malcolm, C. P. (1994). Multiresidue Analysis of Pesticides in Wines by Solid-Phase Extraction. *Journal of aoac international* 77: 79-86.

Chemical of Concern: MLN; Habitat: T

Hollingshaus, J. G. and Fukuto, T. R. (1982). Effect of Chronic Exposure to Pesticides on Delayed Neurotoxicity. *In: J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems, Raven Press, NY* 85, 113-120.

Chemical of Concern: As,Pb,Hg,Ni,Tl,MLN; Habitat: T

Holstege, D. M., Scharberg, D. L., Richardson, E. R., and Moller, G. (1991). Multiresidue Screen for Organophosphorus Insecticides Using Gel Permeation Chromatography - Silica Gel Cleanup. *J.Assoc.Off.Anal.Chem.* 74: 394-399.

Chemical of Concern:

PTP,PPHD,MDT,IFP,FNF,FMP,EP,ACP,AZ,CPY,CMPH,DZ,DS,DDVP,DMT,FNTH,MLN,MP,MVP,Naled,PRN,PRT,PHSL,PSM,TBO,DEM,DS,ETN,SLCD; Habitat: T; Code: NO IN VITRO(MDT,FMP,ACP,AZ,CPY,DZ,DMT,MLN,MP,MVP,Naled,PRT,PSM,CMPH,TBO,PTP,EP,DDVP),METHODS(SLCD).

Holstege, D. M., Scharberg, D. L., Tor, E. R., Hart, L. C., and Galey, F. D. (1994). A Rapid Multiresidue Screen for

Organophosphorus, Organochlorine, and N-Methyl Carbamate Insecticides in Plant and Animal Tissues. *Journal of aoac international* 77: 1263-1274.

Chemical of Concern: MLN; Habitat: T

Holwerda, B. C. and Morton, R. A. (1983). The In Vitro Degradation of (14C)Malathion by Enzymatic Extracts from Resistant and Susceptible Strains of *Drosophila melanogaster*. *Pestic.Biochem.Physiol.* 20: 151-160.

EcoReference No.: 106065

Chemical of Concern: CBL,PRN,DZ,TBF,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TBF,CBL,DZ,MLN).

Holwerda, B. C. and Morton, R. A. (1983). The in Vitro Degradation of (Super(14)C)Malathion by Enzymatic Extracts From Resistant and Susceptible Strains of *Drosophila Melanogaster* . *Pesticide Biochemistry and Physiology [PESTIC. BIOCHEM. PHYSIOL.]*. Vol. 20, no. 2, pp. 151-160. 1983.

Chemical of Concern: MLN; Habitat: T

Hong, F. and Pehkonen, S. (1997). Pesticides Hydrolysis Using Simulated Environmental Conditions Rates Mechanisms and Product Analysis. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Envr 80.

Chemical of Concern: MLN; Habitat: AT

Hong, J., Eo, Y., Rhee, J., Kim, T., and Kim, K. (1993). Simultaneous Analysis of 25 Pesticides in Crops Using Gas Chromatography and Their Identification by Gas Chromatography-Mass Spectrometry. *J chromatogr* 639: 261-271.

Chemical of Concern: MLN; Habitat: T

Hong, S. and Lemley, A. T. (1997). Gc-Ms Analysis of Alachlor Malathion and Their Degradation Products by Direct Injection of Aqueous Samples. *214th american chemical society national meeting, las vegas, nevada, usa, september 7-11, 1997. Abstracts of papers american chemical society* 214: Agro 66.

Chemical of Concern: MLN; Habitat: A

Honmi, Y., Miyata, T., and Saito, T. (1987). Cross Resistance in the Brown Planthopper, *Nilaparvata Lugens Staal* (Hemiptera: Delphacidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 31, no. 1, pp. 76-78. 1987.

Chemical of Concern: MLN; Habitat: AT

Hontela, A., Rasmussen, J. B., and Chevalier, G. (1993). Endocrine Responses as Indicators of Sublethal Toxic Stress in Fish From Polluted Environments. *Water pollution research journal of canada* 28: 767-780.

Chemical of Concern: MLN; Habitat: A

Hoogweg, P. Ha, Wulffraat, K. J., and Van, D. E. Wetering B Gm (1991). North Sea Strategies. *International conference on the environmental management of enclosed coastal seas '90, kobe, japan, august 3-6, 1990. Mar pollut bull* 23: 57-62.

Chemical of Concern: MLN; Habitat: A

Hooper, G. H. S. (1976). Esterase Mediated Hydrolysis of Naphthyl Esters, Malathion, Methoprene, and Cecropia Juvenile Hormone in *Culex Pipiens Pipiens*. *Insect Biochemistry* 6: 255-266 .

Chemical of Concern: MLN; Habitat: T

Hopper, M. L. and King, J. W. (1991). Enhanced Supercritical Fluid Carbon Dioxide Extraction of Pesticides From Foods Using Pelletized Diatomaceous Earth. *J assoc off anal chem* 74: 661-666.

Chemical of Concern: MLN; Habitat: AT

Hopper, M. L., King, J. W., Johnson, J. H., Serino, A. A., and Butler, R. J. (1995). Multivessel Supercritical Fluid Extraction of Food Items in Total Diet Study. *Journal of aoac international* 78: 1072-1079.

Chemical of Concern: MLN; Habitat: T

Hornby, J. A., Robinson, J., Opp, W., and Sterling, M. (Laser-Diffraction Characterization of Flat-Fan Nozzles Used to Develop Aerosol Clouds of Aerially Applied Mosquito Adulticides. *J am mosq control assoc.* 2006, dec; 22(4):702-6. [*Journal of the american mosquito control association*]: *J Am Mosq Control Assoc.*

Chemical of Concern: MLN; Habitat: T

Hornsby, A. G., Buttler, T. M., and Brown, R. B. (1993). Managing Pesticides for Crop Production and Water Quality Protection: Practical Grower Guides. *Agriculture ecosystems & environment* 46: 187-196.

Chemical of Concern: MLN; Habitat: T

Hoshiya, T., Hasegawa, R., Hakoi, K., Lin, C., Ogiso, T., Cabral, R., and Ito, N. (1993). Enhancement by Non-mutagenic Pesticides of GST-P Positive Hepatic Foci Development Initiated with Diethylnitrosamine in the Rat. *Cancer Lett.* 72: 59-64.

EcoReference No.: 75341

Chemical of Concern: DCNA,NSA,DLN,VCZ,MLN; Habitat: T; Effect Codes: PHY,BCM; Code: NO ENDPOINT(ALL CHEMS).

Hosoda, A. (1989). Incidence of Insecticide Resistance in the White-Backed Planthopper, Sogatella Furcifera Horvath (Homoptera: Delphacidae) to Organophosphates. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 33, no. 4, pp. 193-197. 1989.

Chemical of Concern: MLN; Habitat: AT

Hosokawa, M., Maki, T., and Satoh, T. (1986). Multiplicity and Regulation of Three Isozymes of Hepatic Microsomal Carboxylesterase in Rats. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 174.

Chemical of Concern: MLN; Habitat: T

Hosokawa, M., Satoh, T., Ohkawara, S., Ohmori, S., Igarashi, T., Ueno, K., and Kitagawa, H. (1985). Characterization and Purification of Various Carboxylesterase Isozymes From Rat Liver Microsome. *16th symposium on drug metabolism and action, gifu, japan, nov. 9-10, 1984. J pharmacobiodyn* 8: S-155.

Chemical of Concern: MLN; Habitat: T

Hou, X., Fields, P., and Taylor, W. (2004). Combination of Protein-Rich Pea Flour and Pea Extract With Insecticides and Enzyme Inhibitors for Control of Stored-Product Beetles. *Canadian Entomologist [Can. Entomol.]*. Vol. 136, no. 4, pp. 581-590. Jul-Aug 2004.

Chemical of Concern: MLN; Habitat: T

Houk, Virginia S. and DeMarini, David M. (1987). Induction of Prophage Lambda by Chlorinated Pesticides. *Mutation Research/Environmental Mutagenesis and Related Subjects* 182: 193-201.

Chemical of Concern: MLN; Habitat: AT

Hour, T. C., Chen, L., and Lin, J. K. (1998). Comparative Investigation on the Mutagenicities of Organophosphate, Phthalimide, Pyrethroid and Carbamate Insecticides by the Ames and Lactam Tests. *Mutagenesis* 13: 157-166.

Chemical of Concern: MLN; Habitat: AT

House, W. A., Leach, D., Long, J. L. A., Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers: U.K. Fluxes to the North Sea, Land Ocean Interaction Study (LOIS) Rivers Basins Research, the First Two Years. *Science of The Total Environment* 194-195: 357-371.

Chemical of Concern: MLN; Habitat: A

House, W. A., Leach, D., Long, J. La, Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers. *Science of the total environment* 194-195: 357-371.

Chemical of Concern: MLN; Habitat: A

House, W. A., Rae, J. E., and Kimblin, R. T. (1992). Source-Sediment Controls on the Riverine Transport of Pesticides.

Chemical of Concern: MLN; Habitat: A

Houx, N. W. H., Jongen, W. M. F., De Vries, A. W., Welling, W., and Dekker, A. (Analysis of Polar Metabolites of Organophosphorus Insecticides on an Anion-Exchange Chromatographic Column. *Pestic. Sci.* 10(3): 185-200 1979 (24 references).

Chemical of Concern: MLO; Habitat: AT

Howgate, P. (1998). Review of the Public Health Safety of Products From Aquaculture. *International journal of food science & technology* 33: 99-125.

Chemical of Concern: MLN; Habitat: T

Hoy, M. A. (1990). Pesticide Resistance in Arthropod Natural Enemies Variability and Selection Responses. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. Ix+303p. Routledge, chapman and hall: new york, new york, usa London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 203-236.*

Chemical of Concern: MLN; Habitat: T

Hsiao Cheng-Ting, Yang Chen-Chang, Deng Jou-Fang , Bullard, M. J., and Liaw Shiumn-Jen (1996). Acute Pancreatitis Following Organophosphate Intoxication. *Journal of Toxicology: Clinical Toxicology [J. TOXICOL.: CLIN. TOXICOL.]*. Vol. 34, no. 3, pp. 343-347. May 1996.

Chemical of Concern: MLN; Habitat: T

Hsu, J.-C., Feng, H.-T., and Wu, W.-J. (2004). Resistance and Synergistic Effects of Insecticides in Bactrocera

dorsalis (Diptera: Tephritidae) in Taiwan. *J.Econ.Entomol.* 97: 1682-1688.

EcoReference No.: 88087

Chemical of Concern: Naled,TCF,FNT,FNTH,MLN,MOM,CYF,CYP,FNV; Habitat: T; Effect Codes: MOR; Code: OK TARGET(ALL CHEMS),TARGET(Naled).

Huang, C. C. (1973). Effect on Growth but not on Chromosomes of the Mammalian Cells After Treatment with Three Organophosphorus Insecticides (36952). *Proc.Soc.Exp.Biol.Med.* 142: 36-40.

Chemical of Concern: MLN,DS,MP; Habitat: T; Code: NO IN VITRO(MLN,DS,MP).

Huck, P. M. and Toft, P. (1987). Treatment of Drinking Water for Organic Contaminants Second National Conference Edmonton Alberta Canada April 7-8 1986. *Huck, p. M. And p. Toft (ed.). Treatment of drinking water for organic contaminants* Second national conference, edmonton, alberta, canada, april 7-8, 1986. Ix+383p. Pergamon press: new york, new york, usa; oxford, england, uk. Illus. Maps. Isbn 0-08-031876-2.; 0: Ix+383p.

Chemical of Concern: MLN; Habitat: A

Huddleston, E. W., Ledson, T. M., Ross, J. B., Sanderson, R., Miller, D. R., Steinke, W. E., Aylor, D. E., and Perry, S. G. (Development of a Pesticide Drift Model for Orchard Air-Blast Spraying. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x.; 0 (0). 1996. 1187-1192.*

Chemical of Concern: MLN; Habitat: T

Hudson, J. E. (1983). Susceptibility of *Aedes aegypti* and *Culex quinquefasciatus* to Insecticides in Paramaribo, Suriname, 1979-1981, and Experimental Selection for Resistance. *Cah.Orstom, Ser.Entomol.Med.Parasitol.* 21: 275-279.

EcoReference No.: 89136

Chemical of Concern: DDT,DLD,CPY,FNT,MLN,TMP,PPX; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Huff, J. E., Bates, R., Eustis, S. L., Haseman, J. K., and McConnell, E. E. (1985). Malathion and Malaoxon: Histopathology Reexamination of the National Cancer Institute's Carcinogenesis Studies. *Environmental Research* 37: 154-173.

Chemical of Concern: MLN; Habitat: T

Hunje, R. V., Kulkarni, G. N., Shashidhara, S. D., and Vyakaranahal, B. S. (1990). Effect of Insecticide and Fungicide Treatment on Cowpea Seed Quality. *Seed Res.* 18: 90-92.

EcoReference No.: 89009

Chemical of Concern: MLN,HCCH,MZB,THM; Habitat: T; Effect Codes: REP,GRO; Code: OK(HCCH,THM),NO CROP(MLN,MZB).

Hunt, E. G. and Keith, J. O. (1962). Pesticide-Wildlife Investigations in California - 1962. *Proc.2nd Annu.Conf.on the Use of Agricultural Chemicals in California - a Summary of the Problems and Progress in Solving Them, Univ.of California, Davis, CA* 29 p.

EcoReference No.: 18105

Chemical of Concern: ZnP,TXP,STCH,EN,DDT,DLD,MLN,NaFA; Habitat: AT; Effect Codes: POP,MOR,ACC; Code: NO ENDPOINT(DDT,TXP,DLD,PRN,EN,MLN),CONTROL(DDT,TXP,STCH,ZnP,NaFA,PRN,EN),CONC(

DDD).

Husain, M. M. (1995). Combined Action of Piperonyl Butoxide and Some Insecticides on *Tribolium Confusum* Duval. *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 27, no. 4, pp. 377-378. 1995.

Chemical of Concern: MLN; Habitat: T

Hussain, T. and Saeed, M. (1984). Laboratory Assessment of Some Pesticides Against *Coccinella septempunctata* Linn. (Coleoptera: Coccinellidae). *Sind Univ.Res.J.(Sci.Ser.)* 16: 1-8.

EcoReference No.: 91589

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BEH; Code: OK TARGET(MLN).

Huston, Patrick L. and Pignatello, Joseph J. (1999). Degradation of Selected Pesticide Active Ingredients and Commercial Formulations in Water by the Photo-Assisted Fenton Reaction. *Water Research* 33: 1238-1246.

Chemical of Concern: MLN; Habitat: AT

Hutchinson, T. H., Scholz, N., and Guhl, W. (1998). Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iv - Comparative Toxicity of Chemical Substances to Freshwater Versus Saltwater Organisms. *Chemosphere* 36: 143-153.

Chemical of Concern: MLN; Habitat: T

Hutchinson, T. H., Solbe, J., and Kloepper-Sams, P. J. (Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iii - Comparative Toxicity of Chemical Substances to Different Life Stages of Aquatic Organisms.

Chemical of Concern: MLN; Habitat: A

Hutchison, W. D., Bartels, D. W., and Rinkleff, J. H. (1994). Alfalfa Insect Control on Spring Regrowth in Minnesota, 1991. *Arthropod Manag.Tests* 19: 169-170 (No. 4F).

EcoReference No.: 88953

Chemical of Concern: MP,PMR,CYH,CPY,MLN; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET(MLN),TARGET(MP).

Hutchison, W. D., Bartels, D. W., Rinkleff, J. H., Gingera, G. J., and Fossey, C. R. (1994). Alfalfa Insect Control During the Third Regrowth Cycle in Minnesota Alfalfa, 1992. *Arthropod Manag.Tests* 19: 171-172 (No. 5F).

EcoReference No.: 88951

Chemical of Concern: DMT,CPY,PMR,CYH,MLN,MP; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET(MLN),TARGET(MP).

Hyari, S., Kadoum, A. M., and LaHue, D. W. (1977). Laboratory Evaluations of Emulsifiable and Encapsulated Formulations of Malathion and Fenitrothion on Soft Red Winter Wheat Against Attack by Adults of Four Species of Stored-Product Insects. *J.Econ.Entomol.* 70: 480-482.

EcoReference No.: 100499

Chemical of Concern: MLN,FNT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL,TARGET(MLN,FNT).

Igarashi, A., Ohtsu, S., Muroi, M., and Tanamoto, K. (2006). Effects of Possible Endocrine Disrupting Chemicals on Bacterial Component-Induced Activation of NF-KB. *Biol.Pharm.Bull.* 29: 2120-2122.

Chemical of Concern:

ACR,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,TFN,VCZ,Ziram;
Habitat: T; Code: NO IN VITRO(ALL CHEMS).

Igarashi, A., Ohtsu, S., Muroi, M., and Tanamoto, K. (2006). Effects of Possible Endocrine Disrupting Chemicals on Bacterial Component-Induced Activation of Nf-Kb. *Biol.Pharm.Bull.* 29: 2120-2122.

Chemical of Concern:

ACR,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,TFN,VCZ,Ziram;
Habitat: T

Illing, H. Pa (1997). Is Working in Greenhouses Healthy? Evidence Concerning the Toxic Risks That Might Affect Greenhouse Workers. *Occupational medicine (london)* 47: 281-293.

Chemical of Concern: MLN; Habitat: T

Imamura, T., Gandy, J., and Hasegawa, L. (1985). Development of Tolerance to a Pneumotoxic Impurity of Malathion. *J toxicol environ health* 15: 279-292.

Chemical of Concern: MLN; Habitat: T

Imamura, T. and Hasegawa, L. (1984). Effects of an Impurity on Malathion and Its Structural Analog on Rat Liver Carboxylesterases and Erythrocyte Esterases. *Pestic.Biochem.Physiol.* 22: 312-320.

EcoReference No.: 89330

Chemical of Concern: MLN,PPB; Habitat: T; Effect Codes: BCM; Code: OK(PPB),NO MIXTURE(MLN).

Imamura, T. and Hasegawa, L. (1984). Role of Metabolic Activation, Covalent Binding, and Glutathione Depletion in Pulmonary Toxicity Produced by an Impurity of Malathion. *Toxicol.Appl.Pharmacol.* 72: 476-483.

EcoReference No.: 37229; Habitat: T; Effect Codes: BCM,ACC,CEL; Code: NO COC(MLN).

Imamura, T. and Hasegawa, L. (1984). Subcellular Distribution of Malathion, Phenthoate, and Diethylsuccinate Carboxylesterases in Rat Lungs. *Pestic.Biochem.Physiol.* 22: 321-328.

EcoReference No.: 89367

Chemical of Concern: PQT,MLN; Habitat: T; Effect Codes: BCM,GRO; Code: OK(PQT),NO IN VITRO(MLN).

Imamura, T., Schiller, N. L., and Fukuto, T. R. (1983). Malathion and Phenthoate Carboxylesterase Activity in Pulmonary Alveolar Macrophages as Indicators of Lung Injury. *Toxicol.Appl.Pharmacol.* 70: 140-147.

EcoReference No.: 37230

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Code: NO CONTROL(MLN).

Imamura, Toshiko and Talcott, Ronald E. (1985). Mutagenic and Alkylating Activities of Organophosphate Impurities of Commercial Malathion. *Mutation Research/Genetic Toxicology* 155: 1-6.

Chemical of Concern: MLN; Habitat: T

Inagaki, H., Imaizumi, T., Wang, G. X., Tominaga, T., Kato, K., Iyozumi, H., and Nukui, H. (2007). Spontaneous Ultraweak Photon Emission from Rice (*Oryza sativa* L.) and Paddy Weeds Treated with a Sulfonylurea Herbicide. *Pestic.Biochem.Physiol.* 89: 158-162.

Chemical of Concern: BSFM,MLN,PPB; Habitat: AT; Code: NO IN VITRO(MLN,PPB).

Inbaraj, R. M. and Haider, S. (1988). Effect of Malathion and Endosulfan on Brain Acetylcholinesterase and Ovarian Steroidogenesis of *Channa punctatus* (Bloch). *Ecotoxicol.Environ.Saf.* 16: 123-128.

EcoReference No.: 13145

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: REP,BCM; Code: NO ENDPOINT(MLN).

Ingram, J. C., Groenewold, G. S., Appelhans, A. D., Delmore, J. E., Olson, J. E., and Miller, D. L. (1997). Direct Surface Analysis of Pesticides on Soil, Leaves, Grass, and Stainless Steel by Static Secondary Ion Mass Spectrometry. *Environmental science & technology* 31: 402-408.

Chemical of Concern: MLN; Habitat: AT

Inoue, K. (1987). 1986 Evaluation of Candidate Pesticides a-III Insecticides Fruit Trees. *Jpn.Pestic.Inf.* 50: 28-29.

Chemical of Concern: MLN,TDC,CTZ,EFV,PSM; Habitat: T; Code: EFFICACY(PSM,MLN).

Inoue, S., Saito, T., Mase, H., Suzuki, Y., Takazawa, K., Yamamoto, I., and Inokuchi, S. (Rapid Simultaneous Determination for Organophosphorus Pesticides in Human Serum by Lc-Ms. *J pharm biomed anal.* 2007, may 9; 44(1):258-64. [*Journal of pharmaceutical and biomedical analysis*]: *J Pharm Biomed Anal.*

Chemical of Concern: MLN; Habitat: T

Inoue, Y. and Mihara, M. (1975). Studies on the Japanese Chironomid Midges as a Nuisence. 1.larvicidal Effects of Some Organophosphorus Insecticides Against the Last Instar Larvae of Chironomus Yoshimatsui Martin and Sublette. *Jap. J. Sanit. Zool. Vol. 26, no. 2-3, pp. 135-138. 1975.*

Chemical of Concern: MLN; Habitat: AT

Ishaaya, I., Yablonski, S., Wright, J. E., and Retnakaran, A. (eds) (1987). Toxicity of Two Benzoylphenyl Ureas Against Insecticide Resistant Mealworms.

Chemical of Concern: MLN; Habitat: T

Islam, N., Bhuiyah, I. M., Begum, A., and Karim, M. A. (1990). Field Evaluation of Foliar Insecticides for the Control of the Mustard Aphid, *Lipaphis erysimi* Kaltenbach. *Bangladesh J.Zool.* 18: 185-188.

EcoReference No.: 89591

Chemical of Concern: PPHD,MLN,ENV,DMT,OXD; Habitat: T; Effect Codes: POP; Code: OK(PPHD,FNV,DMT),NO ENDPOINT(TARGET-MLN,OXD).

Isono, H. and Miyaara, S. (Direct Detection of Glutathione-S-Transferase on a Gel Plate by Treatment With Glutathione and 1 Chloro-2 4-Dinitrobenzene. *Eisei kagaku*; 31 (6). 1985 (recd. 1986). 377-384.

Chemical of Concern: MLN; Habitat: AT

Isshiki, K., Miyata, K., Matsui, S., Tsutsumi, M., and Watanabe, T. (1983). Effects of Post-Harvest Fungicides and Piperonyl Butoxide on the Acute Toxicity of Pesticides in Mice. Safety Evaluation for Intake of Food Additives. Iii. *J. FOOD HYG. SOC. JAP. Vol. 24, no. 3, pp. 268-274. 1983.*

Chemical of Concern: MLN; Habitat: AT

Ito, N., Hagiwara, A., Tamano, S., Hasegawa, R., Imaida, K., Hirose, M., and Shirai, T. (1995). Lack of

Carcinogenicity of Pesticide Mixtures Administered in the Diet at Acceptable Daily Intake (ADI) Dose Levels in Rats. *Toxicol.Lett.* 82/83: 513-520.

Chemical of Concern:

MYC,MLX,FRM,VCZ,BS,FNV,CYF,CYH,OML,TDF,MZB,Maneb,CAP,DBN,TFN,GYP,24D,CTZ,PSM,PMR,CYP,DCF,TCM,TCF,ACP,CPY,DDVP,DMT,ES,FNT,MLN,MDT,PIRM,FST; Habitat: T; Code: NO MIXTURE(ALL CHEMS).

Ivashin, V. M., Bandazhevsky, Y. u. I., Obozny, N. D., and Zakharchenko, R. G. (1989). Development of Addiction to Carbophos in the Offspring of Rats at Administration During Pregnancy. *FARMAKOL. TOKSIKOL. no. 1, pp. 87-89. 1989.*

Chemical of Concern: MLN; Habitat: AT

Ivashin, V. M., Chumakova, O. V., Bandazhevsky, Y. I., Obozny, N. D., and Zakharchenko, R. G. (1991). Activity of Cholinesterase and Rate of Maturation of Sensomotor Reflexes in the Albino Rat Offspring Following Carbophos Administration During Pregnancy. *FARMAKOL. TOKSIKOL. Vol. 54, no. 2, pp. 80-81. 1991.*

Chemical of Concern: MLN; Habitat: AT

Iverson, F. (1977). Inhibition and Regeneration of Rat Liver Enzymes Hydrolyzing Acetanilide and O-Nitrophenyl Butyrate. *Bull.Environ.Contam.Toxicol.* 18: 466-471.

EcoReference No.: 103799

Chemical of Concern: MLN,PRN,DZ,AZ,FNT,MOM,CBL,ADC; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN,DZ,FNT,MOM,CBL,ADC).

Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. Iv. Results With 15 Chemicals. *Environmental and molecular mutagenesis, vol. 14, no. 3, pages 165-187, 8 references, 1989.*

Chemical of Concern: MLO; Habitat: T

Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. 4.results With 15 Chemicals. *Environ mol mutagen 14:165-187,1989: ENVIRON MOL MUTAGEN.*

Chemical of Concern: MLO; Habitat: T

Iyaniwura, T. T. (1990). In Vitro Toxicology of Organophosphorus Pesticide Combinations. *In vitro toxicol* 3: 373-377.

Chemical of Concern: MLN; Habitat: T

Iyaniwura, T. T. (1991). Non-Target and Environmental Hazards of Pesticides. *Rev environ health* 9: 161-176.

Chemical of Concern: MLN; Habitat: T

Iyer, V. and Parmar, B. S. (The Isomalathion Problem a Review. *Int j trop agric; 2 (3). 1984 (recd. 1985). 199-204.*

Chemical of Concern: MLN; Habitat: T

Jackson, C. Jr., Lindahl, I. L., Reynolds, P., and Sidwell, G. M. (1975). Effects of Methoxyclor and Malathion on Semen Characteristics of Rams. *J.Anim.Sci.* 40: 514-517.

EcoReference No.: 37274

Chemical of Concern: MLN,MXC; Habitat: T; Effect Codes: REP,CEL; Code: NO
DOM(MLN),OK(MXC).

Jackson, D. M. and Gwynn, G. R. (1988). Tobacco Budworm Control in Tobacco Seed Nurseries, 1987.
Insectic.Acaric.Tests 13: 304-305 (No. 173F).

EcoReference No.: 88859

Chemical of Concern: PMR,MOM,ACP,CBL,MLN,DDVP; Habitat: T; Effect Codes: POP; Code:
OK(DDVP),OK TARGET(ALL CHEMS).

Jackson, J. A., Berkman, C. E., and Thompson, C. M. (1992). Stereoselective and Chemoselective Oxidation of
Phosphorothionates Using Mmpp. *Tetrahedron lett* 33: 6061-6064.

Chemical of Concern: MLN; Habitat: T

Jacob, S. and Verma, S. (1989). Persistence and Decontamination of Malathion on Cauliflower (Brassica oleracea
Var. Botrytis L.) . *Indian J.Entomol.* 51: 377-383.

EcoReference No.: 89175

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Jacob, S. and Verma, S. (1984). Persistence of Malathion on Okra. *Indian J.Agric.Sci.* 54: 993-996.

EcoReference No.: 89889

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO
CONTROL,ENDPOINT(MLN).

Jacob, S. S., Nair, N. B., and Balasubramanian, N. K. (1982). Toxicity of Certain Pesticides Found in the Habitat to
the Larvivorous Fishes Aplocheilus lineatus (Cuv. & Val.) and Macropodus cupanus (Cuv. & Val.).
Proc.Indian Acad.Sci.Anim.Sci. 91: 323-328.

EcoReference No.: 11081

Chemical of Concern: DDT,MLN,CBL; Habitat: A; Effect Codes: MOR; Code: LITE EVAL
CODED(CBL),NO CONTROL(MLN,DDT).

Jacobson, R. M. and Thriugnanam, M. (1990). New Selective Systemic Aphicides. In: D.R.Baker, J.G.Fenyas, and
W.K.Moberg (Eds.), ACS (Am.Chem.Soc) Symp.Ser.No.443, Chapter 26, Synthesis and Chemistry of
Agrichemicals, Washington, D.C. 322-339.

EcoReference No.: 74350

Chemical of Concern: PIM,CPY,DMT,ACP,PPHD,FNV,PHSL,MOM,ADC,MLN,DEM,DS,OML,AZ,ES;
Habitat: T; Code: OK TARGET(ADC,DMT,MLN,ACP,AZ),TARGET(MOM).

Jadhav, R. K., Sharma, V. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1992). Distribution of Malathion in Body
Tissues and Fluids. *Forensic sci int* 52: 223-229.

Chemical of Concern: MLN; Habitat: T

Jaffe, P. R. (1986). Modeling Sorbing Chemicals Considering the Nonsingular Adsorption-Desorption Isotherm. *J
environ sci health part a environ sci eng* 21: 55-70.

Chemical of Concern: MLN; Habitat: T

Jagan, P., Reddy, M. S., and Rao, A. P. (1989). Effect of Certain Insecticides on the Freshwater Fish *Cyprinus carpio carpio*, L. *J.Environ.Biol.* 10: 135-138.

EcoReference No.: 3455

Chemical of Concern: MLN,FNV,ES; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(FNV,ES).

Jain, H. K., Pandey, S. Y., Agnihotri, N. P., and Srivastava, K. P. (1980). Residues of Insecticides in Rice Crop. *Indian J.Entomol.* 42: 675-679.

EcoReference No.: 103872

Chemical of Concern: PRT,DS,MLN,FNT,CPY,ES; Habitat: T; Effect Codes: ACC,POP; Code: NO CONTROL(PRT,DS,MLN,FNT,CPY,ES).

Jamal, G. A. (1997). Neurological Syndromes of Organophosphorus Compounds. *Adverse drug reactions and toxicological reviews* 16: 133-170.

Chemical of Concern: MLN; Habitat: T

James, D. G. (1989). Effect of Pesticides on Survival of *Amblyseius victoriensis* (Womersley), an Important Predatory Mite in Southern New South Wales Peach Orchards. *Plant Prot.Q.* 4: 141-143.

EcoReference No.: 89784

Chemical of Concern:

Zineb,CBD,MZB,BMY,AZ,CBL,PSM,MLN,ES,CTZ,HTX,OTQ,PPG,DCF,IPD,CTN; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED(CTN,MZB),OK(ALL CHEMS),OK TARGET(AZ,CBL,PSM,MLN,HTX).

James, D. G. (2003). Pesticide Susceptibility of Two Coccinellids (*Stethorus punctum picipes* and *Harmonia axyridis*) Important in Biological Control of Mites and Aphids in Washington Hops. *Biocontrol Sci.Technol.* 13: 253-259.

EcoReference No.: 76934

Chemical of Concern: CPY,MLN,PSM,DZ,DMT,CBL,PIM,MOM,ES,IMC,TMX,BFT; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,BFT,DZ,CBL,MOM) .

Jani, J. P., Gupta, S. K., and Kashyap, S. K. (Nutritional Deficiency and Pesticide Toxicity an Experimental Study. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol; 16 (1). 1984 (recd. 1985). 58.*

Chemical of Concern: MLN; Habitat: T

Jauregui, J., Valderrama, B., Albores, A., and Vazquez-Duhalt, R. (2003). Microsomal Transformation of Organophosphorus Pesticides by White Rot Fungi. *Biodegradation* 14: 397-406.

Chemical of Concern: TCF,TBF,AZ,CPY,FNF,MLN,PSM,TBO; Habitat: T; Code: NO FATE.

Javaid, I. and Mpotokwane, S. M. (1997). Evaluation of Plant Material for the Control of *Callosobruchus Maculatus* Fabricius Coleoptera Bruchidae in Cowpea Seeds. *African entomology* 5: 357-359.

Chemical of Concern: MLN; Habitat: T

Jawale, M. D. (1986). Toxicity of DDT and Malathion to the Marine Pulmonate *Onchidium verruculatum*. *Environ.Ecol.* 4: 146-147.

EcoReference No.: 12921

Chemical of Concern: DDT,MLN; Habitat: A; Effect Codes: MOR,PHY; Code: NO
CONTROL(DDT,MLN).

Jayawardena, K. G. I., Karunaratne SHPP, Ketterman, A. J., and Hemingway, J. *. (1994). Determination of the Role of Elevated B Sub(2) Esterase in Insecticide Resistance in *Culex Quinquefasciatus* (Diptera: Culicidae) From Studies on the Purified Enzyme. *Bulletin of Entomological Research [BULL. ENTOMOL. RES.]*. Vol. 84, no. 1, pp. 39-44. 1994.

Chemical of Concern: MLN; Habitat: T

Jeanty, G., Wojciechowska, A., Marty, J. L., and Trojanowicz, M. (Flow-Injection Amperometric Determination of Pesticides on the Basis of Their Inhibition of Immobilized Acetylcholinesterases of Different Origin. *Anal bioanal chem.* 2002, apr; 373(8):691-5. [*Analytical and bioanalytical chemistry*]: *Anal Bioanal Chem.*

Chemical of Concern: MLO; Habitat: AT

Jensen, E. (1992). Integrated Pest Management at the Grower Level. *International meeting on integrated control of pests and diseases in protected crops and greenhouses, noordwijkerhout, netherlands, may 19-20, 1992. Pestic sci* 36: 355-357.

Chemical of Concern: MLN; Habitat: T

Jensen, I. H. and Bile, N. (1996). Danish Pest Infestation Laboratory Annual Report 1995. *Danish pest infestation laboratory annual report* 1995: I-ii, 1-85.

Chemical of Concern: MLN; Habitat: AT

Jensen, L. D. and Gaufin, A. R. (1964). Long-Term Effects of Organic Insecticides on Two Species of Stonefly Naiads. *Trans.Am.Fish.Soc.* 93: 357-363.

EcoReference No.: 2238

Chemical of Concern: DS,MLN,PRN,DDT; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(ALL CHEMS).

Jensen, T., Lawler, S. P., and Dritz, D. A. (1999). Effects of Ultra-Low Volume Pyrethrin, Malathion, and Permethrin on Nontarget Invertebrates, Sentinel Mosquitoes, and Mosquitofish in Seasonally Impounded Wetlands. *J.Am.Mosq.Control Assoc.* 15: 330-338.

EcoReference No.: 62233

Chemical of Concern: PMR,MLN,PYN; Habitat: AT; Effect Codes: MOR,POP; Code: OK(ALL
CHEMS),TARGET MLN.

Jetten, J., De Kruijf N, and Van, D. E. N. Berg F (1994). Polyethylene Terephthalate Bottles (Prbs): a Health and Safety Assessment. Au - Feron Vj. *Food additives and contaminants* 11: 571-594.

Chemical of Concern: MLN; Habitat: T

Jhala, R. C., Patel, K. G., Patel, C. B., and Shah, A. H. (1990). Field Efficacy of Different Insecticides for the Control of Mango Leaf-Gall Midge *Procontarinia matteiana* Kieffer and Cecconi. *Int.Pest Control* 32: 40-41.

EcoReference No.: 89280

Chemical of Concern: DMT,MLN,ES,MP,OXD,PPHD; Habitat: T; Effect Codes: POP; Code:
OK(DMT,ES,MP,PPHD),OK TARGET(OXD,MLN),TARGET(MP).

Jhala, R. C., Patel, Z. P., Patel, K. G., Patel, M. B., and Patel, C. B. (1993). Chemical Control of Bud Boring Insects, *Anarsia achrasella* Bradley and *Nephopteryx eugraphella* Ragonot on Sapota. *Int.Pest Control* 35: 75-77.

EcoReference No.: 93223

Chemical of Concern: MLN,FNTH,ES,CBL,PHSL,PMR,FNV; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES),TARGET(MLN,FNTH,CBL,PHSL,FNV),OK(PMR).

Jianmongkol, S., Berkman, C. E., Thompson, C. M. , and Richardson, R. J. *. (1996). Relative Potencies of the Four Stereoisomers of Isomalathion for Inhibition of Hen Brain Acetylcholinesterase and Neurotoxic Esterase in Vitro. *Toxicology and Applied Pharmacology [TOXICOL. APPL. PHARMACOL.]*. Vol. 139, no. 2, pp. 342-348. Aug 1996.

Chemical of Concern: MLN; Habitat: T

Jianmongkol, Suree, Marable, Brian R., Berkman, Clifford E., Talley, Todd T., Thompson, Charles M., and Richardson, Rudy J. (1999). Kinetic Evidence for Different Mechanisms of Acetylcholinesterase Inhibition by (1r)- and (1s)-Stereoisomers of Isomalathion. *Toxicology and Applied Pharmacology* 155: 43-53.

Chemical of Concern: MLN; Habitat: T

Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Martin, M. T., and Mayorga, A. L. (1998). Solid-Phase Microextraction Applied to the Analysis of Pesticide Residues in Honey Using Gas Chromatography With Electron-Capture Detection. *Journal of chromatography a* 829: 269-277.

Chemical of Concern: MLN; Habitat: T

Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Toribio, L., and Martin, M. T. (1998). Gas Chromatography With Electron-Capture and Nitrogen-Phosphorus Detection in the Analysis of Pesticides in Honey After Elution From a Florisil Column: Influence of the Honey Matrix on the Quantitative Results. *Journal of chromatography a* 823: 381-387.

Chemical of Concern: MLN; Habitat: T

Jin, O. and Kitos, P. (1996). Teratogenic Synergy Between a Thiocarbamate Herbicide and an Organophosphorus Insecticide. *Experimental biology 96, part ii, washington, d.c., Usa, april 14-17, 1996. Faseb journal* 10: A792.

Chemical of Concern: MLN; Habitat: T

Jinxu, S., Bo, C., and Peipei, Y. (2005). Assessment on Acute Toxicity of Combined Pesticides. *J.Hyg.Res.(Wei Sheng Yan Jiu)* 29 : 65-68 (CHI) (ENG ABS).

Chemical of Concern: MOM,OMT,ACYP,DM,MP,DDVP,MTM,PFF,MLN; Habitat: T

Johansen, C. A., Kleinschmidt, M. G., Butler, L. I., McDonough, L. M., and Jackson, D. S. (1974). Adjuvants Decrease Insecticide Hazard to Honey Bees. *Bul.801,College of Agriculture Research Center, Washington State University* 7 p.

EcoReference No.: 37327

Chemical of Concern: MLN,PRN,MP,CBL; Habitat: T; Effect Codes: MOR; Code: OK(CBL),NO CONTROL(MLN,PRN,MP).

Johansen, C. A., Mayer, D. F., Eves, J. D., and Kious, C. W. (1983). Pesticides and Bees. *Environ.Entomol.* 12: 1513-1518.

EcoReference No.: 37328

Chemical of Concern:

PPG,DEM,TCF,Naled,ACP,AZ,CBL,CBF,DDT,CYP,DZ,ES,EN,MLN,PRN,TDC,DMT,AND; Habitat: T; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(Naled),NO CONTROL(ACP,AZ,CBL,CBF,CYP,DZ,MLN,DMT).

Johansen, N. G., Hutte, R. S., and Legier, M. F. (1991). A Gas Chromatography Detector Based on Chemiluminescence for the Determination of Pesticides. *Hall, j. R. And g. D. Glysson (ed.). Astm (american society for testing materials) special technical publication, 1102. Monitoring water in the 1990's: meeting new challenges* Symposium, denver, colorado, usa, june 11-14, 1990. Viii+618p. Astm: philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1407-9.; 0: 255-266.

Chemical of Concern: MLN; Habitat: T

Johnson, C. R. (1978). The Effect of Five Organophosphorus Insecticides on Survival and Temperature Tolerance in the Copepod, *Macrocyclus albidus* (Copepoda: Cyclopidae). *Zool.J.Linn.Soc.* 64: 59-62.

EcoReference No.: 5172

Chemical of Concern: ABT,MLN,FNTH,MP,CPY; Habitat: A; Effect Codes: MOR,BEH; Code: OK(CPY,FNTH),NO ENDPOINT(ABT,MLN,MP).

Johnson, C. R. (1978). The Effects of Sublethal Concentrations of Five Organophosphorus Insecticides on Temperature Tolerance, Reflexes, and Orientation in *Gambusia affinis affinis* (Pisces: Poeciliidae). *Zool.J.Linn.Soc.* 64: 63-70.

EcoReference No.: 5149

Chemical of Concern: MP,ABT,MLN,FNTH,CPY; Habitat: A; Effect Codes: BEH,ACC; Code: NO ENDPOINT(ALL CHEMS).

Johnson, D. R. and Studebaker, G. (1993). Control of Boll Weevils in Cotton, 1991. *Insectic.Acaric.Tests* 18: 228-229 (53F).

EcoReference No.: 90790

Chemical of Concern: MLN,CYF,EFV,LCYT,MP,AZ,ES; Habitat: T; Effect Codes: POP; Code: OK TARGET,NO CROP(MLN,MP,EFV),OK TARGET(CYF,AZ).

Johnson, D. T. and Mayes, R. L. (1987). Blueberry, Fruitworm Insecticide Test, 1986. *Insectic.Acaric.Tests* 12: 77 (No. 072).

EcoReference No.: 88736

Chemical of Concern: AZ,CBL,DZ,MLN,CPY; Habitat: T; Effect Codes: POP; Code: OK(CPY),OK TARGET(AZ,CBL,DZ,MLN).

Johnson, J. C., Van Emon Jm, Pullman, D. R., and Keeper, K. R. (1998). Development and Evaluation of Antisera for Detection of the O,O-Diethyl Phosphorothionate and Phosphorothionothiolate Organophosphorus Pesticides by Immunoassay. *Journal of agricultural and food chemistry* 46: 3116-3123.

Chemical of Concern: MLN; Habitat: AT

Johnson, P. D., Rimmer, D. A., and Brown, R. H. (1997). Adaptation and Application of a Multi-Residue Method for the Determination of a Range of Pesticides, Including Phenoxy Acid Herbicides in Vegetation, Based on High-Resolution Gel Permeation Chromatographic Clean-up and Gas Chromatographic Analysis With Mass-Selective Detection. *Journal of chromatography a* 765: 3-11.

Chemical of Concern: MLN; Habitat: T

Johnson, R. B. and Thompson, W. L. (1954). Studies on the Use of Malathion on Citrus. *Proc.Fla.State Hortic.Soc.*

44-49.

EcoReference No.: 57814

Chemical of Concern: MLN,PRN; Habitat: T; Effect Codes: POP; Code: NO ECOSL CHEM,NO ENDPOINT(PRN,TARGET-MLN).

Johnson, T. B. and Long, E. R. (1998). Rapid Toxicity Assessment of Sediments From Estuarine Ecosystems: a New Tandem in Vitro Testing Approach. *Environmental toxicology and chemistry* 17: 1099-1106.

Chemical of Concern: MLN; Habitat: A

Johnson, W. E., Fendinger, N. J., and Plimmer, J. R. (1991). Solid-Phase Extraction of Pesticides From Water: Possible Interferences From Dissolved Organic Material. *Anal chem* 63: 1510-1513.

Chemical of Concern: MLN; Habitat: A

Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).

Chemical of Concern:

EDT,RSM,Captan,CBF,CBL,DFZ,PSM,24DXY,ACP,ACR,AZ,BS,Captan,CMPH,CPY,DBN,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,MDT,MLN,MLT,MOM,MP,Naled,OYZ,PRT,SZ,TBC,TPR,As,Pb; Habitat: A

Johnston, G. (1995). The Study of Interactive Effects of Pollutants: A Biomarker Approach. *Sci.Total Environ.* 171: 205-212.

EcoReference No.: 59499

Chemical of Concern: PCZ,MLN,CYP,DMT,DZ; Habitat: T; Effect Codes: BCM; Code: NO CONTROL(ALL CHEMS),MIXTURE(PCZ).

Johnston, G., Walker, C. H., and Dawson, A. (1994). Interactive Effects Between EBI Fungicides (Prochloraz, Propiconazole and Penconazole) and OP Insecticides (Dimethoate, Chlorpyrifos, Diazinon and Malathion) in the Hybrid Red-Legged Partridge. *Environ.Toxicol.Chem.* 13: 615-620.

EcoReference No.: 67235

Chemical of Concern: CPY,DMT,PCZ,DZ,MLN; Habitat: T; Effect Codes: BCM; Code: NO MIXTURE(PCZ),NO ENDPOINT(CPY,DZ,PCZ,DMT,MLN).

Johnston, G., Walker, C. H., and Dawson, A. (1994). Interactive Effects of Prochloraz and Malathion in Pigeon, Starling and Hybrid Red-Legged Partridge. *Environ.Toxicol.Chem.* 13: 115-120.

EcoReference No.: 90780

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,GRO; Code: NO ENDPOINT(MLN).

Johnston, Gail (1995). The Study of Interactive Effects of Pollutants: a Biomarker Approach: Environmental Toxicology: Hazards to the Environment and Man in the Mediterranean Region. *Science of The Total Environment* 171: 205-212.

Chemical of Concern: MLN; Habitat: T

Joia, B. S. and Kalra, R. L. (1974). Note on the Dissipation of Ultra-low-Volume Formulations of Endosulfan, Fenitrothion, Fenthion and Malathion on Okra. *Indian.J.Agric.Sci.* 44: 897-898.

Chemical of Concern: FNT, MLN; Habitat: T; Code: CROP(MLN).

Joia, B. S., Ramzan, M., and Chawla, R. P. (1997). Evaluation of Some Insecticides Applied to Wheat Crop as Pre-Harvest Treatment for Protection Against Stored Grain Insect Pests. *Int.Pest Control* 39: 54-55.

EcoReference No.: 89269

Chemical of Concern: DM,FPP,CYP,FNV,MLN,PMR,PIRM,FYT; Habitat: T; Effect Codes: PHY; Code: OK(ALL CHEMS),NO CROP,NO TARGET(MLN,MP).

Jokanovic, M. and Maksimovic, M. (1995). A Comparison of Trimedoxime, Obidoxime, Pralidoxime and HI-6 in the Treatment of Oral Organophosphorus Insecticide Poisoning in the Rat. *Arch.Toxicol.* 70: 119-123.

EcoReference No.: 74883

Chemical of Concern:

DMT,DDVP,FNT,PPHD,FNTH,TCF,PRIM,DZ,PRT,DEM,AZ,DPY,PSM,PHSL,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Jones, F. W. (1996). Multiresidue Analysis of Pesticides in Wool Wax and Lanolin Using Gel Permeation and Gas Chromatography. *Journal of agricultural and food chemistry* 44: 3197-3201.

Chemical of Concern: MLN; Habitat: T

Jones, F. W. (1997). The Removal of Pesticide Residues From Wool Wax by Solvent Extraction. *Journal of the american oil chemists' society* 74: 1241-1245.

Chemical of Concern: MLN; Habitat: AT

Jones, F. W. (1997). Removal Pesticides From Wool Wax by Continuous Countercurrent Dual-Solvent Extraction. *Journal of the american oil chemists' society* 74: 1247-1253.

Chemical of Concern: MLN; Habitat: AT

Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.

EcoReference No.: 70074

Chemical of Concern:

24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,CB L,CCA,CHD,CMPH,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,DEM,DI NO,DLN,DMB,DMT,DOD,DPP1,DQTB,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MCP1MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,PPZ,PQT,PR N,PRO,PRT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Code: NO PUBL AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPY,C QTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTB,DU,DZM,EP,EPTC,ES,FMU,FNF,FNT, Folpet,HCCH,HPT,LNR,MCB,MCP1,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL ,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

Jones, K. L. and Heath, R. T. (1989). The Effect of Malathion on Dissolved Organic Phosphorus Compounds of an Acid Bog Lake. *Ohio Journal of Science [OHIO J. SCI.]*. Vol. 89, no. 2, 44 p. 1989.

Chemical of Concern: MLN; Habitat: AT

Jones, V. P. and Parrella, M. P. (1984). The Sublethal Effects of Selected Insecticides on Life Table Parameters of *Panonychus citri* (Acari: Tetranychidae). *Can.Entomol.* 116: 1033-1040.

EcoReference No.: 71000

Chemical of Concern: MLN,PMR,OML; Habitat: T; Effect Codes: REP,POP; Code: OK
TARGET(MLN),OK(PMR,OML).

Jongenotter, G. A., Kerkhoff, M. At, Van, D. E. R. Knaap H Cm, and Vandeginste, B. Gm (Automated on-Line Gpc-Gc-Fpd Involving Co-Solvent Trapping and the on-Column Interface for the Determination of Organophosphorus Pesticides in Olive Oils.

Chemical of Concern: MLN; Habitat: T

Jortner, Bernard S. (2006). The Return of the Dark Neuron. A Histological Artifact Complicating Contemporary Neurotoxicologic Evaluation. *NeuroToxicology* 27: 628-634.

Chemical of Concern: MLN; Habitat: AT

Joseph, S. R., Mallack, J., and George, L. F. (1972). Field Applications of Ultra Low Volume Malathion to Three Animal Species. *Mosq.News* 32: 504-506.

EcoReference No.: 2901

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Joshi, P. C. and Misra, R. B. (1986). Evaluation of Chemically-Induced Phototoxicity to Aquatic Organism Using Paramecium as a Model. *Biochem.Biophys.Res.Comm.* 139: 79-84.

EcoReference No.: 12021

Chemical of Concern: 24DXY,DMT,HCCH,MLN,DOD,Cu,Zn,MZB,ANT,PHE; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(24DXY,DMT,HCCH,MLN,DOD,Cu,Zn,MZB).

Joshi, P. K. and Pandey, A. K. (1985). Preliminary Studies on the Impact of Malathion on Urophysis of a Fish, *Oxygaster bucaila*. In: *R.C.Dalela and U.H.Mane (Eds.), Proc.5th Natl.Symp.Assess.Environ.Pollut., Dec.20-22, 1984, Aurangabad, India* 253-255.

EcoReference No.: 4945

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Joshi, S. C., Pandit, H. K., Singh, S. K., and Vijaywat, J. K. (1991). Malathion Induced Changes in the Oxygen Consumption Rhythm of the Fish *Mystus tengara* (Ham.). *J.Hydrobiol.* 7: 67-69.

EcoReference No.: 14730

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Juhler, R. K. (1997). Optimized Method for the Determination of Organophosphorus Pesticides in Meat and Fatty Matrices. *Journal of chromatography a* 786: 145-153.

Chemical of Concern: MLN; Habitat: T

Juhler, R. K., Lauridsen, M. Green, Christensen, M. Rindom, and Hilbert, G. (1999). Pesticide Residues in Selected Food Commodities: Results From the Danish National Pesticide Monitoring Program 1995-1996. *Journal of aoac international* 82: 337-358.

Chemical of Concern: MLN; Habitat: T

Jurs, P. C., Stouch, T. R., Czerwinski, M., and Narvaez, J. N. (1985). Computer-Assisted Studies of Molecular Structure-Biological Activity Relationships. *J chem inf comput sci* 25: 296-308.

Chemical of Concern: MLN; Habitat: AT

Jyothish, B., Sukumaran, T., and Ravindran, A. (1994). Effect of Pesticides on Opercular Movement and Lethality of Three Teleost Fishes. In: *Proc.6th Kerala Science Congress, Jan.27-29, 1994, Thiruvananthapuram, State Committee on Science, Technology and Environment, Kerala, India* 52-54.

EcoReference No.: 17099

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY,MOR; Code: NO ENDPOINT,CONTROL(MLN).

Kabra, R. A. and Kulkarni, K. M. (1991). Cythion Toxicity Effects on Food Consumption and Growth in the Fish, *Channa orientalis* (Sch.). *Adv.Biosci.* 10: 61-68.

EcoReference No.: 14188

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BEH,PHY; Code: NO ENDPOINT(MLN).

Kachroo, A. (2002). Age Related Differences in the Metabolism of, and Protection Against a Variety of Organophosphorus Compounds in the Rat, *Rattus norvegicus*. *Ph.D.Thesis, Mississippi State Univ.,MS* 122 p.

Chemical of Concern: PCB,DZ,AZ,DMT,DDVP,CMPH,MLO,CPYO; Habitat: T; Code: NO IN VITRO(DZ,AZ,DMT,CMPH,MLO,CPYO),NO RESIDUE(PCB).

Kadoum, A. M. and Sae, S. W. (A Simple Agar Gel Electrophoretic Method to Investigate Esterase Inhibition in Certain Stored Grain Insects by Malathion and Its Oxygen Analogue. *Bull. Environ. Contam. Toxicol.*; 5(3): 237-42, 1970; (ref:5).

Chemical of Concern: MLO; Habitat: T

Kahn, E., Berlin, M., Deane, M., Jackson, R. J., and Stratton, J. W. (1992). Assessment of Acute Health Effects From the Medfly Eradication Project in Santa Clara County, California. *Arch environ health* 47: 279-284.

Chemical of Concern: MLN; Habitat: T

Kahru, A., Tomson, K., Pall, T., and Kulm, I. (1996). Study of Toxicity of Pesticides Using Luminescent Bacteria *Photobacterium Phosphoreum*. *Water Science and Technology* 33: 147-154.

Chemical of Concern: MLN; Habitat: T

Kakar, K. L., Bhalla, O. P., and Singh, A. K. (1990). Studies on Pest Complex of French Beans and Their Control Under Mid-Hill Regions in Himachal Pradesh India. *Indian J.Plant Prot.* 18: 71-75.

EcoReference No.: 89369

Chemical of Concern: DCF,PPHD,DCF,FNT,MLN; Habitat: T; Effect Codes: POP; Code: OK(DCF,PPHD,DCF,FNT),OK TARGET(MLN).

Kalac, J. (1974). Ucinky Organofosforovych Zlucenin Na Aktivitu Niektorych Enzymov Zazivacieho Traktu. The Effect of Organo Phosphorus Compounds on the Activity of Some Digestive Enzymes. *Cesk.Hyg.* 19: 355-362 (CZE) (ENG ABS).

EcoReference No.: 8592

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Kamal, M. A. (1997). Effect of Malathion on Kinetic Parameters of Acetylcholinesterase (Ec 3.1.1.7) In Vitro. *Biochemistry and molecular biology international* 43: 89-97.

Chemical of Concern: MLN; Habitat: T

Kamimura, K. and Maruyama, Y. (1983). Appearance of Highly Resistant Strain of *Culex Tritaeniorhynchus* to Organophosphorus Insecticides. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 34, no. 1, pp. 33-37. 1983.

Chemical of Concern: MLN; Habitat: AT

Kamiya, M. and Kameyama, K. (1998). Photochemical Effects of Humic Substances on the Degradation of Organophosphorus Pesticides. *Chemosphere* 36: 2337-2344.

Chemical of Concern: MLN; Habitat: AT

Kammerbauer, J. and Moncada, J. (1998). Pesticide Residue Assessment in Three Selected Agricultural Production Systems in the Choluteca River Basin of Honduras. *Environmental pollution* 103: 171-181.

Chemical of Concern: MLN; Habitat: A

Kamrin, M. A. (1997). Pesticide Profiles Toxicity Environmental Impact and Fate. *Kamrin, m. A. (Ed.). Pesticide profiles: toxicity, environmental impact, and fate. Xix+676p. Crc press publishers inc.: Boca raton, florida, usa London, england, uk. Isbn 1-56670-190-2.; 0: Xix+676p.*

Chemical of Concern: MLN; Habitat: AT

Kan-Do Office and Pesticides Team (1995). Accumulated Pesticide and Industrial Chemical Findings From a Ten-Year Study of Ready-to-Eat Foods. *Journal of aoac international* 78: 614-630.

Chemical of Concern: MLN; Habitat: AT

Kanazawa, J. (1987). Biodegradability of Pesticides in Water by Microbes in Activated Sludge Soil and Sediment. *Environ monit assess* 9: 57-70.

Chemical of Concern: MLN; Habitat: A

Kandoria, J. L. and Singh, H. (Effect of Ulv Sprayers on the Size and Density of Droplets of Malathion Lvc. *Indian j entomol*; 46 (1). 1984 (recd. 1987). 92-100.

Chemical of Concern: MLN; Habitat: AT

Kannan, N., Anbalagan, K., and Jayaraman, J. (1980). Impact Monitoring of Pesticide Residues: Rice Plant (*Oryzae sativa* L.). *Proc.Indian Acad.Sci.* 89: 123-130.

EcoReference No.: 103626

Chemical of Concern: MP,FNT,MLN,ES; Habitat: T; Effect Codes: ACC; Code: NO
ENDPOINT(ES,MP,MLN,FNT).

Kano, R., Lok, C. K., Hayashi, A., and Shinonaga, S. (1978). Resistant Level of Houseflies to Seven Kinds of Synthetic Insecticides and Effect of Synergists to the Malathion Resistant Strain in Singapore . *Bull.Tokyo Med.Dent.Univ.* 25: 143-146 .

EcoReference No.: 70019

Chemical of Concern: RSM,DZ,DDT,MLN,DDVP; Habitat: T; Effect Codes: MOR; Code:
OK(DDT,DDVP),OK TARGET(DZ,RSM,MLN).

Kao, Chao-Hsing and Sun, Chih-Ning (1991). In Vitro Degradation of Some Organophosphorus Insecticides by Susceptible and Resistant Diamondback Moth. *Pesticide Biochemistry and Physiology* 41: 132-141.

Chemical of Concern: MLN; Habitat: T

Kao, L. R., Motoyama, N., and Dauterman, W. C. (1985). Multiple Forms of Esterases in Mouse, Rat, and Rabbit Liver, and Their Role in Hydrolysis of Organophosphorus and Pyrethroid Insecticides. *Pesticide Biochemistry and Physiology* 23: 66-73.

Chemical of Concern: MLN; Habitat: T

Kao, S. S. and Tzeng, C. C. (1985). Results of Laboratory Tests on the Toxicity of 24 Pesticides Against Pupae of *Trichogramma Chilonis* Ishii (Hymenoptera, Trichogrammatidae). *Bulletin of the Society of Entomology National Chung Hsing [BULL. SOC. ENTOMOL., NATL. CHUNG HSING UNIV.]*. Vol. 18, pp. 13-24. 1985.

Chemical of Concern: MLN; Habitat: AT

Kao Suey-Sheng and Tzeng Ching-Chou (1992). A Survey of the Susceptibility of Rice Moth (*Corcyra Cephalonica*) and Angoumois Moth (*Sitotroga Cerealella*) to Malathion and Phoxim. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 12, no. 4, pp. 239-245. 1992.

Chemical of Concern: MLN; Habitat: AT

Kapoli, Panagiota, Axarli, Irene A., Platis, Dimitris, Fragoulaki, Maria, Paine, Mark, Hemingway, Janet, Vontas, John, and Labrou, Nikolaos E. (2008-). Engineering sensitive glutathione transferase for the detection of xenobiotics. *Biosensors and Bioelectronics* 24: 498-503.

Chemical of Concern: MLN; Habitat: T

Kapusta, G. and Rouwenhorst, D. L. (1973). Interaction of Selected Pesticides and *Rhizobium japonicum* in Pure Culture and Under Field Conditions. *Agron.J.* 65: 112-115 .

EcoReference No.: 50827

Chemical of Concern:

MXC,MLN,HCCH,DS,DLD,DZ,CBL,AZ,AND,ATZ,ACR,DCPA,DMB,LNR,NPM,PCH,TFN,VNT;
Habitat: T; Effect Codes: PHY,POP,GRO; Code: OK(DS,CBL),NO ENDPOINT(ALL CHEMS)/No
Media:Agar, No OM,pH,ERE.

Karimov, B. K., Keyser, D., Huehnerfuss, H., and Moeller, K. (1998). Combined Toxicity of Heavy Metals and Pesticides on Embryonic and Larval Stages of Carp (*Cyprinus Carpio* L.) In Salinized Water.

Chemical of Concern: MLN; Habitat: A

Karpas, Z. and Pollevoy, Y. (1992). Ion Mobility Spectrometric Studies of Organophosphorus Compounds. *Anal chim acta* 259: 333-338.

Chemical of Concern: MLN; Habitat: AT

Kashiwada, S., Mochida, K., Ozoe, Y., and Nakamura, T. (1995). Contribution of Zooplankton to Disappearance of Organophosphorus Insecticides in Environmental Water. *J.Pestic.Sci.* 20: 503-512.

EcoReference No.: 90667

Chemical of Concern: MLN,FNT,DZ; Habitat: A; Effect Codes: MOR,ACC,PHY; Code: NO
CONTROL(MLN).

Kashyap, N. and Walia, P. C. (1984). Biological Efficacy of Malathion and Fenitrothion Against Some Pests of Okra. In: A.Regupathy, K.Rajakkannu, and S.Chelliah (Eds.), *Pesticides and Environment, Natl.Semin., Aug.4-5, 1983, Dep.of Agric.Entomol.Ctr.for Plant Prot.Stud., Coimbatore, India* 17-20.

EcoReference No.: 89237

Chemical of Concern: MLN,FNT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(FNT,TARGET-MLN).

Kashyap, N. P. and Hameed, S. F. (1982). Evaluation of Some Organophosphorus Insecticides Against *Dacus cucurbitae* Coquillett on Peach. *Proc.Indian Acad.Sci.* 91: 45-55.

EcoReference No.: 89183

Chemical of Concern: FNT,FNTH,MLN,MP; Habitat: T; Effect Codes: MOR,ACC; Code: OK(FNT,FNTH),NO TARGET,NO CROP(MLN,MP).

Kashyap, N. P. and Walia, P. C. (Dissipation of Malathion and Fenitrothion Residues on Okra Fruits. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 23-25.*

Chemical of Concern: MLN; Habitat: T

Kashyap, N. P. and Walia, P. C. (1984). Dissipation of Malathion and Fenitrothion Residues on Okra Fruits. In: *A.Regupathy, K.Rajukkannu, and S.Chelliah (Eds.), Proc.Pesticides and Environment Seminar, INAU, Aug.4-5, Dep.Agric.Entomol.Ctr.for Plant Prot.Stud., Coimbatore* 23-25.

Chemical of Concern: FNT, MLN; Habitat: T; Code: CROP(MLN).

Kashyap, N. P. and Walia, P. C. (1986). Insecticide Residues on Okra. *Goel, s. C. (Ed.). Insect and environment, vol. 2. Pesticide residues and environmental pollution National symposium, muzaffarnagar, india, october 2-4, 1985. Xxii+293p. Sanatan dharm college: muzaffarnagar, india. Illus.; 0: 45-49.*

Chemical of Concern: MLN; Habitat: T

Kashyap, S. K. (1986). Health Surveillance and Biological Monitoring of Pesticide Formulators in India. *Toxicology Letters* 33: 107-114.

Chemical of Concern: MLN; Habitat: T

Kasilo, O. J., Hobane, T., and Nhachi, C. Fb (1991). Organophosphate Poisoning in Urban Zimbabwe. *J appl toxicol* 11: 269-272.

Chemical of Concern: MLN; Habitat: T

Katayama, Y., Horide, F., and Tsuji, K. (1989). A Study on the Stability of Alpha Cyanobenzyl Ester-Type Pyrethroids in Mineral Carriers in the Presence of Malathion. *J pestic sci* 14: 53-58.

Chemical of Concern: MLN; Habitat: T

Kathpal, T. S. and Kumari, B. (Pesticidal Contamination of Environment Its Implications and Management. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2); 0 (0). 1998. 535-551.*

Chemical of Concern: MLN; Habitat: AT

Kaur, H. and Toor, H. S. (1997). Histopathological Changes in the Liver of Fingerlings of Indian Major Carp, *Cirrhina mrigala* (Hamilton) Exposed to Some Biocides. *Indian J.Ecol.* 24: 193-195.

EcoReference No.: 59932

Chemical of Concern: MLN,CBL; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(CBL,MLN).

Kaur, I., Mathur, R. P., and Tandon, S. N. (1997). Parameters Affecting the Decay of Some Organophosphorus Pesticides: a Study by High-Performance Liquid Chromatography. *Biomedical chromatography* 11: 22-24.

Chemical of Concern: MLN; Habitat: AT

Kavousi, A. and Talebi, K. (2003). Side-Effects of Three Pesticides on the Predatory Mite, *Phytoseiulus persimilis* (Acari: Phytoseiidae). *Exp.Appl.Acarol.* 31: 51-58.

EcoReference No.: 82056

Chemical of Concern: MLN,PIRM; Habitat: T; Effect Codes: MOR,BEH,REP; Code: TARGET MLN.

Kawakami, Y. (1989). Insecticide Resistance of *Culex pipiens molestus* Forskal Collected in Shinjuku-ku, Tokyo. *Jpn.J.Sanit.Zool.* 40: 217-220 (JPN) (ENG ABS).

EcoReference No.: 100465

Chemical of Concern: MLN,DZ,DDVP,TMP,FNT,CPYM,PTR,FNTH,PMR,PPX,PTP; Habitat: A; Code: NO FOREIGN(PMR,CPYM,DZ,PTP,TMP).

Kawakami, Y. (1989). Insecticide-Resistance of *Culex Pipiens Molestus* Forskal Collected in Shinjuku-Ku, Tokyo. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 40, no. 3, pp. 217-220. 1989.

Chemical of Concern: MLN; Habitat: AT

Kawata, K., Mukai, H., Tanabe, H., and Yasuhara, A. (1996). Annual Variation of Insecticides in Precipitation in Rural Japan. *Bulletin of environmental contamination and toxicology* 57: 853-858.

Chemical of Concern: MLN; Habitat: T

Kawata, K., Mukai, H., and Yasuhara, A. (1995). Monitoring of Pesticides in Air by Gas Chromatography-Mass Spectrometry and the Use of Quartz-Fibre Wool and Activated Carbon for Sampling. *Journal of chromatography a* 710: 243-250.

Chemical of Concern: MLN; Habitat: T

Kawate, M. K. and Coughlin, J. A. (Mediterranean Fruit Fly Control on Persimmon 1989. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 78. Ab - biosis copyright: biol abs. Rrm diospyros-kaki ceratitis-capitata malathion nu-lure insect bait pesticide insecticide.*

Chemical of Concern: MLN; Habitat: T

Keadtisuke, S., Dheranetra, W., and Fukuto, T. R. (1989). Detection of Kidney Damage by Malathion Impurities Using a Microdissection Technique. *Toxicol.Lett.* 47: 53-59.

EcoReference No.: 89082

Chemical of Concern: MLN,CdCl; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN,CdCl).

Keadtisuke, S., Dheranetra, W., Nakatsugawa, T., and Fukuto, T. R. (1990). Liver Damage Induced in Rats by Malathion Impurities. *Toxicol.Lett.* 52: 35-46.

EcoReference No.: 74927

Chemical of Concern: PPB,MLN; Habitat: T; Effect Codes: PHY,CEL,BCM; Code: NO MIXTURE (PPB),ENDPOINT(ALL CHEMS).

Keadtisuke, S. and Fukuto, T. (1986). Adult Fanconi Syndrome Induced by Malathion Impurities in the Rat. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.

Chemical of Concern: MLN; Habitat: T

Keadtisuke, S. and Fukuto, T. R. (1987). Dysproteinuria Induced in Rats by O,O,S-Trimethyl Phosphorothioate. *Toxicol.Lett.* 37: 33-39.

EcoReference No.: 90823; Habitat: T; Effect Codes: CEL,PHY,BCM; Code: NO COC(MLN).

Keadtisuke, S. and Fukuto, T. R. (1986). Hyperamino aciduria Induced in Rats by O,O,S-Trimethyl Phosphorothioate. *Pestic.Biochem.Physiol.* 26: 375-381.

EcoReference No.: 89138; Habitat: T; Effect Codes: MOR,BCM,BEH,GRO,PHY; Code: NO COC(MLN).

Kearney, Philip C., Muldoon, Mark T., and Somich, Cathleen J. (1987). Uv-Ozonation of Eleven Major Pesticides as a Waste Disposal Pretreatment. *Chemosphere* 16: 2321-2330.

Chemical of Concern: MLN; Habitat: AT

Keck, J., Sims, R. C., Coover, M., Park, K., and Symons, B. (1989). Evidence for Cooxidation of Polynuclear Aromatic Hydrocarbons in Soil. *Water res* 23: 1467-1476.

Chemical of Concern: MLN; Habitat: T

Keeble, Vera B., Correll, Linda, and Ehrich, Marion (1993). Evaluation of Knit Glove Fabrics as Barriers to Dermal Absorption of Organophosphorus Insecticides Using an in Vitro Test System. *Toxicology* 81: 195-203.

Chemical of Concern: MLN; Habitat: T

Kehat, M., Blumberg, D., and Greenberg, S. (1969). Vaporisation Tests for Controlling Red Spider Mite on Greenhouse Roses. *Int.Pest Control* 11: 14-17.

EcoReference No.: 91371

Chemical of Concern: DDVP,DZ,AZ,MLN,PRN,DMT,Naled,PPHD,ES,HCCH; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DZ,AZ,MLN,DMT,Naled).

Keith, J. O. (1963). Malathion Treatment of Lodgepole Pine Needle Miner. *In: Fish and Wildl.Serv., Pesticide-Wildl.Serv.: A Review of Fish and Wildl.Serv.Investig.During 1961 and 1962, U.S.D.I.Fish and Wildl.Circ.No.167* 55-56.

EcoReference No.: 105848

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Keith, J. O. (1963). Malathion Treatment of Lodgepole Pine Needle Miner. *Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildl.Serv., U.S.D.I., Fish and Wildl.Circ.No.226* 77 p.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Keith, J. O. and Bruggers, R. L. (1998). Review of Hazards to Raptors From Pest Control in Sahelian Africa. *Journal of raptor research* 32: 151-158.

Chemical of Concern: MLN; Habitat: T

Keith, J. O. and Flickinger, E. L. (1964). Effects of Malathion on the Abundance and Food Habits of Songbirds. In: *Circular No.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildl.Serv., Fish and Wildl.Serv.* 46 (Publ As 2187).

Chemical of Concern: MLN; Habitat: T; Code: NO PUBL AS.

Kelch, W. J. and New, J. C. Jr. (1993). The Reported Use of Drugs to Prevent Diseases in Beef Cattle in Tennessee. *Prev.Vet.Med.* 15: 291-302.

EcoReference No.: 76627

Chemical of Concern: CYP,PYT,PMR,FYT,PSM,MXC,MLN,FNTH,DDVP,DZ,CMPH; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Keller, A. E. and Ruessler, S. (1996). Malathion Toxicity to Three Life Stages of Unionid Mussels. *Journal of Shellfish Research* 15: 485.

Chemical of Concern: MLN; Habitat: A

Kennedy, E. R., Abell, M. T., Reynolds, J., and Wickman, D. (A Sampling and Analytical Method for the Simultaneous Determination of Multiple Organophosphorus Pesticides in Air. *American industrial hygiene association journal*; 55 (12). 1994. 1172-1177.

Chemical of Concern: MLN; Habitat: T

Kennedy, H. D. and Walsh, D. F. (1970). Effects of Malathion on Two Warmwater Fishes and Aquatic Invertebrates in Ponds. *Tech.Pap.No.55, Bureau of Sport Fish.Wildl., Fish Wildl.Service, U.S.D.I., Washington, D.C.* 13 p.

EcoReference No.: 2956

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BCM,POP,MOR,REP; Code: NO ENDPOINT(MLN).

Kenny, S. A. (1990). The Effects of Very Low Doses of the Organophosphorous Insecticide (Malathion) on Piscivorous Feeding Performance in Juvenile Walleye, *Stizostedion vitreum vitreum* (Mitchill). *M.S.Thesis, Univ.of Manitoba, Canada* 67 p.

EcoReference No.: 13430

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,BEH; Code: NO ENDPOINT(MLN).

Kent, R., Belitz, K., Altmann, A. J., Wright, M. T., and Mendez, G. O. (Occurrence and Distribution of Pesticide Compounds in Surface Water of the Santa Ana Basin, California, 1998-2001. *Govt reports announcements & index (gra&i), issue 12, 2006.*

Chemical of Concern: MLN; Habitat: A

Keplinger, M. L. and Deichmann, W. B. (1967). Acute Toxicity of Combinations of Pesticides. *Toxicol.Appl.Pharmacol.* 10: 586-595.

EcoReference No.: 90692

Chemical of Concern: PRN,DZ,MLN,CBL,AND,CHD,DDT,DLD,EN,MXC,TXP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL,MIXTURE(DZ,MLN,CBL).

Kertesz, M. A., Cook, A. M., and Leisinger, T. (1994). Microbial Metabolism of Sulfur-and Phosphorus-Containing Xenobiotics. *Fems microbiology reviews* 15: 195-215.

Chemical of Concern: MLN; Habitat: T

Key, P. B., Fulton, M. H., Harman Fetcho, J. A., and McConnell, L. L. (2003). Acetylcholinesterase Activity in Grass Shrimp and Aqueous Pesticide Levels From South Florida Drainage Canals. *Archives of Environmental Contamination and Toxicology [Arch. Environ. Contam. Toxicol.]*. Vol. 45, no. 3, pp. 371-377. Oct 2003.

Chemical of Concern: MLN; Habitat: A

Khajuria, D. R. and Sharma, J. P. (1995). Efficacy of Insecticides in Controlling Pea Leafminer (*Chromatomyia horticola*) on Seed Crop of Pea (*Pisum sativum*). *Indian J.Agric.Sci.* 65: 381-384.

EcoReference No.: 89295

Chemical of Concern: CYP,CPY,MP,FNT,DMT,MLN,DDV,ACP; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),NO TARGET,NO CROP(MLN,DMT).

Khan, A., Baker, P. S., and Pollard, G. V. (2002). Semi-Field Tests of the Effects of Three Insecticides on *Ancylostomia stercorea*. *Tests Agrochem.Cultiv.* 23: 4-5.

EcoReference No.: 91042

Chemical of Concern: MLN,FNV,DCM; Habitat: T; Effect Codes: MOR,REP; Code: NO ENDPOINT(MLN,FNV).

Khan, A. R., Faruki, S. I., and Pramanik, M. R. (1999). The Combined Efficacy of Dipel and Malathion on the Development and Reproductive Potential of the Tropical Warehouse Moth, *Cadra cautella* (Walker) on Dried Mango. *Entomon* 24: 315-322.

EcoReference No.: 90665

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,REP,GRO; Code: OK TARGET(MLN).

Khan, L., Inayatullah, C., and Manzoor-Ul-Haq (1992). Control of Melon Fly, *Dacus cucurbitae* (Diptera: Trypetidae) on Melon in Pakistan. *Trop.Pest Manag.* 38: 261-264 .

EcoReference No.: 90687

Chemical of Concern: DM,CYP,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN).

Khan, M., Gassman, M., and Haque, R. (1976). Biodegradation of Pesticides. *Chem. Technol.* 6(1): 62-69 1976..

Chemical of Concern: MLO; Habitat: AT

Khan, M. A. Q. (1977). Elimination of Pesticides by Aquatic Animals. In: M.A.Q.Khan (Ed.), *Pesticides in Aquatic Environments*, Plenum Press, NY 107-125.

EcoReference No.: 4929

Chemical of Concern: 24DXY,DZ,CPY,AZ,PRN,MXC,EDT,HPT,DDT,DLD,HCCH,CHD,SZ,MLN,As; Habitat: A; Effect Codes: ACC; Code: NO CONTROL(ALL CHEMS).

Khan, S. and Khan, N. N. (1986). The Mobility of Some Organophosphorus Pesticides in Soils as Affected by Some Soil Parameters. *Soil sci* 142: 214-222.

Chemical of Concern: MLN; Habitat: T

Khan, S., Qureshi, M. A., and Singh, J. B. (1996). Studies on the Mobility of Heavy Metals in Soil. *Indian journal of environmental health* 38: 1-6.

Chemical of Concern: MLN; Habitat: T

Khandwe, N., Gujrati, J. P., and Singh, O. P. (1992). Ovicidal Action of Some Insecticides Against the Eggs of Grey Semilooper, *Rivula* sp. on Soybean. *J.Insect Sci.* 5: 231-232.

EcoReference No.: 89146

Chemical of Concern: DFZ,MLN,FVL,MP,FNV,PHSL,CYP,ES,DCM; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(MLN,FVL,MP).

Khavkin, M. J. and Khavkin, J. A. (1996). A Ferromagnetic Biosensor for Simple Assay of Organophosphate Pesticides. *Analytical letters* 29: 1041-1054.

Chemical of Concern: MLN; Habitat: AT

Khayamian, T. and Jafari, M. T. (Design for Electrospray Ionization-Ion Mobility Spectrometry. *Anal chem.* 2007, apr 15; 79(8):3199-205. [*Analytical chemistry*]: *Anal Chem.*

Chemical of Concern: MLN; Habitat: AT

Khillare, Y. K. and Wagh, S. B. (1988). Acute Toxicity of Pesticides in the Freshwater Fish *Barbus stigma*: Histopathology of the Stomach. *Uttar Pradesh J.Zool.* 8: 176-179.

EcoReference No.: 13301

Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN,ES).

Khillare, Y. K. and Wagh, S. B. (1987). Chronic Effects of Endosulfan, Malathion and Sevin in the Fresh Water Fish, *Barbus stigma* Testis Histopathology. *J.Sci.Res.* 9: 19-22.

EcoReference No.: 3706

Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(CBL,ES,MLN).

Khillare, Y. K. and Wagh, S. B. (1987). Developmental Abnormalities Induced by the Pesticides in the Fish, *Barbus stigma* (Ham.). *Indian J.Appl.Pure Biol.* 2: 73-76.

EcoReference No.: 106

Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(CBL,MLN,ES).

Khillare, Y. K. and Wagh, S. B. (1989). Effect of Certain Pesticides on Spermatogenesis in Fish *Barbus stigma* (Ham.). *Oikoassay* 6: 19-21.

EcoReference No.: 89101

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: CEL,REP; Code: NO ENDPOINT(ES,MLN,CBL).

Khillare, Y. K. and Wagh, S. B. (1986). Effect of Malathion on Levels of Ascorbic Acid in Freshwater Fish, *Barbus ticto* (Ham). *J.Adv.Zool.* 7: 105-107.

EcoReference No.: 12889

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Khillare, Y. K. and Wagh, S. B. (1989). Effects of Endosulfan, Malathion and Sevin on Biochemical Constituents of the Fish *Puntius stigma*. *Environ.Ecol.* 7: 66-69.

EcoReference No.: 2387

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN,CBL,ES).

Khillare, Y. K. and Wagh, S. B. (1988). Long-Term Effects of Pesticides Endosulfan, Malathion and Sevin on the Fish *Puntius stigma*. *Environ.Ecol.* 6: 589-593.

EcoReference No.: 3426

Chemical of Concern: MLN,ES,CBL; Habitat: A; Effect Codes: MOR,GRO,PHY; Code: NO ENDPOINT(MLN,ES,CBL).

Khuhawar, M. Y., Channar, A. H., and Lajwani, S. N. (1997). Indirect Liquid Chromatographic Determination of Malathion in Formulations, Based on the Formation of Palladium (II)-Dimethyldithiophosphate Complex. *Journal of chromatography a* 758: 159-162.

Chemical of Concern: MLN; Habitat: AT

Khurana, A. D. and Verma, A. N. (1988). Laboratory and Field Evaluation of Insecticides Against Nymphs and Gravid Females of Mango Mealy Bug, *Drosicha mangiferae* (Green). *Indian J.Entomol.* 50: 319-326.

EcoReference No.: 91592

Chemical of Concern: DDT,TXP,AND,ES,MLN,MP,DZ,FNT,DDVP,TCF,PHSL,OXD,DMT,PPHD,CBL; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,MP,DZ,OXD,DMT,CBL).

Kiefer, M. and Salisbury, S. (Health Hazard Evaluation Report Heta 95-0333-2546, Dekalb County Board of Health, Decatur, Georgia. *Govt reports announcements & index (gra&i)*, issue 23, 2096.

Chemical of Concern: MLN; Habitat: T

Kiermeier, F., Wildbrett, F., and Lettenmayer, L. (Influence of Organic Insecticides on Enzymes. V. Effect of Xanthine Dehydrase in Milk. *Z. Lebensm. Untersuch. Forsch.*; 133(1):22-6, 1967.

Chemical of Concern: MLO; Habitat: T

Kiesecker, J. M. (2002). Synergism Between Trematode Infection and Pesticide Exposure: A Link to Amphibian Limb Deformities in Nature? *Proc.Natl.Acad.Sci.* 99: 9900-9904.

EcoReference No.: 68326

Chemical of Concern: ATZ,EFV,MLN; Habitat: A; Effect Codes: CEL,GRO; Code: NO ENDPOINT(ALL CHEMS).

Kilgore, G. M., Huddleston, E. W., Ledson, T. M. , Ross, J. B., Sanderson, R., and Steiner, R. L. (1996). Prediction of Spray Drift Using Insecticide Tracers and Two Types of Collector. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 31: 847-857.

Chemical of Concern: MLN; Habitat: AT

Killeen, S. (1997). Development and Use of Environmental Quality Standards (Eqss) for Priority Pesticides. *Pesticide science* 49: 191-195.

Chemical of Concern: MLN; Habitat: AT

Kim, J. H. and Jang, H. Y. (1994). Effects of Organophosphorus Compounds in the Avian Yolk Sac Membrane. *Korean J.Toxicol.* 10 : 145-155.

EcoReference No.: 103718

Chemical of Concern: MLN,CPY,DZ; Habitat: T; Effect Codes: GRO,CEL; Code: NO
ENDPOINT(MLN,CPY,DZ).

Kim, Yang-Hoon, Ahn, Ji-Young, Moon, Seung-Hyeon , and Lee, Jeewon (2005). Biodegradation and Detoxification of Organophosphate Insecticide, Malathion by Fusarium Oxysporum F. Sp. Pisi Cutinase. *Chemosphere* 60: 1349-1355.

Chemical of Concern: MLN; Habitat: T

Kimbrough, R. A. and Litke, D. W. (1996). Pesticides in Streams Draining Agricultural and Urban Areas in Colorado. *Environmental science & technology* 30: 908-916.

Chemical of Concern: MLN; Habitat: A

Kimmel, Marek (2007-). Ovide Arino, a personal memory. *Journal of Theoretical Biology* 244: 365-366.

Chemical of Concern: MLN; Habitat: AT

Kimmel, Marek (2007). Special issue dedicated to the memory of Ovide Arino. *Mathematical Biosciences* 206: 173-175.

Chemical of Concern: MLN; Habitat: AT

Kimura, T. and Keegan, H. L. (1966). Toxicity of Some Insecticides and Molluscicides for the Asian Blood Sucking Leech, *Hirudo nipponia* Whitman. *Am.J.Trop.Med.Hyg.* 15: 113-115.

EcoReference No.: 2890

Chemical of Concern: CBL,DZ,CHD,HCCH,MLN,CuS,DDT,DLD,NaPCP; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(ALL CHEMS).

Kindervater, Ralf, Kunnecke, Wolfgang, and Schmid, Rolf D. (1990). Exchangeable Immobilized Enzyme Reactor for Enzyme Inhibition Tests in Flow-Injection Analysis Using a Magnetic Device. Determination of Pesticides in Drinking Water. *Analytica Chimica Acta* 234: 113-117.

Chemical of Concern: MLO; Habitat: AT

King, J. W., Hopper, M. L., Luchtefeld, R. G., Taylor, S. L., and Orton, W. L. (1993). Optimization of Experimental Conditions for the Supercritical Carbon Dioxide Extraction of Pesticide Residues From Grains. *Journal of aoac international* 76: 857-864.

Chemical of Concern: MLN; Habitat: T

Kishore, P. (1988). Efficacy of Fenvalerate Dust and Its Comparison with Recommended Endosulfan Dust Against Stem Borer on Sorghum. *Pesticides* 22: 38-41.

EcoReference No.: 92821

Chemical of Concern: FNV,MLN,ES; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES),EFFICACY(FNV,MLN).

Kjeldsen, P., Kjolholt, J., Schultz, B., Christensen, T. H., and Tjell, J. C. (1990). Sorption and Degradation of Chlorophenols, Nitrophenols and Organophosphorus Pesticides in the Subsoils Under Landfills: Laboratory Studies. *J contam hydrol* 6: 165-184.

Chemical of Concern: MLN; Habitat: T

Kjolholt, J. (Occurrence of Organophosphorus Compounds in Polluted Marine Sediments Near a Pesticide Manufacturing Plant. *Chemosphere*; 14 (11-12). 1985 (recd. 1986). 1763-1770.

Chemical of Concern: MLN; Habitat: A

Kline, E. R., Mattson, V. R., Pickering, Q. H., Spehar, D. L., and Stephan, C. E. (1987). Effects of Pollution on Freshwater Organisms. *J water pollut control fed* 59: 539-572.

Chemical of Concern: MLN; Habitat: A

Klopman, G., Contreras, R., Rosenkranz, H. S., and Waters, M. D. (1985). Structure-Genotoxic Activity Relationships of Pesticides Comparison of the Results From Several Short-Term Assays. *Mutat res* 147: 343-356.

Chemical of Concern: MLN; Habitat: T

Knapp, F. W. and Gayle, C. H. (1967). ULV Aerial Insecticide Application for Adult Mosquito Control in Kentucky. *Mosq.News* 27: 478-482.

EcoReference No.: 4764

Chemical of Concern: Naled,MLN,PPX; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(MLN,Naled).

Knepper, R. G. (1988). Efficacy of a ULV Insecticide Mixture (HAN-Malathion-Resmethrin) Against Caged Culex Mosquitoes. *J.Am.Mosq.Control Assoc.* 4: 561-562.

EcoReference No.: 69772

Chemical of Concern: RSM,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,RSM).

Knowles, C. O. and Casida, J. E. (1966). Mode of Action of Organophosphate Anthelmintics. Cholinesterase Inhibition in *Ascaris lumbricoides*. *J.Agric.Food Chem.* 14: 566-572.

EcoReference No.: 93272

Chemical of Concern:

DS,PRT,AZ,MLN,DMT,PRN,CMPH,DDVP,MVP,DCTP,TCF,MLO,TBF,FNTH,MP; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(ALL CHEMS).

Kobayashi, K., Wang, Y., Kimura, S., Rompas, R. M., Imada, N., and Oshima, Y. (1993). Practical Application of Piperonyl Butoxide for the Reduction of Organophosphorus Insecticide-Toxicity to Kuruma Prawn. *Bull.Jpn.Soc.Sci.Fish.(Nippon Suisan Gakkaishi)* 59: 2053-2057.

EcoReference No.: 4270

Chemical of Concern: DZ,MLN,PPB,FNT,DDVP; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Kobayashi, S.-I. (1978). Synergism in Pesticide Toxicity 2. Acute Oral Toxicity of Anti-CHE Pesticide in Mice.

Toho Igakkai Zasshi (J.Med.Soc.Toho, Jpn.) 25(4):635-649 (JPN) (ENG ABS).

EcoReference No.: 6905

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(MLN).

Koch, R. (The Significance of Toxic Substances in the Drinking Water. *Z. Gesamte hyg.* 23(2): 96-98 1977.

Chemical of Concern: MLO; Habitat: A

Koinzan, S. D. and Pruess, K. P. (1975). Effects of a Wide-Area Application of ULV Malathion on Leafhoppers in Alfalfa. *J.Environ.Entomol.* 68: 267-268.

EcoReference No.: 87424

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: TARGET MLN.

Kojima, H., Katsura, E., Takeuchi, S., Niiyama, K., and Kobayashi, K. (2004). Screening for Estrogen and Androgen Receptor Activities in 200 Pesticides by In Vitro Reporter Gene Assays Using Chinese Hamster Ovary Cells. *Environ.Health Perspect.* 112: 524-531.

Chemical of Concern:

AND,HCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DFPM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,ETN,FMP,FNT,FNTH,GYP,IFP,MLN,MTM,MDT,MP,PRN,PRT,PHSL,PSM,PIRM,PFF,TBO,TVP,TCM,TCF,CYF,CYH,CYP,DM,EFX,FNV,FYT,FVL,PMR,PYN,TFT,TLM,BCD,BMY,CBL,CBD,CBF,CPP,MCB,MOM,MLT,OML,PHMD,PIM,TBC,THM,ACR,ASM,FTL,MTX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSFM,DFZ,DU,LNR,PPN,AMZ,BT,BPH,BTN,DZM,EXQ,FRM,FZN,ILL,IMC,IPD,MCPA,24D,PAQT,PDM,PCZ,SZD,TBA,TPE,TDF,TFZ,TFN,TFR,VCZ; Habitat: T; Code: NO IN VITRO(ALL CHEMS).

Koli, V. A., Yeragi, S. G., and Yeragi, S. S. (2002). Effects of the Pesticide Malathion on Acid Phosphatase Enzymes in Certain Tissues of the Marine Crab *Uca marionis* (Des) of Mithbav Creek. In: *Quadros, G.(Ed.),Proceedings of the National Seminar on Creeks, Estuaries and Mangroves - Pollution and Conservation, 28th to 30th November, 2002, Thane, Vidya Prasarak Mandal's Publisher* 180-181.

Chemical of Concern: MLN; Habitat: A; Code: NO SOURCE.

Koli, V. A., Yeragi, S. G., Yeragi, S. S., and Quadros, G. (ed) (2002). Effects of the Pesticide Malathion on Acid Phosphatase Enzymes in Certain Tissues of the Marine Crab *Uca Marionis* (Des) of Mithbav Creek. *Proceedings of the National Seminar on Creeks, Estuaries and Mangroves - Pollution and Conservation, 28th to 30th November, 2002, Thane. pp. 180-181. 2002.*

Chemical of Concern: MLN; Habitat: A

Kolpin, D. W., Barbash, J. E., and Gilliom, R. J. (1998). Occurrence of Pesticides in Shallow Groundwater of the United States: Initial Results From the National Water-Quality Assessment Program. *Environmental science & technology* 32: 558-566.

Chemical of Concern: MLN; Habitat: A

Kolpin, D. W., Goolsby, D. A., and Thurman, E. M. (1995). Pesticides in Near-Surface Aquifers: an Assessment Using Highly Sensitive Analytical Methods and Tritium. *Journal of environmental quality* 24: 1125-1132.

Chemical of Concern: MLN; Habitat: A

Komolprasert, V. and Lawson, A. R. (1997). Considerations for Reuse of Poly(Ethylene Terephthalate) Bottles in Food Packaging: Migration Study. *Journal of agricultural and food chemistry* 45: 444-448.

Chemical of Concern: MLN; Habitat: AT

Komolprasert, V., Lawson, A. R., and Hargraves, W. A. (1995). Analytical Method for Quantifying Butyric Acid Malathion and Diazinon in Recycled Polyethylene Terephthalate. *Journal of agricultural and food chemistry* 43: 1963-1965.

Chemical of Concern: MLN; Habitat: T

Konar, S. K. and Ghosh, T. K. (1981). Effects of Organophosphorus Insecticides on Fish and Fish Food Organisms. *IAWPC Tech.Annu.* 8: 147-160.

EcoReference No.: 17691

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,REP,PHY,POP,BEH; Code: NO CONTROL(MLN).

Konno, N., Fukuto, T. R., and Imamura, T. (1984). Lung Injury and Delayed Toxicity Produced by O,S,S-Trimethyl Phosphorodithioate, an Impurity of Malathion. *Toxicol.Appl.Pharmacol.* 75: 219-228.

EcoReference No.: 88970; Habitat: T; Effect Codes: MOR,PHY,GRO,BCM,CEL; Code: NO COC(MLN).

Konno, T. and Kajihara, O. (1985). Synergism of Pirimicarb and Organophosphorus Insecticides Against the Resistant Rice Stem Borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae). *Appl.Entomol.Zool.* 20: 403-410.

EcoReference No.: 74137

Chemical of Concern:

CPYM,FNT,MP,FNTH,DZ,CPY,PRN,MLN,PSM,MDT,DDVP,TVP,CBL,BDC,PIRM,PIM,MOM;
Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,DZ,CBL,MOM,MP).

Konno, Y. and Shishido, T. (1985). Resistance Mechanism of the Rice Stem Borer to Organophosphorus Insecticides. *J.Pestic.Sci.* 10: 285-287.

EcoReference No.: 91101

Chemical of Concern: TVP,MLO,MLN,MPO,MP,FNT; Habitat: T; Effect Codes: MOR,ACC,BCM; Code: NO CONTROL(ALL CHEMS,TARGET-MLN,MP).

Korchinski, M., Theil, J., Wenger, B. S., and Wenger, E. (1987). The Role of Tryptophan in Preventing Malathion-Induced Teratogenesis in the Chick Embryo. *100th annual meeting of the american association of anatomists, washington, d.c., Usa, may 10-14, 1987. Anat rec* 218: 74a.

Chemical of Concern: MLN; Habitat: T

Korchinski, M., Wenger, E. L., and Wenger, B. S. (1987). Biochemical Aspects of Malathion Teratogenesis in Chick Embryos. *Annual meeting of the american society of zoologists, american microscopical society, animal behavior society, the crustacean society, international association of astacology, and the society of systematic zoology, new orleans, louisiana, usa, december 27-30, 1987. Am zool* 27: 144a.

Chemical of Concern: MLN; Habitat: T

Korn, S. and Earnest, R. (1974). Acute Toxicity of Twenty Insecticides to Striped Bass, *Morone saxatilis*. *Calif.Fish Game* 60: 128-131.

EcoReference No.: 602

Chemical of Concern:

CBL,CPY,HCCH,MLN,MP,Naled,ABT,FNTH,EN,ES,DDT,HPT,MXC,TXP,AND,CHD,PRN,DLD;

Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Korpela, S. and Tulisalo, U. (1974). The Residual Contact Toxicity to Honey Bees of Eight Organophosphorous Insecticides on Rape Flowers Tested with a Simple Laboratory Method. *Ann.Ent.Fenn.* 40: 1-9.

EcoReference No.: 35309

Chemical of Concern: FNT,DDVP,MLN,MVP,PRN,DMT,TCF; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DMT,DDVP,TCF,FNT,MLN).

Korpela, S. and Tulisalo, U. (1974). The Residual Contact Toxicity to Honey Bees of Eight Organophosphorous Insecticides on Rape Flowers Tested with a Simple Laboratory Method. *Ann.Ent.Fenn.* 40: 1-9.

EcoReference No.: 35309

Chemical of Concern: FNT,DDVP,MLN,MVP,PRN,DMT; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DMT),OK(FNT,DDVP,MVP,PRN),OK TARGET(MLN).

Korth, W., Thomas, M., Foster, S., McCorkelle, G., and Bowmer, K. H. (1995). Toxicity of Rice and Maize Pesticides to Ceriodaphnia Sp.: Implications for Management of Irrigation Drainage Water in Australia. *Australasian Journal of Ecotoxicology [AUSTRALAS. J. ECOTOXICOL.]*. Vol. 1, no. 1, pp. 55-62. 1995.

Chemical of Concern: MLN; Habitat: A

Kosonocka, L. (1989). Varroa in Poland. *Am.Bee J.* 129: 597-599.

EcoReference No.: 90693

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO CONC(MLN).

Kot, A., Sandra, P., and David, F. (1994). Selectivity Tuning in Packed Column Sfc Separation of the Sixteen Priority Polycyclic Aromatic Hydrocarbons as an Example. *Hrc journal of high resolution chromatography* 17: 277-279.

Chemical of Concern: MLN; Habitat: AT

Kotak, B. G., Hrudey, S. E., Kenefick, S. L., and Prepas, E. E. (1993). Toxicity of Cyanobacterial Blooms in Alberta Lakes. *Nineteenth annual aquatic toxicity workshop, edmonton, alberta, canada, october 4-7, 1992. Canadian technical report of fisheries and aquatic sciences* 0: 172-179.

Chemical of Concern: MLN; Habitat: A

Kozlovskaya, V. I. and Mayer, F. L. Jr. (1984). Brain Acetylcholinesterase and Backbone Collagen in Fish intoxicated with Organophosphate Pesticides. *J.Gt.Lakes Res.* 10: 261-266.

EcoReference No.: 10564

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT,CONTROL(MLN).

Kralj, Mojca Bavcon, Trebse, Polonca, and Vasic, Vesna (2006). Insight in the Toxicity of Malathion Photodegradation Product: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S249.

Chemical of Concern: MLN; Habitat: AT

Krapac, I. G., Roy, W. R., Smyth, C. A., and Barnhardt, M. L. (1995). Occurrence and Distribution of Pesticides in Soil at Agrichemical Facilities in Illinois. *Journal of soil contamination* 4: 209-226.

Chemical of Concern: MLN; Habitat: T

Krause, R. T. and August, E. M. (1983). Applicability of a Carbamate Insecticide Multiresidue Method for Determining Additional Types of Pesticides in Fruits and Vegetables. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 66, no. 2, pp. 234-240. 1983.

Chemical of Concern: MLN; Habitat: T

Krause, W., Hamm, K., and Weissmuller, J. (1976). Damage to Spermatogenesis in Juvenile Rat Treated with DDVP and Malathion. *Bull. Environ. Contam. Toxicol.* 15: 458-462.

EcoReference No.: 35311

Chemical of Concern: MLN,DDVP; Habitat: T; Effect Codes: CEL; Code: NO
ENDPOINT(MLN,DDVP).

Krause, W., Hamm, K., and Weissmuller, J. (1975). The Effect of Peroral Application of DDVP and Malathion on Spermatogenesis and Leydig Cells of the Juvenile Rat (Die Wirkung Peroraler Gaben von DDVP und Malathion auf Spermatogenese und Leydigzellen der Juvenilen Ratte). *Andrologia* 7: 109-116 (GER) (ENG ABS).

EcoReference No.: 103504

Chemical of Concern: DDVP,MLN; Habitat: T; Code: NO FOREIGN(DDVP,MLN).

Kreuz, K., Fonne-Pfister, R., and Porpiglia, P. J. (1991). Organophosphorus Insecticides as Inhibitors of Cytochrome P450-Dependent Sulfonylurea Herbicide Metabolism. *Annual meeting of the american society of plant physiologists, albuquerque, new mexico, usa, july 28-august 1, 1991. Plant physiol (bethesda)* 96: 27.

Chemical of Concern: MLN; Habitat: T

Krieger, R. I., Ross, J. R., Thongsinthusak, T., Begum, S., and Leyva, J. (1990). Estimating Fieldworker Organophosphate Exposures Using Urinary Dialkylphosphates as Biomarkers. *199th acs (american chemical society) national meeting, boston, massachusetts, usa, april 22-27, 1990. Abstr pap am chem soc* 199: Agro 131.

Chemical of Concern: MLN; Habitat: T

Krishnamoorthy, A. (1985). Effect of Several Pesticides on Eggs, Larvae and Adults of the Green Lace-Wing Chrysopa scelerata Banks. *Entomon* 10: 21-28.

EcoReference No.: 90420

Chemical of Concern: SFR,MOM,CBL,DDVP,DMT,MLN,PPHD,CPY,PHSL,DCF,ES; Habitat: T;
Effect Codes: MOR,REP; Code: OK TARGET(ALL CHEMS).

Kroes, R., Galli, C., Munro, I., Schilter, B., Tran, L. A., Walker, R., and Wurtzen, G. (2000). Threshold of Toxicological Concern for Chemical Substances Present in the Diet: a Practical Tool for Assessing the Need for Toxicity Testing. *Food Chem. Toxicol.* 38: 255-312.

Chemical of Concern: AZ,CBL,DMT,MLN,ADC,DZ,Captan,ATZ,MTM,ACP,MZB,PCB; Habitat: T

Kshirsagar, D. G., Shivaraman, N., Muthal, P. L. , and Parhad, N. M. (1993). Malathion Degrading Organisms: Enrichment, Isolation and Identification. *Indian journal of environmental health* 35: 193-198.

Chemical of Concern: MLN; Habitat: T

Kubik, M., Nowacki, J., Michalczyk, L., Pidek, A., Warakomska, Z., and Goszczynski, W. (1998). Decay of Pesticides Residues in Bee Honey. *Journal of fruit and ornamental plant research* 6: 73-85.

Chemical of Concern: MLN; Habitat: T

Kucera, E. (1987). Brain Cholinesterase Activity in Birds After a City-Wide Aerial Application of Malathion. *Bull.Environ.Contam.Toxicol.* 38: 456-460.

EcoReference No.: 89097

Chemical of Concern: MLN,MXC,PPX; Habitat: T; Effect Codes: BCM,BEH,MOR; Code: NO ENDPOINT(MLN,MXC,PPX).

Kucklick, J. R. and Bidleman, T. F. (1994). Organic Contaminants in Winyah Bay, South Carolina I: Pesticides and Polycyclic Aromatic Hydrocarbons in Subsurface and Microlayer Waters. *Marine environmental research* 37: 63-78.

Chemical of Concern: MLN; Habitat: A

Kulkarni, A. P. and Hodgson, Ernest (1977). An Unusual Effect of N-Octylamine on the Cytochrome B5 Spectrum of Insect and Mammalian Microsomes. *Chemico-Biological Interactions* 17: 223-237.

Chemical of Concern: MLN; Habitat: T

Kulkarni, Arun P. and Hodgson, Ernest (1976). Spectral Characterization of Microsomal Cytochrome P-450 From the Midgut of the Tobacco Hornworm, Manduca Sexta J. *Insect Biochemistry* 6: 385-390.

Chemical of Concern: MLN; Habitat: T

Kulkarni, B. G. and Kulkarni, R. G. (1989). Hematological Responses of the Crab Scylla serrata (Forsk.) to Malathion Exposure. *J.Environ.Biol.* 10: 367-372.

EcoReference No.: 2611

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Kulkarni, H. J. and Natekar, G. R. (Hyperglycemic Action of Malathion a Commonly Used Insecticide. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol; 16 (1). 1984 (recd. 1985). 58-59.*

Chemical of Concern: MLN; Habitat: T

Kulkarni, K. M. and Kamath, S. V. (1980). The Metabolic Response of Paratelpusa jacquemontii to Some Pollutants. *Geobios* 7 : 70-73 (Author Communication Used).

EcoReference No.: 5036

Chemical of Concern: CdCl,PbN,HgCl₂,AMSV,PL,NAPH,EN,Urea,DU,MLN,CuS; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(ALL CHEMS).

Kulkarni, R. K. and Brueggemann, E. E. (1986). Specific Pollutant Adsorbent Polymers. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.

Chemical of Concern: MLN; Habitat: T

Kumar, D. and Sinha, S. P. (1989). Threshold Dose of Cytogenetic Toxicity of Lindane, Malathion and Metacid in Allium cepa Root-Tip Cells. *Cytologia (Tokyo)* 54: 547-552.

EcoReference No.: 89461

Chemical of Concern: MPO,MLN,HCCH; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN,MPO,HCCH).

Kumar, K. and Ansari, B. A. (1986). Malathion Toxicity: Effect on the Liver of the Fish *Brachydanio rerio* (Cyprinidae). *Ecotoxicol.Environ.Saf.* 12: 199-205.

EcoReference No.: 12291

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Kumar, K. and Ansari, B. A. (1984). Malathion Toxicity: Skeletal Deformities in Zebrafish (*Brachydanio rerio*, Cyprinidae). *Pestic.Sci.* 15: 107-111.

EcoReference No.: 10654

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,REP; Code: NO CONTROL(MLN).

Kumar, N., Kumari, J., and Fasihuddin, M. (1995). Arylesterase Inhibition by Malathion in Muscles and Plasma of an Air-Breathing Fish *Heteropneustes fossilis* (Bloch). *Himalayan J.Environ.Zool.* 9: 31-33.

EcoReference No.: 18086

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Kumar, N., Kumari, J., Verma, P. K., and Fasihuddin, M. (1995). Malathion Induced Qualitative and Quantitative Changes in Plasma Protein of an Air-Breathing Fish *Heteropneustes fossilis* (Bloch). *Environ.Ecol.* 13: 611-613.

EcoReference No.: 18108

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Kumar, P. and Sinha, A. K. (1994). Chemical Control of Red Cotton Bugs (*Dysdercus koenigii*) with Combination of Malathion and Metacid. *Environ.Ecol.* 12: 644-647 .

EcoReference No.: 40263

Chemical of Concern: MP,MLN; Habitat: T; Code: TARGET(MLN,MP).

Kumar, R., Mahla, J. C., and Kumar, V. (1994). Effect of Gunnybag Treatment with Insecticides and Plant Extracts Against Insect-Pests of Stored Rice. *Ann.Biol.* 10: 51-54.

EcoReference No.: 93071

Chemical of Concern: DDVP,CYP,FNV,MLN,FNT; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,FNV,DDVP,FNT).

Kumar, R. and Uppal, R. P. (1984). Biochemical Changes in Uterine and Ovarian Tissues of Rats Treated With Malathion. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol* 16: 59.

Chemical of Concern: MLN; Habitat: T

Kumar, S., Kumar, S., and Singh, P. K. (2005). Effect of Different Concentrations of Malathion on per Cent Head Infestation of Cabbage Infested by *Pieris Brassicae* L. (Lepidoptera: Pieridae). *Ann.Agri Bio Res.* 10: 91-92.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Kumar, S., Kumar, S., and Singh, P. K. (2005). Toxicity of Malathion Against Cabbage Butterfly *Pieris brassicae* Linn. (Lepidoptera: Pieridae) on Cabbage. *Ann.Biol.* 21: 207-208.

Chemical of Concern: MLN; Habitat: T; Code: EFFICACY(MLN).

Kumaran, S. and Tran-Minh, C. (1992). Determination of Organophosphorous and Carbamate Insecticides by Flow Injection Analysis. *Anal biochem* 200: 187-194.

Chemical of Concern: MLN; Habitat: AT

Kumari, B., Guha, A., Pathak, M. G., Bora, T. C., and Roy, M. K. (1998). Experimental Biofilm and Its Application in Malathion Degradation. *Folia microbiologica* 43: 27-30.

Chemical of Concern: MLN; Habitat: T

Kumari Beena, Madan, V. K., and Kathpal, T. S. (2008). Status of Insecticide Contamination of Soil and Water in Haryana, India. *Environmental Monitoring and Assessment [Environ. Monit. Assess.]*. Vol. 136, no. 1-3, pp. 239-244. Jan 2008.

Chemical of Concern: MLN; Habitat: AT

Kunz, S. E. and Kemp, D. H. (Insecticides and Acaricides Resistance and Environmental Impact. *Uilenberg, g. Revue scientifique et technique office international des epizooties*, vol. 13. No. 4. *Ectoparasites of animals and control methods; (scientific and technical review international office of epizootics*, vol. 13. No. 4. *Ectoparasites of animals and control methods*). 458p. *Office international des epizooties (oie): paris, france. Isbn 92-9044-365-0.; 0 (0). 1994. 1249-1286.*

Chemical of Concern: MLN; Habitat: T

Kuo, W. S. (1999). Effects of Photolytic Ozonation on Biodegradability and Toxicity of Industrial Wastewater. *Journal of environmental science and health part a toxic-hazardous substances & environmental engineering* 34: 919-933.

Chemical of Concern: MLN; Habitat: AT

Kurata, Y., Shibata, M. A., Miyata, E., Hasegawa, R., and Ito, N. (1993). Evaluation of Carcinogenicity of Pesticides in a Medium-Term Liver Carcinogenicity Bioassay. *20th annual meeting of the japanese society of toxicological sciences, chiba, japan, july 29-30, 1993. Journal of toxicological sciences* 18: 418.

Chemical of Concern: MLN; Habitat: T

Kurtz, D. A. (1990). Long Range Transport of Pesticides 195th National Meeting of the American Chemical Society Held Jointly With the Third Chemical Congress of North America Toronto Ontario Canada June 1988. *Kurtz, d. A. (Ed.). Long range transport of pesticides* 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: Xv+462p.

Chemical of Concern: MLN; Habitat: T

Kuwabara, K., Nakamura, A., and Kashimoto, T. (1980). Effect of Petroleum Oil, Pesticides, PCBs and Other Environmental Contaminants on the Hatchability of *Artemia salina* Dry Eggs. *Bull.Environ.Contam.Toxicol.* 25: 69-74.

EcoReference No.: 6548

Chemical of Concern: DS,DZ,HCCH,CBL,DLD,DMT,DDT,FNT,MLN,Captan,ALSV; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Kuwahara, M., Miyata, T., Saito, T., and Eto, M. (1981). Relationship Between High Esterase Activity and in Vitro Degradation of Super(14)C-Malathion by Organophosphate-Resistant and Susceptible Strains of the Kanzawa Spider Mite, Tetranychus Kanzawai Kishida (Acarina: Tetranychidae), and Their Inhibition With Specific Synergists. *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 297-305. 1981.

Chemical of Concern: MLN; Habitat: T

Labanowska, B. H. and Cianciara, T. (1988). The Suitability of "Electrodyn" Sprayer for the Control of Some Pests and Weeds on Strawberry Plantations. *Fruit Sci.Rep.* 15: 137-145.

EcoReference No.: 89376

Chemical of Concern: QZFE,FZFB,FZFPB,PIRM,CYP,PMR,MLN,DM,FNT; Habitat: T; Effect Codes: POP,PHY; Code: OK(CYP,PMR,FNT),NO ENDPOINT(QZFE,FZFB,FZFPB,PIRM),NO CROP(TARGET-MLN).

Labare, M. P. and Weiner, R. M. (1990). Interactions Between Shewanella Eolwelliana, Oyster Larvae, and Hydrophobic Organophosphate Pesticides. *Appl environ microbiol* 56: 3817-3821.

Chemical of Concern: MLN; Habitat: A

Labonde, J. (1996). Toxic Disorders. *Roskopf, w. J. And r. W. Woerpel (ed.). Diseases of cage and aviary birds, third edition. Xv+1088p. Williams and wilkins co.: Baltimore, maryland, usa London, england, uk. Isbn 0-683-07382-6.; 0: 511-522.*

Chemical of Concern: MLN; Habitat: AT

LaBrecque, G. C., Wilson, H. G., and Gahan, J. B. (1965). Residual Effectiveness of Some Insecticides Against Adult House Flies. *ARS 33-103, U.S.Dep.Agric.* 11 p.

EcoReference No.: 93929

Chemical of Concern: DZ,CBL,PSMO,ETN,TBTO,PPHD,Ziram,DMT,ES,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,TBTO,CBL,Ziram,DMT,DZ,PSMO,ES).

LaBrecque, G. C., Wilson, H. G., Gahan, J. B., and Weidhaas, D. E. (1971). Evaluation of Various Insecticides as Residual Sprays in Buildings Naturally Infested with Anopheles quadrimaculatus. *Mosq.News* 31: 206-208.

EcoReference No.: 65414

Chemical of Concern: ABT,MLN,PPX,MXC,CPYM; Habitat: A; Effect Codes: POP; Code: OK TARGET(MLN),OK(ALL CHEMS).

Lacorte, S. and Barcelo, D. (1995). Determination of Organophosphorus Pesticides and Their Transformation Products in River Waters by Automated on-Line Solid-Phase Extraction Followed by Thermospray Liquid Chromatography-Mass Spectrometry. *Journal of chromatography a* 712: 103-112.

Chemical of Concern: MLN; Habitat: AT

Lacorte, S. and Barcelo, D. (1996). Improvements in the Determination of Organophosphorus Pesticides in Ground- and Wastewater Samples From Interlaboratory Studies by Automated on-Line Liquid-Solid Extraction Followed by Liquid Chromatography-Diode Array Detection. *Journal of chromatography a* 725: 85-92.

Chemical of Concern: MLN; Habitat: AT

Lacorte, S., Lartiges, S. B., Garrigues, P., and Barcelo, D. (1995). Degradation of Organophosphorus Pesticides and Their Transformation Products in Estuarine Waters. *Environmental science & technology* 29: 431-438.

Chemical of Concern: MLN; Habitat: AT

Lacorte, S., Molina, C., and Barcelo, D. (1993). Screening of Organophosphorus Pesticides in Environmental Matrices by Various Gas Chromatographic Techniques. *Anal chim acta* 281: 71-84.

Chemical of Concern: MLN; Habitat: AT

Lahav, M. (1974). The Occurrence and Control of Parasites Infesting Mugilidae in Fish Ponds in Israel. *Bamidgeh* 26: 99-103.

EcoReference No.: 102995

Chemical of Concern: Naled,MLN; Habitat: A; Effect Codes: MOR,POP; Code: NO ENDPOINT,NO CONTROL(Naled,MLN).

LaHue, D. W. and Kadoum, A. (1979). Residual Effectiveness of Emulsion and Encapsulated Formulations of Malathion and Fenitrothion Against Four Stored Grain Beetles. *J.Econ.Entomol.* 72: 234-237.

EcoReference No.: 100494

Chemical of Concern: MLN,FNT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL,TARGET(MLN,FNT).

Lai, K., Stolowich, N. J., and Wild, J. R. (1995). Characterization of P-S Bond Hydrolysis in Organophosphorothioate Pesticides by Organophosphorus Hydrolase. *Archives of biochemistry and biophysics* 318: 59-64.

Chemical of Concern: MLN; Habitat: AT

Laila, A. R. (1998). Chronic Toxic Effects of Malathion on Fish Carbohydrate Metabolism. *Ann.Agric.Sci.* 36: 1211-1221.

Chemical of Concern: MLN; Habitat: A

Lakshmi, A. (1993). Pesticides in India Risk Assessment to Aquatic Ecosystems. *Science of the total environment* 0: 243-253.

Chemical of Concern: MLN; Habitat: A

Lal, B., Singh, A., Kumari, A., and Sinha, N. (1986). Biochemical and Haematological Changes Following Malathion Treatment in the Freshwater Catfish *Heteropneustes fossilis* (Bloch). *Environ.Pollut.Ser.A* 42 : 151-156.

EcoReference No.: 11903

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Lal, B. and Singh, T. P. (1987). The Effect of Malathion and gamma-BHC on the Lipid Metabolism in Relation to Reproduction in the Tropical Teleost, *Clarias batrachus*. *Environ.Pollut.* 48: 37-47.

EcoReference No.: 12629

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Lal, B. and Singh, T. P. (1987). Gamma-BHC- and Cythion-Induced Alterations in Lipid Metabolism in a Freshwater Catfish, *Clarias batrachus*, During Different Phases of its Annual Reproductive Cycle. *Ecotoxicol.Environ.Saf.* 14: 38-47.

EcoReference No.: 12667

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Lal, B. and Singh, T. P. (1987). Impact of Pesticides on Lipid Metabolism in the Freshwater Catfish, *Clarias batrachus*, during the Vitellogenic Phase of its Annual Reproductive Cycle. *Ecotoxicol.Environ.Saf.* 13: 13-23.

EcoReference No.: 12341

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Lal, B. and Singh, T. P. (1986). In Vivo Modification of Fatty Acids and Glycerides Metabolism in Response to 1,2,3,4,5,6-Hexachlorocyclohexane and Cythion Exposure in the Catfish, *Clarias batrachus*. *Ecotoxicol.Environ.Saf.* 11: 295-307.

EcoReference No.: 11904

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Lal, O. P. (1975). Insecticidal Sprayings Causing Pollen Sterility in Chinese Cabbage. *Acta Agron.Hung.* 24: 145-147.

EcoReference No.: 40851

Chemical of Concern: HCCH,DDT,DMT,CBL,ES,PRN,PPHD,DDVP,TCF,TXP,MLN; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT(ALL CHEMS).

Lal, R. and Dhanaraj, P. S. (1985). Cellular Aspects of Microbe-Insecticide Interactions. *International Review of Cytology [INT. REV. CYTOL.]*. Vol. 96, pp. 239-259. 1985.

Chemical of Concern: MLN; Habitat: AT

Lal, R. and Saxena, D. M. (1980). Cytological and Biochemical Effects of Pesticides on Microorganisms. *Residue Rev.* 73: 49-86.

Chemical of Concern: PCB,ATZ,DDT,DLD,24DX,Y,HCCH,AND,Captan,CHD,CTN,DU,MLN,Hg;
Habitat: T

Lalah, J. O. and Wandiga, S. O. (2001). The Effect of Boiling on the Removal of Persistent Malathion Residues From Stored Grains. *Journal of Stored Products Research*, 38 (1) pp. 1-10, 2001.

Chemical of Concern: MLO; Habitat: T

Lalah, J. O. and Wandiga, S. O. (1996). The Persistence and Fate of Malathion Residues in Stored Beans (*Phaseolus Vulgaris*) and Maize (*Zea Mays*). *Pesticide science* 46: 215-220.

Chemical of Concern: MLN; Habitat: T

Lam, W. K. and Tham, A. S. (1988). A Field Evaluation of the Effectiveness of ULV Application of Malathion 96% Technical Grade and Sumithion L-40S Against *Aedes aegypti* (Linnaeus) and *Aedes albopictus* (Skuse) in Ipoh Municipality, Perak, Malaysia. *Trop.Biomed.* 5: 81-88.

EcoReference No.: 92153

Chemical of Concern: MLN,FNT,TMT; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MLN),NO MIXTURE(FNT,TMT).

Lamb, J., Gulati, D., Choudhury, H., Chambers, R., and Poonacha, K. B. (1997). Lead Acetate Trihydrate. *Environ.Health Perspect.* 105: 317-318.

EcoReference No.: 51314

Chemical of Concern: PbAC; Habitat: T; Effect Codes: GRO,MOR,REP,PHY; Code: NO
COC(MLN),OK(PbAC)//OK Coded DSG//.

Lambert, M. Rk (1997). Environmental Effects of Heavy Spillage From a Destroyed Pesticide Store Near Hargeisa (Somaliland) Assessed During the Dry Season, Using Reptiles and Amphibians as Bioindicators. *Archives of environmental contamination and toxicology* 32: 80-93.

Chemical of Concern: MLN; Habitat: AT

Lamey, H. A., Zollinger, R. K., McBride, D. K., Venette, R. C., and Vennette, J. R. (1991). Production Problems and Practices of Northarvest Dry Bean Growers in 1989. *N d farm res* 49: 17-24.

Chemical of Concern: MLN; Habitat: T

Lancaster, J. L. Jr. and Meisch, M. V. (1974). Effect of Mosquito Control Chemicals on Aquatic Fauna. *Tech.Comp.Rep., W75-01319, OWRT-A0018-Ark(2), Water Resour.Res.Ctr., Univ.of Arkansas, Fayetteville, AR* 35 p. (U.S.NTIS PB-237518/6GA).

EcoReference No.: 2870

Chemical of Concern: MLN,FNTH,ABT; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Lander, F. and Hinke, K. (1992). Indoor Application of Anti-Cholinesterase Agents and the Influence of Personal Protection on Uptake. *Arch environ contam toxicol* 22: 163-166.

Chemical of Concern: MLN; Habitat: T

Landis, W. G. and Defrank, J. J. (1990). Enzymatic Hydrolysis of Toxic Organofluorophosphate Compounds. *Kamely, d., A. Chakrabarty and g. S. Omenn (ed.). Advances in applied biotechnology series, vol. 4. Biotechnology and biodegradation International workshop, lisbon, portugal, june 1989. Xxiii+504p. Gulf publishing co.: Houston, texas, usa; london, england, uk. Illus. Isbn 0-943255-06-6.; 0: 183-202.*

Chemical of Concern: MLN; Habitat: AT

Landrigan, P. J., Claudio, L., Markowitz, S. B., Berkowitz, G. S., Brenner, B. L., Romero, H., Wetmur, J. G., Matte, T. D., Gore, A. C., Godbold, J. H., and Wolff, M. S. (1999). Pesticides and Inner-City Children: Exposures, Risks, and Prevention. *Environmental health perspectives* 107: 431-437.

Chemical of Concern: MLN; Habitat: T

Lange, M., Gebauer, W., Markl, J., and Nagel, R. (1995). Comparison of Testing Acute Toxicity on Embryo of Zebrafish, Brachydanio rerio and RTG-2 Cytotoxicity as Possible Alternatives to the Acute Fish Test. *Chemosphere* 30: 2087-2102.

EcoReference No.: 16033

Chemical of Concern: UREA; Habitat: A; Effect Codes: MOR,GRO,PHY; Code: OK(UREA),NO
COC(CBL,MLN).

Lange, Monica, Gebauer, Wolfgang, Markl, Jurgén, and Nagel, Roland (1995). Comparison of Testing Acute Toxicity on Embryo of Zebrafish, Brachydanio Rerio and Rtg-2 Cytotoxicity as Possible Alternatives to the Acute Fish Test. *Chemosphere* 30: 2087-2102.

Chemical of Concern: MLN; Habitat: A

Lapirova, T. B. (2000). The Effect of Different Malathion Concentrations on Hematological Parameters of Carp Yearlings. *Biol. Vnutr. Vod/Biol. Inland Water. no. 4, pp. 141-145. 2000.*

Chemical of Concern: MLN; Habitat: AT

Larson, S. J., Capel, P. D., Goolsby, D. A., Zaugg, S. D., and Sandstrom, M. W. (1995). Relations Between Pesticide Use and Riverine Flux in the Mississippi River Basin. *Chemosphere* 31: 3305-3321.

Chemical of Concern: MLN; Habitat: A

Lartiges, S. B. and Garrigues, P. (1995). Gas Chromatographic Analysis of Organophosphorus and Organonitrogen Pesticides With Different Detectors. *Analusis* 23: 418-421.

Chemical of Concern: MLN; Habitat: T

Lartiges, S. B. and Garrigues, P. P. (1995). Degradation Kinetics of Organophosphorus and Organonitrogen Pesticides in Different Waters Under Various Environmental Conditions. *Environmental science & technology* 29: 1246-1254.

Chemical of Concern: MLN; Habitat: AT

Layton, M. B., Long, J. L., and Steinkraus, D. C. (2001). Influence of Boll Weevil Eradication on Cotton Aphid Populations in Mississippi Cotton. *Southwest.Entomol.* 57-67.

EcoReference No.: 91035

Chemical of Concern: MLN,MP,OML,DCTP; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT,NO CONTROL(MLN,MP).

Le Goff, G., Boundy, S., Daborn, P. J., Yen, J. L., Sofer, L., Lind, R., Sabourault, C., Madi-Ravazzi, L., and ffrench-Constant, R. H. (2003). Microarray Analysis of Cytochrome P450 Mediated Insecticide Resistance in *Drosophila*. *Insect Biochemistry and Molecular Biology* 33: 701-708.

Chemical of Concern: MLN; Habitat: T

Leader, H. and Casida, J. E. (1982). Resolution and Biological Activity of the Chiral Isomers of O-(4-Bromo-2-Chlorophenyl) O-Ethyl S-Propyl Phosphorothioate (Profenofos Insecticide). *J.Agric.Food Chem.* 30: 546-551.

EcoReference No.: 90747

Chemical of Concern: PFF,MLN,PMR; Habitat: AT; Effect Codes: MOR; Code: NO MIXTURE(MLN),NO ENDPOINT,NO CONTROL(PMR).

Lebel, G. L., Williams, D. T., and Benoit, F. M. (1987). Use of Large-Volume Resin Cartridges for the Determination of Organic Contaminants in Drinking Water Derived From the Great Lakes. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and toxicity testing* Symposium held at the 188th meeting of the american chemical society, philadelphia, pennsylvania, usa, august 29-31, 1984. Xvi+797p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-0951-0.; 0: 309-326.

Chemical of Concern: MLN; Habitat: A

Lechner, D. W. and Abdel-Rahman, M. S. (1986). The Effect of Carbaryl and Malathion in Combination on Gamma Glutamyl Transpeptidase and Glutathione-S-Alkyltransferase Activity in-Vitro. *Arch environ contam toxicol* 15: 647-652 .

Chemical of Concern: MLN; Habitat: T

Lechner, D. W. and Abdel-Rahman, M. S. (1986). Kinetics of Carbaryl and Malathion in Combination in the Rat. *J.Toxicol.Environ.Health* 18: 241-256.

EcoReference No.: 86611

Chemical of Concern: CBL,MLN; Habitat: T; Effect Codes: PHY,ACC,BCM; Code: NO CONTROL,ENDPOINT(CBL,MLN).

Lee, C. Y., Lee, L. C., Ang, B. H., and Chong, N. L. (1999). Insecticide Resistance in *Blattella germanica* (L.) (Dictyoptera: Blattellidae) from Hotels and Restaurants in Malaysia. In: W.H.Robinson, R.Rettich, and G.Rambo (Eds.), *Proc.3rd Int.Conf.on Urban Pests, Graficke Zavody Hronov, Czech Republic* 171-182.

EcoReference No.: 77207

Chemical of Concern:

ES,DLD,DDT,PMSM,FNT,DZ,CPY,CPYM,MLN,CBL,PPX,BFT,PMR,DM,ACT,HMN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,BFT,DZ,CBL).

Lee, D. S. and Nicholson, K. W. (1994). The Measurement of Atmospheric Concentrations and Deposition of Semi-Volatile Organic Compounds. *Environmental monitoring and assessment* 32: 59-91.

Chemical of Concern: MLN; Habitat: T

Lee, H. K. and Lai, Y. H. (1988). Studies on Malathion Residues in Tobacco Products by Capillary Column Gas Chromatography. *J singapore natl acad sci* 17: 111-114.

Chemical of Concern: MLN; Habitat: T

Lee, H. L. (1991). Field Evaluation of an Ultra-Low-Volume Aerosol Generator Against *Aedes* Mosquitoes. *Mosq.Borne Dis.Bull.* 8: 127-130.

EcoReference No.: 74332

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO COC(MLT),NO ENDPOINT(MLN),TARGET MLN.

Lee, H. L., Abimbola, O., and Inder Singh, K. (1992). Determination of Insecticide Susceptibility in *Culex quinquefasciatus* Say Adults by Rapid Enzyme Microassays. *Southeast Asian J.Trop.Med.Public Health* 23: 458-463.

EcoReference No.: 74244

Chemical of Concern: PPX; Habitat: T; Effect Codes: MOR; Code: NO COC(MLT),OK(TARGET-MLN).

Lee, K. W., Kim, H. C., Lee, S. H., Korch, G. W., and Klein, T. A. (1996). Susceptibility and Resistance to Diagnostic Doses of Insecticides on Vector and Nuisance Mosquitoes in Korea. *Korean J.Entomol.* 26 : 249-256 (KOR) (ENG ABS).

EcoReference No.: 99791

Chemical of Concern: MLN,TMP,CPY,FNTH,PPX,PMR; Habitat: T; Code: NO FOREIGN(MLN,CPY,PMR).

Lee, K. W., Kim, H. C., Lee, S. H., Korch, G. W., and Klein, T. A. (1996). Susceptibility and Resistance to Diagnostic Doses of Insecticides on Vector and Nuisance Mosquitoes in Korea. *Korean Journal of Entomology. Vol. 26, no. 3, pp. 249-256. Sep 1996.*

Chemical of Concern: MLN; Habitat: AT

Lee, S. E., Choi, W. S., Park, B. S., and Lee, B. H. (1998). A Spectrophotometric Assay for Cytochrome P450

Monooxygenase Activity. *Agricultural chemistry and biotechnology* 41: 213-217.

Chemical of Concern: MLN; Habitat: T

Lee, S. E. and Lees, E. M. (2001). Biochemical Mechanisms of Resistance in Strains of *Oryzaephilus surinamensis* (Coleoptera: Silvanidae) Resistant to Malathion and Chlorpyrifos-Methyl. *J.Econ.Entomol.* 94: 706-713.

EcoReference No.: 63704

Chemical of Concern: CPY-Methyl,MLN; Habitat: T; Code: TARGET(MLN).

Lee, S. E., Lees, E. M., and Campbell, B. C. (2000). Purification and Characterization of an Esterase Conferring Resistance to Fenitrothion in *Oryzaephilus Surinamensis* (L.) (Insecta, Coleoptera, Silvanidae). *Journal of Agricultural and Food Chemistry [J. Agric. Food Chem.]*. Vol. 48, no. 10, pp. 4991-4996. 16 Oct 2000.

Chemical of Concern: MLN; Habitat: T

Leggett, J. E. (1992). The Influence of Ulv Malathion, Applied for Boll Weevil Control, on Other Pest and Beneficial Species in Arizona Cotton Fields 1989-1990. *Southwest.Entomol.* 17: 49-61.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Legierse, K. C. H. M., Verhaar, H. J. M., Vaes, W. H. J., De Bruijn, J. H. M., and Hermens, J. L. M. (1999). Analysis of the Time-Dependent Acute Aquatic Toxicity of Organophosphorus Pesticides: The Critical Target Occupation Model. *Environ.Sci.Technol.* 33: 917-925.

EcoReference No.: 67992

Chemical of Concern: MDT,AZ,PSM,MLN; Habitat: A; Effect Codes: MOR,ACC,GRO,BCM; Code: NO SPECIES(AZ,MDT,PSM,MLN).

Lehotay, S. J. (1997). Supercritical Fluid Extraction of Pesticides in Foods. *Journal of chromatography a* 785: 289-312.

Chemical of Concern: MLN; Habitat: T

Lehotay, S. J. and Eller, K. I. (1995). Development of a Method of Analysis for 46 Pesticides in Fruits and Vegetables by Supercritical Fluid Extraction and Gas Chromatography on Trap Mass Spectrometry. *Journal of aoac international* 78: 821-830.

Chemical of Concern: MLN; Habitat: T

Lehotay, S. J., Harman-Fetcho, J. A., and McConnell, L. L. (1998). Agricultural Pesticide Residues in Oysters and Water From Two Chesapeake Bay Tributaries. *Marine pollution bulletin* 37: 32-44.

Chemical of Concern: MLN; Habitat: A

Lehotay, S. J. and Lee, C. H. (1997). Evaluation of a Fibrous Cellulose Drying Agent in Supercritical Fluid Extraction and Pressurized Liquid Extraction of Diverse Pesticides. *Journal of chromatography a* 785: 313-327.

Chemical of Concern: MLN; Habitat: T

Lehotay, S. J. and Valverde-Garcia, A. (1997). Evaluation of Different Solid-Phase Traps for Automated Collection and Clean-up in the Analysis of Multiple Pesticides in Fruits and Vegetables After Supercritical Fluid Extraction. *Journal of chromatography a* 765: 69-84.

Chemical of Concern: MLN; Habitat: T

Leighton, F. A. (1988). Some Observations of Diseases Occurring in Saskatchewan Canada Wildlife. *Blue jay* 46: 121-125.

Chemical of Concern: MLN; Habitat: T

Lemon, R. W. (1966). Laboratory Evaluation of Some Organophosphorus Insecticides Against *Tribolium confusum* Duv. and *T. castaneum* (Hbst.) (Coleoptera, Tenebrionidae). *J.Stored Prod.Res.* 1: 247-253.

Chemical of Concern: PSM, DMT, MLN, DZ; Habitat: T; Code: TARGET (PSM,DZ,DMT,MLN).

Lenoir, J., Aston, L., Datta, S., Fellers, G., McConnell, L., and Seiber, J. (1998). Pesticides and Pcb's in Sierra Nevada Ecosystems Potential Relationship to Decline of Amphibians. *216th national meeting of the american chemical society, boston, massachusetts, usa, august 23-27, 1998. Abstracts of papers american chemical society* 216: Envr 114.

Chemical of Concern: MLN; Habitat: AT

Lenon, H., Curry, L., and Miller, A. (1972). Insecticide Residues in Water and Sediment Cisterns on the Us and British Virgin Islands - 1970. *Pestic. Monit. J. Vol. 6, no. 3, pp. 188-193. 1972.*

Chemical of Concern: MLN; Habitat: AT

Lentza-Rizos, C. (1996). Insecticides Authorized for Use on Olive Trees and the Relationship Between Their Registration and Residues in Olive Oil. *Grasas y aceites* 47: 392-396.

Chemical of Concern: MLN; Habitat: T

Leonard, B. R., Graves, J. B., and Long, D. W. (1993). Control of Boll Weevil in Cotton With Selected Insecticides, 1991. *Insectic.Acaric.Tests* 18: 242-243 (72F).

EcoReference No.: 90650

Chemical of Concern: MLN,AZ,CYF,LCYT; Habitat: T; Effect Codes: POP; Code: OK
TARGET(MLN,AZ,CYF).

Leonard, R. A. (1990). Movement of Pesticides Into Surface Waters. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 303-350.*

Chemical of Concern: MLN; Habitat: A

Leoni, V., Caricchia, A. M., and Chiavarini, S. (1992). Multiresidue Method for Quantitation of Organophosphorus Pesticides in Vegetable and Animal Foods. *J aoac (assoc off anal chem) int* 75: 511-518.

Chemical of Concern: MLN; Habitat: T

Leoni, V., Caricchia, A. M., Comi, R., Martini, F., Rodolico, S., and Vitali, M. (1995). Risk Assessment of Organophosphorus Pesticide Dietary Intake for the Population of the City of Rome Italy. *Bulletin of environmental contamination and toxicology* 54: 870-877.

Chemical of Concern: MLO; Habitat: T

Leoni, V., Cremisini, C., Giovanazzo, R., Puccetti, G., and Vitali, M. (1992). Activated Sludge Biodegradation Test

as a Screening Method to Evaluate Persistence of Pesticides in Soil. *The Science of The Total Environment* 123-124: 279-289.

Chemical of Concern: MLN; Habitat: AT

Leonova, I. N. and Slynko, N. M. (2004). Life Stage Variations in Insecticidal Susceptibility and Detoxification Capacity of the Beet Webworm, *Pyrausta sticticalis* L. (Lep., Pyralidae). *J.Appl.Entomol.* 128: 419-425.

EcoReference No.: 100430

Chemical of Concern: MP,MPO,MLN,CPYM,PIRM,FNT,DZ,CBL,FNV,PMR,PTPMR,BRSM,PPB,ES;

Habitat: T; Effect Codes: MOR,ACC; Code: LITE EVAL

CODED(ES),TARGET(MP,MPO,MLN,CPYM,PIRM,FNT,DZ,CBL,FNV,BRSM),OK(PMR,PTPMR,PPB,FNT).

Lepine, F. L. (1991). Effects of Ionizing Radiation on Pesticides in a Food Irradiation Perspective: a Bibliographic Review. *J agric food chem* 39: 2112-2118.

Chemical of Concern: MLN; Habitat: T

Leslie Hasegawa and Toshiko Imamura (1985). Inhibitory Effect of Various Organophosphorus Esters on Rat Liver Malathion Carboxylesterase in Vitro: Role of Mixed-Function Oxidases. *Toxicology Letters* 26: 225-231.

Chemical of Concern: MLN; Habitat: T

Lethbridge, G. and Burns, R. G. (1976). Inhibition of Soil Urease by Organophosphorus Insecticides. *Soil Biology and Biochemistry* 8: 99-102.

Chemical of Concern: MLN; Habitat: AT

Lethbridge, G. and Burns, R. G. (1976). Inhibition of Soil Urease by Organophosphorus Insecticides. *Soil Biol Biochem* 8: 99-102.

EcoReference No.: 51476

Chemical of Concern: MLN,FNT,PRT; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Letouze, A. and Gasquez, J. (2003). Enhanced Activity of Several Herbicide-Degrading Enzymes: A Suggested Mechanism Responsible for Multiple Resistance in Blackgrass (*Alopecurus myosuroides* Huds.). *Agronomie* 23: 601-608.

EcoReference No.: 89151

Chemical of Concern: PPB,MLN,FNP,HFP,CLFP; Habitat: T; Effect Codes: GRO; Code: OK(HFP,CLFP),OK TARGET(FNP),NO MIXTURE(PPB,MLN).

Levy, C. E., Doll, J. M., and Wright, M. E. (1987). Control of an Outbreak of Mosquito-Borne Encephalitis Along the Colorado River in 1983. *J.Am.Mosq.Control Assoc.* 3: 100-101.

Chemical of Concern: MLN,TMP; Habitat: A; Code: NO REVIEW(MLN,TMP).

Levy, R. and Miller, T. W. Jr. (1978). Tolerance of the Planarian *Dugesia dorotocephala* to High Concentrations of Pesticides and Growth Regulators. *Entomophaga* 23: 31-34.

EcoReference No.: 5152

Chemical of Concern: MTPN,TMP,FNTH,CPY,MLN,DFZ; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Lewallen, L. L. (1962). Toxicity of Certain Insecticides to Hydrophilid Larvae. *Mosq.News* 22: 112-113.

EcoReference No.: 2906

Chemical of Concern: MLN,PRN; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(MLN),OK(PRN).

Lewallen, L. L. (1959). Toxicity of Several Organophosphorus Insecticides to *Gambusia affinis* (Baird and Girard) in Laboratory Tests. *Mosq.News* 19: 1-2.

EcoReference No.: 8017

Chemical of Concern: PRN,AZ,MLN,PRT,Naled; Habitat: A; Effect Codes: MOR; Code: NO
ENDPOINT(PRT,AZ,MLN,Naled).

Lewis, M. A. (1986). Impact of a Municipal Wastewater Effluent on Water Quality, Periphyton, and Invertebrates in the Little Miami River Near Xenia, Ohio (Usa). *Ohio j sci* 86: 2-8.

Chemical of Concern: MLN; Habitat: A

Lewis, R. G., Fortune, C. R., Willis, R. D., Camann, D. E., and Antley, J. T. (1999). Distribution of Pesticides and Polycyclic Aromatic Hydrocarbons in House Dust as a Function of Particle Size. *Environmental health perspectives* 107: 721-726.

Chemical of Concern: MLN; Habitat: T

Lewis, T. (1997). Chemical Control. Lewis, t. (Ed.). *Thrips as crop pests. Xii+740p. Cab international: wallingford, england, uk New york, new york, usa. Isbn 0-85199-178-5.; 0: 567-593.*

Chemical of Concern: MLN; Habitat: AT

Lewis, W. M. (1993). Acute and Chronic Responses of *Menidia beryllina*, *Rivulus marmoratus*, and *Cyprinodon variegatus* to Malathion and Zinc Chloride. *M.S.Thesis, FL Inst.Technol.,Melbourne,FL* .: 59 p.

EcoReference No.: 13431

Chemical of Concern: MLN,Zn; Habitat: A; Effect Codes: MOR,REP,GRO; Code: NO
CONTROL(MLN).

Leyva, J., Lee, P., and Goh, K. S. (1998). Removal of Malathion Residues on Lettuce by Washing. *Bulletin of environmental contamination and toxicology* 60: 592-595.

Chemical of Concern: MLN; Habitat: T

Li, H., Schopfer, L. M., Nachon, F., Froment, M. T., Masson, P., and Lockridge, O. (Aging Pathways for Organophosphate-Inhibited Human Butyrylcholinesterase, Including Novel Pathways for Isomalathion, Resolved by Mass Spectrometry. *Toxicol sci.* 2007, nov; 100(1):136-45. [*Toxicological sciences : an official journal of the society of toxicology*]: *Toxicol Sci.*

Chemical of Concern: MLN; Habitat: AT

Li, S. N. and Fan, D. F. (1997). Activity of Esterases From Different Tissues of Freshwater Fish and Responses of Their Isoenzymes to Inhibitors. *Journal of toxicology and environmental health* 51: 149-157.

Chemical of Concern: MLN; Habitat: A

Li, S.-N. and Fan, D.-F. (1996). Correlation Between Biochemical Parameters and Susceptibility of Freshwater Fish to Malathion. *J.Toxicol.EnvIRON.Health* 48: 413-418.

EcoReference No.: 19981

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Li, W., Merrill, D. E., and Haith, D. A. (1990). Loading Functions for Pesticide Runoff. *Res j water pollut control fed* 62: 16-26.

Chemical of Concern: MLN; Habitat: A

Li, Z. C., Yost, R. S., and Green, R. E. (1998). Incorporating Uncertainty in a Chemical Leaching Assessment. *Journal of contaminant hydrology* 29: 285-299.

Chemical of Concern: MLN; Habitat: AT

Liang, Ying, Liu, Xian Jin, Liu, Yuan, Yu, Xiang Yang, and Fan, Ming Tao (2008-). Synthesis of three haptens for the class-specific immunoassay of O,O-dimethyl organophosphorus pesticides and effect of hapten heterology on immunoassay sensitivity. *Analytica Chimica Acta* 615: 174-183.

Chemical of Concern: MLN; Habitat: T

Liao, W., Joe, T., and Cusick, W. G. (1991). Multiresidue Screening Method for Fresh Fruits and Vegetables With Gas Chromatographic/Mass Spectrometric Detection. *J assoc off anal chem* 74: 554-565.

Chemical of Concern: MLN; Habitat: T

Libes, S. M. (1992). An Introduction to Marine Biogeochemistry. *Libes, s. M. An introduction to marine biogeochemistry. Xv+734p. John wiley and sons, inc.: New york, new york, usa* Chichester, england, uk. Isbn 0-471-50946-9.; 0: Xv+734p.

Chemical of Concern: MLN; Habitat: AT

Light, K. E. (1985). Brief Malathion Exposure During the Late Brain Growth Spurt and the Long-Term Effects on Muscarinic and Histaminergic Receptor Binding in Rat Brain. *15th annual meeting of the society for neuroscience, part 2, dallas, tex., Usa, oct. 20-25, 1985. Soc neurosci abstr* 11: 993.

Chemical of Concern: MLN; Habitat: T

Lilius, H., Hastbacka, T., and Isomaa, B. (1996). A Combination of Fluorescent Probes for Evaluation of Cytotoxicity and Toxic Mechanisms in Isolated Rainbow Trout Hepatocytes. *Toxicology in vitro* 10: 341-348.

Chemical of Concern: MLN; Habitat: A

Lilius, H., Hastbacka, T., and Isomaa, B. (1995). A Comparison of the Toxicity of 30 Reference Chemicals to *Daphnia magna* and *Daphnia pulex*. *Environ.Toxicol.Chem.* 14: 2085-2088.

EcoReference No.: 16385

Chemical of Concern: 24DXY,MLN,CuS,NCTN,PNB,As; Habitat: A; Effect Codes: PHY,MOR; Code: NO CONTROL(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

Lilius, H., Isomaa, B., and Holmstrom, T. (1994). A Comparison of the Toxicity of 50 Reference Chemicals to Freshly Isolated Rainbow Trout Hepatocytes and *Daphnia magna*. *Aquat.Toxicol.* 30: 47-60.

EcoReference No.: 16756

Chemical of Concern:

24DXY,HCCH,MLN,WFN,CF,CuS,PAQT,PL,SFL,LPS,PCP,CTC,BA,Hg,Ti,NCTN; Habitat: A; Effect Codes: PHY,MOR,CEL; Code: NO CONTROL(ALL CHEMS).

Lilius, H., Sandbacka, M., and Isomaa, B. (1995). The Use of Freshly Isolated Gill Epithelial Cells in Toxicity Testing. *Toxicology in vitro* 9: 299-305.

Chemical of Concern: MLN; Habitat: A

Lima, J. B. P., Da-Cunha, M. P., Da Silva, R. C. Jr., Galardo, A. K. R., Soares, S. D. S., Braga, I. A., Ramos, R. P., and Valle, D. (2003). Resistance of Aedes aegypti to Organophosphates in Several Municipalities in the State of Rio de Janeiro and Espirito Santo, Brazil. *Am.J.Trop.Med.Hyg.* 68: 329-333.

EcoReference No.: 103858

Chemical of Concern: MLN,TMP,FNT; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(FNT,MLN,TMP).

Lima, M. M. and Rey, L. (1990). Control of Triatomines Vectors of Chagas' Disease Fed on Blood-Baits Containing Synthetic Insecticides. *Proceedings of the xvii annual meeting on basic research in chagas' disease, caxambu, minas gerais, brazil, november 5-6, 1990. Mem inst oswaldo cruz rio j* 85: 115.

Chemical of Concern: MLN; Habitat: T

Lin, P. T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1983). Hydrolysis of Malathion by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 20: 232-237.

Chemical of Concern: MLN; Habitat: T

Lin, Paul T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1984). Hydrolysis of Malathion Homologs by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 22: 110-116.

Chemical of Concern: MLN; Habitat: T

Lin, Paul T., Main, A. R., Tucker, W. P., Motoyama, N., and Dauterman, W. C. (1984). Studies on Organophosphorus Impurities in Technical Malathion: Inhibition of Carboxylesterases and the Stability of Isomalathion. *Pesticide Biochemistry and Physiology* 21: 223-231.

Chemical of Concern: MLN; Habitat: T

Lin, S., Marshall, E. G., and Davidson, G. K. (1994). Potential Parental Exposure to Pesticides and Limb Reduction Defects. *Scandinavian journal of work environment & health* 20: 166-179.

Chemical of Concern: MLN; Habitat: T

Lin, Y. W. and Hee, S. Sq (1998). Permeation of a Malathion Formulations Through Butyl Gloves. *Journal of hazardous materials* 60: 143-158.

Chemical of Concern: MLN; Habitat: AT

Lin, Y. W. and Hee, S. Sq (1998). Simultaneous Gas Chromatographic-Mass Spectrometric Quantitation of the Alkylbenzene Inert Components, Pesticide Manufacturing by-Products and Active Ingredient in Two Malathion Formulations. *Journal of chromatography a* 814: 181-186.

Chemical of Concern: MLN; Habitat: T

Lindahl, I. L., Terrill, C. E., and Reynolds, P. J. (1971). Lambing Performance of Insecticide Fed Ewes. *J.Anim.Sci.* 33: 259 (ABS).

Chemical of Concern: MXC,MLN; Habitat: T; Code: NO ABSTRACT(ALL CHEMS).

Linduska, J. J., Ross, M., and Stevenson, S. (1990). Colorado Potato Beetle Control on Tomatoes with NTN-33893, 1991. *Insectic.Acaric.Tests* 17: 156 (102E).

EcoReference No.: 90704

Chemical of Concern: IMC,OML; Habitat: T; Effect Codes: POP,GRO; Code: NO COC(MLN).

Line, D. E., Osmond, D. L., Coffey, S. W., Arnold, J. A., Gale, J. A., Spooner, J., and Jennings, G. D. (1994). Fate and Effects of Pollutants Nonpoint Sources. *Water environment research* 66: 585-601.

Chemical of Concern: MLN; Habitat: A

Linley, J. R. and Jordan, S. (1992). Effects of Ultra-Low Volume and Thermal Fog Malathion, Scourge and Naled Applied Against Caged Adult Culicoides furens and Culex quinquefasciatus in Open and Vegetated Terrain. *J.Am.Mosq.Control Assoc.* 8: 69-76.

EcoReference No.: 69763

Chemical of Concern: RSM,MLN,Naled; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,RSM,Naled).

Liquido, N. J., Cunningham, R. T., and Mcquate, G. T. (1997). Photoactive Dyes Mixed in Baits and Lures for Fruit Fly Suppression and Eradication. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 65s.

Chemical of Concern: MLN; Habitat: T

Liska, I. (1993). On-Line Versus Off-Line Solid-Phase Extraction in the Determination of Organic Contaminants in Water Advantages and Limitations. *Journal of chromatography a* 655: 163-176.

Chemical of Concern: MLN; Habitat: A

Liska, I., Barcelo, D., and Grasserbauer, M. (1996). Strategy for the Screening of Organic Pollutants in a River Basin: an Overview of the Nitra River Monitoring Programme. *Trends in analytical chemistry* 15: 326-334.

Chemical of Concern: MLN; Habitat: T

Liu, B., Gao, X. W., and Zheng, B. Z. (2003). Effects of Sublethal Doses of Anticholinesterase Agents on Toxicity of Insecticides and Their Induction to Acetylcholinesterase (Ache) Activity in Helicoverpa Armigera. *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 46, no. 6, pp. 691-696. 2003.

Chemical of Concern: MLN; Habitat: AT

Liu, J., Zhu, Y. N., Zhang, X. H., Wang, C. X., and Liang, Y. P. (2007). Pesticides Influence on the Chromium Adsorption of Paddy Soil. *Journal of GuiLin University of Technology [J. GuiLin Univ. Tech.]*. Vol. 27, no. 4, pp. 501-504. Nov 2007.

Chemical of Concern: MLN; Habitat: A

Liu, M., Hashi, Y., Song, Y., and Lin, J. M. (2005-). Simultaneous Determination of Carbamate and Organophosphorus Pesticides in Fruits and Vegetables by Liquid Chromatography-Mass Spectrometry.

J.Chromatogr.A 1097: 183-187.

Chemical of Concern: MCB,ADC,CBL,MDT,AZ,MLN,PHSL,FMA; Habitat: T

Liu Pei-Shan, Kao Lung-Sen, and Lin Meng-Kai (1994). Organophosphates Inhibit Catecholamine Secretion and Calcium Influx in Bovine Adrenal Chromaffin Cells. *Toxicology. Vol. 90, no. 1-2, pp. 81-91. 1994.*

Chemical of Concern: MLN; Habitat: T

Liu, Q., Hirono, S., Matsushita, Y., and Moriguchi, I. (1992). Qsars Based on Fuzzy Adaptive Least-Squares Analysis for the Aquatic Toxicity of Organic Chemicals. *Meeting of the american chemical society, the chemical society of japan, and the canadian society for chemistry on structure-activity and structure-property relationships in environmental chemistry and toxicology (pacifichem '89), honolulu, hawaii, usa, december 17-22, 1989. Environ toxicol chem* 11: 953-959.

Chemical of Concern: MLN; Habitat: AT

Liu, Z. W. and Han, Z. J. (2003). The Roles of Carboxylesterase and AChE Insensitivity in Malathion Resistance Development in Brown Planthopper. *Acta Entomol.Sin.* 46: 250-253.

EcoReference No.: 82307

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: TARGET MLN.

Liu Ze-Wen, Han Zhao-Jun, and Zhang Ling-Chun (2002). Cross Resistance of Methamidophos Resistant Strain of Brown Planthopper and the Biochemical Mechanism Responsible. *Acta Entomologica Sinica [Acta Entomol. Sin.]. Vol. 45, no. 4, pp. 447-452. 2002.*

Chemical of Concern: MLN; Habitat: AT

Lloyd, R. W. and Krieg, D. R. (1987). Cotton Development and Yield as Affected by Insecticides. *J.Econ.Entomol.* 80: 854-858.

EcoReference No.: 90706

Chemical of Concern: FYT,CBL,MLN; Habitat: T; Effect Codes: GRO,PHY; Code: NO CROP(MLN),OK TARGET(CBL).

Locke, J. C. and Clement, D. L. (1992). Evaluation of Alternative Pest Control Materials for Home Garden Rose Maintenance. *Meeting of the potomac division of the american phytopathological society, newark, delaware, usa, march 18-20, 1992. Phytopathology* 82: 719-720.

Chemical of Concern: MLN; Habitat: T

Lockhart, W. L., Metner, D. A., Ward, F. J., and Swanson, G. M. (1985). Population and Cholinesterase Responses in Fish Exposed to Malathion Sprays. *Pestic.Biochem.Physiol.* 24: 12-18.

EcoReference No.: 11772

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Lockridge, O. (2002). Biochemical Markers for Exposure to Low Doses of Organophosphorus Insecticides. *Annu.Rep.1 Aug.2001-31 Jul 2002, Nebraska Univ.Med.Ctr., Omaha, NE* 119 p. (NTIS 00410015).

EcoReference No.: 92590

Chemical of Concern: CPYO,DDVP,MLO; Habitat: T; Effect Codes: PHY,BEH,GRO,BCM; Code: NO CONTROL,NO ENDPOINT(CPYO,MLO,DDVP).

Lockwood, L. M., Majumder, S. K., and Lineback, D. R. (1974). Degradation of Organophosphate Pesticides in Cereal Grains During Milling and Cooking in India. *Cereal Sci.Today* 19: 330-333.

EcoReference No.: 101303

Chemical of Concern: MLN,TVP; Habitat: T; Effect Codes: ACC,MOR; Code: TARGET(TVP,MLN).

Loeb, H. A. and Kelly, W. H. (1963). Acute Oral Toxicity of 1,496 Chemicals Force-fed to Carp. *U.S.Fish.Wildl.Serv., Sp.Sci.Rep.-Fish.No.471, Washington, D.C.* 124 p.

EcoReference No.: 15898

Chemical of Concern:

AZ,Captan,CBL,CMPH,HCCH,MLN,Naled,SZ,PNB,ACL,WFN,FUR,DPC,RTN,NaN3,PCP,NaPCP,AsA C,ACL,ATZ,Se,Zn,DZ,PYPG; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL,ENDPOINT(AZ,Captan,CBL,CMPH,HCCH,MLN,Naled,SZ,PNB,ACL,WFN,FUR,DPC,RTN ,NaN3,PCP,NaPCP,AsAC,ACL,ATZ,Se,Zn,DZ,PYPG).

Lohar, M. K. and Wright, D. J. (1999). Studies on the Possible Changes in Body Weight, Food Consumption and Frass Production in *Tenebrio molitor* L. Treated with Malathion. *Pak.J.Zool.* 31: 117-120.

EcoReference No.: 89590

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BEH,PHY; Code: OK TARGET(MLN).

Lohman, P. Hm, Mendelsohn, M. L., Moore, D. H Li , Waters, M. D., Brusick, D. J., Ashby, J., and Lohman, W. Ja (1992). A Method for Comparing and Combining Short-Term Genotoxicity Test Data the Basic System. *Mutat res* 266: 7-25.

Chemical of Concern: MLN; Habitat: T

Lomte, V. S. and Alam, S. M. (1985). Temperature Dependent Toxicity of Malathion to the Freshwater Gastropod *Viviparus bengalensis*. *C.A.Sel.-Environ.Pollut.* 20: 105-110 .

EcoReference No.: 2331

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Lone, K. P. and Javaid, M. Y. (1976). Effect of Sublethal Doses of Three Organophosphorus Insecticides on the Haematology of *Channa punctatus* (Bloch). *Pak.J.Zool.* 8: 77-84.

EcoReference No.: 7842

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Long, H., Kirrane, B., Nelson, L. S., and Hoffman, R. S. (2003). Carbaryl Inhibition of Plasma Cholinesterase Activity. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 41, no. 5, p. 737. Aug 2003.

Chemical of Concern: MLN; Habitat: AT

Long, J. La, House, W. A., Parker, A., and Rae, J. E. (1998). Micro-Organic Compounds Associated With Sediments in the Humber Rivers. *Science of the total environment* 210-211: 229-253.

Chemical of Concern: MLN; Habitat: A

Longley, M. (1999). A Review of Pesticide Effects Upon Immature Aphid Parasitoids Within Mummified Hosts. *International journal of pest management* 45: 139-145.

Chemical of Concern: MLN; Habitat: T

Lopes, L. R., Santos, S., Dell'aqua, J. P., Del-Carratore, C. R., and Hoshino, K. (1989). Recovery Facilitation of Malathion-Intoxicated Freshwater Fish by Exposure to Hypertonic Environment. *Braz.J.Med.Biol.Res.* 22: 269-273.

EcoReference No.: 89169

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY,GRO; Code: NO CONTROL,ENDPOINT(MLN).

Lopez-Avila, V., Beckert, W. F., and Billets, S. (1991). Supercritical Fluid Extraction and Its Application to Environmental Analysis. *Friedman, d. (Ed.). Astm (american society for testing and materials) special technical publication, 1075. Waste testing and quality assurance, vol. 3. Xii+411p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1294-7. 0: 141-153.*

Chemical of Concern: MLN; Habitat: A

Lopez-Avila, V., Benedicto, J., and Bauer, K. M. (1998). Stability of Organochlorine and Organophosphorus Pesticides When Extracted From Solid Matrixes With Microwave Energy. *Journal of aoac international* 81: 1224-1232.

Chemical of Concern: MLN; Habitat: T

Lopez-Avila, V., Young, R., and Beckert, W. F. (1997). On-Line Determination of Organophosphorus Pesticides in Water by Solid-Phase Microextraction and Gas Chromatography With Thermionic-Selective Detection. *Hrc journal of high resolution chromatography* 20: 487-492.

Chemical of Concern: MLN; Habitat: A

Lopez-Carillo, L. and Lopez-Cervantes, M. (1993). Effect of Exposure to Organophosphate Pesticides on Serum Cholinesterase Levels. *Archives of environmental health* 48: 359-363.

Chemical of Concern: MLN; Habitat: T

Lopez-Carvajal, A., Grijalva-Contreras, R. L., and Robles-Contreras, F. (1995). Chemical Control of the European Asparagus Aphid *Brachycorynella Asparagi* Mordvilko in Northwestern Mexico. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 828.

Chemical of Concern: MLN; Habitat: T

Lopez, F. J., Beltran, J., Forcada, M., and Hernandez, F. (1998). Comparison of Simplified Methods for Pesticide Residue Analysis: Use of Large-Volume Injection in Capillary Gas Chromatography. *Journal of chromatography a* 823: 25-33.

Chemical of Concern: MLN; Habitat: AT

Lorenz, W., Bahadir, M., Korte, F., and Drawert, F. (1983). Pestizide Im Tabakrauch Ii. Pyrolyseverhalten Von Ausgewählten Pestiziden Beim Tabakrauchen. *Chemosphere* 12: 271-275.

Chemical of Concern: MLN; Habitat: T

Lores, E. M., Moore, J. C., and Moody, P. (1987). Improved Silica Gel Cleanup Method for Organophosphorus Pesticides. *Chemosphere* 16: 1065-1070.

Chemical of Concern: MLN; Habitat: AT

Lovatt, J. (1991). Growing Pumpkins Grammas and Watermelons in Queensland. *Lovatt, j. Growing pumpkins, grammas and watermelons in queensland. Iv+44p. Queensland department of primary industries: brisbane, queensland, australia. Illus. Paper. Isbn 0-7242-3995-2. 0: Iv+44p.*

Chemical of Concern: MLN; Habitat: T

Lovell, R. A., Mcchesney, D. G., and Price, W. D. (1996). Organohalogen and Organophosphorus Pesticides in Mixed Feed Rations: Findings From Fda's Domestic Surveillance During Fiscal Years 1989-1994. *Journal of aoac international* 79: 544-548.

Chemical of Concern: MLN; Habitat: T

Lowe, J. I. (1965). Results of Toxicity Tests with Fishes and Macroinvertebrates. *Unpublished Data, Data Sheets Available from U.S.EPA Res.Lab., Gulf Breeze, FL* 81 p.

EcoReference No.: 14574

Chemical of Concern:

DDT,PRN,TXP,CPY,DLD,AND,HPT,HCCH,CHD,MXT,ABT,ES,Naled,CBL,ATM,ETN,AZ,PRT,DDVP,PSM,DZ,MLN,CTN,EN; Habitat: A; Effect Codes: NOC,GRO,MOR; Code: LITE EVAL CODED(Naled),NO ENDPOINT,CONTROL(MLN).

Luck, R. F. and Dahlsten, D. L. (1975). Natural Decline of a Pine Needle Scale (*Chionaspis pinifoliae* (Fitch)), Outbreak at South Lake Tahoe, California Following Cessation of Adult Mosquito Control with Malathion. *Ecology* 56: 893-904.

Chemical of Concern: MLN; Habitat: T; Code: NO CONC(MLN).

Luck, R. F., Van den Bosch, R., and Garcia, R. (1977). Chemical Insect Control - A Troubled Pest Mangement Strategy. *Bioscience* 27: 606-611.

EcoReference No.: 97197

Chemical of Concern: PPX,MLN,DDT; Habitat: T; Code: NO REVIEW(ALL CHEMS).

Luckarift, H. R., Greenwald, R., Bergin, M. H., Spain, J. C., and Johnson, G. R. (Biosensor System for Continuous Monitoring of Organophosphate Aerosols. *Biosens bioelectron. 2007, oct 31; 23(3):400-6. [Biosensors & bioelectronics]: Biosens Bioelectron.*

Chemical of Concern: MLN; Habitat: AT

Luczak, J., Maleszewska, J., Stanislawska, J., and Zycinski, D. (1973). (The Influence of Phosphoro-Organic Pesticides (Malathion, Foschlore, Dichlorfos) on the Physico-Chemical Properties of Water and on Aquatic Organisms). *Rocz. Panstw. Zakl. Hig. Vol. 24, no. 2, pp. 137-150. 1973.*

Chemical of Concern: MLN; Habitat: AT

Ludemann, D. and Neumann, H. (1960). Acute Toxicity of Modern Contact Insecticides to Carp [Vesuche uber die AkuteToxische Wirkung Neuzeitlicher Kontaktinsektizide auf Einsommerige Karpfen(Cyprinus carpio L.)]. *Z.Angew.Zool.*47 11-33 (GER).

EcoReference No.: 10347

Chemical of Concern: DZ,HCCH,MLN,EN,HPT,DDT,CHD,DLD,TXP,AND; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Ludemann, D. and Neumann, H. (1961). Acute Toxicity of Present Contact Insecticides for Freshwater Animals(Versuche uber die Akute Toxische Wirkung Neuzeitlicher Kontaktinsektizide auf Susswassertiere). *Z.Angew.Zool.* 48: 87-96 (GER) (ENG ABS).

EcoReference No.: 10346

Chemical of Concern: DZ,HCCH,MLN,DLD,CHD; Habitat: A; Effect Codes: ACC,MOR; Code: NO FOREIGN//NO ENDPOINT(MLN).

Ludemann, D. and Neumann, H. (1960). Studies on the Acute Toxicity of Modern Contact Insecticides in Fresh Water. II. *Z.Angew.Zool.* 47: 303-321 (GER) (ENG ABS).

EcoReference No.: 17488

Chemical of Concern: DZ,HCCH,MLN,TXP; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN,DZ,TXP,HCCH).

Ludemann, D. and Neumann, H. (1960). Studies on the Acute Toxicity of Modern Contact Insecticides in Fresh Water. III. Chironomid Larvae. *Z.Angew.Zool.* 47: 493-505 (GER).

EcoReference No.: 17489; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL(HPT,EN,HCCH,PRN,DDT,ES,TXP,CHD,AND,DZ,MLN).

Ludemann, D. and Neumann, H. (1962). Über die Wirkung der Neuzeitlichen Kontaktinsektizide auf die Tiere des Subwassers. *Anz.Schadlingskd.Pflanzenschutz* 35: 5-9 (GER).

EcoReference No.: 14258

Chemical of Concern: DZ,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN//NO ENDPOINT(MLN).

Lund, O. (1990). Preoperative Risk Evaluation and Stratification of Long-Term Survival After Valve Replacement for Aortic Stenosis: Reasons for Earlier Operative Intervention. *Circulation* 82: 124-139.

Chemical of Concern: MLO; Habitat: T

Luttik, R. and Aldenberg, T. (1997). Extrapolation Factors for Small Samples of Pesticide Toxicity Data: Special Focus on Ld50 Values for Birds and Mammals. *Environmental toxicology and chemistry* 16: 1785-1788.

Chemical of Concern: MLN; Habitat: T

Lyons, D. B., Helson, B. V., Jones, G. C., and McFarlane, J. W. (1993). Development of a Chemical Control Strategy for the Pine False Webworm, *Acantholyda erythrocephala* (L.) (Hymenoptera: Pamphiliidae). *Can.Entomol.* 125: 499-511.

EcoReference No.: 99803

Chemical of Concern: PPX,ACP,MLN,CBL,PMR,DMT,DZ,CPY; Habitat: T; Effect Codes: POP,REP,MOR; Code: TARGET(ACP,MLN,CBL,PMR,DMT,DZ,CPY).

Maa, W. C. J. and Liao, S. C. (2000). Culture-Dependent Variation in Esterase Isozymes and Malathion Susceptibility of Diamondback Moth, *Plutella xylostella* L. *Zool.Stud.* 39: 375-386.

EcoReference No.: 92976

Chemical of Concern: TBF,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN),NO MIXTURE(TBF).

Maa, W. C-J and Lin, Y. M. (1985). Esterase of Diamondback Moth *Plutella-Xylostella* 2. The Antennal Carboxylesterase of Adult Male With Reference on Male Response to Synthetic Female Sex Pheromone. *Bull inst zool acad sin (taipei)* 24: 165-176.

Chemical of Concern: MLN; Habitat: T

Mac-Rae, I. C. and Celo, Jovenia S. (1974). The Effects of Organo-Phosphorus Pesticides on the Respiration of *Azotobacter Vinelandii*. *Soil Biology and Biochemistry* 6: 109-111.

Chemical of Concern: MLN; Habitat: T

Maccarthy, P., Klusman, R. W., Cowling, S. W., and Rice, J. A. (1991). Water Analysis. *Anal chem* 63: 301r-342r.

Chemical of Concern: MLO; Habitat: A

Macek, K. J., Hutchinson, C., and Cope, O. B. (1969). The Effects of Temperature on the Susceptibility of Bluegills and Rainbow Trout to Selected Pesticides. *Bull. Environ. Contam. Toxicol.* 4: 174-183 (Publ in Part As 6797).

EcoReference No.: 2085

Chemical of Concern: AZ,CPY,DU,HCCH,MLN,Naled,TFN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(Naled,MLN).

Macek, K. J. and McAllister, W. A. (1970). Insecticide Susceptibility of Some Common Fish Family Representatives. *Trans.Am.Fish.Soc.* 99: 20-27 (Publ in Part As 6797).

EcoReference No.: 610

Chemical of Concern: AZ,CBL,HCCH,MLN,MP,TXP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,CBL),NO CONTROL(MLN,MP,TXP,HCCH).

Machado De Domenech, E. E., Domenech, C. E., Balegno, H. F., De Mendoza, D., and Farias, R. N. (1980). Pesticide Action: Different Response of Erythrocyte Membrane Acetylcholinesterase to Inhibition by Organophosphorus Compounds Under Varied Dietary Conditions. *Pestic.Biochem.Physiol.* 14: 1-4.

Chemical of Concern: MLN; Habitat: T; Code: NO IN VITRO(MLN).

Machbub, B., Ludwig, H. F., and Gunaratnam, D. (1988). Environmental Impact From Agrochemicals in Bali Indonesia. *Environ monit assess* 11: 1-24.

Chemical of Concern: MLN; Habitat: AT

MacIntosh, D. L., Kabiru, C. W., and Ryan, P. B. (2001). Longitudinal Investigation of Dietary Exposure to Selected Pesticides. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 109, no. 2, pp. 145-150. Feb 2001.

Chemical of Concern: MLN; Habitat: T

Macintosh, D. L., Spengler, J. D., Ozkaynak, H., Tsai, L. H., and Ryan, P. B. (1996). Dietary Exposures to Selected Metals and Pesticides. *Environmental health perspectives* 104: 202-209.

Chemical of Concern: MLN; Habitat: T

Maciver, D. R., Keane, P. A., Jones, D. G., and Jones, A. G. (1997). Pyrethrins and Piperonyl Butoxide as Public Health Insecticides. *Pyrethrum post* 20: 3-46.

Chemical of Concern: MLN; Habitat: T

Mackay, N. and Betts, W. B. (1991). The Fate of Chemicals in Soil. *Betts, w. B. (Ed.). Springer series in applied biology: biodegradation: natural and synthetic materials. Xii+238p. Springer-verlag: berlin, germany New york, new york, usa. Illus. Isbn 3-540-19705-2; isbn 0-387-19705-2.; 0: 89-117.*

Chemical of Concern: MLN; Habitat: T

Mackness, M. I., Walker, C. H., Rowlands, D. G., and Price, N. R. (1983). Esterase Activity in **Homogenates** of Three Strains of the Rust Red Flour Beetle *Tribolium Castaneum* (Herbst). *Comparative Biochemistry and Physiology, C [COMP. BIOCHEM. PHYSIOL., C.]*. Vol. 74C, no. 1, pp. 65-68. 1983.

Chemical of Concern: MLN; Habitat: T

MacPhee, C. and Ruelle, R. (1969). Lethal Effects of 1888 Chemicals upon Four Species of Fish from Western North America. *Bull.No.3, Forest, Wildl.and Range Exp.Stn., Univ.of Idaho, Moscow, ID* 112 p.

EcoReference No.: 15148

Chemical of Concern:

PNB,24DXY,Captan,CBL,DOD,HCCH,MLN,NYP,CST,WFN,FUR,Cu,CuS,NaN3,CuCl,PCP,ACL,ATM,Se,DBAC,Zn,DZ,Pb,DCB,IAA,ANT,PAH,PYR,CHR,PPG,SFL,CIT,DU,IND,AAH,ES,DCF; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(SFL,DZ,CIT,DU,IND,AAH,ES,MLN,DCF).

MacPhee, C. and Ruelle, R. (1969). Lethal Effects of 1888 Chemicals upon Four Species of Fish from Western North America. *Bull.No.3, Forest, Wildl.and Range Exp.Stn., Univ.of Idaho, Moscow, ID* 112 p.

EcoReference No.: 15148

Chemical of Concern:

PNB,24DXY,Captan,CBL,DOD,HCCH,MLN,NYP,CST,WFN,FUR,Cu,CuS,NaN3,CuCl,PCP,ACL,ATM,Se,DBAC,Zn,DZ,Pb,DCB,IAA; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

Madhaiyan, M., Poonguzhali, S., Hari, K., Saravanan, V. S., and Sa, Tongmin (2006). Influence of Pesticides on the Growth Rate and Plant-Growth Promoting Traits of *Gluconacetobacter Diazotrophicus*. *Pesticide Biochemistry and Physiology* 84: 143-154.

Chemical of Concern: MLN; Habitat: AT

Madrid, F. J., White, N. Dg, and Loschiavo, S. R. (1991). Insects in Stored Cereals, and Their Association With Farming Practices in Southern Manitoba (Canada). *Can entomol* 122: 515-524 .

Chemical of Concern: MLN; Habitat: T

Magara, Y., Aizawa, T., Matumoto, N., and Souna, F. (1994). Degradation of Pesticides by Chlorination During Water Purification. *Water science and technology* 30: 119-128.

Chemical of Concern: MLN; Habitat: AT

Mahdi, A., Taha, A. M., and Ezz El-Arab, M. A. (1967). Preliminary Small Scale Field Trial for Evaluation of Aerial Spraying of Malathion L. V. and Abate Against *A. pharoensis* in the Nile Delta 1966. *J.Egypt.Public Health Assoc.* 42: 8-13.

Chemical of Concern: MLN,TMP; Habitat: T; Code: NO MIXTURE(TMP,MLN).

Maher, I. L., Foster, G. D., and Lippa, K. A. (1995). Transport Fluxes of Organonitrogen and Organophosphorus Pesticides in the Potomac River. *210th american chemical society national meeting, chicago, illinois, usa, august 20-24, 1995. Abstracts of papers american chemical society* 210: Envr 81.

Chemical of Concern: MLN; Habitat: A

Mahler, D. S. (1987). Insecticide Spray Measurements Using Hot-Wire Technology. *Vander hooven, d. I. B. And I. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm: philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 123-135.*

Chemical of Concern: MLN; Habitat: AT

Mahmood, T. and Alam, Z. (1986). Life History and Field Evaluation of Some Insecticides Against Cabbage Butterfly. *Pak.J.Agric.Res.* 7: 307-311.

Chemical of Concern: MLN; Habitat: T; Code: NO TARGET,NO CROP(MLN).

Main, A. R. (Mode of Action of Anticholinesterases. *Pharmacol. Ther. Part a* 6(3): 579-628 1979 (114 references).

Chemical of Concern: MLO; Habitat: AT

Maiteki, G. A. and Lamb, R. J. (1985). Spray Timing and Economic Threshold for the Pea Aphid, *Acyrthosiphon pisum* (Homoptera: Aphididae), on Field Peas in Manitoba. *J.Econ.Entomol.* 78: 1449-1454.

EcoReference No.: 89287

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,POP; Code: NO CROP(TARGET-MLN).

Majewski, M. S., Foreman, W. T., Goolsby, D. A., and Nakagaki, N. (1998). Airborne Pesticide Residues Along the Mississippi River. *Environmental Science & Technology [Environ. Sci. Technol.]. Vol. 32, no. 23, pp. 3689-3698. 1 Dec 1998.*

Chemical of Concern: MLN; Habitat: AT

Makhija, S. J. and Pawar, S. S. (1974). Effect of Insecticide Take-20 (0,0-Dimethyl Malathion) on Hepatic Drug Metabolism & Lipid Peroxidation in Young Growing Rats. *Indian J.Biochem.Biophys.* 11: 266-268.

EcoReference No.: 37801; Habitat: T; Effect Codes: BCM,GRO; Code: NO COC(MLN).

Maklakov, A., Ishaaya, I., Freidberg, A., Yawetz, A., Horowitz, A. R., and Yarom, I. (2001). Toxicological Studies of Organophosphate and Pyrethroid Insecticides for Controlling the Fruit Fly *Dacus ciliatus* (Diptera: Tephritidae). *J.Econ.Entomol.* 94: 1059-1066.

EcoReference No.: 63712

Chemical of Concern: ACP,BFT,CYP,DMT,FPP,MLN,MOM,PPB,PYT; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(PPB,DMT),OK(ALL CHEMS),OK TARGET(CYP,BFT,ACP),TARGET MLN,MOM.

Malek, M. A. and Wilkins, R. M. (1995). Effects of Annona Squamosa L. Seed Oil on the Larvae of *Tribolium Castariseum* (Herbst) (Coleoptera: Tenebrionidae). *Bangladesh journal of zoology* 23: 65-70.

Chemical of Concern: MLN; Habitat: T

Mali, A. R., Rajput, S. G., and Mogal, B. H. (1985). Relative Efficacy of Insecticides Against Onion Thrips (Thrips tabaci, Lindemann). *Pesticides (Bombay)* 19: 34-35.

EcoReference No.: 95187

Chemical of Concern: FNT,MP,MLN,PPHD,CBL,DMT,HCCH,ES,DEM; Habitat: T; Effect Codes: POP; Code: EFFICACY(MP,MLN,CBL,DMT,FNT,ES).

Malik, J. K. and Summer, K. H. (1982). Toxicity and Metabolism of Malathion and Its Impurities in Isolated Rat Hepatocytes: Role of Glutathione. *Toxicology and Applied Pharmacology* 66: 69-76.

Chemical of Concern: MLN; Habitat: T

Mallison III, S. M. and Cannon, R. E. (1984). Effects of Pesticides on Cyanobacterium *Plectonema boryanum* and Cyanophage LPP-1. *Appl. Environ. Microbiol.* 47: 910-914.

EcoReference No.: 10887

Chemical of Concern: ATZ, HCCH, MLN, ADC, AMTR; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(ATZ, ADC, MLN, HCCH, AMTR).

Maly, M. and Ruber, E. (1983). Effects of Pesticides on Pure and Mixed Species Cultures of Salt Marsh Pool Algae. *Bull. Environ. Contam. Toxicol.* 30: 464-472.

EcoReference No.: 15240

Chemical of Concern: PPX, TMP, CPY, CBL, MLN; Habitat: A; Effect Codes: GRO; Code: LITE EVAL CODED(CBL), NO ENDPOINT(MLN, PPX, TMP, CPY).

Manahan, S. E. (1990). Hazardous Waste Chemistry Toxicology and Treatment. *Manahan, s. E. Hazardous waste chemistry, toxicology and treatment. Xiii+378p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-209-9. 0: Xiii+378p.*

Chemical of Concern: MLN; Habitat: AT

Mancas, D. G. and Dragan, D. (Microencapsulated Organophosphoric Insecticides I. Quantitative Determination of Malathion and of Disulfoton From Aqueous Suspensions of Microcapsules. *Rev chim; 37 (9). 1986 (recd. 1987). 800-802.*

Chemical of Concern: MLO; Habitat: AT

Mandal, P. K. and Kulshrestha, A. K. (1983). Chronic Effects of Malathion on Erythropoiesis in Catfish *Clarias-batrachus* (Linn). *Natl. Acad. Sci. Lett. (India)* 6: 311-313.

EcoReference No.: 11028

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Mane, U. H. (1990). Acute Pesticide Stress on Bivalve Molluscs a Comparative Approach.

Chemical of Concern: MLN; Habitat: A

Mane, U. H., Akarte, S. R., and Muley, D. V. (1984). Effect of Cythion-Malathion on Respiration in Three Freshwater Bivalve Molluscs From Godavari River Near Paithan. *J. Environ. Biol.* 5: 71-80.

EcoReference No.: 10787

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Manes Vinuesa J, Molto Cortes Jc, Igualada Canas C, and Font Perez G (1989). Isolation and Concentration of Organophosphorus Pesticides From Water Using a C-18 Reversed Phase. *J chromatogr* 472: 365-370.

Chemical of Concern: MLN; Habitat: AT

Mangan, R. L. and Moreno, D. S. (1997). Efficacy of Insecticidal Photo-Active Dye Formulations in Field Tests Against Tropical Fruit Flies Diptera Tephritidae. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 66s.

Chemical of Concern: MLN; Habitat: T

Manglitz, G. R. and Ratcliffe, R. H. (1988). Insects and Mites. *Hanson, a. A. (Ed.). Agronomy: a series of monographs, no. 29. Alfalfa and alfafa improvement. Xxvi+1084p. American society of agronomy, inc., Crop science society of america, inc., Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Maps. Isbn 0-89118-094-x. 0: 671-704.*

Chemical of Concern: MLN; Habitat: T

Mani, M. (1994). Relative Toxicity of Different Pesticides to Campoletis chloridae Uchida (Hym., Ichneumonidae). *J.Biol.Control* 8: 18-22.

EcoReference No.: 62600

Chemical of Concern:

Zineb,DINO,DCF,CU,ES,MOM,CBL,FNV,PHSL,CYP,DM,DMT,MLN,CPY,MP,FNTH,DDVP,PPHD,FVL,ACP,MZB,CBD; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CTN,MZB),OK TARGET(CBL,MOM,MLN,MP,DMT),OK(ALL CHEMS).

Mani, M. and Krishnamoorthy, A. (1996). Response of the Encyrtid Parasitoid, Tetracnemoidea indica of the Oriental Mealybug Planococcus lilacinus to Different Pesticides. *Indian J.Plant Prot.* 24: 80-85.

EcoReference No.: 67219

Chemical of Concern:

TDF,PPHD,DMT,ES,DDVP,FNV,CYP,DM,MP,FNTH,MLN,PHSL,CBL,FVL,CPY,AZD,FSTAI,Captan, Ziram,MZB,DINO,Cu,CTN,DCF; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),TARGET(MLN,CBL,MP).

Mani, M. and Nagarkatti, S. (1988). Response of the Parasitoid, Eucelatoria bryani Sabrosky (Diptera: Tachinidae) to Different Pesticides. *Entomon.* 13: 25-28.

EcoReference No.: 75493

Chemical of Concern: ES,CPY,CBL,DMT,DCF,MLN,PHSL,FNT,DEM; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,DMT,CBL,CPY).

Mani, V. G. T. and Konar, S. K. (1984). Acute Toxicity of Malathion to Fish, Plankton and Worm. *Aquat.Sci.Fish.Abstr.15(2, Pt.1):287 (1985) / Environ.Ecol.* 2: 248-250.

EcoReference No.: 11530

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Mani, V. G. T. and Konar, S. K. (1985). Chronic Effects of Malathion on Feeding Behavior, Survival, Growth and Reproduction of Fish. *Aquat.Sci.Fish.Abstr.16(8, Pt.1):179 (1986) / Environ.Ecol.* 3: 348-350.

EcoReference No.: 12538

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY,BEH,REP; Code: NO ENDPOINT(MLN).

Mani, V. G. T. and Konar, S. K. (1985). Influence of the Organophosphorus Insecticide Malathion on Aquatic Ecosystem. *Aquat.Sci.Fish.Abstr.16(4):7154-1Q16 (1986) / Environ.Ecol.* 3: 493-495.

EcoReference No.: 5766

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP; Code: NO ABSTRACT,NO ENDPOINT(MLN).

Mansour, S. A. and Sidky, M. M. (2003). Ecotoxicological Studies. 6. The First Comparative Study Between Lake Qarun and Wadi El-Rayan Wetland (Egypt), With Respect to Contamination of Their Major Components.

Food Chemistry 82: 181-189.

Chemical of Concern: MLN; Habitat: A

Maravic, Dubravka S., Trtica, Milan S., Miljanic, Scepan S., and Radak, Bojan B. (2006). Detection of Malathion by the Co2 Laser: Potentials and Limitations. *Analytica Chimica Acta* 555: 259-262.

Chemical of Concern: MLN; Habitat: AT

March, R. B., Fukuto, T. R., Metcalf, R. L., and Maxon, M. G. (1956). Fate of P32-Labeled Malathion in the Laying Hen, White Mouse, and American Cockroach. *J.Econ.Entomol.* 49: 185-195.

EcoReference No.: 90660

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,PHY; Code: NO ENDPOINT(MLN).

Mariani, E., Bargagna, A., Longobardi, M., Bruschi, E., and Dorato, S. (1995). Gas Chromatographic Determination of Pesticides and Pcb's in Cosmetics Containing Plant Derivatives. *Farmaco (rome)* 50: 193-196.

Chemical of Concern: MLN; Habitat: T

Marion, W. W., Ning, J. M. J., and Ning, S. M. (1968). Application of Malathion to the Laying Hen. *Poult.Sci.* 47: 1956-1961.

EcoReference No.: 37823

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Marking, L. L., Bills, T. D., and Crowther, J. R. (1984). Effects of Five Diets on Sensitivity of Rainbow Trout to Eleven Chemicals. *Prog.Fish-Cult.* 46: 1-5.

EcoReference No.: 10656

Chemical of Concern: Cl,TFM,CBL,PMR,ATM,MLN,CN,CuS,RTN,Cu; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

Marking, L. L. and Dawson, V. K. (1975). Method for Assessment of Toxicity or Efficacy of Mixtures of Chemicals. *Invest.Fish Control No.67, Fish Wildl.Serv., Bur.Sport Fish.Wildl., U.S.D.I., Washington, D.C.:8 p.*

EcoReference No.: 10212

Chemical of Concern: Mn,MLN,Naled,ATM; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(Mn,MLN,Naled,ATM).

Marrs, T. C. (1998). Malathion-. In: *Draft, Pesticide Residues in Food - 1997, Joint Meet.of the FAO Panel of Experts on Pesticide Residues in Food and the Environ.and the WHO Core Assess.Group, Sept.22-Oct.1, 1997, World Health Org., Geneva, Switzerland* 189-219.

Chemical of Concern: MLN; Habitat: T

Marsden, P. (1991). Gas Chromatography in Environmental Regulation Detection of Pesticides Using Large Bore Capillary Columns. *Jennings, w. G. And j. G. Nikelly (ed.). Chromatographic methods: capillary chromatography: the applications. Vii+153p. Huethig buch verlag gmbh: heidelberg, germany. Illus. Isbn 3-7785-2051-2.* 0: 1-16.

Chemical of Concern: MLN; Habitat: T

Martínez-Haro, Mónica, Viñuela, Javier, and Mateo, Rafael (2007). Exposure of birds to cholinesterase-inhibiting

pesticides following a forest application for tick control. *Environmental Toxicology and Pharmacology* 23: 347-349.

Chemical of Concern: MLN; Habitat: T

Martin, L. W. and Wiggans, S. C. (1959). The Tolerance of Earthworms to Certain Insecticides, Herbicides and Fertilizers. *Oklahoma State University Experiment Station, Processed Series No.334* 4.

EcoReference No.: 51944

Chemical of Concern: 24DXY,Captan,DDT,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(24DXY,Captan,DDT,MLN).

Martinez-Lara, E., Toribio, F., Lopez-Barea, J., and Barcena, J. A. (1996). Glutathione-S-Transferase Isoenzyme Patterns in the Gilthead Seabream (*Sparus aurata*) Exposed to Environmental Contaminants. *Comp.Biochem.Physiol.C* 113: 215-220.

EcoReference No.: 16853

Chemical of Concern: MLN,CuCl, DLD, PAQT; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(CuCl),NO ENDPOINT(MLN).

Martinez-Tabche, L., Romero, A. C., Gomez-Olivan, L., Martinez, M. G., Hernandez, E. O., and Lopez, E. L. (2002). Effect of Malathion in Ignacio Ramirez Dam Sediments on Rainbow Trout (*Onchorhynchus mykiss*). *J.Environ.Hydrol.* 10: np.

Chemical of Concern: MLN; Habitat: A; Code: NO SOURCE.

Marty, J. L., Garcia, D., and Rouillon, R. (1995). Biosensors Potential in Pesticide Detection. *Trends in analytical chemistry* 14: 329-333.

Chemical of Concern: MLN; Habitat: T

Marty, M. A., Dawson, S. V., Bradman, M. A., Harnly, M. E., and Dibartolomeis, M. J. (Assessment of Exposure to Malathion and Malaoxon Due to Aerial Application Over Urban Areas of Southern California. *J expo anal environ epidemiol.* 1994 jan-mar; 4(1):65-81. [*Journal of exposure analysis and environmental epidemiology*]: *J Expo Anal Environ Epidemiol*.

Chemical of Concern: MLO; Habitat: T

Marutoiu, C., Coman, V., Vlassa, M., and Constantinescu, R. (1998). A New Detection of Some Organophosphorous Pesticides Separated by Tlc. *Journal of liquid chromatography & related technologies* 21: 2143-2149.

Chemical of Concern: MLN; Habitat: T

Marutoiu, C., Vlassa, M., Sarbu, C., and Nagy, S. (1987). Separation and Identification of Organophosphorus Pesticides in Water by Hptlc. *J high resolut chromatogr chromatogr commun* 10: 465-466.

Chemical of Concern: MLN; Habitat: AT

Maruyama, Yukiko, Yasutomi, Kazuo, and Ogita, Zen-Ichi (1984). Electrophoretic Analysis of Esterase Isozymes in Organophosphate-Resistant Mosquitoes (*Culex pipiens*). *Insect Biochemistry* 14: 181-188.

Chemical of Concern: MLN; Habitat: AT

Masoud, L., Vijayasathya, C., Fernandez-Cabezudo, M., Petroianu, G., and Saleh, A. M. (2003). Effect of

Malathion on Apoptosis of Murine L929 Fibroblasts: a Possible Mechanism for Toxicity in Low Dose Exposure. *Toxicology* 185: 89-102.

Chemical of Concern: MLN; Habitat: T

Masten, Susan J., Tian, Ming, Upham, Brad L., and Trosko, James E. (2001). Effect of Selected Pesticides and Their Ozonation by-Products on Gap Junctional Intercellular Communication Using Rat Liver Epithelial Cell Lines. *Chemosphere* 44: 457-465.

Chemical of Concern: MLN; Habitat: T

Masud, S. Z. and Hasan, N. (1992). Pesticide Residues in Foodstuffs in Pakistan: Organochlorine, Organophosphorus and Pyrethroid Insecticides in Fruits and Vegetables. *Pak j sci ind res* 35: 499-504.

Chemical of Concern: MLN; Habitat: AT

Masud, S. Z. and Hasan, N. (1995). Study of Fruits and Vegetables in Nwfp Islamabad and Balochistan for Organochlorine Organophosphorus and Pyrethroid Pesticide Residues. *Pakistan journal of scientific and industrial research* 38: 74-80.

Chemical of Concern: MLN; Habitat: T

Mateen, A., Chapalamadugu, S., Kaskar, B., Bhatti, A. R., and Chaudhry, G. R. (1994). Microbial Metabolism of Carbamate and Organophosphate Pesticides. *Chaudhry, g. R. (Ed.). Biological degradation and bioremediation of toxic chemicals. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 198-233.*

Chemical of Concern: MLN; Habitat: T

Mathew, S. B., Pillai, A. K., and Gupta, V. K. (A Rapid Spectrophotometric Assay of Some Organophosphorus Pesticide Residues in Vegetable Samples. *Spectrochim acta a mol biomol spectrosc. 2007, aug; 67(5):1430-2. [Spectrochimica acta. Part a, molecular and biomolecular spectroscopy]: Spectrochim Acta A Mol Biomol Spectrosc.*

Chemical of Concern: MLN; Habitat: T

Matin, M. A., Husain, K., and Khan, S. N. (1989). Modification of Malathion Induced Neurochemical Changes by Adrenalectomy in Rats. *Twelfth meeting of the international society for neurochemistry, algarve, portugal, april 23-28, 1989. J neurochem* 52: S114.

Chemical of Concern: MLN; Habitat: T

Matos, E., Loria, D., Haedo, A., and De Lustig Es (Effects of Pesticides and 12-O Tetradecanoylphorbol-13-Acetate on Chondrogenesis in-Vitro. *Comun biol; 4 (2). 1985 (recd. 1986). 175-184.*

Chemical of Concern: MLN; Habitat: T

Matsumoto, M. R., Jensen, J. N., Mcginley, P., and Reed, B. E. (1994). Treatment Systems Physicochemical Processes. *Water environment research* 66: 309-324.

Chemical of Concern: MLN; Habitat: A

Matsumura, F. (1961). Biochemical Studies on Malathion-Resistance in *Culex tarsalis* Coq. *Ph.D.Thesis, Univ.of Western Ontario, Canada* 105 p.

EcoReference No.: 94450

Chemical of Concern: MLN,MLO; Habitat: A; Effect Codes: MOR,BCM,ACC; Code: NO CONTROL(MLN,MLO).

Matsumura, F. (1960). Malathion Residues on and in the Leaves of Phaseolus vulgaris. *J.Econ.Entomol.* 53: 452-454.

EcoReference No.: 62625

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(MLN).

Matsumura, F. and Boush, G. M. (1966). Malathion Degradation by Trichoderma viride and a Pseudomonas Species. *Science* 151: 1278 (ABS).

Chemical of Concern: MLN; Habitat: T; Code: NO ABSTRACT(MLN).

Matsumura, F. and Hogendijk, C. J. (1964). The Enzymatic Degradation of Malathion in Organophosphate-Susceptible and -Resistant Houseflies. *J.Agric.Food Chem.* 12: 447-452.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matsumura, F. and Voss, G. (1965). Properties of Partially Purified Malathion Carboxyesterase of the Two-Spotted Spider Mite. *Journal of Insect Physiology* 11: 147-160.

Chemical of Concern: MLN; Habitat: T

Matsuo, K. and Tamura, T. (1970). Laboratory Experiments on the Effect of Insecticides Against Blackfly Larvae (Diptera: Simuliidae) and Fishes. *Sci.Pest Control/Boty-Kagaku* 35: 125-130.

EcoReference No.: 9634

Chemical of Concern: DZ,HCCH,MLN,DDT,HPT,DDVP,DLD; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Matsushita, T., Aoyama, K., Yoshimi, K., Fujita, Y., and Ueda, A. (1985). Allergic Contact Dermatitis from Organophosphorus Insecticides. *Ind.Health* 23: 145-153.

EcoReference No.: 91369

Chemical of Concern: DDVP,DZ,Naled,FNT,MLN; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT,CONTROL(DZ,Naled,MLN).

Matthess, G. and Isenbeck, M. (1987). Pesticide Behavior in Quaternary Sediments. *Boreas (oslo)* 16: 411-418.

Chemical of Concern: MLN; Habitat: A

Matthews, G. A. (1997). Techniques to Evaluate Insecticide Efficacy. *Dent, d. R. And m. P. Walton (ed.). Methods in ecological and agricultural entomology. Xiv+387p. Cab international: wallingford, england, uk; new york, new york, usa. Isbn 0-85199-132-7(paper); isbn 0-85199-131-9(cloth).* 243-269.

Chemical of Concern: MLN; Habitat: T; Code: NO METHODS(MLN).

Maul, J. D. and Farris, J. L. (2005). Monitoring Exposure of Northern Cardinals, *Cardinalis Cardinalis*, to Cholinesterase-Inhibiting Pesticides: Enzyme Activity, Reactivations, and Indicators of Environmental Stress. *Environ.Toxicol.Chem.* 24: 1721-1730.

Chemical of Concern: MLN,DCTP,ACP,ADC,CPY; Habitat: T

Maul, J. D. and Farris, J. L. (2004). Monitoring Exposure of Passerines to Acephate, Dicrotophos, and Malathion Using Cholinesterase Reactivation. *Bulletin of Environmental Contamination and Toxicology [Bull. Environ. Contam. Toxicol.]*. Vol. 73, no. 4, p. 682. Oct 2004.

Chemical of Concern: MLN; Habitat: T

Mayer, D. F. and Bradley, S. J. (1995). Apple Aphid Control, 1994. *Arthropod Manag. Tests* 20: 30 (41A).

EcoReference No.: 98066

Chemical of Concern: FTTCL,MOM,YN,MLN,MXC,FPN; Habitat: T; Effect Codes: POP; Code: TARGET(MOM,MLN).

Mayer, D. F. and Johansen, C. A. (1989). Bee Protection in Urban Environments. *Am.Bee J.* 129: 106-108.

Chemical of Concern: AZ,HCCH,MLN,CBL,DS,DZ; Habitat: T; Code: NO REVIEW(DZ,AZ,MLN,CBL,DS).

Mayer, D. F., Johansen, C. A., Lunden, J. D., and Rathbone, L. (1987). Bee Hazard of Insecticides Combined with Chemical Stickers. *Am.Bee J.* 127: 493-495.

EcoReference No.: 88509

Chemical of Concern:

ES,HCCH,FVL,CYP,CYH,ACP,CPY,DZ,MLN,MTM,Naled,OXD,TCF,MOM,OML,TDC,BFT,CYF,PM R; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Mayer, F. L. Jr. (1974). Pesticides as Pollutants. In: *B.G.Liptak (Ed.), Environmental Engineer's Handbook*, Chilton Book Co., Radnor, PA 405-418 (Publ in Part As 6797).

EcoReference No.: 70421

Chemical of Concern:

AND,CHD,DDT,DLN,ES,EN,HPT,TXP,DZ,CPY,PRN,CBL,ACL,ATZ,Cu,EDT,SZ,As,MLN,Captan,Naled; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(AND,CHD,DDT,DLN,ES,EN,HPT,TXP,DZ,CPY,PRN,CBL,ACL,ATZ,Cu,EDT,SZ,As,MLN, Captan,Naled).

Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC* 505 p. (USGS Data File).

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQTC,C PY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,E FS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MTAS,OXD; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,CuS, DOD,NaN3,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),OK(ALL CHEMS),NO CONTROL(Naled,BS,OXD,Captan,MLN).

Mazuranich, P. C. and Onsager, J. A. (1986). Laboratory Insecticide Bioassays, M. Sanguinipes, Bozeman, Montana, 1977-1984. *Insectic.Acaric.Tests* 11: 308.

EcoReference No.: 88040

Chemical of Concern: TDC,CBF,MLN,CBL,CYF; Habitat: T; Effect Codes: MOR; Code: NO

CONTROL(ALL CHEMS,TARGET-CBL,MLN,TDC).

Mazzarri, M. B. and Georghiou, G. P. (1995). Characterization of Resistance to Organophosphate, Carbamate, and Pyrethroid Insecticides in Field Populations of *Aedes aegypti* from Venezuela. *J.Am.Mosq.Control Assoc.* 11: 315-322.

EcoReference No.: 74860

Chemical of Concern: PPB,PIRM,TMP,DDT,CYH,PMR,CPY,MLN,PPX; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),NO MIXTURE(PPB),TARGET(MLN).

Mazzei, F., Botre, F., and Botre, C. (1996). Acid Phosphatase/Glucose Oxidase-Based Biosensors for the Determination of Pesticides. *Analytica chimica acta* 336: 67-75.

Chemical of Concern: MLN; Habitat: T

McAbee, R. D., Kang, K. D., Stanich, M. A., Christiansen, J. A., Wheelock, C. E., Inman, A. D., Hammock, B. D., and Cornel, A. J. (2004). Pyrethroid Tolerance in *Culex pipiens pipiens* var *molestus* from Marin County, California. *Pest Manag.Sci.* 60: 359-368.

EcoReference No.: 103374

Chemical of Concern: TBF,PBO,LCYT,MLN,Naled,FNTH,RSM,DM,PPB,DDT,PMR,CPY; Habitat: AT; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(TBF),OK(DDT,PPB),NO ENDPOINT(MLN,Naled,FNTH,RSM,DM,PMR,CPY).

Mcchesney, D. G., Hyde, C. A., and Lovell, R. A. (1992). Fda Feed Contaminants Program Profile of Pesticides in Poultry Feed. *Eighty-first annual meeting of the poultry science association, fayetteville, arkansas, usa, august 3-6, 1992. Poult sci* 71: 95.

Chemical of Concern: MLN; Habitat: T

McCollister, D. D., Olson, K. J., Rowe, V. K., Paynter, O. E., Weir, R. J., and Dieterich, W. H. (1968). Toxicology of 4-tert-Butyl-2-Chlorophenyl Methyl Methylphosphoramidate (Ruelene) in Laboratory Animals. *Food Cosmet.Toxicol.* 6: 185-198.

EcoReference No.: 90679

Chemical of Concern: PRN,MLN,MP,DZ,AZ,CBL; Habitat: T; Effect Codes: GRO,PHY,MOR,BCM,REP; Code: NO MIXTURE(ALL CHEMS).

Mcconnell, L. L., Lenoir, J. S., Datta, S., and Seiber, J. N. (1998). Wet Deposition of Current-Use Pesticides in the Sierra Nevada Mountain Range, California, Usa. *Environmental toxicology and chemistry* 17: 1908-1916.

Chemical of Concern: MLN; Habitat: AT

McCully, K. A. (1980). Report on Organophosphorus Pesticides. *J.Assoc.Off.Anal.Chem.* 63: 283-285.

Chemical of Concern: MLN,AZ,DMT,PRN,FNT,OMT,ETN,MDT,PRT; Habitat: AT; Code: NO SPECIES(ALL CHEMS).

McCurnin, D. M. (1969). Malathion Intoxication in Military Scout Dogs. *JAVMA* 155: 1359-1363.

Chemical of Concern: MLN; Habitat: T

McDonald, L. L. and Gillenwater, H. B. (1967). Relative Toxicity of Bay 77488 and Dursban Against Stored-Product Insects. *J.Econ.Entomol.* 60: 1195-1196.

EcoReference No.: 71082

Chemical of Concern: CPY,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN),OK(CPY).

McDonald, P. T. and Asman, S. M. (1982). A Genetic-Sexing Strain Based on Malathion Resistance for *Culex tarsalis*. *Mosq.News* 42: 531-536.

EcoReference No.: 10993

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

McDonald, S. (1967). Oral Toxicity of 23 Insecticides to Grasshoppers in the Laboratory and the Influence of Species, Pretreatment, and Geographical Distribution. *J.Econ.Entomol.* 60: 844-849.

EcoReference No.: 71105

Chemical of Concern: ALD,DLD,HPT,EN,CHD,MP,Naled,DMT,AZ,MLN,CBL; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(DMT,MLN,AZ,CBL),TARGET(Naled,MP).

McEwen, L. C. and Brown, R. L. (1966). Acute Toxicity of Dieldrin and Malathion to Wild Sharp-Tailed Grouse. *J.Wildl.Manag.* 30: 604-611.

EcoReference No.: 39561

Chemical of Concern: DLD,MLN; Habitat: T; Effect Codes: BEH,MOR; Code: NO ENDPOINT(MLN,DLD).

McEwen, L. C. and Knapp, D. B. (1965). Acute Toxicity of Dieldrin and Malathion to Sharp-Tailed Grouse. *In: Fish and Wildl Serv.Circ.226, Effects of Pesticides on Fish and Wildlife, 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.* 34.

Chemical of Concern: MLN; Habitat: T

McKillop, I. G., Ginella, S. Gv, Wilson, C. J., Hanlon, A. J., and Pugh, B. D. (1993). The Effects of Power Failure on the Behaviour of European Wild Rabbits at Electric Fences. *Appl anim behav sci* 35: 277-290.

Chemical of Concern: MLN; Habitat: T

McKim, J. M. (1977). Evaluation of Tests With Early Life Stages of Fish for Predicting Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 1148-1154.

Chemical of Concern: Ni,ACL,MLN,Zn,NH; Habitat: A

McKim, J. M. (1977). The Use of Embryo-Larval, Early Juvenile Toxicity Tests With Fish for Estimating Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 21 p.

Chemical of Concern:

TFN,ACL,TXP,ES,HPT,MLN,HCCH,AZ,EN,DZ,CBL,Captan,ATZ,PCB,Cl,Hg,Zn,Ni,Pb,Cr,Cu,Cd;
Habitat: A

McQuate, G. T., Cunningham, R. T., Peck, S. L., and Moore, P. H. (1999). Suppressing Oriental Fruit Fly Populations with Phloxine B-Protein Bait Sprays. *Pestic.Sci.* 55: 574-576.

EcoReference No.: 89355; Habitat: T; Effect Codes: POP; Code: NO COC(MLN).

Medina, D., Prieto, A., Ettiene, G., Buscema, I., and De, V. Abreu a (1999). Persistence of Organophosphorus Pesticide Residues in Limon River Waters. *Bulletin of environmental contamination and toxicology* 63: 39-44.

Chemical of Concern: MLN; Habitat: A

Mehrotra, K. N. (1991). Current Status of Pesticide Resistance in Insect Pests in India. *J insect sci* 4: 1-14.

Chemical of Concern: MLN; Habitat: T

Mehrotra, K. N. (1986). Pest Control Strategies for 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 10-16.

Chemical of Concern: MLN; Habitat: T

Meinking, T. L., Vicaria, M., Eyerdam, D. H., Villar, M. E., Reyna, S., and Suarez, G. (A Randomized, Investigator-Blinded, Time-Ranging Study of the Comparative Efficacy of 0.5% Malathion Gel Versus Ovide Lotion (0.5% Malathion) or Nix CrÈMe Rinse (1% Permethrin) Used as Labeled, for the Treatment of Head Lice. *Pediatr dermatol.* 2007 jul-aug; 24(4):405-11. [*Pediatric dermatology*]: *Pediatr Dermatol.*

Chemical of Concern: MLN; Habitat: T

Meisenheimer, J. L., Miller, L. R., and Schulz, W. D. (1995). Decomposition of Nerve Gas and Mustard Gas Analogs Using Nicotine and Ultrasound. *Transactions of the kentucky academy of science* 56: 15-21.

Chemical of Concern: MLN; Habitat: AT

Mendelsohn, M. L., Moore, D. H II, and Lohman, P. Hm (1992). A Method for Comparing and Combining Short-Term Genotoxicity Test Data Results and Interpretation. *Mutat res* 266: 43-60.

Chemical of Concern: MLN; Habitat: T

Mendoza, C. E. and Shields, J. B. (1976). Effects of Hexachlorobenzene on Malathion LD50 and on Cholinesterase and Carboxylesterase Activities in Organs of the Suckling Albino Rat. *Toxicol.Appl.Pharmacol.* 35 : 447-453.

EcoReference No.: 37932

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL,ENDPOINT,MIXTURE(MLN).

Mendoza, C. E., Shields, J. B., and Greenhalgh, R. (Activity of Mammalian Serum Esterases Towards Malaoxon, Fenitroxon and Paraaxon. *Comp biochem physiol c comp pharmacol*; 56 (2). 1977 189-191.

Chemical of Concern: MLO; Habitat: T

Menon, K. Kg (1985). Food Safety Facts and Fallacies. *Curr sci (bangalore)* 54: 840-844.

Chemical of Concern: MLN; Habitat: T

Menzel, Daniel B., Craig, Roderick, and Hoskins, W. M. (1963). Electrophoretic Properties of Esterases From Susceptible and Resistant Strains of the Housefly, *Musca Domestica* L. *Journal of Insect Physiology* 9: 479-493.

Chemical of Concern: MLN; Habitat: T

Menzer, R. E. (1970). Effect of Chlorinated Hydrocarbons in the Diet on the Toxicity of Several Organophosphorus Insecticides. *Toxicol.Appl.Pharmacol.* 16: 446-452.

EcoReference No.: 37935

Chemical of Concern: DCTP,PPHD,DDT,MLN,DMT,DLD; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE(MLN,DMT).

Menzie, C. (1983). Acute Toxicity of Some Organophosphorus Pesticides Against Fish and Aquatics: Sumithion. *U.S.EPA-OPP Registration Standard* 1 p.

EcoReference No.: 13003

Chemical of Concern: AZ,DMT,DZ,MLN,MP,FNTH,EPRN,DDVP,FNT; Habitat: A; Effect Codes: MOR; Code: NO DURATION(ALL CHEMS),NO CONTROL(MLN).

Merchant, M. E. (1993). Twospotted Spider Mite Control on Greenhouse Marigolds, 1992. *Insetic.Acaric.Tests* 18: 333-334 (57G).

EcoReference No.: 90789

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN).

Merino, G., Vazquez, V., and Soria, S. (1968). Efficacy of 9 Insecticides in the Fight Against Epitrix sp. in Potato Plantations in Ecuador. *Turrialba* 18: 68-70.

EcoReference No.: 52174

Chemical of Concern: CBL,DZ,MLN; Habitat: T; Code: TARGET(MLN,DZ,CBL).

Messing, R. H., Asquith, A., and Stark, J. D. (1995). Effects of Malathion Bait Sprays on Nontarget Insects Associated with Corn in Western Kauai, Hawaii. *J.Agric.Entomol.* 12: 255-265.

EcoReference No.: 89389

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,SYS; Code: OK TARGET(MLN).

Metelev, V. V. (1984). A Method of Detecting Organophosphorus Insecticides in Water and Aquatic Organisms. *Hydrobiol.J.* 21 : 37-40.

EcoReference No.: 66430

Chemical of Concern: TCF,FNT,DMT,MP,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL,NO ENDPOINT(MLN),NO REVIEW(MP,DMT,FNT,TCP).

Meylan, W. M. and Howard, P. H. (1991). Bond Contribution Method for Estimating Henry's Law Constants. *Environ toxicol chem* 10: 1283-1294.

Chemical of Concern: MLN; Habitat: T

Micinski, S., Kirby, M. L., and Graves, J. B. (1991). Efficacy of Selected Insecticides for Plant Bug Control, 1990. *Insectic.Acaric.Tests* 16: 197-198 (89F).

EcoReference No.: 90646

Chemical of Concern: MLN,OML,ACP,DMT,CPY,MTM,DS,TDC,AZ; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Micks, D. W. and Rougeau, D. (1977). Organophosphorus Tolerance in *Culex quinquefasciatus* in Texas. *Mosq.News* 37: 233-239.

EcoReference No.: 13776

Chemical of Concern: MLN,CPY,FNTH,FNT,ABT,PRN; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Midgarden, D., Fleischer, S. J., Weisz, R., and Smilowitz, Z. (1997). Site-Specific Integrated Pest Management Impact on Development of Esfenvalerate Resistance in Colorado Potato Beetle (Coleoptera: Chrysomelidae) and on Densities of Natural Enemies. *J.Econ.Entomol.* 90: 855-867.

EcoReference No.: 89368

Chemical of Concern: PPB,EFV,MLN; Habitat: T; Effect Codes: MOR; Code: OK(EFV),NO CONC(MLN),MIXTURE(PPB).

Milanko, Olga S., Milinkovic, Stevan A., and Rajakovic, Ljubinka V. (1992). Evaluation of Coating Materials Used on Piezoelectric Sensors for the Detection of Organophosphorus Compounds in the Vapour Phase. *Analytica Chimica Acta* 269: 289-300.

Chemical of Concern: MLN; Habitat: T

Miles, C. J. (1991). Degradation Products of Sulfur-Containing Pesticides in Soil and Water. *Somasundaram, I. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 61-74.

Chemical of Concern: MLN; Habitat: AT

Miles, C. J. and Takashima, S. (1991). Fate of Malathion and O,O,S-Trimethyl Phosphorothioate by-Product in Hawaiian Soil and Water. *Archives of Environmental Contamination and Toxicology*. Vol. 20, no. 3, pp. 325-329. 1991.

Chemical of Concern: MLN; Habitat: AT

Miles, J. W., Mount, D. L., Staiger, M. A., and Teeters, W. R. (1979). S-Methyl Isomer Content of Stored Malathion and Fenitrothion Water-Dispersible Powders and Its Relationship to Toxicity. *J.Agric.Food Chem.* 27: 421-425.

EcoReference No.: 19476

Chemical of Concern: MLN,FNTH; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,FNTH).

Miles, B. E., Chambers, J. E., Chen, W. L., Dettbarn, W., Ehrich, M., Eldefrawi, A. T., Gaylor, D. W., Hamernik, K., Hodgson, E., Karczmar, A. G., Padilla, S., Pope, C. N., Richardson, R. J., Saunders, D. R., Sheets, L. P., Sultatos, L. G., and Wallace, K. B. (1998). Common Mechanism of Toxicity: a Case Study of Organophosphorus Pesticides. *Toxicological sciences* 41: 8-20.

Chemical of Concern: MLN; Habitat: AT

Miliadis, G. E. and Malatou, P. T. (1997). Monitoring of the Pesticide Levels in Natural Waters of Greece. *Bulletin of environmental contamination and toxicology* 59: 917-923.

Chemical of Concern: MLN; Habitat: A

Miller, B. E., Forcum, D. L., Weeks, K. W., Wheeler, J. R., and Rail, C. D. (1970). An Evaluation of Insecticides for Flea Control on Wild Mammals. *J.Med.Entomol.* 7: 697-702.

EcoReference No.: 69363

Chemical of Concern: DZ,CBL,CPY,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(CBL,DZ),OK(ALL CHEMS),TARGET MLN.

Miller, D. R., Stoughton, T. E., Steinke, W. E., Huddleston, E. W., and Ross, J. B. (2000). Atmospheric Stability

Effects on Pesticide Drift From an Irrigated Orchard. *Transactions of the American Society of Agricultural Engineers*, 43 (5) pp. 1057-1066, 2000.

Chemical of Concern: MLN; Habitat: T

Miller, R. E. L., Wands, J. R., Chytalo, K. N., and D'Amico, R. A. (2005). Application of Water Quality Modeling Technology to Investigate the Mortality of Lobsters (*Homarus Americanus*) in Western Long Island Sound During the Summer of 1999. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 859-864. Oct 2005.

Chemical of Concern: MLN; Habitat: A

Milner, R. J., Miller, L., Lutton, G. G., and Driver, F. (1996). Biological Control of the Black Field Cricket, *Teleogryllus commodus* (Walker) (Orthoptera: Gryllidae), Using the Fungal Pathogen *Metarhizium anisopliae* (Metsch.) Sorokin (Deuteromycotina: Hyphomycetes). *Plant Prot.Q.* 11: 9-13.

EcoReference No.: 89239

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN).

Mineau, P., Fletcher, M. R., Glaser, L. C., Thomas, N. J., Brassard, C., Wilson, L. K., Elliott, J. E., Lyon, L. A., Henny, C. J., Bollinger, T., and Porter, S. L. (1999). Poisoning of Raptors With Organophosphorus and Carbamate Pesticides With Emphasis on Canada, U.S. And U.k. *Journal of raptor research* 33: 1-37.

Chemical of Concern: MLN; Habitat: T

Minett, W., Belcher, R. S., and O'Brien, E. J. (1968). A Critical Moisture Level for Malathion Breakdown in Stored Wheat. *Journal of Stored Products Research* 4: 179-181.

Chemical of Concern: MLN; Habitat: T

Minist Agric Fish Food Health Saf Executive Uk (1990). Report of the Working Party on Pesticide Residues 1988-89. *Ministry of agriculture fisheries and food health and safety executive. Report of the working party on pesticide residues: 1988-89. V+86p. Her majesty's stationery office: london, england, uk. Paper. Isbn 0-11-242902-5. 0: V+86p.*

Chemical of Concern: MLN; Habitat: AT

Minyard, J. P Jr and Roberts, W. E. (1991). State Findings on Pesticide Residues in Foods: 1988 and 1989. *J assoc off anal chem* 74: 438-452.

Chemical of Concern: MLN; Habitat: AT

Mishra, A., Dwivedi, P. P., and Dutta, K. K. (1986). Behavior of Freshwater Air Breathing Teleost, *Heteropneustes fossilis* (BI.) Exposed to Different Concentrations of Malathion. *C.A.Sel.-Environ.Pollut.15:3 / J.Recent Adv.Appl.Sci.* 1: 13-16.

EcoReference No.: 12421

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL(MLN).

Mishra, J. and Srivastava, A. K. (1983). Malathion Induced Hematological and Biochemical Changes in the Indian Catfish *Heteropneustes fossilis*. *Environ.Res.* 30: 393-398 .

EcoReference No.: 10512

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT,CONTROL(MLN).

Mishra, N. C. and Satpathy, J. M. (1984). Selective Toxicity of Some Insecticides Against Cabbage Aphid *Brevicoryne-brassicae* and Its Coccinellid Predator *Coccinella-repanda*. *Indian J.Plant Prot.* 12: 13-17.

Chemical of Concern: MLN; Habitat: T; Code: NO CROP(MLN).

Mishra, P. K., Singh, R. N., Goel, A. K., Jayaswal, J., and Thangavelu, K. (1994). Toxicity of Some Insecticides on the Larvae of Red Beetles *Triclyona picea* Jacoby (Coleoptera: Chrysomelidae) - A Pest of Tasar Food Plants. *Indian J.Sericult.* 33: 193-194.

EcoReference No.: 90654

Chemical of Concern: HCCH,ES,MP,MLN,PRT,CBF; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MP,MLN,PRT),OK(CBF).

Mitchell, A. D. (1993). Does the in-Situ Approach Yield a More Accurate Assessment of Induced Mutation Frequencies Than the Standard L5178y Tk-+Tk-Mouse Lymphoma Assay? *24th annual scientific meeting of the environmental mutagen society, norfolk, virginia, usa, april 17-22, 1993. Environ mol mutagen* 21: 49.

Chemical of Concern: MLO; Habitat: AT

Mitchell, J. T. (1975). Comparative Teratogenic Effects of Malathion, Captan, and Thalidomide in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 181: 428-429 (ABS).

Chemical of Concern: Captan,MLN; Habitat: A

Mitchell, J. T. and Yntema, C. L. (1973). Teratogenic Effect of Malathion and Captan in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 175: 390 (ABS).

Chemical of Concern: Captan,MLN; Habitat: A

Mitsuhashi, J., Grace, T. D. C., and Waterhouse, D. F. (1970). Effects of Insecticides on Cultures of Insect Cells. *Entomol.Exp.Appl.* 13: 327-341.

EcoReference No.: 2797

Chemical of Concern: CBL,DZ,HCCH,MLN,PPB,PYN,RTN,ATN,AND,DDT,DLD,MXC; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Miyahara, M., Okada, Y., Takeda, H., Aoki, G., Kobayashi, A., and Saito, Y. (1994). Multiresidue Procedures for the Determination of Pesticides in Food Using Capillary Gas Chromatographic, Flame Photometric, and Mass Spectrometric Techniques. *Journal of agricultural and food chemistry* 42: 2795-2802.

Chemical of Concern: MLN; Habitat: T

Miyahara, M. and Saito, Y. (1994). Effects of the Processing Steps in Tofu Production on Pesticide Residues. *Journal of agricultural and food chemistry* 42: 369-373.

Chemical of Concern: MLN; Habitat: AT

Miyahara, M. and Saito, Y. (1993). Pesticide Removal Efficiencies of Soybean Oil Refining Processes. *J agric food chem* 41: 731-734.

Chemical of Concern: MLN; Habitat: T

Miyata, T. (1989). Problems in the Control of Insecticide-Resistant Rice Planthoppers and Leafhoppers. *Pestic sci* 26: 261-270.

Chemical of Concern: MLN; Habitat: T

Miyata, T., Saito, T., Fukamachi, S., Kiritani, K., Kawahara, S., Yoshioka, K., Ozaki, K., Sasaki, Y., Tsuboi, A., and et al. (1981). On the Relation Between Insecticide Resistance and Aliesterase Activity in the Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 25, no. 3, pp. 150-155. 1981.

Chemical of Concern: MLN; Habitat: AT

Miyata, T., Saito, T., Kassai, T., and Ozaki, K. (1989). In Vitro Degradation of Malathion by the Small Brown Planthopper, *Laodelphax striatellus* (Fallen), and the Brown Rice Planthopper, *Nilaparvata lugens* (Staal) (Hemiptera: Delphacidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 24, no. 2, pp. 240-241. 1989.

Chemical of Concern: MLN; Habitat: T

Miyata, T., Saito, T., and Yasutomi, K. (1984). Degradation of Super(14)C-Malathion in Vitro by *Culex pipiens quinquefasciatus* Strains Resistant and Susceptible to Malathion. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 35, no. 2, pp. 103-107. 1984.

Chemical of Concern: MLN; Habitat: T

Miyata, T., Sakai, H., Saito, T., Yoshioka, K., Ozaki, K., Sasaki, Y., and Tsuboi, A. (1981). Mechanism of Joint Toxic Action of Kitazin P Super() With Malathion in the Malathion Resistant Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 258-263. 1981.

Chemical of Concern: MLN; Habitat: T

Miyazaki, A. (1997). Progress and Prospects of Optically Active Pesticides. *J.Pestic.Sci.* 22: 136-155 (JPN).

EcoReference No.: 97554

Chemical of Concern: CYF,CYH,CPY,CYP,FNPE,PPG,FRM,VCZ,MYC,HTX,ACP,MLN,Naled,PBZ;
Habitat: T; Code: NO FOREIGN(CYF,CYH,CPY,FNPE,PPG,FRM,HTX,ACP,MLN,Naled,PBZ,MYC).

Mizell III, R. F. and Schiffhauer, D. E. (1984). Control of *Glyphidocera juniperella* Adamski in Container-Grown Juniper, 1984. *Insectic.Acaric.Tests* 11: 411 (No. 539).

EcoReference No.: 88035

Chemical of Concern: ACP,CBL,MLN,AZ,DZ,CYP,ADC; Habitat: T; Effect Codes: POP; Code: OK
TARGET(ACP,ADC,CBL,MLN,DZ),OK(AZ,CYP).

Mizell III, R. F. and Schiffhauer, D. E. (1990). Effects of Pesticides on Pecan Aphid Predators *Chrysoperla rufilabris* (Neuroptera: Chrysopidae), *Hippodamia convergens*, *Cycloneda sanguinea* (L.), *Olla v-nigrum* (Coleoptera: Coccinellidae), and *Aphelinus perpallidus* (Hymenoptera: Encyrtidae). *J.Econ.Entomol.* 83: 1806-1812.

EcoReference No.: 93318

Chemical of Concern:

FVL,ETN,DEM,DDVP,CBL,MOM,AZ,MLN,DMT,CPY,DZ,PRN,BMY,FNV,CYP,PHSL,ES,HCCH,DC
F; Habitat : T; Effect Codes: MOR; Code:
TARGET(FVL,DDVP,CBL,AZ,MLN,DMT,CPY,DZ,BMY,FNV,CYP,ES,DCF).

Mmochi, A. J. and Mberek, R. S. (1998). Trends in the Types, Amounts, and Toxicity of Pesticides Used in Tanzania: Efforts to Control Pesticide Pollution in Zanzibar, Tanzania. *Ambio* 27: 669-676.

Chemical of Concern: MLN; Habitat: AT

Mohamad, B. M. and Van Emden, H. F. (1989). Host Plant Modification to Insecticide Susceptibility in *Myzus persicae* (Sulz.). *Insect Sci.Appl.* 10: 699-703.

EcoReference No.: 91029

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO; Code: OK TARGET(MLN).

Mohamed, R. A. (1997). Effectiveness of Datura Leave Extracts and Their Mixtures With Malathion Against the Cowpea Beetle-*Callosobruchus Maculatus* (F.). *Annals of Agricultural Science, Moshtohor [ANN. AGRIC. SCI., MOSHTOHOR]*. Vol. 35, no. 1, pp. 589-604. Mar 1997.

Chemical of Concern: MLN; Habitat: T

Mohamed, R. A. (1997). Effectiveness of Datura Leave Extracts and Their Mixtures with Malathion Against the Cowpea Beetle-*Callosobruchus maculatus* (F.). *Ann.Agric.Sci.* 35: 589-604.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mohammad, A. and Khan, M. Am (1993). New Surface-Modified Sorbent Layer for the Analysis of Toxic Metals in Seawater and Industrial Wastewater. *J chromatogr* 642: 455-458.

Chemical of Concern: MLN; Habitat: A

Mohanachari, V., Rajendra, W., and Indira, K. (1984). Activation of Sheep Brain Succinate Dehydrogenase by Malathion. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 3, pp. 199-200. 1984.

Chemical of Concern: MLN; Habitat: T

Mohapatra, H., Mishra, B. K., Mishra, P., and Rout, G. (1989). Toxicity of Some Synthetic Pyrethroids Against Angoumois Grain Moth *Sitotroga cerealella* Olivier Infesting Wheat. *Indian J.Plant Prot.* 17: 135-138.

EcoReference No.: 90656

Chemical of Concern: MLN,FNV,CYP,DM; Habitat: T; Effect Codes: MOR,REP; Code: OK TARGET(MLN,FNV,CYP).

Mohideen, M. B. and Reddy, P. M. (1987). Changes in the Brain Protein Profiles of Freshwater Fish *Cyprinus carpio* Under Malathion Stress. *Z.Angew.Zool.* 74: 293-298 .

EcoReference No.: 6619

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Mohiuddin, S., Ahmed, Z., and Qureshi, S. A. (1991). Comparative Observation on the Toxicity of Some Commonly Used Pesticides Against Laboratory-Reared and Wild Strains of *Aedes aegypti* (L.). *Pak.J.Sci.Ind.Res.* 34: 356-358.

EcoReference No.: 75353

Chemical of Concern: DMT,CYP,DDT,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Mohn, Georges (1973). 5-Methyltryptophan Resistance Mutations in *Escherichia Coli* K-12 Mutagenic Activity of Monofunctional Alkylating Agents Including Organophosphorus Insecticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 20: 7-15.

Chemical of Concern: MLN; Habitat: AT

Mohsen, Z. H., Ouda, N. A., Al-Faisal, A. H., and Mehdi, N. S. (1985). Toxicity of Mosquito Larvicides to Backswimmer *Anisop sardea* H.S. (Hemiptera: Notonectidae) and Dragonfly *Corcothemt erythraea* Brulle (Odonata: Libellulidae). *J.Biol.Sci.Res.* 16: 273-282.

EcoReference No.: 89593

Chemical of Concern: DDT,MLN,TMP,AZM,CYP; Habitat: A; Effect Codes: MOR; Code: OK(DDT,TMP,AZM),OK TARGET(MLN,CYP).

Mohsin, A. K. M., Ongand, S. L., and Ambak, M. A. (1984). Effect of Malathion on Sepat Siam and Tilapia. *Pertanika* 7: 57-60.

Chemical of Concern: MLN; Habitat: A

Moitra, A. and Lal, R. (1989). Effect on Sublethal Doses of Malathion and BHC on the Intestine of the Fish *Puntius sarana*. *Environ.Ecol.* 7: 412-414.

EcoReference No.: 2639

Chemical of Concern: MLN,HCCH; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN,HCCH).

Molinari, G. P., Cavanna, S., and Ferroni, B. (1998). Multiresidue Method for Determination of Organophosphorus Pesticides in Vegetables. *Food additives and contaminants* 15: 510-517.

Chemical of Concern: MLN; Habitat: T

Montserrat, Jose M. and Bianchini, Adalto (2000). Methodological and Biological Aspects to Be Considered in Acetylcholinesterase Reactivation Assays Using 2-Pam. *Environmental Toxicology and Pharmacology* 9: 39-47.

Chemical of Concern: MLN; Habitat: A

Montada, D., Tang, R., Navarro, A., and Garcia, F. A. (1994). Susceptibility Status of *Aedes taeniorhynchus* to Organochlorine and Organophosphate Insecticides. *Mem.Inst.Oswaldo Cruz Rio J.* 89: 251-252.

EcoReference No.: 100764

Chemical of Concern: TMP,CPY,DDY,FNTH,FNT,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(TMP,CPY,MLN).

Monty, C. N., Oh, I., and Masel, R. I. (Acetylcholinesterase-Based Electrochemical Multiphase Microreactor for Detection of Organophosphorous Compounds (Preprint). *Govt reports announcements & index (gra&i)*, issue 26, 2007.

Chemical of Concern: MLN; Habitat: A

Moody, R. P., Akram, M., Dickson, E., and Chu, I. (In Vitro Dermal Absorption of Methyl Salicylate, Ethyl Parathion, and Malathion: First Responder Safety. *J toxicol environ health a.* 2007, jun; 70(12):985-99. [*Journal of toxicology and environmental health. Part a*]: *J Toxicol Environ Health A*.

Chemical of Concern: MLN; Habitat: T

Moore, J. C., Dukes, J. C., Clark, J. R., Malone, J., Hallmon, C. F., and Hester, P. G. (1993). Downwind Drift and Deposition of Malathion on Human Targets From Ground Ultra-Low Volume Mosquito Sprays. *Journal of the American Mosquito Control Association* [*J. AM. MOSQ. CONTROL ASSOC.*]. Vol. 9, no. 2, pp. 138-

142. 1993.

Chemical of Concern: MLN; Habitat: T

Moore, R. B. (1970). Effects of Pesticides on Growth and Survival of *Euglena gracilis* Z.
Bull.Environ.Contam.Toxicol. 5: 226-230.

EcoReference No.: 2162

Chemical of Concern: MTAS,Nabam,MLN,PRN; Habitat: A; Effect Codes: MOR,POP,CEL,PHY;
Code: NO ENDPOINT(ALL CHEMS).

Mora, P., Fournier, D., and Narbonne, J. F. (1999). Cholinesterases From the Marine Mussels *Mytilus Galloprovincialis* Lmk. And *M. Edulis* L. And From the Freshwater Bivalve *Corbicula Fluminea* Muller.
Comparative biochemistry and physiology c pharmacology toxicology & endocrinology 122: 353-361.

Chemical of Concern: MLO; Habitat: A

Moraes, S. S., Bautista, A. R. L., and Viana, B. F. (2000). Acute Toxicity Studies of Insecticides (DI Sub(50) E CI Sub(50)) to *Scaptotrigona Tubiba* (Smith) (Hymenoptera: Apidae): by Contact Route. *Anais de Sociedade Entomologica do Brasil [An. Soc. Entomol. Bras.]*. Vol. 29, no. 1, pp. 31-37. Mar 2000.

Chemical of Concern: MLN; Habitat: AT

Moreno, D. S. and Mangan, R. L. (1995). Gustatory Response of the Mexican Fruit Fly to Baits. *209th american chemical society national meeting, anaheim, california, usa, april 2-6, 1995. Abstracts of papers american chemical society* 209: Agro 20.

Chemical of Concern: MLN; Habitat: T

Morgade, C. and Barquet, A. (Body Distribution of Malathion and Its Metabolites in a Fatal Poisoning by Ingestion. *J toxicol environ health.* 1982, aug; 10(2):321-5. [*Journal of toxicology and environmental health*]: *J Toxicol Environ Health.*

Chemical of Concern: MLO; Habitat: T

Morgan, D. P. and Roan, C. C. (1973). Adrenocortical Function in Persons Occupationally Exposed to Pesticides. *J.Occup.Med.* 15 : 26-28.

Chemical of Concern: PRN,PYN,TXP,DDT,DLD,CHD,MLN,HCCH,PPX,DZ,DDVP; Habitat: T

Morishita, M. (2001). Toxicity of Some Insecticides to Larvae of *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae) Evaluated by the Petri Dish-Spraying Tower Method. *Appl.Entomol.Zool.* 36: 137-141.

EcoReference No.: 82021

Chemical of Concern:

PRB,EMMB,THO,ACT,EFX,TDL,PIM,PHSL,PIRM,DMT,FNTH,MLN,DDVP,ACT,LUF,TCF,CYP,ES,S S,IMC,FVL,PMR,CBL,MOM,ALP,FNT,MDT,CPY,FF,DZ,BFT; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,DZ,CBL,MOM).

Morison, R. (1984). The Acute Sublethal Effects of the Pesticides Carbaryl and Malathion on Partial Ethograms of the Yellow Bullhead (*Ictalurus natalis* (Lesueur)). *Ph.D.Thesis, University of Tennessee, Knoxville, TN* 435 p. Diss.Abstr.Int.B Sci. Eng. 45(5): 1368 (1984)(ABS).

EcoReference No.: 9103

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(CBL,MLN).

Morita, M., Yoshinaga, J., Mukai, H., Ambe, Y., Tanaka, A., and Shibata, Y. (1997). Specimen Banking at National Institute for Environmental Studies, Japan. *Chemosphere* 34: 1907-1919.

Chemical of Concern: MLN; Habitat: T

Morse, J. G., Urena, A. A., Brawner, O. L., and Salazar-Marroquin, J. (1987). Control of Fuller Rose Beetle in Pruned and Unpruned Citrus, 1986. *Insectic.Acaric.Tests* 12: 86 (No. 087).

EcoReference No.: 88731

Chemical of Concern: CBL,AZ,MLN,FTTCL,MDT,CYT; Habitat: T; Effect Codes: POP; Code: OK(FTTCL,MDT,CYT),OK TARGET(CBL,AZ,MLN).

Mortensen, S. R. (2006). Toxicity of Organophosphorus and Carbamate Insecticides Using Birds as Sentinels for Terrestrial Vertebrate Wildlife. In: R.C.Gupta (Ed.), *Toxicology of Organophosphate & Carbamate Compounds*, Elsevier Acad.Press, Burlington, MA 673-678.

Chemical of Concern: PIRM,MLN,DDVP,FNT,TVPM; Habitat: T; Code: NO REVIEW(FNT,TVPM,DDVP,MLN,PIRM).

Mortensen, S. R. (1998). Toxicodynamic and Toxicokinetic Factors Which may Influence the Increased Sensitivity of Young Rats to Chlorpyrifos Relative to Adults. *Ph.D.Thesis, Clemson Univ., Clemson, SC* 106 p.

EcoReference No.: 100918

Chemical of Concern: CBL,ADC,MLO,CPY,CPYO; Habitat: T; Effect Codes: BCM,GRO; Code: LITE EVAL CODED(CPY),NO IN VITRO(CBL,ADC,MLO,CPYO).

Mortensen, S. R., Hooper, M. J., and Padilla, S. (1998). Rat Brain Acetylcholinesterase Activity: Developmental Profile and Maturational Sensitivity to Carbamate and Organophosphorus Inhibitors. *Toxicology* 125: 13-19.

Chemical of Concern: MLO; Habitat: T

Moscioni, A. D., Engel, J. L., and Casida, J. E. (1977). Kynurenine Formamidase Inhibition as a Possible Mechanism for Certain Teratogenic Effects of Organophosphorus and Methylcarbamate Insecticides in Chicken Embryos. *Biochem.Pharmacol.* 26: 2251-2258.

EcoReference No.: 38043

Chemical of Concern:

DCTP,DZ,CBL,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP; Habitat: T; Effect Codes: BCM,GRO; Code: LITE EVAL CODED(DZ,CBL),NO ENDPOINT(DCTP,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP).

Moss, J. I. (1996). Synergism of Toxicity of N,N-Diethyl-m-Toluamide to German Cockroaches (Orthoptera: Blattellidae) by Hydrolytic Enzyme Inhibitors. *J.Econ.Entomol.* 89: 1151-1155.

EcoReference No.: 93301

Chemical of Concern: MLN,CPY,AMZ,PMR,LCYT,PPB,DEET,CBL,TBF; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE(PMR,PPB,TBF),NO CONTROL(MLN,CPY,CBL).

Mostafa, A. A. and Allam, K. A. M. (2001). Studies on the Present Status of Insecticides Resistance on Mosquitoes Using the Diagnostic Dosages in El-Fayium Governorate, a Spot Area of Malaria in Egypt. *J.Egypt.Soc.Parasitol.* 31: 177-186.

EcoReference No.: 100283

Chemical of Concern: FNTH,DZ,TMP,CYP,PMR,DM,PPX,FNT,MLN; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(DZ,TMP,CYP,PMR,MLN).

Mostafa, I. Y., Bahig, M. R. E., Fakhr, I. M. I., and Adam, Y. (1972). Metabolism of Organophosphorus Insecticides. XIV. Malathion Breakdown by Soil Fungi. *Z.Naturforsch.* 27b: 1115-1116.

Chemical of Concern: MLN; Habitat: T; Code: NO FATE(MLN).

Mostafa, I. Y., Fakhr, I. M., Bahig, M. R. E., and El-Zawahry, Y. A. (Metabolism of Organophosphorus Insecticides Xiii. Degradation of Malathion by Rhizobium Spp. *Arch. Mikrobiol.*; 86(3): 221-224; 1972 ; (ref:15).

Chemical of Concern: MLO; Habitat: T

Mostaghimi, S., McClellan, P. W., and Cooke, R. A. (1993). Pesticide Contamination of Groundwater in Virginia Bmp Impact Assessment. *Water science and technology* 28: 379-387.

Chemical of Concern: MLN; Habitat: A

Mount, D. I. and Stephan, C. E. (1967). A Method for Establishing Acceptable Toxicant Limits for Fish--Malathion and the Butoxyethanol Ester of 2,4-D. *Trans.Am.Fish.Soc.* 96: 185-193.

EcoReference No.: 883

Chemical of Concern: 24DXY,MLN; Habitat: A; Effect Codes: MOR,BEH,POP,GRO,REP; Code: NO ENDPOINT(MLN).

Mount, D. R., Hockett, J. R., Garrison, T. D., Barten, K. A., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Summary Findings From Toxicity Identification Evaluations.

Chemical of Concern: MLN; Habitat: T

Mount, G. A., Hirst, J. M., McWilliams, J. G., Lofgren, C. S., and White, S. A. (1968). Insecticides for Control of the Lone Star Tick Tested in the Laboratory and as High Volume and Ultra Low Volume Sprays in Wooded Areas. *J.Econ.Entomol.* 61: 1005-1007.

EcoReference No.: 52433

Chemical of Concern: FNT,CPY,ABT,MLN,DMT,FNTH,DZ,DDT,CBL,Naled,DDVP; Habitat: T; Effect Codes: MOR,POP; Code: OK TARGET(DZ,Naled,DMT,MLN,CPY,CBL).

Mount, G. A., Lowe, R. E., Baldwin, K. F., Pierce, N. W., and Savage, K. E. (1970). Ultra-Low Volume Aerial Sprays of Promising Insecticides for Mosquito Control. *Mosq.News* 30: 342-346.

EcoReference No.: 2875

Chemical of Concern: MLN,FNT,FNTH; Habitat: AT; Effect Codes: MOR; Code: NO ENDPOINT(MLN,FNT,FNTH).

Mourya, D. T., Hemingway, J., and Leake, C. J. (1993). Changes in Enzyme Titres With Age Four Geographical Strains of Aedes Aegypti and Their Association With Insecticide Resistance. *Med vet entomol* 7: 11-16.

Chemical of Concern: MLN; Habitat: T

Mouvet, C. and Jucker, C. (1997). Correction of Previews 99711192. Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. Correction of Abstract. Erratum Published in Environmental Science and Technology Vol. 31. Iss. 11. 1997. P. 3340. *Environmental science & technology* 31: 2434-2437.

Chemical of Concern: MLN; Habitat: AT

Mouvet, C. and Jucker, C. (1997). Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. *Environmental science & technology* 31: 2434-2437.

Chemical of Concern: MLN; Habitat: AT

Moyer, L., Cross, J., and Illinois State Environmental Protection Agency, Springfield (USA). Div. of Water Pollution Control (1990). Pesticide Monitoring: Illinois Epa's Summary of Results, 1985-1989.

Chemical of Concern: MLN; Habitat: A

Muan, B. and Nafstad, I. (1989). Distribution and Elimination of [¹⁴C] Malathion in the Rat. *J.Agric.Food Chem.* 37: 210-213.

EcoReference No.: 90748

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO ENDPOINT(MLN).

Muan, B. and Skaare, J. U. (1986). Gas Chromatographic Determination and Mass Spectrometric Confirmation of Malathion in Milk and Blood. *J agric food chem* 34: 87-88.

Chemical of Concern: MLN; Habitat: T

Muan, B. and Skare, J. U. (1989). A Method for the Determination of the Main Metabolites of Malathion in Biological Samples. *J agric food chem* 37: 1081-1085.

Chemical of Concern: MLN; Habitat: T

Muan, B., Skare, J. U., Soli, N. E., Grave, K., and Odegaard, S. (1985). Use of Malathion Against Ectoparasites on Lactating Cows. *Acta Vet.Scand.* 26: 352-362.

EcoReference No.: 90684

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,ACC,BCM; Code: NO ENDPOINT(MLN).

Muan, B., Soli, N. E., and Skare, J. U. (1989). Elimination of Intravenously Injected Malathion in Sheep. *J.Agric.Food Chem.* 37: 1085-1088.

EcoReference No.: 89125

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,ACC; Code: NO ENDPOINT,NO CONTROL(MLN).

Mueller-Herold, U., Caderas, D., and Funck, P. (1997). Validity of Global Lifetime Estimates by a Simple General Limiting Law for the Decay of Organic Compounds With Long-Range Pollution Potential. *Environmental science & technology* 31: 3511-3515.

Chemical of Concern: MLN; Habitat: AT

Mueller, P. (1989). Biomonitoring of Chemicals on Tropical Ecosystems. *Amazoniana* 11: 71-90.

Chemical of Concern: MLN; Habitat: T

Mufti, S. A., Nazir, N., and Ahmad, M. (ed) (1980). Toxic Effects of Malathion on Mice Embryogenesis. 8. *Pakistan Congress of Zoology, Peshawar (Pakistan), 10-11 Apr 1988*.

Chemical of Concern: MLN; Habitat: T

Mufti, S. A. and Safdar, N. J. (1991). Studies on Cardiogenesis in Mouse Embryos Exposed to an Organophosphorus Insecticide . *Pak.J.Zool.* 23: 39-43.

EcoReference No.: 89170

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,CEL; Code: NO ENDPOINT(MLN).

Mukerjee, S., Ellenson, W. D., Lewis, R. G., Stevens, R. K., Somerville, M. C., Shadwick, D. S., and Willis, R. D. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: Iii. Residential Microenvironmental Monitoring for Air, House Dust, and Soil. *Environment international* 23: 657-673.

Chemical of Concern: MLN; Habitat: AT

Mukerjee, S. K. (1986). Plant Protection Chemicals in 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 35-48.

Chemical of Concern: MLN; Habitat: T

Mukherji, S. K. (1970). Further Studies on the Chemical Control of Algal Weeds. *World Crops* 22: 387-388.

EcoReference No.: 90685

Chemical of Concern: Nabam; Habitat: AT; Effect Codes: POP,GRO; Code: NO COC(MLN,MZB,Maneb).

Mukhopadhyay, A. K., Karmakar, P., Hati, A. K., and Dey, P. (1997). Recent Epidemiological Status of Malaria in Calcutta Municipal Corporation Area, West Bengal. *Indian journal of malariology* 34: 188-196.

Chemical of Concern: MLN; Habitat: T

Mukhopadhyay, P. K. and Dehadrai, P. V. (1980). Biochemical Changes in the Air-Breathing Catfish *Clarias batrachus* (Linn.) Exposed to Malathion. *Environ.Pollut.Ser.A* 22: 149-158.

EcoReference No.: 6585

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Mukhopadhyay, P. K. and Dehadrai, P. V. (1980). Studies on Air-Breathing Catfish *Clarias batrachus* (Linn.) Under Sublethal Malathion Exposure. *Indian J.Exp.Biol.* 18: 400-404.

EcoReference No.: 6586

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Mukhopadhyay, P. K., Mukherji, A. P., and Dehadrai, P. V. (1984). Phospholipids and Fatty Acids in the Liver of Catfish, *Clarias batrachus* Exposed to Sublethal Malathion. *J.Environ.Biol.* 5: 221-229.

EcoReference No.: 10520

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Mukiamma, T. K. and Wood, R. J. (1987). Influence of DEF on the Action of Malathion Against Male and Female *Ceratitis capitata* (Diptera: Tephritidae). In: A.P.Economopoulos (Ed.), *Fruit Flies, 2nd Int.Symp.held in Conjunction with the Int.Atomic Energy Agency's Fruit Fly Genetic Sexing Res.Coord.Meet, Sept 16-21,1986.Elsevier Science Pub., Amsterdam, Netherlands* 235-240.

EcoReference No.: 92643

Chemical of Concern: TBF,MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN),NO MIXTURE(TBF).

Muldoon, S. R. and Hodgson, M. J. (1992). Risk Factors for Nonoccupational Organophosphate Pesticide Poisoning. *J occup med* 34: 38-41.

Chemical of Concern: MLN; Habitat: T

Muley, D. V. and Mane, U. H. (1987). Histopathological Changes Induced by Cythion-Malathion in the Gonads of Lamellibranch Molluscs. *Environ.Ecol.* 5: 756-759.

EcoReference No.: 17590

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,MOR; Code: NO ENDPOINT(MLN).

Muley, D. V. and Mane, U. H. (1987). Malathion Induced Changes in Oxygen Consumption in Two Species of Freshwater Lamellibranch Molluscs from Godavari River, Maharashtra State, India. *J.Environ.Biol.* 8: 267-275.

EcoReference No.: 12634

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Mulla, M. S. (1963). Persistence of Mosquito Larvicides in Water. *Mosq.News* 23: 234-237 .

EcoReference No.: 2677

Chemical of Concern: MLN,MP,DZ,PRN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Mulla, M. S. (1961). Susceptibility of Various Larval Instars of Culex p. quinquefasciatus Say to Insecticides. *Mosq.News* 21: 320-324.

EcoReference No.: 4430

Chemical of Concern: MP,PRN,DDT,MLN,FNTH; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),TARGET(MP).

Mulla, M. S., Axelrod, H., and Isaak, L. W. (1961). Effectiveness of New Insecticides Against Mosquito Larvae. *Mosq.News* 21: 216-224.

EcoReference No.: 60027

Chemical of Concern: PRN,FNTH,DLD,AND,AZ,EN,PCB,DDT,PRT,MLN,ETN,DDVP; Habitat: A; Effect Codes: MOR,POP; Code: NO CONTROL(ALL CHEMS).

Mulla, M. S. and Isaak, L. W. (1961). Field Studies on the Toxicity of Insecticides to the Mosquito Fish, Gambusia affinis. *J.Econ.Entomol.* 54: 1237-1242.

EcoReference No.: 2128

Chemical of Concern: MLN,DDT,PRN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Mulla, M. S., Metcalf, R. L., and Isaak, L. W. (1962). Some New and Highly Effective Mosquito Larvicides. *Mosq.News* 22: 231-238.

EcoReference No.: 14106

Chemical of Concern: DMT,AZ,DZ,MLN,MP,PSM; Habitat: A; Effect Codes: POP,MOR; Code: NO CONTROL(ALL CHEMS).

Mulla, M. S. and Mian, L. S. (1981). Biological and Environmental Impacts of the Insecticides Malathion and Parathion on Nontarget Biota in Aquatic Ecosystems. *Residue Rev.* 78: 101-135.

Chemical of Concern: MLN; Habitat: A

Mulla, M. S., Mian, L. S., and Kawecki, J. A. (1981). Distribution, Transport, and Fate of the Insecticides Malathion and Parathion in the Environment. *Residue Rev.* 81: 2-159.

Chemical of Concern: MLN; Habitat: A

Mullens, B. A., Velten, R. K., Hinkle, N. C., Kuney, D. R., and Szijj, C. E. (2004). Acaricide Resistance in Northern Fowl Mite (*Ornithonyssus sylviarum*) Populations on Caged Layer Operations in Southern California. *Poult.Sci.* 83: 365-374.

EcoReference No.: 87581

Chemical of Concern: DDVP,TVP,MLN,CBL,PMR; Habitat: T; Effect Codes: MOR; Code: TARGET MLN,CBL.

Mulrooney, J. E., Holmes, K. A., Shaw, R. A., and Goli, D. (2003). Longevity of Ultra-Low-Volume Sprays of Fipronil and Malathion on Cotton in Mexico. *Southwest.Entomol.* 28: 69-75.

EcoReference No.: 89080

Chemical of Concern: FPN,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(FPN,MLN).

Mulrooney, J. E., Howard, K. D., Hanks, J. E., and Jones, R. G. (1997). Application of Ultra-Low-Volume Malathion by Air-Assisted Ground Sprayer for Boll Weevil (Coleoptera: Curculionidae) Control. *J.Econ.Entomol.* 90: 639-645.

EcoReference No.: 89289

Chemical of Concern: AZ,MLN; Habitat: T; Effect Codes: MOR; Code: OK(AZ,TARGET-MLN).

Mulrooney, J. E. and Smith, L. A. (2001). Application of Reduced Rates of Technical Malathion Applied as Ultra Low Volume in Oils. *Southwest.Entomol.* 41-48.

EcoReference No.: 89266

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,MOR; Code: NO CONTROL(MLN).

Muncy, R. J. and Oliver, A. D. Jr. (1963). Toxicity of Ten Insecticides to the Red Crawfish, *Procambarus clarki* (Girard). *Trans.Am.Fish.Soc.* 92: 428-431.

EcoReference No.: 2156

Chemical of Concern: MRX,DCTP,DMT,PPHD,MLN,MP,CBL,EN,DDT,Naled; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,DMT),NO CONTROL(MRX,DCTP,DMT,PPHD,MLN,MP,CBL,EN,DDT,Naled),NO ENDPOINT(MLN).

Muniandy, S. (1987). Impact of Metacid and Cythion on Food Utilization, Growth and Conversion Efficiency of a Fish *Macropodus cupanus*. *Environ.Ecol.* 5: 766-768.

EcoReference No.: 14045

Chemical of Concern: MP,MLN; Habitat: A; Effect Codes: BEH,PHY; Code: NO ENDPOINT(MLN).

Munkegaard, M., Abbaspoor, M., and Cedergreen, N. (2008). Organophosphorous Insecticides as Herbicide Synergists on the Green Algae *Pseudokirchneriella subcapitata* and the Aquatic Plant *Lemna minor*. *Ecotoxicology* 17: 29-35.

EcoReference No.: 101323

Chemical of Concern: MLN,CPY,ES; Habitat: A; Effect Codes: GRO; Code: NO MIXTURE(MLN,CPY,ES).

Munn, M. D. and Gilliom, R. J. (2001). Pesticide Toxicity Index for Freshwater Aquatic Organisms. *Water-Resour.Investig.Rep.No.01-4077, U.S.Geol.Surv., Sacramento, CA* 1-55.

Chemical of Concern:

MCPB,CBL,CPY,DZ,MLN,ACR,ATZ,BFL,BTY,CZE,LNR,MTL,MBZ,PDM,PRO,SZ,TET,TFN;

Habitat: A

Munn, S., Keefe, T. J., and Savage, E. P. (1985). A Comparative Study of Pesticide Exposures in Adults and Youth Migrant Field Workers. *Arch environ health* 40: 215-220.

Chemical of Concern: MLN; Habitat: T

Munshi, J. D., Dutta, H. M., Singh, N. K., Roy, P. K., Adhikari, S., Dogra, J. V. V., and Ali, M. M. (1999). Effect of Malathion, An Organophosphorus Pesticide, on the Serum Proteins of *Heteropneustes fossilis* (Bloch). *J.Environ.Pathol.Toxicol.Oncol.* 18: 79-83.

EcoReference No.: 52490

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Murai, T., Miyazaki, M., and Ozuka, M. (1992). Changes in Insecticide Susceptibility of the Diamondback Moth in Shimane, Japan. *Jarq (Jpn.Agric.Res.Q.)* 26: 152-156.

EcoReference No.: 91191

Chemical of Concern: EFX,DDVP,ACP,FNV,MLN,MOM; Habitat: T; Effect Codes: MOR,POP; Code: NO COC(Captan),NO ENDPOINT(DDVP,MOM,TARGET-EFX,ACP,FNV),NO MIXTURE,TARGET(MLN).

Murakami, M. and Fukami, J. I. (1985). Specific Molecular Connectivity Analysis of Pesticides and Related Compounds a Preliminary Study. *Bull environ contam toxicol* 34: 775-779.

Chemical of Concern: MLN; Habitat: T

Murarkar, S. R., Deshmukh, G. J., Bodhade, S. N., and Thakre, H. S. (1996). Effect of Chemical Pest Control of Mulberry (*Morus alba*) on the Performance of Silkworm (*Bombyx mori*. L.). *PKV (Punjabrao Krishi Vidyapeeth) Res.J.* 20: 100-102.

EcoReference No.: 91044

Chemical of Concern: MLN,ES,DDVP; Habitat: T; Effect Codes: MOR,GRO; Code: OK TARGET(MLN).

Murphy, Chris F., Jepson, Paul C., and Croft, Brian A. (1994). Database Analysis of the Toxicity of Antilocust Pesticides to Non-Target, Beneficial Invertebrates. *Crop Protection* 13: 413-420.

Chemical of Concern: MLN; Habitat: T

Murphy, S. A. (1992). Aerial Pest Eradication in Massachusetts and California and the Pesticide Malathion. *Boston College Environmental Affairs Law Review [BOSTON COLL. ENVIRON. AFF. LAW REV.]*. Vol. 19, no. 4, pp. 851-884. 1992.

Chemical of Concern: MLN; Habitat: AT

Murphy, S. D. (1966). Liver Metabolism and Toxicity of Thiophosphate Insecticides in Mammalian, Avian and Piscine Species. *Proc.Soc.Exp.Biol.Med.* 123: 392-398.

Chemical of Concern: PRN,AZ,MLN; Habitat: AT

Murphy, S. D., Anderson, R. L., and DuBois, K. P. (1969). Potentiation of Toxicity of Malathion by Triorthotolyl

Phosphate. *Proc.Soc.Exp.Biol.Med.* 100: 483-487.

EcoReference No.: 104910

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL(MLN).

Murphy, S. D. and Cheever, K. L. (1972). Carboxylesterase and Cholinesterase Inhibition in Rats. Abate and Interaction with Malathion. *Arch.Environ.Health* 24: 107-114.

EcoReference No.: 100908

Chemical of Concern: MLN,TMP; Habitat: T; Effect Codes: BCM,GRO; Code: LITE EVAL CODED(TMP),NO MIXTURE(MLN).

Murphy, S. D. and DuBois, K. P. (1957). Quantitative Measurement of Inhibition of the Enzymatic Detoxification of Malathion by EPN (Ethyl P-Nitrophenyl Thionobenzenephosphonate). *Proc.Soc.Exp.Biol.Med.* 96: 813-818.

EcoReference No.: 94784

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: BCM; Code: NO CONTROL,NO ENDPOINT(MLN,MLO).

Murphy, S. D., Lauwerys, R. R., and Cheever, K. L. (1968). Comparative Anticholinesterase Action of Organophosphorus Insecticides in Vertebrates. *Toxicol.Appl.Pharmacol.* 12: 22-35.

EcoReference No.: 2669

Chemical of Concern: AZ,MLO,PRN; Habitat: AT; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(AZ),OK(PRN),NO ENDPOINT(MLO),NO COC(MLN).

Murray, A., Rathbone, A. J., and Ray, D. E. (2005). Novel Protein Targets for Organophosphorus Pesticides in Rat Brain. *Environ.Toxicol.Pharmacol.* 19: 451-454.

EcoReference No.: 89041

Chemical of Concern: AZM,CPY,DZ,MLN,PIRM; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(ALL CHEMS).

Murray, H. E. and Guthrie, R. K. (1980). Effects of Carbaryl, Diazinon and Malathion on Native Aquatic Populations of Microorganisms. *Bull.Environ.Contam.Toxicol.* 24: 535-542.

EcoReference No.: 6587

Chemical of Concern: CBL,DZ,MLN; Habitat: A; Effect Codes: PHY,POP; Code: LITE EVAL CODED(CBL),NO ENDPOINT(DZ,MLN).

Murthy, K. S Rk, Rao, B. N., Subbaratnam, C. V., Azam, K. M., and Murthy, B. Hk (Residues of Malathion on Bhendi. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 26-27.*

Chemical of Concern: MLN; Habitat: AT

Mutero, A., Pralavorio, M., Bride, J. M., and Fournier, D. (Resistance-Associated Point Mutations in Insecticide-Insensitive Acetylcholinesterase. *Proc natl acad sci u s a.* 1994, jun 21; 91(13):5922-6. [*Proceedings of the national academy of sciences of the united states of america*]: *Proc Natl Acad Sci U S A.*

Chemical of Concern: MLO; Habitat: T

Mwanthi, M. A. (1998). Occurrence of Three Pesticides in Community Water Supplies Kenya. *Bulletin of environmental contamination and toxicology* 60: 601-608.

Chemical of Concern: MLN; Habitat: A

Myhr, B. C. and Caspary, W. J. (Chemical Mutagenesis at the Thymidine Kinase Locus in L5178y Mouse Lymphoma Cells: Results for 31 Coded Compounds in the National Toxicology Program. *Environ mol mutagen* 18:51-83,1991: ENVIRON MOL MUTAGEN.

Chemical of Concern: MLO; Habitat: T

Nagai, K. (1990). Effect of Insecticides on Orius Sp., The Natural Enemy of Thrips Palmi Karny. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 34, no. 4, pp. 321-324. 1990.

Chemical of Concern: MLN; Habitat: AT

Nagy, S., Straus, H., Ghelberg, N. W., and Salagean, S. (1972). Toxic Effects of Malathione on Irradiated Organisms. *Igiena (Buchar.)* 21: 409-414 (ROM) (ENG ABS).

Chemical of Concern: MLN; Habitat: A

Naidu, U. V., Seshiaiah, K., and Naidu, G. R. (1990). Colorimetric Determination of Malathion With Methylene Green. *Acta chim hung* 127: 381-384.

Chemical of Concern: MLN; Habitat: AT

Naik, R. L., Pokharkar, R. N., and Ajri, D. S. (1987). Relative Efficacy of Certain Pesticides Against Pod Borer on Chickpea Under Field Conditions. *J.Maharashtra Agric.Univ.* 12: 119-120.

EcoReference No.: 89012

Chemical of Concern: HCCH,CBL,PHSL,ES,PMR,MLN,ACP; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS,TARGET-CBL),NO CROP(MLN).

Nair, A. S. and Pradeep, T. (Extraction of Chlorpyrifos and Malathion From Water by Metal Nanoparticles. *J nanosci nanotechnol.* 2007, jun; 7(6):1871-7. [*Journal of nanoscience and nanotechnology*]: *J Nanosci Nanotechnol*.

Chemical of Concern: MLN; Habitat: A

Nair, J. R. and Geevarghese, C. (1984). Growth of *Ectophasia surattensis* (Bloch) Larvae Hatched and Reared in Sublethal Levels of Malathion. *J.Environ.Biol.* 5: 261-267.

EcoReference No.: 10518

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO; Code: NO ENDPOINT(MLN).

Nakagawa, R., Hirakawa, H., and Hori, T. (1995). Estimation of 1992-1993 Dietary Intake of Organochlorine and Organophosphorus Pesticides in Fukuoka, Japan. *Journal of aoac international* 78: 921-929.

Chemical of Concern: MLN; Habitat: T

Nakamura, Y., Sekiguchi, Y., Hasegawa, S., Tsumura, Y., Tonogai, Y., and Ito, Y. (1993). Reductions in Postharvest-Applied Dichlorvos, Chlorpyrifos-Methyl, Malathion, Fenitrothion, and Bromide in Rice During Storage and Cooking Processes. *Journal of agricultural and food chemistry* 41: 1910-1915.

Chemical of Concern: MLN; Habitat: T

Nakamura, Y., Tonogai, Y., Sekiguchi, Y., Tsumura, Y., Nishida, N., Takakura, K., Isechi, M., Yuasa, K., Nakamura, M., Kifune, N., Yamamoto, K., Terasawa, S., Oshima, T., Miyata, M., Kamakura, K., and Ito, Y. (1994). Multiresidue Analysis of 48 Pesticides in Agricultural Products by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 42: 2508-2518.

Chemical of Concern: MLN; Habitat: T

Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1991). A Multiple Sample Extraction and on-Line System for the Analysis of Chlorinated Compounds. *Tenth international symposium on chlorinated dioxins and related compounds 1990, part 1, bayreuth, germany, september 10-14, 1990. Chemosphere* 23: 1109-1116.

Chemical of Concern: MLN; Habitat: T

Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1990). Supercritical Fluid Extraction and Cleanup Procedures for Determination of Xenobiotics in Biological Samples. *9th international symposium on chlorinated dioxins and related compounds 1989, part 1, toronto, ontario, canada, september 17-22, 1989. Chemosphere* 20: 873-880.

Chemical of Concern: MLN; Habitat: T

Namera, A., Yashiki, M., Nagasawa, N., Iwasaki, Y., and Kojima, T. (1997). Rapid Analysis of Malathion in Blood Using Head Space-Solid Phase Microextraction and Selected Ion Monitoring. *Forensic science international* 88: 125-131.

Chemical of Concern: MLN; Habitat: AT

Nandan, R. and Raisuddin, S. (1992). Fungal Degradation of Industrial Wastes and Wastewater. *Arora, d. K., R. P. Elander and k. G. Mukerji (ed.). Handbook of applied mycology, vol. 4. Fungal biotechnology. Xvii+1114p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Illus. Isbn 0-8247-8501-0.; 0: 931-961.*

Chemical of Concern: MLN; Habitat: A

Nandihalli, B. S. and Thontadarya, T. S. (1986). Studies on the Residues of Different Insecticides-cum-Acaricides Used in the Control of Chilli (*Capsicum annum* L.) Leaf-Curl. *Pesticides* 20: 48-50.

EcoReference No.: 74848

Chemical of Concern: CBF,ES,MLN,PRT,PHSL; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Naqvi, S. M. and Ferguson, D. E. (1968). Pesticide Tolerances of Selected Freshwater Invertebrates. *J.Miss.Acad.Sci.* 14: 121-127.

EcoReference No.: 2093

Chemical of Concern: AZ,CBL,CPY,HCCH,MLN,MP,DZ; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS),NO ENDPOINT(MLN).

Naqvi, S. M. Z. (1973). Toxicity of Twenty-Three Insecticides to a Tubificid Worm *Branchiura sowerbyi* From the Mississippi Delta. *J.Econ.Entomol.* 66: 70-74.

EcoReference No.: 2798

Chemical of Concern: AZ,CBL,CPY,HCCH,MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(AZ),LITE EVAL CODED(CBL),OK(HCCH,MP,CPY),NO CONTROL(MLN).

Naqvi, S. Nh and Jahan, M. (1999). Pesticide Residues in Serum and Blood Samples of the People of Karachi. *Journal of environmental biology* 20: 241-244.

Chemical of Concern: MLN; Habitat: T

Natarajan, E., Biradar, R. S., and George, J. P. (1992). Acute Toxicity of Pesticides to Giant Freshwater Prawn *Macrobrachium rosenbergii* (De Man). *J.Aquacult.Trop.* 7: 183-187.

EcoReference No.: 13321

Chemical of Concern: MLN,CuS,ES; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CuS),OK(ES),NO CONTROL(MLN).

Nath, A. and Chand, G. B. (1997). Malathion Induced Spermiophagy in the Testis of *Heteropneustes fossilis*: SEM Study. *J.Freshw.Biol.* 9: 158-161.

EcoReference No.: 89028

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,REP; Code: NO ENDPOINT(MLN).

Nath, G. and Srivastava, M. K. (1990). Effect of Processing on the Removal of Malathion From Treated Cabbages (*Brassica Oleracea* Var *Capitata*). *Indian j entomol* 52: 300-309.

Chemical of Concern: MLN; Habitat: AT

National Technical Information Serv., Springfield, VA (USA) (1990). Biodegradation of Pesticides and Herbicides. March 1978-March 1990 (a Bibliography From the Life Sciences Collection Database).

Chemical of Concern: MLN; Habitat: T

Naukkarinen, A., Paljarvi, L., Hirvonen, M. R., Komulainen, H., and Savolainen, K. M. (1988). Lithium Aggravates Maloxon-Induced Brain Cell Injury. *18th annual meeting of the society for neuroscience, toronto, ontario, canada, november 13-18, 1988. Soc neurosci abstr* 14: 571.

Chemical of Concern: MLO; Habitat: T

Navarro Garcia S, Camara, M. A., Barba, A., Toledano, R., and Luna, A. (1992). Incidence of Residual Levels of Organophosphorus Insecticides in Farm Produce in the Region of Murcia, Spain: Comparison of Intake in the 1985-86 and 1989 Campaigns. *J appl toxicol* 12: 251-254.

Chemical of Concern: MLN; Habitat: T

Navarro, S., PÉrez, Rez, G., Navarro, G., and Vela, N. (Decline of Pesticide Residues From Barley to Malt. *Food addit contam.* 2007, aug; 24(8):851-9. [*Food additives and contaminants*]: *Food Addit Contam.*

Chemical of Concern: MLN; Habitat: T

Navarro, Sim n, Pérez, Gabriel, Navarro, Gin&os, Mena, Luis, and Vela, Nuria (2007). Variability in the fermentation rate and colour of young lager beer as influenced by insecticide and herbicide residues. *Food Chemistry* 105: 1495-1503.

Chemical of Concern: MLN; Habitat: A

Nazer, I. K. (1974). Protection of Honey Bees With Oxime Drugs From Pesticide Poisoning. *Diss. Abstr. Int.* 35: 2799b.

Chemical of Concern: MLO; Habitat: T

Nazer, I. K. and Archer, T. E. (1975). In Vitro Studies on Bee Brain Acetylcholinesterase-Organophosphorus

Complex Utilizing Oxime Drugs. *Toxicology and Applied Pharmacology* 31: 459-464.

Chemical of Concern: MLO; Habitat: T

Nazni, W. A., Lee, H. L., and Sa'diyah, I. (1998). Rate of Resistance Development in Wild *Culex quinquefasciatus* (Say) Selected by Malathion and Permethrin. *Southeast Asian J.Trop.Med.Public Health* 29: 849-855.

EcoReference No.: 74455

Chemical of Concern: MLN,PMR; Habitat: A; Effect Codes: BCM,MOR; Code: NO
COC(MLT,CST),NO CONTROL(ALL CHEMS).

Nazni, W. A., Ursula, M. P., Lee, H. L., and Sa'diyah, I. (1999). Susceptibility of *Musca domestica* L. (Diptera: Muscidae) from Various Breeding Sites to Commonly Used Insecticides. *J.Vector Ecol.* 23: 54-60.

EcoReference No.: 74257

Chemical of Concern: LCYT,MLN,DDT,PMR,BDC; Habitat: T; Effect Codes: MOR; Code: NO
COC(MLT),OK(TARGET-MLN).

Neary, D. G. (1985). Fate of Pesticide in Florida's Usa Forests an Overview of Potential Impacts on Water Quality. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc* 44: 18-24.

Chemical of Concern: MLN; Habitat: A

Neary, D. G., Bush, P. B., and Michael, J. L. (1993). Fate, Dissipation and Environmental Effects of Pesticides in Southern Forests: a Review of a Decade of Research Progress. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 12, no. 3, pp. 411-428. 1993.

Chemical of Concern: MLN; Habitat: T

Nebeker, A. V. and Gaufin, A. R. (1964). Bioassays to Determine Pesticide Toxicity to the Amphipod Crustacean, *Gammarus lacustris*. *Proc.Utah Acad.Sci.* 4: 64-67.

EcoReference No.: 2094

Chemical of Concern: EDT,AZ,DS,MLN,RTN,EN,DLD,PRN,DDT,AND,Cu; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(RTN,OW-TRV-Cu),OK(ALL CHEMS),NO CONTROL(MLN).

Needham, P. H. and Stevenson, J. H. (1973). The Toxicity to Foraging Honeybees, *Apis mellifera*, of Endosulfan, Malathion and Azinphos-Methyl Applied to Flowering Oil Seed Rape, *Brassica napus*. *Ann.Appl.Biol.* 75: 235-240.

EcoReference No.: 38102

Chemical of Concern: AZ,MLN,ES; Habitat: T; Effect Codes: MOR,BCM; Code: NO
ENDPOINT(AZ,MLN,ES).

Neeraja, P., Mohanachari, V., Indira, K., and Sawmi, K. S. (1984). Effect of Malathion on Sheep Liver Argininosuccinate Synthetase Activity. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 4, pp. 283-285. 1984.

Chemical of Concern: MLN; Habitat: T

Neeraja, P., Mohanachari, V., Indira, K., and Swami, K. S. (1984). Malathion Effect on Sheep Liver Argininosuccinate Synthetase. *Environ.Ecol.* 2: 283-285.

Chemical of Concern: MLN; Habitat: T

Neidert, E. and Saschenbrecker, P. W. (1996). Occurrence of Pesticide Residues in Selected Agricultural Food Commodities Available in Canada. *Journal of aoac international* 79: 549-566.

Chemical of Concern: MLN; Habitat: T

Nellessen, J. E. and Fletcher, J. S. (1993). Assessment of Published Literature Pertaining to the Uptake/Accumulation, Translocation, Adhesion and Biotransformation of Organic Chemicals by Vascular Plants. *Environmental toxicology and chemistry* 12: 2045-2052.

Chemical of Concern: MLN; Habitat: T

Nelson, S. M. and Roline, R. A. (1997). Comparison of Rapid Toxicity Tests with a Standard Acute Test. *Report BR-EE010, Technical Service Center, Bureau of Reclamation, Denver, CO.*: 12 p. (NTIS #PB97-158919).

EcoReference No.: 104626

Chemical of Concern: ZnCl,CuS,24D,MLN,CdN,EDTK; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ZnCl,MLN,24D),LITE EVAL CODED(CuS,CdN) .

Nelson, T. E. and Bertun, K. M. R. (1965). Synergism of Malathion Against the Northern Fowl Mite. *J.Econ.Entomol.* 58: 1117-1118.

EcoReference No.: 93269

Chemical of Concern: MLN,TBF; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TARGET-MLN),NO MIXTURE(TBF).

Nepomnyashchikh, V. A., Delonay, A. J., and Little, E. E. (Behavioral Studies of Contaminant Effects on Aquatic Invertebrates a Review of Russian Investigations. *Bengtson, d. A. And d. S. Henshel (ed.). Astm stp, 1306. Environmental toxicology and risk assessment: biomarkers and risk assessment, fifth volume; symposium, denver, colorado, usa, april 3-5, 1995. Xiii+476p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2031-1.; 0 (1306). 1996. 323-343.*

Chemical of Concern: MLN; Habitat: A

NERAC, Inc., Tolland, CT (USA) (1993). Malathion Toxicity. (Latest Citations From the Life Sciences Collection Database). Published Search.

Chemical of Concern: MLN; Habitat: A

Nerin, C., Tornes, A. R., Domeno, C., and Cacho, J. (1996). Absorption of Pesticides on Plastic Films Used as Agricultural Soil Covers. *Journal of agricultural and food chemistry* 44: 4009-4014.

Chemical of Concern: MLN; Habitat: AT

Netrawali, M. S., Gandhi, S. R., and Pednekar, M. D. (1986). Effect of Endosulfan, Malathion, and Permethrin on Sexual Life Cycle of Chlamydomonas reinhardtii. *Bull.EnvIRON.Contam.Toxicol.* 36: 412-420.

EcoReference No.: 11726

Chemical of Concern: MLN,PMR,ES; Habitat: A; Effect Codes: REP; Code: NO ENDPOINT(MLN,PMR,ES).

Neuhold, J. M. (1987). The Relationship of Life History Attributes to Toxicant Tolerance in Fishes. *Environ toxicol chem* 6: 709-716.

Chemical of Concern: MLN; Habitat: A

Neumeyer, J. L. (1981). Pesticides - 1. Foye, w. O. (Ed.). *Principles of medicinal chemistry, 2nd edition*. Xiii+931p. Lea and febiger: philadelphia, pa., Usa. Illus. Isbn 0-8121-0722-5. 0: P817-836.

Chemical of Concern: MLO; Habitat: AT

Ng, W., Teo, M., and Lakso, H. A. (1999). Determination of Organophosphorus Pesticides in Soil by Headspace Solid-Phase Microextraction. *Fresenius' journal of analytical chemistry* 363: 673-679.

Chemical of Concern: MLN; Habitat: AT

Ngugi, G. and Mbaria, G. (Sustainability in Agricultural Development: Evaluation of Environmental Impacts of Large-Scale Coffee Enterprises in Kiambaa Division, Central Kenya. *International journal of environmental health research*; 5 (1). 1995. 7-17. Ab - biosis copyright: biol abs. This paper presents crucial highlights of a study carried out to assess the sustainability of large-scale coffee production in kiambaa division of central kenya. The result show that to maintain, and probably increase on the 1991 average production of 140 metric tonnes requires the application of massive quantities of increasingly expensive fertilizers and potent biocides. Secondly, the acquisition of success and attainment of abnormal profits in the estates demand lowly-paid labour (mean, ksh 770 or us \$11 per month). The effects are a poisoned environment on one hand and severely exploited employees who, out of the sheer need for survival, have to live and work within this environment. The paper recommends a re-assessment of land acquisition policies to enable widespread participation of the local population in multi-crop farming and a review of agricultural policies to provide stipulations on what agricultural production practices ought to be adopted in different eco.

Chemical of Concern: MLN; Habitat: T

Nguyen, L. T. H., Janssen, C. R., and Volckaert, F. A. M. (1999). Susceptibility of Embryonic and Larval African Catfish (*Clarias gariepinus*) to Toxicants. *Bull.Environ.Contam.Toxicol.* 62: 230-237.

EcoReference No.: 20030

Chemical of Concern: MLN,CuS,NaPCP,Cr,Cd; Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(CuS,NaPCP),NO ENDPOINT(MLN),OK(Cr,Cd).

Nielsen, J. B., Nielsen, F., SØash, and Rensen, J. A. (Defense Against Dermal Exposures Is Only Skin Deep: Significantly Increased Penetration Through Slightly Damaged Skin. *Arch dermatol res.* 2007, nov; 299(9):423-31. [Archives for dermatological research. Archiv fur dermatologische forschung]: Arch Dermatol Res.

Chemical of Concern: MLN; Habitat: T

Niessner, G., Buchberger, W., and Bonn, G. K. (1996). Rapid Multiresidue Screening Method for the Determination of Pesticides in Plant Materials. *Journal of chromatography a* 737: 215-222.

Chemical of Concern: MLN; Habitat: AT

Nigg, H. N., Reinert, J. A., Stamper, J. H., and Fitzpatrick, G. E. (1981). Disappearance of Acephate, Methamidophos, and Malathion from Citrus Foliage. *Bull.Environ.Contam.Toxicol.* 26: 267-272.

EcoReference No.: 88588

Chemical of Concern: MTM,MLN,ACP; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(MTM,MLN,ACP).

Nikulina, S. S. and Sokolskaya, N. P. (1975). Influence of Some Pesticides on Ontogenesis of Carp. *Veterinariya (Mosc.)* 7:94-95 (RUS); *Pestab*: 0271 (1976).

EcoReference No.: 6287

Chemical of Concern: DDVP,MLN,PHSL; Habitat: A; Code: NO FOREIGN,NO CONTROL(DDVP,MLN,PHSL).

Nishimura, M. (1999). Repellents and Use of Prey Items for Delivering Toxicants for Control of Habu (Trimeresurus Flavoviridis). In: G.H.Rodda, Y.Sawai, D.Chiszar, and H.Tanaka (Eds.), *Problem Snake Management: The Habu and the Brown Treesnake*, Cornell Univ.Press, Ithaca, NY 158-167.

Chemical of Concern: MLN,CBF,CPY,BTY,EPTC; Habitat: T

Nishio, A. and Uyeki, E. M. (Induction of Sister Chromatid Exchanges in Chinese Hamster Ovary Cells by Organophosphate Insecticides and Their Oxygen Analogs. *J toxicol environ health*. 1981 nov-dec; 8(5-6):939-46. [*Journal of toxicology and environmental health*]: *J Toxicol Environ Health*.

Chemical of Concern: MLO; Habitat: T

Nishiuchi, Y. (1979). Toxicity of Pesticides to Animals in Freshwater. LXII. *The Aquiculture (Suisan Zoshoku)* 27: 119-124 (JPN).

EcoReference No.: 6956

Chemical of Concern: MLN,NaPCP,Ag; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Nishiuchi, Y. (1972). Toxicity of Pesticides to Some Water Organisms. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 12: 122-128 (JPN) (ENG TRANSL).

EcoReference No.: 10258

Chemical of Concern:

3CE,AC,AMTL,AMTR,AND,As,ATZ,BMC,BS,Captan,CBL,CPA,CPY,CTN,Cu,DBN,DCPA,DDT,DDV P,DLD,DMB,DMT,DPA,DSMA,DU,DZ,EDB,EDC,EN,EPTC,ES,ETN,Fe,FLAC,FML,FNT,FNTH,HCC H,Hg,HPT,LNR,MCAP,MCPB,MCPPI,MDT,MLN,MOM,MP,MTAS,NALED,Ni,NTCN,OPHP,Pb,PCB, PCP,PCZ,PEB,PHMD,PHSL,PHTH,PMT,PNB,PPX,PPZ,PRN,PSM,PYN,SFL,SID,STREP,SZ,TBC,TFN, THM,TPE,TPH,TPM,TRN,Zn; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS)//NO RESIDUE.

Nishiuchi, Y. and Asano, K. (1981). Comparison of Pesticide Susceptibility of Colored Carp with Japanese Common Carp. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 21: 61-63 (JPN) (ENG ABS).

EcoReference No.: 15570

Chemical of Concern: PSM,ETN,DZ,NaPCP,FNT,MLN,CBL; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

Nishiuchi, Y. and Asano, K. (1979). Toxicity of Agricultural Chemicals to Some Freshwater Organisms - 59. *The Aquiculture (Suisan Zoshoku)* 27: 48-55 (JPN) (ENG TRANSL).

EcoReference No.: 6954

Chemical of Concern:

ACP,ACR,ATZ,BMC,BT,Captan,CPY,CTN,Cu,CuOH,CuS,DMT,DU,DZ,Folpet,HCCH,LNR,MAL,MDT ,MLN,MOM,PCP,PEB,PHMD,PMT,PNB,PPG,PQT,PSM,QOC,TBC,TFN,RTN,CuCl,PPZ,Zn,Ni,As,DCB ; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,BMC,CTN,QOC,Captan,Folpet,ATZ),OK(ALL CHEMS).

Nishiuchi, Y. and Hashimoto, Y. (1967). Toxicity of Pesticide Ingredients to Some Fresh Water Organisms. *Sci.Pest Control (Botyu-Kagaku)* 32: 5-11 (JPN) (ENG ABS) (Author Communication Used).

EcoReference No.: 15192

Chemical of Concern:

ATZ,Captan,CBL,CTN,DBN,DMB,DMT,DU,DZ,HCCH,LNR,MLN,MP,PMT,PSM,SZ,24DXY,MCPB,N

aPCP,PPZ,ZIRAM,PRN,ETN,DDT,DLD,MCPA; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,Captan,CTN),OK(ALL CHEMS).

Nishiuchi, Y. and Hashimoto, Y. (1969). Toxicity of Pesticides to Some Fresh Water Organisms. *Rev.Plant Prot.Res.* 2: 137-139.

EcoReference No.: 2682

Chemical of Concern: DDT,HCCH,PRN,MCPA,MLN,SZ,Captan,Ziram,24DXY,PPN,ATZ,NaPCP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Nobel, A. (1993). Partition Coefficients N Octanol Water for Pesticides. *J chromatogr* 642: 3-14.

Chemical of Concern: MLN; Habitat: A

Noetzel, D., Ricard, M., and Heuser, L. (1992). Grasshopper Control in Conservation Reserve Program Land, 1991. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 185-186.

EcoReference No.: 79759

Chemical of Concern: MLN,ACP,EFV,CBL,CBF,CPY; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(EFV),OK(ALL CHEMS),TARGET(MLN,ACP,CBL).

Noetzel, D., Ricard, M., Heuser, L., and Rustad, D. (1992). Grasshopper Control in Conservation Reserve Program Land; Insecticide Comparisons, 1990. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 178.

EcoReference No.: 79758

Chemical of Concern: CYH,MP,EFV,DMT,CYF,CBL,ACP,CBF,CPY,BFT,MLN; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,EFV,CYF,BFT,ACP,CBL,MP).

Noetzel, D. and Sheets, B. (1992). Foliar Insect Control in Dry Navy Bean, 1991. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 185.

EcoReference No.: 79806

Chemical of Concern: CBF,CBL,MP,CPY,DMT,CYF,MLN,MXC,CYH; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,CYF,CBL,MP).

Noetzel, D. and Sheets, B. (1992). Foliar Insect Control in Lupine, 1989. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 347-348.

EcoReference No.: 79804

Chemical of Concern: ES,EFV,MLN,DMT,CYH,CPY,CBF; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,EFV).

Noetzel, D. M. and Holder, B. (1994). Aphid Control in Headed Spring Wheat, Crookston, MN, 1993. *Arthropod Manag.Tests* 19: 291-292 (156F).

EcoReference No.: 89094

Chemical of Concern: DMT,MP,MLN,DS,CPY; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),TARGET(MLN,MP).

Noetzel, D. M. and Nygaard, C. (1987). Flea Beetle Control in Canola, 1985. *Insectic.Acaric.Tests* 12: 181 (No. 212).

EcoReference No.: 88715

Chemical of Concern: CBF,CBL,PRT,ES,FNV,MLN; Habitat: T; Effect Codes: POP; Code: OK(ALL

CHEMS),OK TARGET(CBL,MLN).

Nohara, S., Hanazato, T., and Iwakuma, T. (1997). Pesticide Residue Flux From Rainwater Into Lake Nakanuma in the Rainy Season. *Japanese journal of limnology* 58: 385-393.

Chemical of Concern: MLN; Habitat: A

Nomeir, Amin A. and Dauterman, Walter C. (1978). In Vitro Degradation of Malathion by Mouse Liver. *Biochemical Pharmacology* 27: 2975-2976.

Chemical of Concern: MLN; Habitat: T

Nord, J. C. (1990). Toxicities of Insecticide Residues on Loblolly Pine Foliage to Leaf-footed Pine Seed Bug Adults (Heteroptera: Coreidae). *J.Entomol.Sci.* 25: 3-9.

EcoReference No.: 64390

Chemical of Concern: MOM,FNV,DM,AZ,PRM,PSM,FNT,PPX,TCF,MLN,CPYM,CPY,DMT; Habitat: T; Effect Codes: MOR; Code: OK TARGET(DMT,MLN,AZ),TARGET(MOM).

Norland, R. L., Mulla, M. S., Pelsue, F. W., and Ikeshoji, T. (1974). Conventional and New Insecticides for the Control of Chironomid Midges. *Proc.Ann.Conf.Calif.Mosq.Control Assoc.* 42: 181-183.

EcoReference No.: 5817

Chemical of Concern: AZM,HCCH,DZ,MLN,ETN,AZ,MOM; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MOM,MLN),NO CONTROL(DZ,BRSM,RSM,AZ).

Norment, B. R. and Chambers, H. W. (1970). Joint Actions in Organophosphorus Poisoning in Boll Weevils. *J.Econ.Entomol.* 63: 499-502.

EcoReference No.: 92832

Chemical of Concern: AZ,MP,MLN,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(TBF),TARGET(AZ,MP,MLN).

Norment, B. R. and Chambers, H. W. (1970). Temperature Relationships in Organophosphorus Poisoning in Boll Weevils. *J.Econ.Entomol.* 63: 502-504.

EcoReference No.: 93245

Chemical of Concern: MP,AZ,MLN,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(TBF),TARGET(MP,AZ,MLN).

Nowicki, T. W. (1980). Cleanup Procedure for Determination of Five Organophosphates in Rapeseed Extract. *Can.Plains Proc.* 9: 65-75.

Chemical of Concern: DS,CPY,MLN,DMT; Habitat: T; Code: NO IN VITRO(DS,MLN,CPY,DMT).

Ntiforo, C. and Stein, M. (1974). Organophosphorus Compounds and Carbamates as Perilysosomal Modifiers. *Chem.-Biol.Interact.* 9: 45-55.

EcoReference No.: 90204

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1992). Chemical Analysis. *Water environ res* 64: 303-333.

Chemical of Concern: MLN; Habitat: AT

Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1990). Organics. *Res j water pollut control fed* 62: 359-383.

Chemical of Concern: MLN; Habitat: T

Nunes, G. S. and Barcelo, D. (1998). Electrochemical Biosensors for Pesticide Determination in Food Samples. *Analusis* 26: M156-m159.

Chemical of Concern: MLN; Habitat: AT

O'Brien, R. D. (1957). The Effect of Malathion and Its Isomer on Carbohydrate Metabolism of the Mouse, Cockroach and House Fly. *J.Econ.Entomol.* 50: 79-84.

Chemical of Concern: MLN; Habitat: T; Code: NO IN VITRO(MLN).

O'Brien, R. D. (1956). The Inhibition of Cholinesterase and Succinoxidase by Malathion and Its Isomer. *J.Econ.Entomol.* 49: 484.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

O'Brien, R. D. (1963). Organophosphates and Carbamates. In: R.M.Hochster and J.H.Quastel (Eds.), *Metabolic Inhibitors: A Comprehensive Treatise, Volume II*, Acad.Press Inc., New York, NY 205-241.

Chemical of Concern: DZ,PRN,DMT,MLN; Habitat: T

O'brien, R. D. (Phosphorylation and Carbamylation of Cholinesterase. *Ann. N. Y. Acad. Sci.*; 160(1), 204-14, 1969; (ref:25) .

Chemical of Concern: MLO; Habitat: AT

O'Brien, R. D. (1961). Selective Toxicity of Insecticides. *Adv.Pest Control Res.* 4: 75-116.

Chemical of Concern: MLN; Habitat: T

O'connor, R. J. and Boone, R. B. (A Retrospective Study of Agricultural Bird Populations in North America. *Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). Ecological indicators, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 1165-1184.*

Chemical of Concern: MLN; Habitat: T

O'malley, M. (1997). Clinical Evaluation of Pesticide Exposure and Poisonings. *Lancet (north american edition)* 349: 1161-1166.

Chemical of Concern: MLN; Habitat: T

O'Neill, H. J., Pollock, T. L., Brun, G. L., Doull, J. A., Leger, D. A., and Bailey, H. S. (1992). Toxic Chemical Survey of Municipal Drinking Water Sources in Atlantic Canada 1985-1988. *Water pollut res j can* 27: 715-732.

Chemical of Concern: MLN; Habitat: A

Obst, U. (1991). Dechema Congress on Biotechnology Frankfurt Am Main Germany May 1990. *Z wasser-abwasser- forsch* 24: 1-45.

Chemical of Concern: MLO; Habitat: AT

Oehler, D. D., Eschle, J. L., Miller, J. A., Claborn, H. V., and Ivey, M. C. (1969). Residues in Milk Resulting from Ultra-low-Volume Sprays of Malathion, Methoxychlor, Coumaphos, Ronnel, or Gardona for Control of the Horn Fly. *J.Econ.Entomol.* 62: 1481-1483.

EcoReference No.: 101202

Chemical of Concern: TVP,CMPH,MLN,MXC; Habitat: T; Effect Codes: ACC; Code: NO
ENDPOINT(CMPH,TVP,MLN).

Oehme, F. W. and Barrett, D. S. (1986). Veterinary Gastrointestinal Toxicology. *K.Rozman and O.Hanninen (Eds.), Gastrointestinal Toxicology, Elsevier Sci.Publ.B.V., Amsterdam, Netherlands, (Dist.In the USA and Canada) by Elsevier Sci.Publ.Co.Inc., New York, NY* 464-513.

Chemical of Concern: 24D,MLN,DDVP,DZ,PRT,PRN,CBL,CBF,PAQT; Habitat: T; Code: NO
REVIEW.

Oehme, F. W. and Barrett, D. S. (1986). Veterinary Gastrointestinal Toxicology. *Rozman, k. And o. Hanninen (ed.). Gastrointestinal toxicology. Xxiv+606p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co. Inc.: New york, new york, usa). Illus. Isbn 0-444-90424-7. 0: 464-513.*

Chemical of Concern: MLN; Habitat: T

Ogunseitan, O. A. and Odeyemi, O. (1985). Effects of Lindane, Captan and Malathion on Nitrification, Sulphur Oxidation, Phosphate Solubilisation and Respiration in a Tropical Soil. *Environmental Pollution Series A, Ecological and Biological* 37: 343-354.

Chemical of Concern: MLN; Habitat: T

Oh-Shin, Y. S., Ko, M., and Shin, H. S. (1997). Simultaneous Quantification of Insecticides Including Carbaryl in Drinking Water by Gas Chromatography Using Dual Electron-Capture and Nitrogen-Phosphorus Detection. *Journal of chromatography a* 769: 285-291.

Chemical of Concern: MLN; Habitat: A

Ohno, Koichi, Minami, Takehiro, Matsui, Yoshihiko, and Magara, Yasumoto (2008). Effects of chlorine on organophosphorus pesticides adsorbed on activated carbon: Desorption and oxon formation. *Water Research* 42: 1753-1759.

Chemical of Concern: MLN; Habitat: A

Ohta, T., Watanabe, M., Tsukamoto, R., Shirasu, Y., and Kada, T. (1986). Antimutagenic Effects of 5 Fluorouracil and 5 Fluorodeoxyuridine on Uv-Induced Mutagenesis in Escherichia-Coli. *Mutat res* 173: 19-24.

Chemical of Concern: MLN; Habitat: T

Ojha, S., Norton, S. P., Shrivastava, N., and Jain, S. (1992). Toxic Effect of Malathion on the Reproductive System of Albino Rats. *Environ.Ecol.* 10: 833-836.

EcoReference No.: 88949

Chemical of Concern: MLN; Habitat: T; Effect Codes: REP,MOR,GRO,PHY,CEL,BEH; Code: NO
CONTROL(MLN).

Okumura, D., Melnicoe, R., Jackson, T., Drefs, C., Maddy, K., and Wells, J. (1991). Pesticide Residues in Food Crops Analyzed by the California Usa Department of Food and Agriculture in 1989. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 87-152.*

Chemical of Concern: MLN; Habitat: T

Okwelogu, T. N. (1968). The Toxicity of Malathion Applied to Washed Concrete. *J.Stored Prod.Res.* 4: 259-260.

EcoReference No.: 90663

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN).

Olgun, Selen, Gogal, Jr. Robert M., Adeshina, Femi, Choudhury, Harlal, and Misra, Hara P. (2004). Pesticide Mixtures Potentiate the Toxicity in Murine Thymocytes. *Toxicology* 196: 181-195.

Chemical of Concern: MLN; Habitat: T

Oliver, L. D. and Mckone, T. E. (Fugacity Approach for Modeling the Transport of Airborne Organic Chemicals in an Air/Plant/Soil System. *Govt reports announcements & index (gra&i), issue 22, 2093.*

Chemical of Concern: MLN; Habitat: T

Ombir, R. C., Batra, G. R., and Khokhar, K. S. (1989). Instant and Effective Chemical Control of Gram Cutworm on Chickpea. *Pesticides (Bombay)* 23: 42-44.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Omura, M., Hashimoto, K., Ohta, K., Iio, T., Ueda, S., Ando, K., Fujiu, Y., Hiraide, H., and Kinae, N. (1991). Effective Application of the Relative Retention Time Diagram for Gas Chromatographic Analysis of Pesticides. *J agric food chem* 39: 2200-2205.

Chemical of Concern: MLN; Habitat: AT

Onodera, S., Hirose, Y., Ishikura, S., and Suzuki, S. (1987). Production of Mutagens by the Treatment With Chlorine of Organophosphorus Pesticides Opp in Dilute Aqueous Solution. *Joint japan-usa congress of pharmaceutical sciences, honolulu, hawaii, usa, december 2-7, 1987. J pharm sci* 76: S131.

Chemical of Concern: MLN; Habitat: AT

Onodera, S., Ishikura, S., Kagawa, Y., and Tanaka, K. (Chemical Reactions of Organic Compounds in Water Treated With Chlorine. 1. Formation of the P-O Analogues From the P-S Type of Organophosphorus Pesticides. *Eisei kagaku (j. Hyg. Chem.)* 22(4): 196-205 1976..

Chemical of Concern: MLO; Habitat: A

Oomen, P. A., Romeijn, G., and Wiegiers, G. L. (1991). Side-Effects of 100 Pesticides on the Predatory Mite *Phytoseiulus persimilis*, Collected and Evaluated According to the EPPO Guideline. *Bull.Org.Eur.Medit.Prot.Plant* 21: 701-712.

EcoReference No.: 99162

Chemical of Concern:

TVP,CTN,FRM,FTF,Folpet,IPD,MZB,Maneb,PCZ,SFR,THM,TFR,VCZ,ATZ,BMC,24D,GFSNH,GYP,S Z,DCF,ES,FYC,HTX,MLN,MOM,MVP,OML,PMR,TFR,CBL,ACP,AZ,BFT,CPY,CYR,DU,DMT,DCF,D Z,DM,BMN,FZFB,MTSM,CQTC,ABM,AMZ,BPZ,CHX,CYP; Habitat: T; Effect Codes: REP; Code: NO

ENDPOINT(TVP,CTN,FRM,Folpet,IPD,MZB,Maneb,PCZ,SFR,THM,VCZ,ATZ,BMC,24D,GFSNH,GYP

,SZ,DCF,ES,DM,DCF,
ES,FYC,HTX,MLN,MOM,MVP,OML,MP,PMR,TFR,CBL,ACP,AZ,BFT,CPY,CYR,DZ,DMT,DU,ES,FT
F),TARGET(OML,DCF).

Ortego, F. and Bowers, W. S. (1996). Induction of Autotomy in the American Bird Grasshopper *Schistocerca americana* (Drury) by the Ecdysone Agonist RH-5849 and Investigation of Its Mode of Action. *Experientia* 52: 42-50.

EcoReference No.: 83211
Chemical of Concern: 4AP,DCF,AND,ES,TXP,HCCH,MLN,PRN,SBDA,CBL,CBF,ALD ; Habitat: T; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(4AP),OK(ALL CHEMS),TARGET(MLN,CBL).

Osaba, L., Aguirre, A., Alonso, A., and Graf, U. (1999). Genotoxicity Testing of Six Insecticides in Two Crosses of the *Drosophila* Wing Spot Test. *Mutat.Res.* 439: 49-61.

EcoReference No.: 93197
Chemical of Concern: DMBA,PAH,NSO,DLD,MLN,PPB,EN,DMT; Habitat: T; Effect Codes: CEL; Code: NO COC(ANT,PMR),OK TARGET(DMT,MLN),OK(PPB) .

Osborne, B. G., Barrett, G. M., Laal-Khoshab, A. , and Willis, K. H. (1989). The Occurrence of Pesticide Residues in Uk Home-Grown and Imported Wheat. *Pestic sci* 27: 103-109.

Chemical of Concern: MLN; Habitat: T

Oseid, D. and Smith, L. L. Jr. (1972). Swimming Endurance and Resistance to Copper and Malathion of Bluegills Treated by Long-Term Exposure to Sublethal Levels of Hydrogen Sulfide. *Trans.Am.Fish.Soc.* 101: 620-625.

EcoReference No.: 9164
Chemical of Concern: CuS,MLN; Habitat: A; Effect Codes: BEH,GRO,MOR,PHY; Code: NO CONTROL,ENDPOINT(MLN,CuS).

Osman, N. and Fong, A. W. (1988). (Toxicity of Insecticides Towards Larval *Corcyra Cepalonica* St.). *PERTANIK*A. Vol. 11, no. 2, pp. 195-201. 1988.

Chemical of Concern: MLN; Habitat: AT

Osselton, M. D. and Snelling, R. D. (1986). Chromatographic Identification of Pesticides. *J chromatogr* 368: 265-272.

Chemical of Concern: MLN; Habitat: AT

Osterdahl, B. G. (1999). Analysis of Pesticide Residues in Fruit and Vegetables After Cleanup With Solid-Phase Extraction Using Env+ (Polystyrene-Divinylbenzene) Cartridges. Au - Pihlstrom T. *Journal of agricultural and food chemistry* 47: 2549-2552.

Chemical of Concern: MLN; Habitat: T

Ostrea, E. M. Jr, Bielawski, D. M., Posecion, N. C. Jr, Corrion, M., Villanueva-Uy, E., Jin, Y., Janisse, J. J., and Ager, J. W. (A Comparison of Infant Hair, Cord Blood and Meconium Analysis to Detect Fetal Exposure to Environmental Pesticides. *Environ res.* 2008, feb; 106(2):277-83. [*Environmental research*]: *Environ Res.*

Chemical of Concern: MLN; Habitat: T

Ouye, M. T. (An Overview of Post Harvest Insect Research Performed by Usa Department of Agriculture Agricultural Research Service Laboratories. Baur, f. J. (Ed.). *Insect management for food storage and processing*. Xv+384p. American association of cereal chemists: st. Paul, minn., Usa. Illus. Isbn 0-913250-38-4.; 0 (0). 1984 (recd. 1985). 203-224.

Chemical of Concern: MLN; Habitat: T

Overmyer, J. P., Armbrust, K. L., and Noblet, R. (2003). Susceptibility of Black Fly Larvae (Diptera: Simuliidae) to Lawn-Care Insecticides Individually and as Mixtures. *Environ.Toxicol.Chem.* 22: 1582-1588.

EcoReference No.: 71060

Chemical of Concern: CPY,CBL,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,CBL).

Overmyer, J. P. and Noblet, R. (2003). Influences of a Laboratory Diet and Natural Seston on the Bioavailability of Carbaryl, Chlorpyrifos, and Malathion to Black Fly Larvae (Diptera: Simuliidae) in an Acute Toxicity Test. *Arch.Environ.Contam.Toxicol.* 45: 209-215.

EcoReference No.: 71063

Chemical of Concern: CPY,CBL,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,CBL).

Ozaki, K. and Kassai, T. (1971). Cross Resistance to Insecticides in Malathion- and Fenitrothion-Resistant Strains of the Smaller Brown Planthopper, *Laodelphax striatellus*. *Bochu Kagaku* 36: 111-116.

Chemical of Concern: DS,FNT,MLN; Habitat: T; Code: TARGET (DS,MLN,FNT).

Ozelmas, U. and Akay, M. T. (1995). Histopathological Investigations of the Effects of Malathion on Dwarf Lizards (*Lacerta parva*, Boulenger 1887). *Bull.Environ.Contam.Toxicol.* 55: 730-737.

EcoReference No.: 88966

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM,GRO,CEL; Code: NO ENDPOINT(MLN).

Ozretic, B. and Krajnovic-Ozretic, M. (1992). Esterase Heterogeneity in Mussel *Mytilus Galloprovincialis*: Effects of Organophosphate and Carbamate Pesticides in Vitro. *Comp biochem physiol c comp pharmacol toxicol* 103: 221-225.

Chemical of Concern: MLN; Habitat: A

Paddle, B. M. (1996). Biosensors for Chemical and Biological Agents of Defence Interest. *Biosensors & bioelectronics* 11: 1079-1113.

Chemical of Concern: MLN; Habitat: T

Padilla, S., Sung, H.-J., and Moser, V. C. (2004). Further Assessment of an In Vitro Screen that may Help Identify Organophosphorus Pesticides that are more Acutely Toxic to the Young. *J.Toxicol.Environ.Health Part A* 67: 1477-1489.

EcoReference No.: 88968

Chemical of Concern: MLO,DZ,CPY,MTM; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(DZ,MLO),NO REVIEW(CPY,MTM).

Padki, P. R. and Narasubhai, A. V. (1993). Changes in the Metabolic Fuel Reserves in the Fat Body of Fifth Instar Eri Silkworm, *Philosamia ricini* Larvae Following Malathion Treatment. *J.Anim.Morphol.Physiol.* 40: 15-18.

EcoReference No.: 82955

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Code: TARGET MLN.

Paez, D. M. and Farah, M. (Rapid Method for the Identification of Organophosphate Components in Blood Using Thin Layer Chromatography. *Rev asoc bioquim argent*; 36 (194-195). 1971 (recd 1972) 127-131.

Chemical of Concern: MLO; Habitat: AT

Pal, A. K. and Kushwah, H. S. (1997). Effect of Malathion Dipping on Ascorbic Acid and Cholesterol Content in Adrenal Gland of Poultry Birds. *Indian Vet.Med.J.* 21: 312-313.

EcoReference No.: 89032

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Pal, Tarasankar, Griffin, Guy D., Miller, Gordon H., Watson, Annetta P., Daugherty, Mary Lou, and Vo-Dinh, Tuan (1993). Permeation Measurements of Chemical Agent Simulants Through Protective Clothing Materials. *Journal of Hazardous Materials* 33: 123-141.

Chemical of Concern: MLN; Habitat: T

Pala, I., Vig, P. Js, Desai, D., and Srinivasan, A. (1991). In Vitro Effects of Organophosphorus Compounds on Calmodulin Activity. *J appl toxicol* 11: 391-396.

Chemical of Concern: MLN; Habitat: AT

Palanichamy, S., Baskaran, P., and Balasubramanian, M. P. (1986). Sublethal Effects of Selected Pesticides on Protein, Carbohydrate and Lipid Content of Different Tissues of *Oreochromis mossambicus*. In: S.C.Goel (Ed.), *Insect and Environment, Pesticide Residues and Environmental Pollution, Natl.Symp., Oct.2-4, 1985, Muzaffarnagar, India, Sanatan Dharm Coll., Muzaffarnagar, India* 2: 97-102.

EcoReference No.: 89482

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN,ES).

Palmgren, M. S. and Lee, T. C. (1984). Malathion and Diazinon Levels in Grain Dust From New Orleans Area Grain Elevators. *American Industrial Hygiene Association Journal [AM. IND. HYG. ASSOC. J.]*. Vol. 45, no. 3, pp. 168-171. 1984.

Chemical of Concern: MLN; Habitat: T

Pan, D. Y. and Liang, X. M. (1993). Safety Study of Pesticides on Bog Frog, a Predatory Natural Enemy of Pest in Paddy Field. *J.Hunan Agricult.Coll.* 19: 47-54 (CHI) (ENG ABS).

EcoReference No.: 16056

Chemical of Concern:

FNT,ANZ,DDVP,DLD,24DXY,CBF,CPY,CTN,DMT,DZ,HCCH,MLN,MLT,MP,MTM,PMT,TBC,DM,E
FV,BPZ,PPN,OMT,PCH,FPP,NaPCP,CaPS,OMT,Zn,DDT,Zineb,PPHD,FNV,CYH,BTC,TDF,Ni,SFR,ES,
TCF,CBD,BMY; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT,NO
CONTROL(CPY,CBF),NO
CONTROL(24DXY,DZ,MTM,SFR,DDVP,ES,TCF,FNT,CBD,BMY,PPN,MLN,PMT).

Pan, D. Y. and Liang, X. M. (1993). Safety Study of Pesticides on Bog Frog, a Predatory Natural Enemy of Pest in Paddy Field. *J.Hunan Agricult.Coll.* 19: 47-54 (CHI) (ENG ABS).

EcoReference No.: 16056

Chemical of Concern:

FNT,ANZ,DDVP,DLD,24DXY,CBF,CPY,CTN,DMT,DZ,HCCH,MLN,MLT,MP,MTM,PMT,TBC,DM,E
FV,BPZ,PPN,OMT,PCH,FPP,NaPCP,CaPS,OMT,Zn,DDT,Zineb,PPHD,FNV,CYH,BTC,TDF,Ni;

Habitat: A; Effect Codes: MOR; Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

Pandey, A. K. and Shukla, L. (1983). Antithyroidal Effects of an Organophosphorus Insecticide Malathion in *Sarotherodon mossambicus*. *Int.J.Environ.Stud.* 22: 49-57.

EcoReference No.: 11544

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Pandey, A. K. and Shukla, L. (1982). Effect of an Organophosphorus Insecticide Malathion on the Testicular Histophysiology in *Sarotherodon mossambicus*. *Natl.Acad.Sci.Lett.(India)* 5: 141-142.

EcoReference No.: 11108

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Pandey, G. C. (1995). Kinetics of Organophosphorus Pesticide Inhibition of Acetylcholinesterase (Ec 3.1.1.7) From the Head of *Tryporyza Nivella* (Fabr.) (Lepidoptera: Pyralidae). *Folia biologica (cracow)* 43: 161-165.

Chemical of Concern: MLO; Habitat: T

Pandey, G. C. and Agarwal, R. A. (1982). In Vitro Inhibition of Acetylcholinesterase in the Head and Body Wall of *Tryporyza Nivella* (Fabr.) Following Treatment With Organophosphorus and Carbamate Insecticides. *Entomon. Vol. 7, no. 2, pp. 123-131. 1982.*

Chemical of Concern: MLN; Habitat: T

Pandey, P. K., Thakur, G. K., and Choudhary, B. P. (1988). Effect of Malathion and Metacercarial Infection on Liver Lipofuscin Accumulation of the Air-Breathing Fish *Heteropneustes fossilis*. *Environ.Ecol.* 6: 234-236.

EcoReference No.: 13226

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Pandey, S. K. and Fatma, T. (2004). Toxicological Studies of Pesticides on Cytoplasmic Streaming in *Nitella*. *Indian J.Exp.Biol.* 42: 732-735.

EcoReference No.: 89761

Chemical of Concern: 24DXY,DLD,MLN,MP,ES; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(ALL CHEMS).

Pannell, M., Gilbert, J. D., Gardiner, J., and Byard, R. W. (2001). Death Due to Malathion Poisoning. *Journal of Clinical Forensic Medicine* 8: 156-159.

Chemical of Concern: MLN; Habitat: T

Pant, C. P. and Mathis, H. L. (1973). Residual Effectiveness of ULV Aerosols Against *Aedes aegypti* in Bangkok: A Study of Sumithion and Malathion Applied by a Portable ULV Machine. *Southeast Asian J.Trop.Med.Public Health* 4: 231-237.

EcoReference No.: 103793

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(FNT,MLN).

Panwar, R. S., Kapoor, D., Joshi, H. C., and Gupta, R. A. (1976). Toxicity of Some Insecticides to the Weed Fish, *Trichogaster fasciatus* (Bloch and Schneider). *J.Inl.Fish.Soc.India* 8: 129-130.

EcoReference No.: 7881

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Pap, L. and Farkas, R. (1994). Monitoring of Resistance of Insecticides in House Fly (*Musca domestica*) Populations in Hungary. *Pestic.Sci.* 40: 245-258.

EcoReference No.: 70791

Chemical of Concern:

RSM,DDT,HCCH,MOM,CYP,DM,BRSM,PMR,MLN,TCF,PTP,DFZ,CYR,PYN,PPX; Habitat: T; Effect Codes: MOR,POP; Code: OK TARGET(MOM),TARGET(MLN,CYP,RSM).

Pardo, A., Gea, F. J., Pardo, J., and Navarro, M. J. (1995). Organophosphorus Insecticide Residues in the Cultivated Mushroom, *Agaricus bisporus* (Lange) Imbach. In: T.J.Elliott (Ed.), *Mushroom Science, Volume 14(1/2), Science and Cultivatio of Edible Fungi, Volumes 102, 14th Int.Congr., Sept.17-22, 1995, Oxford, England, UK* 14: 515-524.

EcoReference No.: 89596

Chemical of Concern: DZ,DDVP,MLN,SFT; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(DZ,DDVP,MLN,SFT).

Pareek, B. L. and Kavadia, V. S. (1987). Field Evaluation of Insecticides Against Hadda Beetle, *Henosepilachana vigintioctopunctata* Fabr. Infesting Musk Melon. *Indian J.Plant Prot.* 15: 105-107.

EcoReference No.: 89595

Chemical of Concern: CPY,ETN,PHSL,DCF,CBL,TXP,MLN,ES,DMT; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET(CPY,CBL,MLN,DMT).

Paris, D. F., Lewis, D. L., Barnett, J. T. Jr., and Baughman, G. L. (1975). Microbial Degradation and Accumulation of Pesticides in Aquatic Systems. *EPA-660/3-75-007, U.S.EPA, Corvallis, OR* 46 p.

EcoReference No.: 78294

Chemical of Concern: ATZ,PRN,DZ,Captan,CBL,MLN,24DXY,TXP,MXC; Habitat: A; Effect Codes: GRO; Code: NO ENDPOINT(ALL CHEMS).

Paris, D. F., Lewis, D. L., and Wolfe, N. L. (1975). Rates of Degradation of Malathion by Bacteria Isolated From Aquatic System. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 9, no. 2, pp. 135-138. 1975.

Chemical of Concern: MLN; Habitat: A

Park, K. H., Kim, Y.-S., Chung, E.-Y., Choe, S.-N., and Choo, J.-J. (2004). Cardiac Responses of Pacific Oyster *Crassostrea gigas* to Agents Modulating Cholinergic Function. *Comp.Biochem.Physiol.C* 139: 303-308.

EcoReference No.: 88997

Chemical of Concern: PRN,MLN,DZ; Habitat: A; Effect Codes: PHY,BCM; Code: NO CONTROL(PRN,MLN,DZ).

Parke, D. V., Dharni, M. Si, and Afzal, M. (1997). The Effect of Nutrition on Chemical Toxicity. *Drug metabolism and drug interactions* 13: 161-193.

Chemical of Concern: MLN; Habitat: AT

Parker, P. J-a N and Callaghan, A. (1997). Esterase Activity and Allele Frequency in Field Populations of (*Simulium Equinum* L.) (Diptera: Simuliidae) Exposed to Organophosphate Pollution. *Environmental toxicology and chemistry* 16: 2550-2555.

Chemical of Concern: MLN; Habitat: T

Parker, R. D., Deforest, S., and Netardus, A. (1999). Effectiveness of Insecticides and Cost for Controlling Fall Armyworm in Coastal Bermudagrass Pasture, 1998. *Arthropod Manage.Tests* 24: 345 (G27).

EcoReference No.: 88128

Chemical of Concern: CBL,MLN,TUZ,MOM,MP,PMR; Habitat: T; Effect Codes: POP; Code: OK(MP,PMR,TUZ),TARGET(MLN,MOM,CBL,MP).

Parmelee, R. W., Phillips, C. T., Checkai, R. T., and Bohlen, P. J. (1997). Determining the Effects of Pollutants on Soil Faunal Communities and Trophic Structure Using a Refined Microcosm System. *Environ.Toxicol.Chem.* 16: 1212-1217.

EcoReference No.: 40526

Chemical of Concern: PCB,Cd,MLN,CuS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CuS),NO CONTROL(MLN),OK(DZ,Cd)//No pH=3.9 (EcoSSL)//NO SPECIES(PCB)//.

Parrish, P. R., Dyar, E. E., Lindberg, M. A., Shanika, C. M., and Enos, J. M. (1977). Chronic Toxicity of Methoxychlor, Malathion, and Carbofuran to Sheepshead Minnows (*Cyprinodon Variegatus*). *EPA-600/3-77-059, U.S.EPA, Gulf Breeze, FL* 36 p.(Publ As 5074).

Chemical of Concern: CBF,MLN; Habitat: A

Parry, W. H., Edwards, I. D., and Jenkins, T. A. R. (1989). Chemical Control of Sycamore Aphid, *Drepanosiphum platanoidis* (Schr.), with Organophosphorous and Soap Insecticides. *Crop Prot.* 8: 30-36.

EcoReference No.: 102036

Chemical of Concern: FAKS,KO,KLRT,FNT,MLN,DMT; Habitat: T; Effect Codes: MOR,POP,BEH; Code: LITE EVAL CODED(KO,FAKS),TARGET(FNT,MLN,DMT),NO CONTROL(KLRT).

Parsons, K. C., Schmidt, S. R., Tarbill, G., and Tucker, K. R. (2005). Sublethal Effects of Exposure to Cholinesterase-Inhibiting Pesticides: Humans and Vertebrate Wildlife. *Final Report, September 2005* 115 p.

EcoReference No.: 102256

Chemical of Concern: DCTP,TMP,DZ,CBF,FNT,MP,MLN,DLD; Habitat: AT; Code: NO REVIEW(ALL CHEMS).

Pasalu, I. C. and Bhatia, S. K. (1974). Laboratory Evaluation of Some Insecticides Against Malathion-Resistant and Susceptible Strains of *Tribolium castaneum*. *Bull.Grain Technol.* 12: 175-179.

Chemical of Concern: DS, MLN; Habitat: T; Code: TARGET (DS,MLN).

Paschal, D. C. and Neville, M. E. (1976). Chemical and Microbial Degradation of Malaoxon in an Illinois Soil. *J. Environ. Qual.* 5(4): 441-443 1976..

Chemical of Concern: MLO; Habitat: AT

Pasha, A., Vijayashankar, Y. N., and Karanth, N. Gk (1996). Thin-Layer Chromatographic Detection of Phosphorothionate and Phosphorothiolothionate Pesticides Using 4-Amino-N,N-Diethylaniline. *Journal of aoac international* 79: 1009-1011.

Chemical of Concern: MLN; Habitat: T

Pass, B. C. and Reed, J. K. (1965). Biology and Control of the Spittlebug *Prosapia bicincta* in Coastal Bermuda Grass. *J.Econ.Entomol.* 58: 275-278.

EcoReference No.: 94002

Chemical of Concern: MVP,PRN,MXC,DDT,EN,ES,AZ,MLN,Naled,CBL; Habitat: T; Effect Codes: POP,GRO,MOR; Code: TARGET(CBL,Naled,MLN,AZ,ES).

Pasteur, N. and Georghiou, G. P. (1989). Improved Filter Paper Test for Detecting and Quantifying Increased Esterase Activity in Organophosphate-Resistant Mosquitoes (Diptera: Culicidae). *J.Econ.Entomol.* 82: 347-353.

EcoReference No.: 100484

Chemical of Concern: MLN,FNTH,TMP,CPY; Habitat: T; Effect Codes: BCM; Code: NO CONTROL(MLN,TMP,CPY).

Patel, B. J. and Kaul, P. L. (1991). Hypercholesterolaemia in Experimental Malathion Toxicity in Kankrej Calves. *Indian J.Anim.Sci.* 61: 1204-1205.

EcoReference No.: 90662

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Pathiratne, A. and George, S. (1996). Effects of in Vivo Induction and Inhibition of Phase 1 and 2 Enzymes on the Toxicity of Malathion to Tilapia. *8th international symposium on pollutant responses in marine organisms, pacific grove, california, usa, april 2-5, 1995. Marine environmental research* 42: 278-279.

Chemical of Concern: MLN; Habitat: A

Patil, A. S. and Bhole, S. R. (1993). Studies on Life History and Chemical Control of Semilooper on Snake Gourd. *J.Maharashtra Agric.Univ.* 18: 229-231.

EcoReference No.: 89403

Chemical of Concern: ES,MLN,DMT,CYP; Habitat: T; Effect Codes: MOR; Code: OK(ES,DMT,CYP),OK TARGET(MLN).

Patil, C. S., Mote, U. N., Pawar, S. A., and Khaire, V. M. (1990). Evaluation of Insecticides Against Agrotis ipsilon on Onion. *Tests Agrochem.Cultiv.* 11: 26-27.

EcoReference No.: 89316

Chemical of Concern: ACP,ES,MP,AND,CBL,MLN,HCCH,MTM; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET,NO CROP(CBL,MLN,MP).

Patil, C. S., Pawar, S. A., Mote, U. N., and Khaire, V. M. (1991). Evaluation of Insecticides Against Flea Beetles on Sorghum. *Tests Agrochem.Cultiv.* 12: 22-23.

EcoReference No.: 89317

Chemical of Concern: ES,MLN,DMT,ACP; Habitat: T; Effect Codes: POP; Code: OK(ES),OK TARGET(MLN,DMT,ACP).

Patil, P. S., Chaudhary, M. V., Gadkari, M. P., and Kulkarni, K. M. (1992). Change in Protease Activity of Fish *Rasbora daniconius* (Ham.) Exposed to Malathion Sublethal Concentration. *Environ.Ecol.* 10: 403-405.

EcoReference No.: 5823

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Patil, T. N., Morton, R. A., and Singh, R. S. (1990). Characterization of 7-Ethoxycoumarin-O-Deethylase From Malathion Resistant and Susceptible Strains of *Drosophila Melanogaster*. *Insect Biochemistry* 20: 91-98.

Chemical of Concern: MLN; Habitat: T

Patsias, J. and Papadopoulou-Mourkidou, E. (1996). Rapid Method for the Analysis of a Variety of Chemical Classes of Pesticides in Surface and Ground Waters by Off-Line Solid-Phase Extraction and Gas Chromatography-Ion Trap Mass Spectrometry. *Journal of chromatography a* 740: 83-98.

Chemical of Concern: MLN; Habitat: A

Patton, T. W. and Dively, G. P. (1999). Control of Cereal Leaf Beetle in Wheat, 1998. *Arthropod Manage.Tests* 24: 323 (F144).

EcoReference No.: 88129

Chemical of Concern: LCYT,MLN,CYF,CBL; Habitat: T; Effect Codes: POP; Code: OK(LCYT,CYF),TARGET(CBL,MLN).

Paul, S. R., Choudhury, A. K., and Dey, S. C. (1992). Effect of Different Containers, Seed Protectants and Periods of Storage on Viability and Vigour of Stored Wheat Seeds. *Seed Res.* 20: 14-17.

EcoReference No.: 91053

Chemical of Concern: HCCH,MLN,Captan; Habitat: T; Effect Codes: REP,PHY; Code: LITE EVAL CODED(Captan),NO MIXTURE(MLN).

Pearce, K. L., Trenerry, V. C., and Were, S. (1997). Supercritical Fluid Extraction of Pesticide Residues From Strawberries. *Journal of agricultural and food chemistry* 45: 153-157.

Chemical of Concern: MLN; Habitat: T

Pearce, N. E., Smith, A. H., Howard, J. K., Sheppard, R. A., Giles, H. J., and Teague, C. A. (1986). Non-Hodgkin's Lymphoma and Exposure to Phenoxyherbicides Chlorophenols Fencing Work and Meat Works Employment a Case-Control Study. *Br j ind med* 43: 75-83.

Chemical of Concern: MLN; Habitat: T

Pechhacker, H. (1974). The Effects of Aerial Chemical Control of Forest Pests on Honeydew Producers and Ants. *Anz.Schadlingskd.Pflanzenschutz Umweltschutz* 47: 42-45 (GER).

EcoReference No.: 104640

Chemical of Concern: MLN; Habitat: T; Code: NO FOREIGN(MLN) .

Pedersen, J. A., Yeager, M. A., and Suffet, I. H. (2006). Organophosphorus Insecticides in Agricultural and Residential Runoff: Field Observations and Implications for Total Maximum Daily Load Development. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 40, no. 7, pp. 2120-2127. 1 Apr 2006.

Chemical of Concern: MLN; Habitat: AT

Pednekar, M. D., Gandhi, S. R., and Netrawali, M. S. (1987). Evaluation of Mutagenic Activities of Endosulfan Phosalone Malathion and Permethrin Before and After Metabolic Activation in the Ames Salmonella Test. *Bull environ contam toxicol* 38: 925-933.

Chemical of Concern: MLN; Habitat: T

Pedrajas, J. R., Peinado, J., and Lopez-Barea, J. (1995). Oxidative Stress in Fish Exposed to Model Xenobiotics. Oxidatively Modified Forms of Cu,Zn-Superoxide Dismutase as Potential Biomarkers. *Chem.-Biol.Interact.* 98: 267-282.

EcoReference No.: 17473

Chemical of Concern: MLN,CuCl; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(CuCl),NO ENDPOINT(MLN).

Peedicayil, J., Ernest, K., Thomas, M., Kanagasabapathy, A. S., and Stephen, P. M. (1991). The Effect of Organophosphorus Compounds on Serum Pseudocholinesterase Levels in a Group of Industrial Workers. *Hum exp toxicol* 10: 275-278.

Chemical of Concern: MLN; Habitat: T

Peiris, H. T. R. and Hemingway, J. (1990). Mechanisms of Insecticide Resistance in a Temephos Selected Culex quinquefasciatus (Diptera: Culicidae) Strain from Sri Lanka. *Bull.Entomol.Res.* 80: 453-457.

EcoReference No.: 101127

Chemical of Concern: TMP,PPX,BDC,MLO; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(TMP,MLO).

Pellenbarg, R. E. and Dotson, D. A. (1986). Degradation of an Organophosphorus Pesticide Synergistic Effects of Aqueous Oxidants and Uv Radiation. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.

Chemical of Concern: MLN; Habitat: AT

Pemberton, J. M. and Wynne, E. C. (1984). Genetic Engineering and Biological Detoxification-Degradation of Insecticides. *Lal, r. (Ed.). Insecticide microbiology. Xvi+268p. Springer-verlag: berlin, west germany* New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 147-168.

Chemical of Concern: MLN; Habitat: T

Pena, C. J. and Medina, J. (1992). Evaluation of Malathion and Paris Green for the Control of Anopheles-Albimanus in a Tourist Area in the Dominican Republic. *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 308.

Chemical of Concern: MLN; Habitat: T

Pennsylvania Academy of Science Usa (1999). 75th Annual Meeting of the Pennsylvania Academy of Science (Pocono Manor, Pennsylvania, Usa; April 9-11, 1999). *Journal of the pennsylvania academy of science* 72: 148-188.

Chemical of Concern: MLN; Habitat: AT

Penttila, P. L. and Siivinen, K. (1996). Control and Intake of Pesticide Residues During 1981-1993 in Finland. *Food additives and contaminants* 13: 609-621.

Chemical of Concern: MLN; Habitat: T

Penuela, G. A. and Barcelo, D. (1998). Photosensitized Degradation of Organic Pollutants in Water: Processes and Analytical Applications. *Trends in analytical chemistry* 17: 605-612.

Chemical of Concern: MLN; Habitat: A

Perez Clavijo M, Plaza Medina M, Sanz Asensio J, and Galban Bernal J (1996). Decay Study of Pesticide Residues in Apple Samples. *Journal of chromatography a* 740: 146-150.

Chemical of Concern: MLN; Habitat: T

Perez-Mendoza, J., Fabrick, J. A., Zhu, K. Y., and Baker, J. E. (2000). Alterations in Esterases are Associated with Malathion Resistance in Habrobracon hebetor (Hymenoptera: Braconidae). *J.Econ.Entomol.* 93: 31-37.

EcoReference No.: 58592

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Perona, M. J. (1992). The Solubility of Hydrophobic Compounds in Aqueous Droplets. *Atmos environ part a gen top* 26: 2549-2553.

Chemical of Concern: MLN; Habitat: T

Perret, M. C., Gerdeau, D., and Riviere, J. L. (1996). Use of Esterase Activities of the Zebra Mussel (*Dreissena polymorpha* Pallas) as a Biomarker of Organophosphate and Carbamate Pesticides Contamination. *Environ.Toxicol.Water Qual.* 11: 307-312 .

EcoReference No.: 86929

Chemical of Concern: ADC,CBF,DDVP,DMT,MLN,TVP,PRN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(ADC).

Perschbacher, P. W. and Sarkar, J. (1989). Toxicity of Selected Organophosphorus Insecticides to the Backswimmer, *Notonecta* sp. *Asian Fish.Sci.* 2: 265-268.

EcoReference No.: 157

Chemical of Concern: MLN,DDVP,FNT,TCF; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Perschbacher, P. W. and Sarkar, J. (1989). Toxicity of Selected Pesticides to the Snakehead, *Channa punctata*. *Asian Fish.Sci.* 2: 249-254.

EcoReference No.: 158

Chemical of Concern: MLN,RTN,FNT,DDVP,DLD; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(RTN),OK(ALL CHEMS),NO CONTROL(MLN).

Peterson, R. H. (1976). Temperature Selection of Juvenile Atlantic Salmon (*Salmo salar*) as Influenced by Various Toxic Substances. *J.Fish.Res.Board Can.* 33: 1722-1730.

EcoReference No.: 5160

Chemical of Concern: Zn,AZ,CBL,CPY,HCCH,HPT,NaPCP,FNT,MLN,Naled,CuS; Habitat: A; Effect Codes: MOR,BEH; Code: NO ENDPOINT(Zn,AZ,CBL,CPY,HCCH,HPT,NaPCP,FNT,MLN,Naled,CuS).

Petreas, M., Brown, M., Mischke, T., Okamoto, H., and Stephens, R. (1992). Environmental Monitoring for Malathion and Co-Products Following Aerial Application in an Urban Area. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Envr319.

Chemical of Concern: MLO; Habitat: T

Pettigrove, V., Korth, W., Thomas, M., and Bowmer, K. H. (1996). The Impact of Pesticides Used in Rice Agriculture on Larval Chironomid Morphology. *CSIRO (Commonwealth Sci.Ind.Res.Org.) Inf.Serv.Branch, Victoria, Australia* 81-88.

Chemical of Concern: MLN,CPY,MLT; Habitat: A; Code: NO COC(GYP),NO MIXTURE(MLN,CPY,MLT).

Pfleege, T. G. and Zobel, D. (1990). Xenobiotic Modification of Competitive Hierarchy in an Annual Plant Community. *75th annual meeting of the ecological society of america on perspectives in ecology: past, present, and future, snowbird, utah, usa, july 29-august 2, 1990. Bull ecol soc am* 71: 284-285.

Chemical of Concern: MLN; Habitat: T

Pflugmacher, J. and Ebing, W. (Elevation of the Elution Behaviour of Some Classes of Pesticides in Gel Chromatography. *J chromatogr*; 151 (2). 1978 171-198.

Chemical of Concern: MLO; Habitat: AT

Picchioni, Albert L., Chin, Lincoln, Verhulst, Henry L., and Dieterle, Brian (1966). Activated Charcoal Vs. "Universal Antidote" as an Antidote for Poisons. *Toxicology and Applied Pharmacology* 8: 447-454.

Chemical of Concern: MLN; Habitat: T

Pickering, Q. H., Henderson, C., and Lemke, A. E. (1962). The Toxicity of Organic Phosphorus Insecticides to Different Species of Warmwater Fishes. *Trans.Am.Fish.Soc.* 91: 175-184.

EcoReference No.: 2893

Chemical of Concern: MP,MLN,AZ,PRN,DZ,DEM; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Pilcher, S. D. and Peairs, F. B. (1986). Control of Rangeland Grasshoppers, Akron, CO, 1985. *Insectic.Acaric.Tests* 11: 316-317 (No. 399).

EcoReference No.: 88671

Chemical of Concern: FNV,ACP,MLN,CBF,CBL; Habitat: T; Effect Codes: POP; Code: OK TARGET(CBL,MLN),OK(FNV,ACP,CBF).

Pimentel, D. (1994). Insect Population Responses to Environmental Stress and Pollutants. *Environmental reviews* 2: 1-15.

Chemical of Concern: MLN; Habitat: T

Pimentel, D. and Burgess, M. (1985). Effects of Single Versus Combinations of Insecticides on the Development of Resistance. *Environ.Entomol.* 14: 582-589.

EcoReference No.: 91058

Chemical of Concern: As,DLD,MOM,MLN,FNV; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(As,DLD,MOM,MLN,FNV).

Pingale, V. S. and Rale, V. B. (1991). Effect of Residual Pesticides on Microflora During Fruit Development in Mangifera Indica, L. *Indian j environ health* 33: 198-202.

Chemical of Concern: MLN; Habitat: T

Piramanayagam, S., Manohar, B. M., and Sundararaj, A. (1996). Pathology of Malathion Toxicity in Rats. *Indian Vet.J.* 73: 734-737.

EcoReference No.: 89104

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,REP; Code: NO ENDPOINT(MLN).

Pitts, J. N Jr (1993). Atmospheric Formation and Fates of Toxic Ambient Air Pollutants. *Occupational medicine (philadelphia)* 8: 621-662.

Chemical of Concern: MLN; Habitat: T

Plapp, F. W., Orchard, R. D., and Morgan, J. W. (1965). Analogs of Parathion and Malathion as Substitute

Insecticides for the Control of Resistant House Flies and the Mosquito *Culex tarsalis*. *J.Econ.Entomol.* 58: 953-956.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Plapp, F. W. Jr. and Tong, H. H. C. (1966). Synergism of Malathion and Parathion Against Resistant Insects: Phosphorus Esters with Synergistic Properties. *J.Econ.Entomol.* 59: 11-15.

EcoReference No.: 93070

Chemical of Concern: PRM,MLN,TBF; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,TBF,PRM).

Plimmer, J. R. and Johnson, W. E. (1991). Pesticide Degradation Products in the Atmosphere. *Somasundaram, I. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 274-284.

Chemical of Concern: MLO; Habitat: AT

Pluth, J. M., O'Neill, J. P., Nicklas, J. A., and Albertini, R. J. (1998). Molecular Bases of Hprt Mutations in Malathion-Treated Human T-Lymphocytes. *Mutation Research [MUTAT. RES.]*. Vol. 397, no. 2, pp. 137-148. 2 Feb 1998.

Chemical of Concern: MLN; Habitat: T

Pocurull, E., Aguilar, C., Borrull, F., and Marce, R. M. (1998). On-Line Coupling of Solid-Phase Extraction to Gas Chromatography With Mass Spectrometric Detection to Determine Pesticides in Water. *Journal of chromatography a* 818: 85-93.

Chemical of Concern: MLN; Habitat: A

Poggi-Varaldo, H. M., Estrada-Vazquez, C., and Rinderknecht-Seijas, N. (1998). Agricultural Wastes. *Water environment research* 70: 601-620.

Chemical of Concern: MLN; Habitat: AT

Pogoda, J. M. and Preston-Martin, S. (1997). Household Pesticides and Risk of Pediatric Brain Tumors. *Environmental health perspectives* 105: 1214-1220.

Chemical of Concern: MLN; Habitat: T

Polec, I., Cieslak, L., Sledzinski, B., and Ksycinska, H. (1998). Simple Syntheses of Malathion and Malaoxon Enantiomers, and Isomalathion Diastereoisomers: Toxicity-Configuration Relationship. *Pestic.Sci.* 53: 165-171.

EcoReference No.: 89354

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,MLO).

Pollard, G. V. (1991). Constraints to Ipm Development and a Strategy for Management of Tomato and Cabbage Pests in Trinidad, West Indies. *Trop pest manage* 37: 59-62.

Chemical of Concern: MLN; Habitat: T

Pollero, R., Goyena, R., Siquiroff, M., and Tumino, R. (1976). Removal of Pesticides in Water of Rio De La Plata. *Bull. Environ. Contam. Toxicol.* Vol. 15, no. 5, pp. 617-622. 1976.

Chemical of Concern: MLN; Habitat: AT

Pols, H. B., Hieltjes, A. Hm, and Kouwe, F. A. (1991). The Occurrence and the Sources of Black List Substances in Two River Basins in the Netherlands. *Iawprc (international association on water pollution research and control) conference on north sea pollution: technical strategies for improvement, amsterdam, netherlands, september 10-14, 1990. Water sci technol* 24: 55-68.

Chemical of Concern: MLN; Habitat: A

Pomerleau, O. F., Burmeister, M., Madden, P., Long, J. C., Swan, G. E., and Kardia, S. L. (Genetic Research on Complex Behaviors: an Examination of Attempts to Identify Genes for Smoking. *Nicotine tob res.* 2007, aug; 9(8):883-901. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]: *Nicotine Tob Res.*

Chemical of Concern: MLN; Habitat: T

Pomerleau, O. F., Pomerleau, C. S., Chu, J., and Kardia, S. L. (Genome-Wide Linkage Analysis for Smoking-Related Regions, With Replication in Two Ethnically Diverse Populations. *Nicotine tob res.* 2007, sep; 9(9):955-8. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]: *Nicotine Tob Res.*

Chemical of Concern: MLN; Habitat: T

Pommer, G. and Lepschy, J. (Studies on the Contents of Winter Wheat and Carrots Produced and Marketed in Various Fashions. *Bayer landwirtsch jahr*; 62 (5). 1985 (recd. 1986). 549-564.

Chemical of Concern: MLO; Habitat: T

Pool, R. A. F. (1977). A Rapid Bioassay for Pesticide Phytotoxicity. *J.Agric.Food Chem.* 25: 1216-1218.

EcoReference No.: 43504

Chemical of Concern: SZ,BMC,CBL,DU,Captan,MLN,TFN,GYP,DCPA,BMY,MANEB; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Poopathi, S., Arunachalam, N., Gopalan, N., Baskaran, G., and Mani, T. R. (2001). Resistance to Malathion in *Culex quinquefasciatus* Say (Diptera: Culicidae) from Madurai, South India. *Insect Sci.Appl.* 21: 251-255.

EcoReference No.: 82047

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: TARGET MLN.

Poorman, A. E. (1973). Effects of Pesticides on *Euglena Gracilis*. I. Growth Studies. *Bull.Environ.Contam.Toxicol.* 10: 25-28.

EcoReference No.: 2756

Chemical of Concern: 24DXY,MLN,AND,DDT,PRN,MXC; Habitat: A; Effect Codes: POP,GRO; Code: NO ENDPOINT(ALL CHEMS).

Pophaly, D. J. and Marwaha, K. K. (1988). Relative Residual Toxicity of Some Insecticides Against *Pyrrilla perpusilla* Walker Infesting Maize. *J.Entomol.Res.(New Delhi)* 12: 12-15.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Popper, R., Andino, K., Bustamante, M., Hernandez, B., and Rodas, L. (1996). Knowledge and Beliefs Regarding Agricultural Pesticides in Rural Guatemala. *Environmental management* 20: 241-248.

Chemical of Concern: MLN; Habitat: T

Pordesimo, A. N. and Barredo, F. C. (1976). Effect of Fungicide and Insecticide Sprays on Mango Fruit Setting and Post-Harvest Rots. *Philipp.Phytopathol.* 12: 51-59.

EcoReference No.: 99156

Chemical of Concern: Zineb,ES,BMY,MZB,CBL,Captan,PSM,MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ES),EFFICACY(PSM,MLN,BMY).

Porteous, A. (1992). Dictionary of Environmental Science and Technology Revised Edition. *Porteous, a. Dictionary of environmental science and technology, revised edition. Xiv+439p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-93544-1.; 0: Xiv+439p.*

Chemical of Concern: MLN; Habitat: AT

Portmann, J. E. (1972). Results of Acute Toxicity Tests with Marine Organisms, Using a Standard Method. In: *M.Ruivo (Ed.), Marine Pollution and Sea Life, FAO, Rome, Italy / Fishing News (Books) Ltd., London, England 212-217 (Author Communication Used).*

EcoReference No.: 9258

Chemical of Concern:

Maneb,Zn,NYP,Fe,Cr,Cu,ACY,MLN,FML,SZ,DDT,PL,PRN,MCRE,HCCH,ATZ,DLD,PAQT,AZ,Hg,DQ T,Br,ES,Ni; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,ATZ,SZ,Cu,Cr),OK(ALL CHEMS),NO CONTROL(MLN,Maneb).

Portmann, J. E. and Wilson, K. W. (1971). The Toxicity of 140 Substances to the Brown Shrimp and Other Marine Animals. *Shellfish Information Leaflet No.22 (2nd Ed.), Ministry of Agric.Fish.Food, Fish.Lab.Burnham-on-Crouch, Essex, and Fish Exp.Station Conway, North Wales 12 p.*

EcoReference No.: 906

Chemical of Concern:

SZ,24DXY,ATZ,AZ,DBN,DMT,MLN,CuS,CrAC,SFL,HgCl2,NYP,Cd,Pb,Maneb,DDT,FML,PRN,EPRN, DLD,DPDP,PAQT,PL,ACY,ES,HCCH,MCRE,Tl; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(AZ,ATZ,SZ,DMT,CuS,CrAC),OK(ALL CHEMS),NO CONTROL(MLN,MZB,Maneb).

Post, G. and Leasure, R. A. (1974). Sublethal Effect of Malathion to Three Salmonid Species. *Bull.EnvIRON.Contam.Toxicol.* 12: 312-319.

EcoReference No.: 5912

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,PHY; Code: NO ENDPOINT(MLN).

Post, G. and Schroeder, T. R. (1971). The Toxicity of Four Insecticides to Four Salmonid Species. *Bull.EnvIRON.Contam.Toxicol.* 6: 144-155.

EcoReference No.: 964

Chemical of Concern: DDT,CBL,EN,MLN; Habitat: A; Effect Codes: PHY,MOR,GRO; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN),OK(DDT,EN).

Potineni, K. (1993). Comparative Efficacy of Conventional and New Insecticides for Control of Citrus Blackfly (*Aleurocanthus woglumi*) (Homoptera: Aleyrodidae). *Indian J.Agric.Sci.* 63: 526-528.

EcoReference No.: 90791

Chemical of Concern: MLN,PPHD,DMT,DFZ,ACP; Habitat: T; Effect Codes: MOR,POP; Code: OK

TARGET(DMT,MLN,ACP).

Pournourmohammadi, Shirin, Ostad, Seyed Nasser, Azizi, Ebrahim, Ghahremani, Mohammad Hossein, Farzami, Bijan, Minaie, Bagher, Larijani, Bagher, and Abdollahi, Mohammad (2006). Effect of Malathion at Subchronic Exposure on Insulin Secretory Response of Rat Isolated Pancreatic Islets: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S164-S165.

Chemical of Concern: MLN; Habitat: T

Powell, J. E., King, E. G. Jr., and Jany, C. S. (1986). Toxicity of Insecticides to Adult *Microplitis croceipes* (Hymenoptera: Braconidae). *J.Econ.Entomol.* 79: 1343-1346.

EcoReference No.: 91911

Chemical of Concern: FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM; Habitat: T; Effect Codes: MOR,GRO; Code: OK TARGET(FNV,MP,CPY,AZ,MLN,PMR).

Prabhakar, Nirmal, Arora, Kavita, Singh, Surinder P., Pandey, Manoj K., Singh, Harpal, and Malhotra, Bansi D. (2007-). Polypyrrole-polyvinyl sulphonate film based disposable nucleic acid biosensor. *Analytica Chimica Acta* 589: 6-13 .

Chemical of Concern: MLN; Habitat: T

Prabhaker, N., Coudriet, D. L., and Toscano, N. C. (1988). Effect of Synergists on Organophosphate and Permethrin Resistance in Sweetpotato Whitefly Homoptera aleyrodidae. *J.Econ.Entomol.* 81: 34-39.

EcoReference No.: 53285

Chemical of Concern: PMR,PPB,PPX,DDT,SPS,MP,MLN; Habitat: T; Effect Codes: MOR; Code: OK(MP,SPS,PMR,DDT),NO MIXTURE(PPB),TARGET(MLN,MP) .

Prabhaker, N., Toscano, N. C., and Coudriet, D. L. (1989). Susceptibility of the Immature and Adult Stages of the Sweetpotato Whitefly (Homoptera: Aleyrodidae) to Selected Insecticides. *J.Econ.Entomol.* 82: 983-988.

EcoReference No.: 89556

Chemical of Concern: MP,SPS,MLN,PMR; Habitat: T; Effect Codes: MOR; Code: OK(SPS),OK TARGET(MP,MLN,PMR).

Prakash, N., Narayana, K., Murthy, G. S., Moudgal, N. R., and Honnegowda (1992). The Effect of Malathion, an Organophosphate, on the Plasma FSH, 17Beta-Estradiol and Progesterone Concentrations and Acetylcholinesterase Activity and Conception in Dairy Cattle. *Vet.Hum.Toxicol.* 34: 116-119.

EcoReference No.: 89139

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,REP; Code: NO DOM(MLN).

Premdas, P. D. and Kendrick, B. (1992). A New System to Bioassay Pesticides Present in the Surface Microlayer Using Floating Propagules of an Aero-Aquatic Hyphomycetous Fungus *Pseudoaegerita matsushimae*. *Environ.Monit.Assess.* 22: 169-180.

EcoReference No.: 88965

Chemical of Concern: PCP,DDT,MXC,TBTO,MLN,Captan; Habitat: A; Effect Codes: POP; Code: NO CONTROL(ALL CHEMS,TARGET-PCP,Captan).

Premkishore, G. and Chandran, M. R. (1988). Effect of DDT and Cythion on the Free Amino Acid Level of the Public Health Fish, *Gambusia affinis*. *Pollut.Res.* 7: 107-109.

EcoReference No.: 3018

Chemical of Concern: MLN,DDT; Habitat: A; Effect Codes: BCM; Code: NO
ENDPOINT(MLN,DDT).

Preston, C., Tardif, F. J., Christopher, J. T., and Powles, S. B. (1996). Multiple Resistance to Dissimilar Herbicide Chemistries in a Biotype of *Lolium rigidum* due to Enhanced Activity of Several Herbicide Degrading Enzymes. *Pestic.Biochem.Physiol.* 54: 123-134.

EcoReference No.: 69605

Chemical of Concern: MLN,TKY,DFP,CSF,SZ,SXD,PPB,ABT; Habitat: T; Effect Codes: MOR,BCM,PHY; Code: LITE EVAL CODED(SZ),OK(ALL CHEMS),NO MIXTURE(MLN).

Prevot, P. and Soyer-Gobillard, M. O. (1985). Effects of the Organophosphorus Insecticide Malathion on the Marine Dinoflagellate *Prorocentrum Micans* E. (Effets Du Malathion, Insecticide Organophosphore, Sur Le Dinoflagelle Marin *Prorocentrum Micans* E.). *Vie Milieu* 35: 15-21 (FRE) (ENG ABS).

Chemical of Concern: MLN; Habitat: A

Price, N. R. (1991). Enzymic Factors in the Resistance of Stored-Product Pests to Insecticides. *638th meeting of the biochemical society, reading, england, uk, april 10-12, 1991. Biochem soc trans* 19: 759-762.

Chemical of Concern: MLN; Habitat: T

Price, N. R. (1988). Insecticide-Insensitive Acetylcholinesterase From a Laboratory Selected and a Field Strain of Housefly (*Musca Domestica*) (L.). *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology* 90: 221-224.

Chemical of Concern: MLO; Habitat: T

Prickett, A. J. (Maintaining Insecticide Susceptibility in Stored-Grain Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 355.

Chemical of Concern: MLN; Habitat: T

Prieto, A., Ettiene, G., Medina, D., Buscema, I., Gonzalez, G., and Araujo, L. (1999). Analysing Organophosphorus Pesticides in Wines Using Graphitized Carbon Black Extraction Cartridges. *Food additives and contaminants* 16: 57-61.

Chemical of Concern: MLN; Habitat: T

Prieto, A., Molero, D., Gonzalez, G., Buscema, I., Ettiene, G., and Medina, D. (2002). Persistence of Methamidophos, Diazinon, and Malathion in Tomatoes. *Bull.EnvIRON.Contam.Toxicol.* 69: 479-485.

EcoReference No.: 89040

Chemical of Concern: MTM,DZ,MLN; Habitat: T; Effect Codes: ACC; Code: NO
ENDPOINT(MTM,DZ,MLN).

Prinsloo, S. M. and De Beer Pr (1985). Gas Chromatographic Relative Retention Data for Pesticides on Nine Packed Columns I. Organophosphorus Pesticides Using Flame Photometric Detection. *J assoc off anal chem* 68: 1100-1108.

Chemical of Concern: MLN; Habitat: T

Printes, L. B. and Callaghan, A. (2004). A Comparative Study on the Relationship Between Acetylcholinesterase Activity and Acute Toxicity in *Daphnia magna* Exposed to Anticholinesterase Insecticides. *Environ.Toxicol.Chem.* 23: 1241-1247.

EcoReference No.: 75191

Chemical of Concern: PRN,PPX,CPY,MLN,ACP; Habitat: A; Effect Codes: BCM,PHY; Code: NO CONTROL(ALL CHEMS).

Prokopenko, V. A. and Filatova, G. A. (1980). Effect of Carbophos on Hydrobionts. *Veterinariya (Mosc.)* 9: 60-62 (RUS).

Chemical of Concern: MLN; Habitat: A

Prokopenko, V. A., Zhiteneva, L. D., Sokol'skaya, N. P., Kalyuzhnaya, T. I., Zavgorodnyaya, V. P., and Isaeva, L. N. (1976). Comparative Evaluation of the Effect of Malathion on Yearlings of Some Fish Species. *Tr.Vses.Nauchno-Issled.Inst.Morsk.Rybn.Khoz.Okeanogr.* 109: 199-209 (RUS) (ENG ABS).

EcoReference No.: 7892

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Puelschen, L., Kaske, R., and Sauerborn, S. (1994). Pesticide Use in Egypt, Its Ecological Impact and Mitigative Measures. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 101: 303-315.

Chemical of Concern: MLN; Habitat: AT

Pugliese, P., MoltÓ, Jc, Damiani, P., MarÍ, N, R., Cossignani, L., MaÑ, and Es, J. (Gas Chromatographic Evaluation of Pesticide Residue Contents in Nectarines After Non-Toxic Washing Treatments. *J chromatogr a.* 2004, oct 1; 1050(2):185-91. [*Journal of chromatography. A*]: *J Chromatogr A*.

Chemical of Concern: MLO; Habitat: T

Purcell, M. F., Stark, J. D., and Messing, R. H. (1994). Insecticide Effect on Three Tephritid Fruit Flies and Associated Braconid Parasitoids in Hawaii. *J.Econ.Entomol.* 87: 1455-1462.

EcoReference No.: 99616

Chemical of Concern: PMR,MLN,CBL,Naled; Habitat: T; Effect Codes: MOR,GRO,BEH; Code: TARGET(PMR,MLN,CBL,Naled).

Pykh, Y. U. A and Malkina-Pykh, I. G. (1997). Polmod.pest. The Model of Pesticides Dynamics in the Elementary Ecosystems. *Ecological modelling* 98: 215-236.

Chemical of Concern: MLN; Habitat: AT

Pylypiw, H. M Jr (1993). Rapid Gas Chromatographic Method for the Multiresidue Screening of Fruits and Vegetables for Organochlorine and Organophosphate Pesticides. *Journal of aoac international* 76: 1369-1373.

Chemical of Concern: MLN; Habitat: T

Qian, C., Sanders, P. F., and Seiber, J. N. (1985). Accelerated Degradation of Organophosphorus Pesticides With Sodium Perborate. *Bull environ contam toxicol* 35: 682-688.

Chemical of Concern: MLN; Habitat: AT

Quinlan, J. K. (1979). Malathion Aerosols Applied in Conjunction with Vertically Placed Aeration for the Control of Insects in Stored Corn. *J.Kans.Entomol.Soc.* 52: 648-652.

EcoReference No.: 53360

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(TARGET-MLN).

Quinlan, J. K. (1977). Surface and Wall Sprays of Malathion for Controlling Insect Populations in Stored Shelled Corn. *J.Econ.Entomol.* 70: 335-336.

EcoReference No.: 53359

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN).

Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Bohls, R. A., Pooler, P. D., Foster, R. N., Reuter, K. C., and Swain, J. L. (1991). Habitat Characteristics and Grasshopper Community Dynamics on Mixed-Grass Rangeland. *Can entomol* 123: 89-106.

Chemical of Concern: MLN; Habitat: T

Qureshi, N. A., Shammi, Q. J., and Sharma, R. (1983). Histopathology of Malathion on Liver of a Catfish, *Clarias batrachus* (Linn). *Indian J.Zool.* 11: 67-70.

EcoReference No.: 89027

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Ra'afat, H. R. (Notes on Occupational and Environmental Importance of Pesticides in Iraq. *Bull endem dis*; 27 (1-4). 1986 (recd. 1987). 21-24.

Chemical of Concern: MLN; Habitat: T

Rafai, M. A., Boulaajaj, F. Z., Bourezgui, M., Charra, B., Otmani, H. E., Benslama, A., Motaouakkil, S., and Slassi, I. ([Clinical and Electrophysiological Aspects of Acute Organophosphate Intoxication]. *Neurophysiol clin.* 2007 jan-mar; 37(1):35-9. [*Neurophysiologie clinique = clinical neurophysiology*]: *Neurophysiol Clin.*

Chemical of Concern: MLN; Habitat: T

Ragenovich, I. R., Schmid, J. M., Bennett, D. D., Barry, J. W., and Richmond, C. E. (1986). Field Evaluations of Four Insecticides Against the Pandora Moth, 1982. *Insectic.Acaric.Tests* 11: 426 (No. 563).

EcoReference No.: 88793

Chemical of Concern: ACP,DFZ,CBL,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(CBL,MLN),OK(ACP,DFZ).

Raghavendra, K., Vasantha, K., Subbarao, S. K., Pillai, M. Kk, and Sharma, V. P. (1991). Resistance in *Anopheles Culicifacies* Sibling Species B and C to Malathion in Andhra Pradesh and Gujarat States, India. *J am mosq control assoc* 7: 255-259.

Chemical of Concern: MLN; Habitat: T

Ragumoorthi, K. N. and Arumugam, R. (1996). Control of Guava Tea Mosquito Bug *Helopeltis antonii* Sign. (Miridae: Hemiptera) with Insecticides and Botanicals. *Indian J.Plant Prot.* 24: 1-5.

EcoReference No.: 90794

Chemical of Concern: MLN,ES,DDVP; Habitat: T; Effect Codes: POP,GRO; Code: OK TARGET,NO CROP(MLN).

Ragusa, S. (1983). Side Effects of Pesticides on Phytoseiid Mites Inhabiting Hazelnut. *Conference: 13. Congresso Nazionale Italiano di Entomologia, Torino (Italy), 27 Jun - 1 Jul 1983.*

Chemical of Concern: MLN; Habitat: AT

Rahman, M. S., Malek, M. A., and Matin, M. A. (1995). Trend of Pesticide Usage in Bangladesh. *Science of the total environment* 159: 33-39.

Chemical of Concern: MLO; Habitat: T

Rai, K. M., Joshi, R., and Gupta, B. P. (1986). Evergestis forficalis (L) (Lepidoptera: Pyralidae) a New Pest of Crucifers with Its Biology and Control. *Prog.Hortic.* 18: 157-162.

EcoReference No.: 89400

Chemical of Concern: CPY,MP,MLN,HCCH,ES,DDVP; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(MLN),TARGET(MP).

Raj, D. and Kanwar, B. B. (1990). Minimizing Insecticide Use Against Cauliflower Pests in India. *Trop.Pest Manag.* 36: 10-14.

EcoReference No.: 89215

Chemical of Concern: MP,MLN,ES,DMT; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Raj, T. P., Selvanayagam, M., Thatheyus, A. J., and Jebanesan, A. (1994). Effect of Food Utilization on the Larvae of Euputerote molifera fed with Cythion Sprayed Moringa indica Leaves. *Environ.Ecol.* 12: 199-201.

EcoReference No.: 40257

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rajak, R. L. and Pande, N. D. (1964). Susceptibility of Pulse Beetle (Callosobruchus chinensis Linn) to Telodrin, Endrin, Aldrin and Malathion. In: S.K.Majunder (Ed.), *Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 5.68-S.68.

EcoReference No.: 39923

Chemical of Concern: EN,AND,MLN; Habitat: T; Code: TARGET(MLN).

Rajakovic, Ljubinka, Ghaemmaghami, Vida, and Thompson, Michael (1989). Adsorption on Film-Free and Antibody-Coated Piezoelectric Sensors. *Analytica Chimica Acta* 217: 111-121.

Chemical of Concern: MLN; Habitat: AT

Rajdhar and Singh, C. P. (1989). Effect of Pesticides on the Yield and Quality of Brinjal. *Crop Res.* 2: 238-239.

EcoReference No.: 90681

Chemical of Concern: PRN,MLN,HCCH,AND; Habitat: T; Effect Codes: POP,GRO; Code: NO CROP(MLN).

Rajendra, W., Bhargava, D., Indira, K., and Swami, K. S. (1980). Effect of Malathion on Nucleotide Deamination in Sheep Liver. *National Academy of Science Letters [NATL. ACAD. SCI. LETT.]*. Vol. 3, no. 9, pp. 277-278. 1980.

Chemical of Concern: MLN; Habitat: T

Rajendran, N. and Venugopalan, V. K. (1983). Effect of Pesticides on Phytoplankton Production. *Mahasagar Bull.Natl.Inst.Oceanogr.* 16: 193-197.

EcoReference No.: 67306

Chemical of Concern: DDT,HCCH,ES,MP,MLN,CBL; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(ALL CHEMS).

Rajini, P. S., Krishnakumari, M. K., and Majumder, S. K. (1989). Cytotoxicity of Certain Organic Solvents and Organophosphorus Insecticides to the Ciliated Protozoan *Paramecium caudatum*. *Microbios* 59: 157-164.

EcoReference No.: 3029

Chemical of Concern: MLN,MP,PIRM,DDVP,FNT; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(MP,PIRM,DDVP,FNT).

Rajini, P. S., Muralidhara, Krishnakumari, M. K., and Majumder, S. K. (1986). Mutagenic Properties of Pirimiphos-Methyl in Male Mice. *Bull.Environ.Contam.Toxicol.* 36: 680-684.

EcoReference No.: 89081

Chemical of Concern: PIRM; Habitat: T; Effect Codes: CEL,REP; Code: NO COC(MLN),NO ENDPOINT(PIRM).

Rajotte, E. G., Rytter, J., Travis, J. W., and Rebarchak, G. (1991). Evaluation of a Post Spray Insecticide for the Control of Aphids on Black Raspberry Canes, 1990. *Insectic.Acaric.Tests* 16: 41 (No. 9C).

EcoReference No.: 89229

Chemical of Concern: AZ,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(AZ,MLN).

Rajotte, E. G. and Travis, J. W. (1987). Thrips and Aphid Control, 1986. *Insectic.Acaric.Tests* 12: 83-84 (No. 083).

EcoReference No.: 88730

Chemical of Concern: MLN,MXC,CBL; Habitat: T; Effect Codes: POP; Code: OK(MXC),OK TARGET(MLN,CBL).

Raju, J. and Gupta, V. K. (1989). A New Extractive Spectrophotometric Method Using Malonyl Dihydrazide for the Determination of Organophosphorus Pesticides in Surface Residues. *Microchem j* 39: 166-171.

Chemical of Concern: MLN; Habitat: T

Rajukkannu, K., Basha, A. A., Habeebullah, B., Duraisamy, P., and Balasubramanian, M. (Degradation and Persistence of Ddt Bhc Carbaryl and Malathion in Soils. *Indian j environ health*; 27 (3). 1985 (recd. 1986). 237-243.

Chemical of Concern: MLN; Habitat: AT

Ram, R. N., Joy, K. P., and Sathyanesan, A. G. (1989). Cythion-Induced Histophysiological Changes in Thyroid and Thyrotrophs of the Teleost Fish, *Channa punctatus* (Bloch). *Ecotoxicol.Environ.Saf.* 17: 272-278.

EcoReference No.: 811

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Ram, R. N. and Sathyanesan, A. G. (1985). Changes in the Brain Acetylcholine (ACh), Acetylcholinesterase (AChE) gamma-Amino Butyric Acid (GABA) Levels in the Teleostean Fish *Channa punctata* (Bloch) Exposed to Mercuric Chloride (HgCl₂) and Cythion. *Biol.Bull.India* 7: 57-62.

EcoReference No.: 14199

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ram, R. N. and Sathyanesan, A. G. (1987). Effects of Long-Term Exposure to Cythion on the Reproduction of the Teleost Fish, *Channa punctatus* (Bloch). *Environ.Pollut.* 44: 49-60.

EcoReference No.: 12731

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ram, R. N. and Sathyanesan, A. G. (1985). Mercuric Chloride, Cythion and Ammonium Sulfate Induced Changes in the Brain, Liver and Ovarian Alkaline Phosphatase Content in the Fish *Channa punctatus*. *Aquat.Sci.Fish.Abstr.*16(1, Pt.1):212 (1986) / *Environ.Ecol.* 3: 263-268.

EcoReference No.: 12235

Chemical of Concern: MLN,NH; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ramakrishnan, M., Arunachalam, S., and Palanichamy, S. (1997). Sublethal Effects of Pesticides on Feeding Energetics in the Air Breathing Fish *Channa striatus*. *J.Ecotoxicol.Environ.Monit.* 7: 169-175.

EcoReference No.: 60086

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BEH,GRO; Code: NO ENDPOINT(CBL,MLN,ES).

Ramakrishnan, M., Arunachalam, S., and Palanichamy, S. (1997). Sublethal Effects of Pesticides on Physiological Energetics of Freshwater Fish, *Oreochromis mossambicus*. *J.Ecotoxicol.Environ.Monit.* 7: 237-242.

EcoReference No.: 88971

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BEH,PHY; Code: NO ENDPOINT(ES,MLN,CBL).

Ramalingam, K. (1985). Effects of DDT and Malathion on Tissue Succinic Dehydrogenase Activity (SDH) and Lactic Dehydrogenase Isoenzymes (LDH) of *Sarotherodon mossambicus* (Peters). *Proc.Indian Acad.Sci.Anim.Sci.* 94: 527-531.

EcoReference No.: 12483

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ramalingam, K. (1988). Effects of DDT, Malathion and Mercury on the Liver Histomorphology of the Fish *Sarotherodon mossambicus*. *Environ.Ecol.* 6: 761-762.

EcoReference No.: 797

Chemical of Concern: MLN,HgCl,DDT; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(ALL CHEMS).

Ramalingam, K. (1988). Toxic Effects of DDT, Malathion and Mercury on the Tissue Carbohydrate Metabolism of *Sarotherodon mossambicus* (Peters). *Proc.Indian Acad.Sci.Anim.Sci.* 97: 443-448.

EcoReference No.: 552

Chemical of Concern: MLN,DDT,Hg; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(ALL CHEMS).

Ramalingam, K. and Ramalingam, K. (1982). Effects of Sublethal Levels of DDT, Malathion and Mercury on Tissue Proteins of *Sarotherodon mossambicus* (Peters). *Proc.Indian Acad.Sci.Anim.Sci.* 91: 501-505.

EcoReference No.: 11091

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Ramanathan, M. P. and Lalithakumari, D. (1999). Complete Mineralization of Methylparathion by *Pseudomonas* Sp. A3. *Applied biochemistry and biotechnology* 80: 1-12.

Chemical of Concern: MLN; Habitat: T

Ramesh, A. and Balasubramanian, M. (1999). Kinetics and Hydrolysis of Fenamiphos, Fipronil, and Trifluralin in Aqueous Buffer Solutions. *Journal of agricultural and food chemistry* 47: 3367-3371.

Chemical of Concern: MLN; Habitat: AT

Ramke, D. (1969). Development of Organophosphorus Resistant *Aedes nigromaculis* (Ludlow) in the Tulare Mosquito Abatement District. *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 37: 63.

Chemical of Concern: CPY,TMP,PPX,DDVP,Naled,FNTH,MLN,MP,PRN; Habitat: AT; Code: NO DURATION(ALL CHEMS).

Ramsdale, C. D., Herath, P. R. J., and Davidson, G. (1980). Recent Developments of Insecticide Resistance in Some Turkish Anophelines. *J.Trop.Med.Hyg.* 83: 11-19.

EcoReference No.: 103945

Chemical of Concern: MLN,FNT,PIRM,DZ,DMT,PPX,CBL,TMP,FNTH,PRN; Habitat: AT; Effect Codes: MOR,BEH; Code: NO ENDPOINT(MLN,FNT,PIRM,DZ,DMT,PPX,CBL,TMP,FNTH,PRN).

Ramu, A. and Korner, M. (1975). Evidence of Central Influences on Blood Glucose Level: Malathion Hyperglycemia. *Eur.J.Pharmacol.* 32: 120-123.

EcoReference No.: 90661

Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Ramzan, M. and Chahal, B. S. (1989). Effect of Grain Protectants on Viability of Wheat Seed. *Seed Res.* 17: 47-54.

EcoReference No.: 89329

Chemical of Concern: PIRM,FNT,MLN; Habitat: T; Effect Codes: POP; Code: OK(PIRM,FNT),NO CROP(MLN).

Ranasinghe, L. E. and Georgiou, G. P. (1979). Comparative Modification of Insecticide-Resistance Spectrum of *Culex pipiens fatigans* Wied. by Selection with Temephos and Temephos/Synergist Combinations. *Pestic.Sci.* 10: 502-508.

EcoReference No.: 92984

Chemical of Concern: FNTH,FNT,CPYM,CPY,MLN,CBF,PPB,TMP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(FNTH,FNT,CPYM,CPY,MLN,CBF,PPB,TMP).

Randall, T. L. and Knopp, P. V. (1980). Detoxification of Specific Organic Substances by Wet Oxidation. *J.Water Pollut.Control Fed.* 52: 2117-2130.

EcoReference No.: 2193

Chemical of Concern: ACL,PCP,ACY,DNT,MLN,HgCl₂, 24DP,4NP,2CP,PL,ACE,Se ; Habitat: A; Effect Codes: PHY,MOR; Code: NO CONTROL(ALL CHEMS).

Rani, V. J. S., Venkateshwarlu, P., and Janaiah, C. (1990). Impact of Sublethal Concentration of Malathion on Certain Aspects of Metabolism in Freshwater Fish, *Clarias batrachus* (Linn.). *Comp.Physiol.Ecol.* 15: 13-16.

EcoReference No.: 4142

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL,BEH; Code: NO ENDPOINT(MLN).

Rani, V. Js and Janaiah, C. (1989). In-Vitro Effects of Three Organophosphorus Insecticides on Kinetic Constants of Acetylcholinesterase in a Freshwater Teleost *Clarias-Batrachus* Linn. *Curr sci (bangalore)* 58: 1048-1051.

Chemical of Concern: MLN; Habitat: A

Ranke-Rybicaka, B. and Stanislawska, J. (1972). Changes in Periphyton Organisms Caused by Organophosphorus Pesticides (Malathion, Phoschlor). *Rocz.Panstw.Zakl.Hig.*23(2):137-146 (Pol) (Eng Abs).

EcoReference No.: 9177

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Ranke-Rybicka, B. (1975). The Effect of Organophosphate Pesticides (Malathion, Foschlor, Dichlorvos) on Aquatic Organisms. *Rocz.Panstw.Zakl.Hig.* 26: 393-399.

EcoReference No.: 8180

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Rao, B. N., Murthy, K. S Rk, Rao, S. N Km, and Azam, K. N. (Residues of Emulsifiable Concentrate and Dust Formulations of Malathion on Brinjal. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 58-59.*

Chemical of Concern: MLN; Habitat: AT

Rao, B. V., Sharma, C. B. S. R., and Rao, B. G. S. (1986). Clastogenic and Turbagenic Effects of Organophosphorus Pesticides on Allium cepa Root Meristems. *Proc.Indian Acad.Sci.(Plant Sci.)* 96: 303-309.

EcoReference No.: 89331

Chemical of Concern: MLN,MP; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN,MP).

Rao, C. G. S. and Rao, P. K. (1988). Effect of Food on the Susceptibility of Rice Weevil Sitophilus oryzae Linnaeus to Newer Insecticides. *Pesticides (Bombay)* 22: 17-19.

EcoReference No.: 93007

Chemical of Concern: CYP,DOM,FNV,MLN,FPP; Habitat: T; Effect Codes: MOR; Code: OK TARGET(CYP,MLN,FNV).

Rao, D. E. Gangadhar and Shetty, N. J. (1996). Proteins and Esterase Isozymes During Developmental Stages of Organophosphate Resistant Strains in Anopheles Stephensi Liston. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology and Toxicology* 114: 51-55.

Chemical of Concern: MLN; Habitat: T

Rao, H. R. G. and Anders, M. W. (1973). Inhibition of Microsomal Drug Metabolism by Anticholinesterase Insecticides. *Bull.Environ.Contam.Toxicol.* 9: 4-9.

EcoReference No.: 89072

Chemical of Concern: MLO,MLN,CBL,PRN; Habitat: T; Effect Codes: BCM,PHY; Code: NO ENDPOINT(ALL CHEMS),NO CONTROL,IN VITRO(MLO,CBL,PRN),MIXTURE(MLN).

Rao, K. J., Madhu, C., and Murthy, V. S. R. (1983). Histopathology of Malathion on Gills of a Freshwater Teleost, Tilapia mossambica (Peters). *J.Environ.Biol.* 4: 9-13.

EcoReference No.: 11849

Chemical of Concern: MLN,DM; Habitat: A; Effect Codes: CEL,MOR; Code: NO ENDPOINT(MLN).

Rao, K. J., Madhu, C., Rao, V. A., and Ramamurthy, K. (1984). Hyperglycemia Induced by Insecticides in Oreochromis mossambicus (Trewavas). *J.Curr.Biosci.* 1: 115-116.

EcoReference No.: 2603

Chemical of Concern: HCCH,MLN,PPHD; Habitat: A; Effect Codes: BCM,MOR; Code: NO

CONTROL(ALL CHEMS).

Rao, K. R. S. S., Sahib, I. K. A., Sailatha, D., and Rao, K. V. R. (1986). Effects of Technical and Commercial Grades of Malathion on the Oxidative Metabolism of the Fish *Tilapia mossambica*. *Environ.Ecol.*4(2):270-273 / *Aquat.Sci.Fish.Abstr.* 16: 15940-1Q16.

EcoReference No.: 114

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY,BCM; Code: NO CONTROL(MLN).

Rao, K. S., Khan, A. K., Alam, S., and Nagabhushanam, R. (1988). Toxicity of Three Pesticides to the Marine Prawn *Penaeus monodon* and *Penaeus indicus*. *Environ.Ecol.* 6: 479-480.

EcoReference No.: 13231

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Rao, K. S. and Nagabhushanam, R. (1987). Toxicity of DDT and Malathion to the Freshwater Crab *Barytelphusa cunicularis*. *Aquat.Sci.Fish.Abstr.*17(8, Pt.1):11842-1Q17 / *Environ.Ecol.* 5: 203-204.

EcoReference No.: 12790

Chemical of Concern: DDT.MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(DDT).

Rao, K. S. P., Basha, S. M., and Rao, K. V. R. (1984). Differential Action of Malathion, Carbaryl and BHC on Acetyl-Cholinesterase Activity of a Teleost, *Tilapia Mossambica* (Peters). *J.Environ.Biol.* 5: 241-247.

Chemical of Concern: HCCH,CBL,MLN; Habitat: A

Rao, K. V. R., Rao, K. S., Sahib, I. K. A., and Sivaiah, S. (1987). Differential Toxicity of Methyl Parathion and Malathion on Some Selected Aquatic Species. *Proc.Nat.Acad.Sci.India Sect.B (Biol.Sci.)* 57: 367-370.

EcoReference No.: 3132

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(MP).

Rao, M. B. and Mane, U. K. (1978). The Effect of Carbofos on the Survival Rate and Respiration of Black Sea Mussels (*Mytilus galloprovincialis*). *Hydrobiol.J.*14(6):90-94 / *Gidrobiol.Zh.* 14: 100-104.

EcoReference No.: 6044

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL,ENDPOINT(MLN).

Rao, M. R., Kanji, V. K., and Sekhar, V. (1999). Pesticide Induced Changes of Nitric Oxide Synthase in Rat Brain in Vitro. *Drug and chemical toxicology an international journal for rapid communication* 22: 411-420.

Chemical of Concern: MLN; Habitat: T

Rao, P. Sc, Hornsby, A. G., and Jessup, R. E. (1985). Indices for Ranking the Potential for Pesticide Contamination of Groundwater. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc* 44: 1-8.

Chemical of Concern: MLN; Habitat: AT

Rao, P. V Vp, Sessaiah, K., and Naidu, P. R. (1987). Determination of Malathion Residues in Eggs by the Modified Colorimetric Method. *Pesticides (bombay)* 21: 37-38.

Chemical of Concern: MLN; Habitat: T

Rao, T. Vp and Behera, N. (1991). The Effect of Malathion on Soil Nitrification. *Geobios (jodhpur)* 18: 243-245.

Chemical of Concern: MLN; Habitat: T

Rao, V., Rao, N. V., and Rao, S. S. (1991). Influence of Seasons on Build-up of Scale Insect *Melanaspis glomerata* (G), Insecticidal Performance and Their Effect on Yield and Quality in Sugarcane. *Indian J.Plant Prot.* 19: 17-22.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Rao, V. V. S. N. and Lal, R. (1987). Uptake and Metabolism of Insecticides by Blue-Green Algae *Anabaena* and *Aulosira fertilissima*. *Microbios Lett.* 36: 143-144.

EcoReference No.: 14044

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: ACC; Code: NO
ENDPOINT(MLN),OK(ES).

Rapiti, E., Fantini, F., Dell'orco, V., Fano, V., Blasetti, F., Bracci, C., Forastiere, F., and Comba, P. (1997). Cancer Mortality Among Chemical Workers in an Italian Plant. *European journal of epidemiology* 13: 281-285.

Chemical of Concern: MLN; Habitat: T

Rathburn, C. B. Jr. and Boike, A. H. Jr. (1967). Studies of Insecticide Resistance in Florida Mosquitoes. *Mosq.News* 27: 377-382.

EcoReference No.: 4590

Chemical of Concern: MLN,Naled,DDT,FNTH; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(Naled,MLN).

Rathburn, C. B. Jr. and Boike, A. H. Jr. (1975). Ultra Low Volume Tests for Several Insecticides Applied by Ground Equipment for the Control of Adult Mosquitoes. *Mosq.News* 35: 26-29.

EcoReference No.: 87276

Chemical of Concern: RSM,MLN,PYN,PPB,NALED,FNTH,CPY; Habitat: T; Effect Codes: MOR;
Code: TARGET MLN,Naled.

Rathman, R. J., Johnson, M. W., Tabashnik, B. E., and Spollen, K. M. (1995). Variation in Susceptibility to Insecticides in the Leafminer Parasitoid *Ganaspidium utilis* (Hymenoptera: Eucoilidae). *J.Econ.Entomol.* 88: 475-479.

EcoReference No.: 74128

Chemical of Concern: MOM,OML,PMR,MLN,FNV; Habitat: T; Effect Codes: MOR; Code:
OK,TARGET(MLN),TARGET(MOM).

Rathore, H. S. (1996). Chromatographic and Related Spot Tests for the Detection of Water Pollutants. *Journal of chromatography a* 733: 5-17.

Chemical of Concern: MLN; Habitat: AT

Rathore, H. S., Gupta, S., and Khan, H. A. (1986). Pressure Capillary Spot-Test for the Detection of Pollutants in Crops Vegetation and Environment. *Anal lett* 19: 1545-1560.

Chemical of Concern: MLN; Habitat: T

Ravi, J. (1987). Effect of Pesticides on Fish Fry Reared in Paddy Fields. *J.Agric.Sci.* 21: 59-60 (ABS).

Chemical of Concern: ES,MLN,DMT,CBF; Habitat: A

Ravikumar, S. S. (1986). Effects of Pesticides on the Cultivable Carps. *Mysore J.Agric.Sci.* 20: 88 (ABS).

EcoReference No.: 4079

Chemical of Concern: MLN,CHD; Habitat: A; Effect Codes: MOR; Code: NO
ENDPOINT(MLN,CHD).

Rawash, I. A., El-Gayar, F. M., Gaaboub, I. A., and El-Shazli, A. Y. (1975). Residue Analysis of DDT, Malathion and Kelthane on Pears. *Toxicology* 4: 157-163.

Chemical of Concern: MLN; Habitat: T; Code: NO CROP(MLN).

Rawash, I. A., El-Gayar, F. M., Gaaboub, I. A., and El-Shazli, A. Y. (1975). Residue Analysis of DDT, Malathion and Kelthane on Pears. *Toxicology* 4: 157-163.

Chemical of Concern: MLN,DCF,DDT; Habitat: T; Code: EFFICACY (DCF,MLN).

Rawash, I. A., Gaaboub, I. A., El-Gayar, F. M., and El-Shazli, A. Y. (1975). Effects of Plant Species, Age and Part on the Disappearance of Sevin, Nuvacron and Malathion Residues. *Toxicology* 4: 145-156.

EcoReference No.: 90696

Chemical of Concern: CBL,MLN; Habitat: AT; Effect Codes: ACC,MOR; Code: NO CONTROL,NO
ENDPOINT(MLN,CBL).

Rawlins, S. C. and Ragoonansingh, R. (1990). Comparative Organophosphorus Insecticide Susceptibility in Caribbean Populations of *Aedes aegypti* and *Toxorhynchites moctezuma*. *J.Am.Mosq.Control Assoc.* 6: 315-317.

EcoReference No.: 60883

Chemical of Concern: TMP,MLN,FNTH,FNT,CPY; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(ALL CHEMS).

Rawlins, S. C. and Wan, J. O. H. (1995). Resistance in Some Caribbean Populations of *Aedes aegypti* to Several Insecticides. *J.Am.Mosq.Control Assoc.* 11: 59-65.

EcoReference No.: 91102

Chemical of Concern: FNTH,FNT,CPY,MLN,TMP; Habitat: AT; Effect Codes: MOR; Code: NO
CONTROL(FNTH,FNT,CPY,MLN),OK(TMP).

Raworth, D. A. (1990). Predators Associated with the Twospotted Spider Mite, *Tetranychus urticae*, on Strawberry at Abbotsford,B.C., and Development of Non-chemical Mite Control. *J.Entomol.Soc.B.C.* 87: 59-67.

EcoReference No.: 87106

Chemical of Concern: DEM,DMT,CBF,DCF,DZ,ES,CHX,MLN; Habitat: T; Effect Codes: POP; Code:
OK TARGET(DZ,ADC,MLN), OK(ALL CHEMS).

Ray, A. K. and Bhattacharya, S. (1984). Histopathological Changes in the Hepatopancreas of the Freshwater Airbreathing Teleost *Anabas testudineus* (Bloch) Exposed to Acute and Chronic Levels of Cythion. *J.Curr.Biosci.* 1: 170-174.

EcoReference No.: 11614

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Razmi, M. S., Yazdani, S. S., Singh, S. P., Gupta, S. C., and Hameed, S. F. (1991). Persistence of Toxicity of Some Insecticides Against the Neonate Larvae of *Leucinodes orbonalis* Guen. *J.Entomol.Res.* 15: 218-221.

EcoReference No.: 87641

Chemical of Concern: FNT,MP,MLN,ES,PPHD,CBL,DMT; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(CBL),TARGET(MLN,MP).

Readman, J. W., Liong Wee Kwong, L., Mee, L. D., Bartocci, J., Nilve, G., Rodriguez-Solano, J. A., and Gonzalez-Farias, F. (1992). Persistent Organophosphorus Pesticides in Tropical Marine Environments. *Marine Pollution Bulletin* 24: 398-402.

Chemical of Concern: MLN; Habitat: A

Reardon, K. F. (1994). Challenges for in Situ Bioremediation of Chemical Mixtures. *Yang, r. S. H. (Ed.). Toxicology of chemical mixtures: case studies, mechanisms, and novel approaches. Xxiv+720p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-768350-x.; 0: 505-538.

Chemical of Concern: MLN; Habitat: AT

Reddy, M. S. and Rao, K. V. R. (1992). Toxicity of Selected Insecticides to the Penaeid Prawn, *Metapenaeus monoceros* (Fabricius). *Bull.EnvIRON.Contam.Toxicol.* 48: 622-629.

EcoReference No.: 14969

Chemical of Concern: MP,DDT,PRN,HCCH,DMT,DLD,DDVP,CBL,MLN,SMT,AND,PPH,OXD; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Reddy, N. S., Dash, S., and Sontakke (1997). Effect of Spraying Selected Pesticides on the Contents of Specified Minerals in Cabbage. *Plant Foods Hum.Nutr.* 51: 357-363.

EcoReference No.: 89005

Chemical of Concern: ES,MLN; Habitat: T; Effect Codes: BCM; Code: OK(ES),NO CROP(MLN).

Reddy, P. M. (1988). Effect of Malathion on the Oxygen Consumption and Rate of Opercular Movement of *Cyprinus carpio*. *Geobios* 15(1): 7-10.

EcoReference No.: 9539

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Reddy, P. M. (1987). Toxic Impact of Malathion on the Branchial Protein Metabolism of Freshwater Fish *Cyprinus carpio*. *Environ.Ecol.5(2):368-370 / Aquat.Sci.Fish.Abstr.* 17: 16591-1Q17.

EcoReference No.: 259

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Reddy, P. M. and Bashamohideen, M. (1987). Biochemical Changes in the Kidney and Intestine of Freshwater Fish *Cyprinus carpio* Exposed to Malathion. *Environ.Ecol.5(2):378-380 / Aquat.Sci.Fish.Abstr.* 17: 16592-1Q17.

EcoReference No.: 260

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Reddy, P. M. and Bashamohideen, M. (1988). Toxicity of Malathion to the Fish *Cyprinus carpio*. *Environ.Ecol.* 6:

488-490.

EcoReference No.: 13237

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Reddy, P. M. and Philip, G. H. (1991). Hepato Toxicity of Malathion on the Protein Metabolism in *Cyprinus carpio*. *Acta Hydrochim.Hydrobiol.* 19: 127-130.

EcoReference No.: 3729

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY,BCM; Code: NO ENDPOINT(MLN).

Reddy, P. S., Bhagyalakshmi, A., and Ramamurthi, R. (1986). Chronic Malathion Toxicity: Effect on Carbohydrate Metabolism of *Oziotelphusa senex senex*, the Indian Rice Field Crab. *Bull.Environ.Contam.Toxicol.* 37: 816-822.

EcoReference No.: 12084

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Reddy, P. S., Bhagyalakshmi, A., and Ramamurthi, R. (1985). Molt-Inhibition in the Crab *Oziotelphusa senex senex* Following Exposure to Malathion and Methyl Parathion. *Bull.Environ.Contam.Toxicol.* 35: 92-97.

EcoReference No.: 11649

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: GRO; Code: NO ENDPOINT(MLN).

Reddy, P. S., Bhagyalakshmi, A., and Ramamurthi, R. (1986). Subacute Physiological Stress Induced by Malathion on Carbohydrate Metabolism in the Crab *Oziotelphusa-Senex-Senex*. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 63.

Chemical of Concern: MLN; Habitat: A

Reddy, V. S. and Reddy, B. M. (1994). Effect of Seed Protectants on Storability of Egg Plant (*Solanum melongena* L.) Seed. *Seed Res.* 22: 181-183.

EcoReference No.: 91372

Chemical of Concern: THM,Captan,MLN; Habitat: T; Effect Codes: GRO,REP,CEL,PHY; Code: LITE EVAL CODED(Captan),NO CROP,OK TARGET(MLN),OK(THM).

Reece, R. L., Scott, P. C., Forsyth, W. M., Gould, J. A., and Barr, D. A. (1985). Toxicity Episodes Involving Agricultural Chemicals and Other Substances in Birds in Victoria, Australia. *Veterinary Record [VET. REC.J. Vol. 117, no. 20, pp. 525-527. 1985.*

Chemical of Concern: MLN; Habitat: T

Reed, D. V., Lombardo, P., Wessel, J. R., Burke, J. A., and McMahon, B. (1987). The Fda Pesticides Monitoring Program. *J assoc off anal chem* 70: 591-595.

Chemical of Concern: MLN; Habitat: AT

Reeder, A. L., Foley, G. L., Nichols, D. K., Hansen, L. G., Wikoff, B., Faeh, S., Eisold, J., Wheeler, M. B., Warner, R., Murphy, J. E., and Beasley, V. R. (1998). Forms and Prevalence of Intersexuality and Effects of Environmental Contaminants on Sexuality in Cricket Frogs (*Acris crepitans*). *Environmental health perspectives* 106: 261-266.

Chemical of Concern: MLN; Habitat: A

Reeves, R. G., Woodham, D. W., Ganyard, M. C., and Bond, C. A. (1977). Preliminary Monitoring of Agricultural Pesticides in a Cooperative Tobacco Pest Management Project in North Carolina, 1971 - First-Year Study. *Pestic.Monit.J.* 11: 99-106.

Chemical of Concern: MOM,AZ,CBL,MLN,DZ,EN,PRN; Habitat : AT; Code: NO MIXTURE(ALL CHEMS).

Rehwoldt, R. E., Kelley, E., and Mahoney, M. (1977). Investigations into the Acute Toxicity and Some Chronic Effects of Selected Herbicides and Pesticides on Several Fresh Water Fish Species. *Bull.EnvIRON.Contam.Toxicol.* 18: 361-365.

EcoReference No.: 859

Chemical of Concern: 24DXY,MLN,MP,AND; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN,24DXY,MP,AND).

Reinert, J. A. and Neel, P. L. (1976). Evaluation of Phytotoxicity of Malathion, Ethion, and Combinations of FC-435 Spray Oil with each on twenty-eight Species of Environmental Plants Under Slat Shade. *Proc.Fla.State Hortic.Soc.* 89: 368-370.

EcoReference No.: 41728

Chemical of Concern: MLN,ETN; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT(MLN,ETN).

Reiter, P., Rigau-Perez, J. G., Amador, M., Vidal, J., Suarez, M. F., Seda, H., and Clark, G. G. (1992). Did Ulv Prolong an Epidemic of Dengue in Florida Puerto Rico? *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 315.

Chemical of Concern: MLN; Habitat: T

Rekolainen, S. (1988). Occurrence and Leaching of Pesticides in Waters Draining From Agricultural Land. *Angeletti, g. And a. Bjorseth (ed.). Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 195-197.

Chemical of Concern: MLN; Habitat: A

Rengasamy, S. and Parmar, B. S. (1988). Investigation of Some Factors Influencing Isomalathion Formation in Malathion Products. *J agric food chem* 36: 1025-1030.

Chemical of Concern: MLN; Habitat: AT

Rethwisch, M. D., Mcdaniel, C. W., and Major, G. (1993). Comparison of Aerially Applied Insecticide Treatments for Aphid Control on Seed Broccoli 1991. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 88. Ab - biosis copyright: biol abs. Rrm brassica-oleracea myzus-persicae brevicoryne-brassicae capture thiodan malathion pounce pesticide 88.*

Chemical of Concern: MLN; Habitat: T

Rethwisch, M. D., Shaw, M., and Peralta, M. (1990). Cabbage and Green Peach Aphid Control on Seed Broccoli, 1992. *Insectic.Acaric.Tests* 18: 90 (No. 12E).

EcoReference No.: 89216

Chemical of Concern: ES,MLN; Habitat: T; Effect Codes: POP; Code: NO MIXTURE(ES,TARGET-MLN).

Rettich, F. (1977). The Susceptibility of Mosquito Larvae to Eighteen Insecticides in Czechoslovakia. *Mosq.News* 37: 252-257.

EcoReference No.: 2914

Chemical of Concern: DLD,TCF,MXC,HCCH,MLN,CBL,DZ,CPY,DDT,FNTH,DDVP,PPX,FNT,TMP;
Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Reuber, M. D. (1978). Carcinomas and Other Lesions of the Liver in Mice Ingesting Organochlorine Pesticides. *Clin.Toxicol.* 13: 231-256.

EcoReference No.: 90701

Chemical of Concern: CF,CTC,HCCH,MXC,MRX,CHD,EN,HPT,DLD,AND; Habitat: T; Effect Codes:
CEL,GRO; Code: NO COC(MLN).

Reutergardh, L. (1996). Analysis of Some Micro Pollutants. *Resources conservation and recycling* 16: 281-288.

Chemical of Concern: MLN; Habitat: T

Rezg, Raja, Mornagui, Bessem, El-Fazaa, Saloua, and Gharbi, Najoua (2008-). Lipid peroxidative damage on hypothalamo-pituitary-adrenal axis following subchronic exposure to malathion in rats. *Toxicology Letters* 180: S173-S174.

Chemical of Concern: MLN; Habitat: T

Ribeiro, B., Guedes, R. N., CorrÊ, A, A. S., and Santos, C. T. (Fluctuating Asymmetry in Insecticide-Resistant and Insecticide-Susceptible Strains of the Maize Weevil, Sitophilus Zeamais (Coleoptera: Curculionidae). *Arch environ contam toxicol.* 2007, jul; 53(1):77-83. [*Archives of environmental contamination and toxicology*]: *Arch Environ Contam Toxicol.*

Chemical of Concern: MLN; Habitat: T

Ribeiro, B. M., Guedes, R. N. C., Oliveira, E. E., and Santos, J. P. (2003). Insecticide Resistance and Synergism in Brazilian Populations of Sitophilus zeamais (Coleoptera: Curculionidae). *J.Stored Prod.Res.* 39: 21-31.

EcoReference No.: 71409

Chemical of Concern: CPY,CYP,DM,PMR,MLN,PPB; Habitat: T; Effect Codes: MOR; Code: NO CONC(PPB),OK(PMR,TARGET-MLN,CYP).

Rice, R. G. (1988). Ozone Oxidation Products Implications for Drinking Water Treatment. *Larson, r. A. (Ed.). Biohazards of drinking water treatment* 194th national meeting of the environmental chemistry division of the american chemical society, new orleans, louisiana, usa, september 1987. Ix+293p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-110-6.; 0: 153-170.

Chemical of Concern: MLN; Habitat: A

Richmonds, C. and Dutta, H. M. (1992). Effect of Malathion on the Optomotor Behavior of Bluegill Sunfish, Lepomis macrochirus. *Comp.Biochem.Physiol.C* 102: 523-526.

EcoReference No.: 6487

Chemical of Concern: MLN; Habitat: A; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

Richmonds, C. and Dutta, H. M. (1988). Effects of Malathion on the Liver Cells and Serum Proteins of Bluegill Lepomis macrochirus. *Am.Zool.* 28: A196 (ABS).

EcoReference No.: 755

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Code: NO ENDPOINT(MLN).

Richmonds, C. and Dutta, H. M. (1989). Histopathological Changes Induced by Malathion in the Gills of Bluegill *Lepomis macrochirus*. *Bull.Environ.Contam.Toxicol.* 43: 123-130.

EcoReference No.: 3086

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Richmonds, C. R. and Dutta, H. M. (1989). Brain Acetylcholinesterase Inhibition by Malathion in Bluegill Sunfish *Lepomis macrochirus*. *Ohio J.Sci.* 89: 2 (ABS) .

EcoReference No.: 73

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT(MLN).

Richmonds, C. R. and Dutta, H. M. (1992). Effect of Malathion on the Brain Acetylcholinesterase Activity of Bluegill Sunfish *Lepomis macrochirus*. *Bull.Environ.Contam.Toxicol.* 49: 431-435.

EcoReference No.: 3980

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Richmonds, C. R. and Dutta, H. M. (1992). Variations Produced by Malathion on the Serum Protein Fractions of Bluegill Sunfish *Lepomis macrochirus*. *Comp.Biochem.Physiol.C* 102: 403-406.

EcoReference No.: 6483

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Riddles, P. W. and Nolan, J. (1987). Prospects for the Management of Arthropod Resistance to Pesticides. **Symposium** on parasitology: quo vadit held at the sixth international congress of parasitology, brisbane, queensland, australia, august 24-29, 1986. *Int j parasitol* 17: 679-688.

Chemical of Concern: MLN; Habitat: T

Riegert, P. W., Ewen, A. B., and Lockwood, J. A. (1997). A History of Chemical Control of Grasshoppers and Locusts 1940-1990. Gangwere, s. K., M. C. Muralirangan and m. Muralirangan (ed.). *The bionomics of grasshoppers, katydids and their kin. Xiii+529p. Cab international: wallingford, england, uk. Isbn 0-85199-141-6.* 0: 385-405.

Chemical of Concern: MLN; Habitat: T

Ripley, B. D., Ritcey, G. M., Harris, C. R., Denomme, M. A., and Lissemore, L. I. (2003). Comparative Persistence of Pesticides on Selected Cultivars of Specialty Vegetables. *J.Agric.Food Chem.* 51: 1328-1335.

EcoReference No.: 94882

Chemical of Concern: MZB,MLX,CBF,Captan,CYP,DMT,MLN,PSM,ES,PMR,FNV,DZ,PRN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(MZB,CBF,Captan,CYP,DMT,MLN,PSM,PMR,FNV,DS,DZ,ES).

Ristori, C., Del Carlo C, Martini, M., Barbaro, A., and Ancarani, A. (1996). Potentiometric Detection of Pesticides in Water Samples. *Analytica chimica acta* 325: 151-160.

Chemical of Concern: MLN; Habitat: A

Ritter, W. (1988). Medications Registered in Western Europe for Varroaosis Control. *Apidologie* 19: 113-116.

Chemical of Concern: CMPH,MLN,FVL,AMZ; Habitat: T; Code: NO REVIEW(CMPH,MLN,FVL).

Ritter, W. F. (1990). Pesticide Contamination of Ground Water in the Usa a Review. *J environ sci health part b*

pestic food contam agric wastes 25: 1-30.

Chemical of Concern: MLN; Habitat: A

Rivett, K. and Potgieter, P. D. (1987). Diaphragmatic Paralysis After Organophosphate Poisoning a Case Report. *S afr med j* 72: 881-882.

Chemical of Concern: MLN; Habitat: T

Ro, K. S. and Libra, J. A. (1995). Pesticides and Herbicides. *Water environment research* 67: 548-552.

Chemical of Concern: MLN; Habitat: AT

Roberts, J. E., Chisholm, R. D., and Koblitsky, L. (1962). Persistence of Insecticides in Soil and Their Effects on Cotton in Georgia. *J.Econ.Entomol.* 55: 153-155 .

EcoReference No.: 41196

Chemical of Concern: HCCH,MLN,DDT,AZ; Habitat: T; Effect Codes: GRO; Code: LITE EVAL CODED(AZ),NO CROP(MLN),OK(HCCH,DDT).

Roberts, R. H., Baldwin, K. F., Pinson, J. L., Walker, Todd W., and Meisch, M. V. (1980). Effectiveness of Nine Pyrethroids Against *Anopheles Quadrimaculatus* Say and *Psorophora columbiae* (Dyar and Knab) in Arkansas. *Mosq.News* 40: 43-46.

EcoReference No.: 91604

Chemical of Concern: PMR,SMT,FNV,MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(PMR,SMT,FNV,MLN).

Roche, P. and Prados, M. (1995). Removal of Pesticides by Use of Ozone or Hydrogen Peroxide-Ozone. *Ozone science & engineering* 17: 657-672.

Chemical of Concern: MLN; Habitat: AT

Rodgers, K. E., Ellefson, D., and Ware, C. F. (1986). Effect of in-Vitro Exposure to O S S Trimethyl Phosphorodithioate on Murine Immune Responses. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 329.

Chemical of Concern: MLN; Habitat: T

Rodgers, K. E. and Ellefson, D. D. (1988). Effects of Acute Administration of O,O-S-Trimethyl Phosphorothioate on the Respiratory Burst and Phagocytic Activity of Splenic and Peritoneal Leukocytes. *Agents Actions* 24: 152-160.

EcoReference No.: 89173; Habitat: T; Effect Codes: CEL,PHY,BCM; Code: NO COC(MLN).

Rodgers, K. E., Haviland, D. L., and Ware, C. F. (1989). Protection from O,O,S-Trimethyl Phosphorothioate-Induced Immune Suppression. *Immunopharmacology* 17: 131-140.

EcoReference No.: 89026; Habitat: T; Effect Codes: GRO,CEL,PHY; Code: NO COC(MLN).

Rodgers, K. E., Imamura, T., and Devens, B. H. (1985). Effects of Subchronic Treatment with O,O,S-Trimethyl Phosphorothioate on Cellular and Humoral Immune Response Systems. *Toxicol.Appl.Pharmacol.* 81: 310-318.

EcoReference No.: 88964; Habitat: T; Effect Codes: CEL,GRO,PHY; Code: NO COC(MLN).

Rodgers, K. E., Imamura, T., and Devens, B. H. (1986). Organophosphorus Pesticide Immunotoxicity: Effects of O,O,S-Trimethyl Phosphorothioate on Cellular and Humoral Immune Response Systems. *Immunopharmacology* 12: 193-202.

EcoReference No.: 89031; Habitat: T; Effect Codes: CEL,MOR,GRO,BEH,BCM,PHY; Code: NO COC(MLN).

Rodgers, K. E., Leung, N., and Ware, C. F. (1988). Effects of Acute Administration of O,S,S-Trimethyl Phosphorodithioate on the Generation of Cellular and Humoral Immune Responses Following In Vitro Stimulation. *Toxicology* 51: 241-253.

EcoReference No.: 89456; Habitat: T; Effect Codes: BCM,CEL; Code: NO COC(MLN).

Rodgers, K. E., Stern, M. L., and Ware, C. F. (1989). Effects of Subacute Administration of O,S,S-Trimethyl Phosphorodithioate on Cellular and Humoral Immune Response Systems. *Toxicology* 54: 183-195.

EcoReference No.: 89262; Habitat: T; Effect Codes: GRO,CEL,BCM; Code: NO COC(MLN).

Rodgers, Kathleen E., Grayson, Marcia H., Imamura, Toshiko, and Devens, Bruce H. (1985). In Vitro Effects of Malathion and O,O,S-Trimethyl Phosphorothioate on Cytotoxic T-Lymphocyte Responses. *Pesticide Biochemistry and Physiology* 24: 260-266.

Chemical of Concern: MLN; Habitat: T

Rodrigues, M. A. La R., Puga, F. R., Chenker, E., and Mazanti, M. T. (1986). Short-Term Effect of Malathion on Rats' Blood Glucose and on Glucose Utilization by Mammalian Cells In Vitro. *Ecotoxicol.Environ.Saf.* 12: 110-113.

EcoReference No.: 90707

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Rodrigues, M. A. Lr and Chenker, E. (1988). Activity of Enzymes Related to Carbohydrate Metabolism in Cells Exposed to Malathion. *In vitro toxicol* 2: 15-18.

Chemical of Concern: MLN; Habitat: T

Rodriguez, M., Ortiz, E., Bisset, J. A., Hemingway, J., and Saledo, E. (1993). Changes in Malathion and Pyrethroid Resistance After Cypermethrin Selection of *Culex quinquefasciatus* Field Populations of Cuba. *Med.Vet.Entomol.* 7: 117-121.

Chemical of Concern: MLN,PMR,CYP; Habitat: A; Code: NO CONC(MLN,PMR,CYP).

Rodriguez, M. M., Bisset, J., De Fernandez, D. M., Lauzan, L., and Soca, A. (2001). Detection of Insecticide Resistance in *Aedes aegypti* (Diptera: Culicidae) from Cuba and Venezuela. *J.Med.Entomol.* 38: 623-628.

EcoReference No.: 66934

Chemical of Concern: TMP,FNTH,MLN,CPY,DM,LCYT,CYP,PRIM,PPB,DEF; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS, EXCEPT PPB,DEF),NO MIXTURE(PPB,DEF),TARGET(MLN,CYP).

Rodriguez, O. P., Muth, G. W., Berkman, C. E., Kim, K., and Thompson, C. M. (Inhibition of Various Cholinesterases With the Enantiomers of Malaoxon. *Bulletin of environmental contamination and toxicology*, vol. 58, no. 2, pages 171-176, 14 references, 1997.

Chemical of Concern: MLO; Habitat: A

Rodriguez Rodriguez, J. A., Molina Martin, E., and Martinez Fernandez, A. R. (1981). (Actual Sensitivity of Culicine Larvae. Ii. Organophosphate Insecticides.). *Revista Iberica de Parasitologia [REV. IBER. PARASITOL.]*. Vol. 41, no. 4, pp. 519-526. 1981.

Chemical of Concern: MLN; Habitat: AT

Roe, B. A. and Lemley, A. T. (1997). Treatment of Two Insecticides in an Electrochemical Fenton System. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 32: 261-281.

Chemical of Concern: MLN; Habitat: AT

Roe, B. A. and Lemley, A. T. (1996). Treatment of Two Pesticides in a Photo-Assisted Electrochemical Fenton System. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 195.

Chemical of Concern: MLN; Habitat: AT

Roger, C., Coderre, D., and Vincent, C. (1991). Apparent Mortality of Coleomegilla maculata (Coccinellidae) Following Pesticide Treatment: Possibility of Overlooking Predators. In: I.Polgar, et al.(Ed.), *Behaviour and Impact of Aphidophaga, 4th Meet.of the IOBC W.G., Ecology of Aphidophaga, Godollo, Hungary, Sept.1990, SPB Acad.Publ., The Hague, Netherlands* 329-336.

EcoReference No.: 89614

Chemical of Concern: BMY,MLN,CYP,CBL; Habitat: T; Effect Codes: MOR; Code: OK(BMY,CYP,CBL),OK TARGET(MLN).

Roger, J. C., Upshall, D. G., and Casida, J. E. (1969). Structure-Activity and Metabolism Studies on Organophosphate Teratogens and Their Alleviating Agents in Developing Hen Eggs with Special Emphasis on Bidrin. *Biochem.Pharmacol.* 18: 373-392.

EcoReference No.: 93073

Chemical of Concern: MLN,AZ,DDVP,PRN,PPHD,DCTP,MVP; Habitat: T; Effect Codes: MOR,CEL,GRO,PHY; Code : NO ENDPOINT(MLN,AZ,DDVP,PRN,PPHD,DCTP,MVP),NO COC(TBF).

Roger, P. A., Simpson, I., Oficial, R., Ardales, S., and Jimenez, R. (1994). Effects of Pesticides on Soil and Water Microflora and Mesofauna in Wetland Ricefields: a Summary of Current Knowledge and Extrapolation to Temperate Environments. *Australian journal of experimental agriculture* 34: 1057-1068.

Chemical of Concern: MLN; Habitat: A; Code: NO REVIEW(MLN).

Rogers, A. J. and Rathburn, C. B. Jr. (1964). Present Status of Insecticides for Mosquito Control in Florida. *Mosq.News* 24: 286-291.

EcoReference No.: 4523

Chemical of Concern: FNTH,DDT,MLN,Naled; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),TARGET(Naled).

Rogers, K. R., Cao, C. J., Valdes, J. J., Eldefrawi, A. T., and Eldefrawi, M. E. (1991). Acetylcholinesterase Fiber-Optic Biosensor for Detection of Anticholinesterases. *Fundam appl toxicol* 16: 810-820.

Chemical of Concern: MLN; Habitat: T

Roinestad, K. S., Louis, J. B., and Rosen, J. D. (1993). Determination of Pesticides in Indoor Air and Dust. *Journal of aoac international* 76: 1121-1126.

Chemical of Concern: MLN; Habitat: AT

Romyen, S., Hawker, D., and Karnchanasest, B. (Distribution of Organophosphate Insecticides in a Thai Biomass-Water System. *J environ sci health b*. 2007, nov; 42(8):869-75. [*Journal of environmental science and health. Part. B, pesticides, food contaminants, and agricultural wastes*]: *J Environ Sci Health B*.

Chemical of Concern: MLN; Habitat: AT

Rongsriyam, Y., Prownebon, S., and Hirakoso, S. (1968). Effects of Insecticides on the Feeding Activity of the Guppy, a Mosquito-Eating Fish, in Thailand. *Bull.W.H.O.* 39: 977-980.

EcoReference No.: 3663

Chemical of Concern: CPY,DZ,HCCH,MLN,ATN,ABT,FNT,DDVP,FNTH,DDT; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Rosen, J. D. and Gretch, F. M. (Analytical Chemistry of Pesticides Evolution and Impact. *Marco, g. J., R. M. Hollingworth and w. Durham (ed.). Silent spring revisited; symposium, philadelphia, pennsylvania, usa, august 1984. Xviii+214p. American chemical society: washington, d.c., Usa. Illus. Paper. Isbn 0-8412-0981-2(paper); isbn 0-8412-0980-4(cloth); 0 (0). 1987. 127-144.*

Chemical of Concern: MLN; Habitat: T

Rosen, P. (1967). The Susceptibility of *Culex pipiens fatigans* Larvae to Insecticides in Rangoon, Burma. *Bull.W.H.O.* 37: 301-310.

EcoReference No.: 4677

Chemical of Concern: FNTH,DLD,DDT,MLN,HCCH,DZ; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Rosenberg, A. M. (1999). Antinuclear Antibodies in Mice Exposed to Pesticides. *J.Agric.Saf.Health* 5: 173-177.

EcoReference No.: 89609

Chemical of Concern: AND,DLD,MLN,24DXEY; Habitat: T; Effect Codes: BCM,BEH; Code: NO ENDPOINT(ALL CHEMS).

Rosenheim, J. A. and Hoy, M. A. (1986). Intraspecific Variation in Levels of Pesticide Resistance in Field Populations of a Parasitoid, *Aphytis melinus* (Hymenoptera: Aphelinidae): The Role of Past Selection Pressures. *J.Econ.Entomol.* 79: 1161-1173.

EcoReference No.: 91027

Chemical of Concern: MDT,MLN,DMT,CPY,CBL; Habitat: T; Effect Codes: MOR; Code: OK TARGET(ALL CHEMS).

Rosenkranz, H. S. and Klopman, G. (Structural Alerts to Genotoxicity: the Interaction of Human and Artificial Intelligence. *Mutagenesis* 5:333-361,1990: *MUTAGENESIS*.

Chemical of Concern: MLO; Habitat: AT

Ross, Thomas E. (1981). Diatomaceous Earth as a Possible Alternative to Chemical Insecticides. *Agriculture and Environment* 6: 43-51.

Chemical of Concern: MLN; Habitat: T

Rostad, C. E. (1997). Concentration and Transport of Chlordane and Nonachlor Associated With Suspended

Sediment in the Mississippi River, May 1988 to June 1990. *Archives of environmental contamination and toxicology* 33: 369-377.

Chemical of Concern: MLN; Habitat: A

Roth, M., Richards, R. H., and Sommerville, C. (1993). Current Practices in the Chemotherapeutic Control of Sea Lice Infestations in Aquaculture a Review. *J fish dis* 16: 1-26.

Chemical of Concern: MLN; Habitat: T

Roush, R. T. and Miller, G. L. (1986). Considerations for Design of Insecticide Resistance Monitoring Programs. *J econ entomol* 79: 293-298.

Chemical of Concern: MLN; Habitat: AT

Rowlands, D. G. (1966). The Activation and Detoxification of Three Organic Phosphorothionate Insecticides Applied to Stored Wheat Grains. *J.Stored Prod.Res.* 2: 105-116.

EcoReference No.: 90703

Chemical of Concern: MLO,DMT,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(MLO,DMT,MLN).

Rowlands, D. G. (The Metabolism of Ddt in Stored Wheat Grains. *J. Stored prod. Res.*; 4(3), 183-96, 1968; (ref:17).

Chemical of Concern: MLO; Habitat: T

Rowlands, D. G. and Clements, June E. (1965). The Degradation of Malathion in Rice Brans. *Journal of Stored Products Research* 1: 101-103.

Chemical of Concern: MLN; Habitat: T

Rowlands, D. G. and Horler, D. F. (1967). Penetration of Malathion into Wheat Grains. *Proc.4th British Insecticide and Fungicide Conf.* 1: 331-335.

EcoReference No.: 53743

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(MLN).

Roy, D. C. and Pande, Y. D. (1994). Damage to Brinjal by Lepi. Pyraustidae an Economics of Its Insecticidal Control. *Indian J.Agric.Res.* 28: 110-120.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Roy, P. K. and Munshi, J. S. D. (1991). Malathion Induced Structural Morphometric Changes of Gills of a Fresh Water Major Carp, *Cirrhinus mrigala* (Ham.). *J.Environ.Biol.* 12: 79-87.

EcoReference No.: 9168

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Roy, R. G. and Samson, F. (1979). Results of Insecticide Susceptibility Tests with *Culex gelidus* in Bangalore City. *Indian J.Med.Res.* 70: 715-717.

EcoReference No.: 103905

Chemical of Concern: MLN,PPX,FNT,DDT,DLD,FNTH; Habitat: T; Effect Codes: MOR; Code:

TARGET(FNT,PPX,MLN).

Royer, T. A., Edelson, J. V., and Cartwright, B. (1986). Onion Thrips Control, 1985. *Insectic.Acaric.Tests* 11: 149-150 (No. 206).

EcoReference No.: 88799

Chemical of Concern: BFT,DZ,MLN,AZ,MP,MOM,CPY,PMR,ACP,CYF,CYP; Habitat: T; Effect Codes: POP; Code: OK TARGET(DZ,MOM,MLN),OK(ALL CHEMS),TARGET(MP).

Royer, T. A., Edelson, J. V., and Cartwright, B. (1987). Worm Control on Cabbage, 1985. *Insectic.Acaric.Tests* 12: 103 (No. 109).

EcoReference No.: 88726

Chemical of Concern:

EFV,CYF,PMR,MTM,CPY,MOM,ES,CBL,MLN,DZ,MP,AZ,FVL,MVP,DMT,MXC,OXD,Naled;
Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS),TARGET(Naled,MP).

Royer, T. A. and Giles, K. L. (1999). Fall Armyworm Control in Sorghum, 1998. *Arthropod Manage.Tests* 24: 284 (F104).

EcoReference No.: 88147

Chemical of Concern: CFP,CBL,MLN,TUZ; Habitat: T; Effect Codes: POP; Code: OK(CFP,TUZ),TARGET(MLN,CBL).

Rozewicka, L. (1977). The Influence of Insecticides on DNA in Nuclei of Spermatogonium B and in Spermatozoons of White Mice. *Folia Histochem.Cytochem.* 15: 159-160.

Chemical of Concern: MLN; Habitat: T; Code: NO ABSTRACT(MLN).

Ruiz-Leal, M. and George, S. *. (2004). An in Vitro Procedure for Evaluation of Early Stage Oxidative Stress in an Established Fish Cell Line Applied to Investigation of Phah and Pesticide Toxicity. *Marine environmental research [Mar. Environ. Res.]*. Vol. 58, no. 2-5, pp. 631-635. 2004.

Chemical of Concern: MLN; Habitat: A

Ruiz, M. J., Lopez-Jaramillo, L., Redondo, M. J. , and Font, G. (1997). Toxicity Assessment of Pesticides Using the Microtox Test Application to Environmental Samples. *Bulletin of environmental contamination and toxicology* 59: 619-625.

Chemical of Concern: MLN; Habitat: AT

Ruiz, M. J., Redondo, M. J., and Font, G. (1997). Solid-Phase Extraction Disks for Determining Pesticides From Soil Leachates. *Journal of chromatography a* 776: 348-354.

Chemical of Concern: MLN; Habitat: T

Rupa, D. S., Reddy, P. P., and Reddi, O. S. (1989). Frequencies of Chromosomal Aberrations in Smokers Exposed to Pesticides in Cotton Fields. *Mutation Research/Genetic Toxicology* 222: 37-41.

Chemical of Concern: MLN; Habitat: T

Rupa, D. S., Reddy, P. P., Sreemannarayana, K., and Reddi, O. S. (1991). Frequency of Sister Chromatid Exchange in Peripheral Lymphocytes of Male Pesticide Applicators. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 18, no. 2, pp. 136-138. 1991.

Chemical of Concern: MLN; Habitat: T

Russom, C. L., Bradbury, S. P., Broderius, S. J., Hammermeister, D. E., and Drummond, R. A. (1997). Predicting Modes of Toxic Action From Chemical Structure: Acute Toxicity in the Fathead Minnow (*Pimephales Promelas*). *Environmental toxicology and chemistry* 16: 948-967.

Chemical of Concern: MLN; Habitat: A

Ryan, D. L. and Fukuto, T. R. (1984). The Effect of Isomalathion and O,S,S-Trimethyl Phosphorodithioate on the In Vivo Metabolism of Malathion in Rats. *Pestic.Biochem.Physiol.* 21: 349-357.

EcoReference No.: 38608

Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,ACC; Code: NO ENDPOINT(MLN).

Sabdon, A., Kang, S., Hur, H. G., Grossart, H. P., Simon, M., and Radjasa, O. K. (2007). Organophosphate Pesticide Concentrations in Coral Tissues of Indonesian Coastal Waters. *Pakistan Journal of Biological Sciences [Pakistan J. Biol. Sci.]*. Vol. 10, no. 11, pp. 1926-1929. 1 Jun 2007.

Chemical of Concern: MLN; Habitat: A

Sabik, H., Fouquet, A., and Proulx, S. (1997). Ultratrace Determination of Organophosphorus and Organonitrogen Pesticides in Surface Water. *Analusis* 25: 267-273.

Chemical of Concern: MLN; Habitat: AT

Sabin Lisa D, Schiff Kenneth C, Lim Jeong Hee, and Stolzenbach Keith D. (2005). Atmospheric Concentrations of Pah, Pesticides, and Other Semi-Volatile Organic Compounds in the Los Angeles Coastal Region.

Chemical of Concern: MLN; Habitat: A

Saccone, S. F., Hinrichs, A. L., Saccone, N. L., Chase, G. A., Konvicka, K., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O., Swan, G. E., Goate, A. M., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Martin, N. G., Montgomery, G. W., Wang, J. C., Ballinger, D. G., Rice, J. P., and Bierut, L. J. (Cholinergic Nicotinic Receptor Genes Implicated in a Nicotine Dependence Association Study Targeting 348 Candidate Genes With 3713 Snps. *Hum mol genet.* 2007, jan 1; 16(1):36-49. [Human molecular genetics]: *Hum Mol Genet.*

Chemical of Concern: MLN; Habitat: T

Sadhu, A. K., Chowdhury, D. K., and Mukhopadhyay, P. K. (1985). Relationship between Serum Enzymes, Histological Features and Enzymes in Hepatopancreas After Sublethal Exposure to Malathion and Phosphamidon in the Murrel *Channa striatus* (BL.). *Int.J.Environ.Stud.* 24: 35-41.

EcoReference No.: 11651

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sadhu, A. K. and Mukhopadhyay, P. K. (1985). Comparative Effect of Two Pesticides Malathion and Carbofuran on Testes of *Clarias batrachus* (Linn.). *J.Environ.Biol.* 6: 217-222.

EcoReference No.: 11554

Chemical of Concern: CBF,MLN; Habitat: A; Effect Codes: CEL,ACC,PHY; Code: NO ENDPOINT(ALL CHEMS).

Sadler, G., Pierce, D., Lawson, A., Suvannunt, D., and Senthil, V. (1996). Evaluating Organic Compound Migration in Poly(Ethylene Terephthalate): a Simple Test With Implications for Polymer Recycling. *Food additives*

and contaminants 13: 979-989.

Chemical of Concern: MLN; Habitat: AT

Saenz Barrio C, Sanz Asensio J, Plaza Medina M, Perez Clavijo M, and Galban Bernal J (1995). Evaluation of the Decay of Malathion, Dichlofluanid and Fenitrothion Pesticides in Apple Samples, Using Gas Chromatography. *Food chemistry* 52: 305-309.

Chemical of Concern: MLN; Habitat: T

Sahai, Y. N. and Gupta, R. (1990). Histopathological Changes Induced by BHC and Malathion in the Optic Tectum of *Oreochromis mossambicus* (Peters), Teleostei. *Environ.Concern.& Tiss.Injury Environ.Ser.* 4: 161-167.

EcoReference No.: 13287

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Sahai, Y. N. and Gupta, R. (1992). Residue Analysis of Some Pesticides in the Brain of a Teleost Fish *Heteropneustes fossilis* (Bloch). *J.Tissue Res.* 2: 35-41.

EcoReference No.: 13285

Chemical of Concern: HCCCH,MLN,ES,CBL; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(ALL CHEMS).

Sahai, Y. N. and Thakur, M. S. (1989). Effects of Malathion on the Saccus vasculosus of *Notopterus notopterus* (Pallas) and BHC on the Saccus Vasculosus of *Mystus vitattus* (Bloch.). *Environ.Strat.Biosci.* 19-28.

EcoReference No.: 14089

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Sahib, I. K. A. and Rao, K. R. S. (1988). Studies on Some Kinetic Parameters of Aminotransferases in Tissues of the Snail, *Pila globosa* (Swainson) During Malathion intoxication. *Acta Physiol.Hung.* 71: 31-34.

EcoReference No.: 13064

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A., Rao, K. R. S., and Rao, K. V. R. (1984). Effect of Malathion on Protein Synthetic Potentiality of the Tissues of the Teleost, *Tilapia mossambica* (Peters), As Measured Through Incorporation of [¹⁴C] Amino Acids. *Toxicol.Lett.* 20: 63-67.

EcoReference No.: 10108

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A., Rao, K. S. J., and Rao, K. V. R. (1981). Effect of Malathion Exposure on Some Physical Parameters of Whole Body and on Tissue Cations of Teleost, *Tilapia mossambica* (Peters). *J.Biosci.* 3: 17-21 (Author Communication Used).

EcoReference No.: 15171

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,PHY,BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A., Rao, K. S. P., Rao, K. R. S., and Rao, K. V. R. (1984). Sublethal Toxicity of Malathion on the Proteases and Free Amino Acid Composition in the Liver of the Teleost, *Tilapia mossambica* (Peters). *Toxicol.Lett.* 20: 59-62.

EcoReference No.: 10109

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A., Rao, K. S. P., Rao, K. R. S. S., and Rao, K. V. R. (1983). Regulation of Acidic and Basic Types of Proteins of a Teleost *Tilapia mossambica* Under Sublethal Malathion Impact. *Indian J.Fish.* 30: 314-319.

EcoReference No.: 4409

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A. and Rao, K. V. R. (1980). Correlation Between Subacute Toxicity of Malathion and Acetylcholinesterase Inhibition in the Tissues of the Teleost *Tilapia mossambica*. *Bull.EnvIRON.Contam.Toxicol.* 24: 711-718.

EcoReference No.: 5837

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sahib, I. K. A. and Rao, K. V. R. (1980). Toxicity of Malathion to the Freshwater Fish *Tilapia mossambica*. *Bull.EnvIRON.Contam.Toxicol.* 24: 870-874.

EcoReference No.: 2975

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Sahib, I. K. A., Swami, K. S., and Rao, K. V. R. (1980). Regulation of Glutamate Dehydrogenase, Ammonia and Free Amino Acids in the Tissues of the Teleost, *Tilapia mossambica* (Peters) Consequent to Sublethal Malathion Exposure: A Time Course Study. *Curr.Sci.* 49: 779-782.

EcoReference No.: 6620

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Saila Bala, T. and Basha Mohideen, M. (1992). Oxygen Consumption and Opercular Activity as Good Indicators of Pesticidal (Malathion and Methyl Parathion) Stress in Major Carp *Catla catla*. *Indian J.Comp.Anim.Physiol.* 10: 20-23.

EcoReference No.: 6753

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Sailatha, D., Sahib, I. K. A., and Rao, K. V. R. (1981). Toxicity of Technical and Commercial Grade Malathion to the Fish, *Tilapia mossambica* (Peters). *Proc.Indian Acad.Sci.Anim.Sci.* 90: 87-92.

EcoReference No.: 5349

Chemical of Concern: MLN; Habitat: A; Code: NO CONTROL(MLN) .

Sain, M., Krishnaiah, N. V., and Kalode, M. B. (1987). Effectiveness of Spray Formulations Against Rice Leaf Folder *Cnaphalocrocis medinalis* Guenee (Lepidoptera: Pyralidae). *Entomon* 12: 17-19.

EcoReference No.: 91494

Chemical of Concern: CPY,PPHD,FNTH,MP,MLN,DDVP,CBL,DMT; Habitat: T; Effect Codes: POP,MOR; Code: NO ENDPOINT(CPY,MP,MLN,CBL,DMT).

Saini, M. L. and Dorough, H. W. (1970). Persistence of Malathion and Methyl Parathion when Applied as Ultra-Low-Volume and Emulsifiable Concentrate Sprays. *J.Econ.Entomol.* 63: 405-408.

EcoReference No.: 65710

Chemical of Concern: MLN,MP; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(MLN,MP).

Saito, H., Iwami, S., and Shigeoka, T. (1991). In Vitro Cytotoxicity of 45 Pesticides to Goldfish Gf-Scale (Gfs) Cells. *Chemosphere* 23: 525-538.

Chemical of Concern: MLN; Habitat: A

Saito, T. (2004). Insecticide Susceptibility of the Leafminer, *Chromatomyia horticola* (Goureau) (Diptera: Agromyzidae). *Appl.Entomol.Zool.* 39: 203-208.

EcoReference No.: 97572

Chemical of Concern:

MDT,FNT,DDVP,TCF,TLM,EFX,CTD,IMC,TMX,LUF,TUZ,EMMB,SS,MBM,CFP,PMZ,DMT,ACP,MLN,MOM,PMR,CYR,FPN; Habitat: T; Effect Codes: MOR,GRO; Code: TARGET(EFX,DMT,ACP,MLN,PMR,CYR,FPN,IMC,MDT,DDVP,TCF,FNT,TUZ),NO ENDPOINT(TARGET-MOM).

Sajid, S. M. and Choudhary, S. S. (1986). Effects of Malathion on Mitosis in *Pisum sativum* L. *Cell Chromosome Res.* 9: 32-35.

EcoReference No.: 89135

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Sajjan, S. S., Sekhon, S. S., and Kanta, U. (1985). Efficacy of Some Important Insecticides Against *Pyrilla perpusilla* (Lophopidae: Homoptera) Infesting Maize. *J.Entomol.Res.* 9: 43-45.

EcoReference No.: 88984

Chemical of Concern: CBL,HCCH,DDVP,MLN,FNT,ES; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Saka, M., Iijima, K., Odanaka, Y., and Kato, Y. (1998). Supercritical Fluid Extraction of Pesticides in Fruits and Vegetables: Application of New Polymer Absorbent. *Journal of pesticide science* 23: 414-418.

Chemical of Concern: MLN; Habitat: T

Sakata K. and Miyata T. (1994). Biochemical Characterization of Carboxylesterase in the Small Brown Planthopper *Laodelphax Striatellus* (Fallen). *Pesticide Biochemistry and Physiology* 50: 247-256.

Chemical of Concern: MLN; Habitat: T

Salame, M. J. (1993). Demonstrating the Toxicological Impact of Malathion on Shrimp. *Aquac.Mag.(May/June)* 60-65.

EcoReference No.: 16751

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO; Code: NO ENDPOINT(MLN).

Salanki, J. and Van Bay, T. (1975). Sensory Input Characteristics at the Chemical Stimulation of the Lip in the Snail *Helix Pomatia* L. *Ann.Inst.Biol.(Tihany) Hung.Acad.Sci.* 42: 115-28.

Chemical of Concern: DZM,MLN; Habitat: T

Saleem, M. A. (1986). Toxicity of Fenvalerate Against a Malathion-Resistant and a Susceptible Strain of *Oryzaephilus surinamensis* L. *Biologia (Lahore)* 32: 119-126.

Chemical of Concern: EFV,MLN; Habitat: T; Code: TARGET (EFV,MLN).

Saleem, M. A., Shakoory, A. R., Falkous, G., Wilkins, R. M., Mantle, D., Ahmad, M., and Shakoory, A. R. (eds) (1994). In Vitro Effects of Insecticides on Proteolytic Enzyme Activities in Insecticide-Resistant and Susceptible Strains of *Musca Domestica*.

Chemical of Concern: MLN; Habitat: T

Saleh, M. A. (1991). Computer-Assisted Molecular Prediction of Metabolism and Environmental Fate of Agrochemicals. *Somasundaram, I. And J. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 148-160.

Chemical of Concern: MLN; Habitat: AT

Saleh, M. S., Kelada, N. L., and Abdeen, M. I. (1990). Factors Affecting Efficacy of Bacillus Thuringiensis H-14 Against Mosquito Larvae With Special Reference to the Joint Action of the Pathogen With Three Chemical Insecticides. *Anz schaedlingskd pflanzenschutz umweltschutz* 63: 10-13.

Chemical of Concern: MLN; Habitat: A

Sales, K. M., Doyle, K. M., Kingston, S. T., Atterwill, C. K., and Purcell, W. M. (1998). The Use of Hen Embryo Brains Spheroids to Investigate the Delayed Toxicity of the Organophosphates. *Proceedings of the british toxicology society annual congress, guilford, england, uk, april 19-22, 1998. Human & experimental toxicology* 17: 515.

Chemical of Concern: MLO; Habitat: T

Salo, J. E., Harrison, D., and Archibald, E. M. (1986). Removing Contaminants by Groundwater Recharge Basins. *Am water works assoc j* 78: 76-86.

Chemical of Concern: MLN; Habitat: AT

Salunkhe, G. N. (1985). Protection of Sorghum Seeds from Infestation of Rice Weevil. *J.Maharashtra Agric.Univ.* 10: 223.

EcoReference No.: 92261

Chemical of Concern: DDT,CBL,MLN,Captan; Habitat: T; Effect Codes: POP; Code: NO
ENDPOINT(DDT,Captan,TARGET-CBL,MLN).

Samaan, H. A., Sadek, M., El-Garawany, A. R. A., and Kandil, A. M. (1990). The Modification of the Subchronic Toxicity of Niridazole by Some Commonly Used Insecticides in Rats. *Egypt.J.Pharm.Sci.* 31: 365-374.

EcoReference No.: 89649

Chemical of Concern: MLN,CBL; Habitat: T; Effect Codes: MOR,CEL,BCM; Code: NO
MIXTURE(MLN,CBL).

Samimi, A. and Last, J. A. (1991). Inhibition of Lysyl Hydroxylase by Malathion and Malaoxon. *Toxicol appl pharmacol.* 2001, may 1; 172(3):203-9. [Toxicology and applied pharmacology]: Toxicol Appl Pharmacol.

Chemical of Concern: MLO; Habitat: T

Samimi, A. and Last, J. A. (2001). Mechanism of Inhibition of Lysyl Hydroxylase Activity by the Organophosphates Malathion and Malaoxon. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 176, no. 3, pp. 181-186. 1 Nov 2001.

Chemical of Concern: MLO; Habitat: AT

Sample, B. E. and Arenal, C. A. (1999). Allometric Models for Interspecies Extrapolation of Wildlife Toxicity Data. *Bulletin of environmental contamination and toxicology* 62: 653-663.

Chemical of Concern: MLN; Habitat: AT

Sampson, B. J., Stringer, S. J., and Spiers, J. M. (2002). Integrated Pest Management for *Dasineura oxycoccana* (Diptera: Cecidomyiidae) in Blueberry. *Environ.Entomol.* 31: 339-347.

EcoReference No.: 90645

Chemical of Concern: MLN,SS,PSM; Habitat: T; Effect Codes: MOR,POP; Code: OK
TARGET(MLN,PSM).

Sams, C. and Mason, H. J. (Detoxification of Organophosphates by a-Esterases in Human Serum. *Hum exp toxicol.* 1999, nov; 18(11):653-8. [*Human & experimental toxicology*]: *Hum Exp Toxicol.*

Chemical of Concern: MLO; Habitat: T

Samsoe-Petersen, L. (1983). Laboratory Method for Testing Side Effects of Pesticides on Juvenile Stages of the Predatory Mite, *Phytoseiulus persimilis* [Acarina, Phytoseiidae] Based on Detached Bean Leaves. *Entomophaga* 28: 167-178.

EcoReference No.: 94389

Chemical of Concern: TFR,Captan,CBD,PPX,FNV,PIRM,PMR,HCCH,DCF,MOM,MLN,TDF,VCZ;
Habitat: T; Effect Codes: MOR,REP; Code: NO CONTROL(ALL CHEMS),TARGET(PIRM,DCF).

Samsonov, Y. N., Makarov, V. N., and Koutsenogii, K. P. (1998). Physicochemical Model and Kinetics of Pesticide Constituent Evaporation Out of Multi-Ingredient Polydisperse Aerosols. *Pesticide science* 52: 292-302.

Chemical of Concern: MLN; Habitat: T

Samuel, A. (Effect of Malathion on Selected Insect and Mammalian Tissue Cultures. *Diss. Abstr. Int. (Part; 1)* 32(12): 7093; 1972.

Chemical of Concern: MLO; Habitat: T

Sanchez-Bayo, F. (2006). Comparative Acute Toxicity of Organic Pollutants and Reference Values for Crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environ.Pollut.* 139: 385-420.

Chemical of Concern: CBL,MTPN,PSM,PRN,MLN,DZ,BPH,TBF,PPG; Habitat: A

Sanchez, Paloma, Kubitz, Johanna, Peter Dohmen, G., and Tarazona, Jose V. (2006). Aquatic Risk Assessment of the New Rice Herbicide Profoxydim. *Environmental Pollution* 142: 181-189.

Chemical of Concern: MLN; Habitat: A

Sandbacka, M., Part, P., and Isomaa, B. (1999). Gill Epithelial Cells as Tools for Toxicity Screening Comparison Between Primary Cultures, Cells in Suspension and Epithelia on Filters. *Aquatic toxicology (amsterdam)* 46: 23-32.

Chemical of Concern: MLN; Habitat: A

Sanders, H. O. (1969). Toxicity of Pesticides to the Crustacean *Gammarus lacustris*. *Tech.Pap.No.25, U.S.D.I., Bur.Sports Fish.Wildl., Fish Wildl.Serv., Washington, D.C.* 18 p. (Author Communication Used)(Used with Reference 732) (Publ in Part As 6797).

EcoReference No.: 885

Chemical of Concern:

SZ,EDT,24DXY,AZ,CBL,CMPH,CPY,DBN,DMB,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PAQT,PR
T,TFN,RTN,NaN3,ATN,OXD,Captan; Habitat: A; Effect Codes: MOR; Code: LITE EVAL
CODED(CBL,AZ,DZ,MLT,SZ,DMT,RTN,NaN3,DMB,PRT,ATN),NO
CONTROL(MLN,Naled,OXD,Captan).

Sanders, H. O. and Cope, O. B. (1968). The Relative Toxicities of Several Pesticides to Naiads of Three Species of Stoneflies. *Limnol.Oceanogr.* 13: 112-117 (Author Communication Used) (Publ in Part As 6797).

EcoReference No.: 889

Chemical of Concern:

24DXY,AZ,CBL,CPY,DBN,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PYN,TFN,RTN,As,NaN3,ATN,OXD,Captan; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(Naled,OXD,Captan,MLN),LITE EVAL CODED(CBL,DZ,MLT,DMT,RTN,NaN3,ATN),OK(ALL CHEMS).

Sanders, H. O. and Cope, O. B. (1966). Toxicities of Several Pesticides to Two Species of Cladocerans. *Trans.Am.Fish.Soc.* 95: 165-169 (Author Communication Used) (Publ in Part As 6797).

EcoReference No.: 888

Chemical of Concern: 24DXY,CBL,DBN,DU,DZ,HCCH,MLN,Naled,CYT,PYN,TFN,RTN,As; Habitat: A; Effect Codes: PHY; Code: NO CONTROL(24DXY,CBL,DBN,DU,DZ,HCCH,MLN,Naled,CYT,PYN,TFN,RTN,As).

Sandhu, S. S., Waters, M. D., Simmon, V. F., Mortelmans, K. E., Mitchell, A. D., Jorgenson, T., Jones, D. C. L., Valencia, R., and Stack, F. (1985). Evaluation of the Genotoxic Potential of Certain Pesticides Used in Pakistan. *Basic Life Sci.* 34: 185-219.

EcoReference No.: 89882

Chemical of Concern:

PPN,DMB,24DXY,MZB,Zineb,Maneb,Captan,BMY,TCF,ACP,AZ,CBF,CPY,DZ,EN,MLN,MOM,MP,D S,FNTH,PMR,PRT,TFN,ETN; Habitat: T; Effect Codes: REP,CEL,PHY; Code: NO ENDPOINT(ALL CHEMS),NO BACTERIA(DZ,EN,PMR,MZB,Maneb,Zineb,24DXY,PPN,TFN,ETN).

Sanghi, R., Pillai, M. K. K., Jayalekshmi, T. R. , and Nair, A. (2003). Organochlorine and Organophosphorus Pesticide Residues in Breast Milk From Bhopal, Madhya Pradesh, India. *Human & Experimental Toxicology [Hum. Exp. Toxicol.]*. Vol. 22, no. 2, pp. 73-76. Feb 2003.

Chemical of Concern: MLN; Habitat: T

Sangwan, A. K., Chhabra, M. B., and Samantaray, S. (1988). Comparative Efficacy of Some Pesticides Against Hyalomma-Anatolicum-Anatolicum Ticks in-Vitro. *Indian vet j* 65: 1084-1087.

Chemical of Concern: MLN; Habitat: T

Sankararamakrishnan, Nalini, Kumar Sharma, Ajit, and Sanghi, Rashmi (2005). Organochlorine and Organophosphorous Pesticide Residues in Ground Water and Surface Waters of Kanpur, Uttar Pradesh, India. *Environment International* 31: 113-120.

Chemical of Concern: MLN; Habitat: A

Sannino, A., Mambriani, P., Bandini, M., and Bolzoni, L. (1995). Multiresidue Method for Determination of Organophosphorus Insecticide Residues in Fatty Processed Foods by Gel Permeation Chromatography. *Journal of aoac international* 78: 1502-1515.

Chemical of Concern: MLN; Habitat: T

Santodonato, J., Bosch, S., Meylan, W., Becker, J., and Neal, M. (Monograph on Human Exposure to Chemicals in

the Workplace: Malathion. *Center for chemical hazard assessment, syracuse research corporation, syracuse, new york, report no. Src-tr-84-1049, 35 pages, 59 references, 1985*1985.

Chemical of Concern: MLO; Habitat: T

Sapozhnikova, Yelena, Bawardi, Ola, and Schlenk, Daniel (2004). Pesticides and Pcb's in Sediments and Fish From the Salton Sea, California, Usa. *Chemosphere* 55: 797-809.

Chemical of Concern: MLN; Habitat: A

Saqib, T. A., Naqvi, S. N. H., Siddiqui, P. A., and Azmi, M. A. (2005). Detection of Pesticide Residues in Muscles, Liver and Fat of 3 Species of Labeo Found in Kalri and Haleji Lakes. *Journal of Environmental Biology [J. Environ. Biol.]*. Vol. 26, no. 2, suppl., pp. 433-438. Jun 2005.

Chemical of Concern: MLN; Habitat: A

Sarao, P. S. and Singh, G. (1998). Sublethal Influence of Insecticides on Reproduction of Mustard Aphid, *Lipaphis erysimi* (Kaltenbach). *J.Insect Sci.* 11: 5-8.

EcoReference No.: 89411

Chemical of Concern: MLN,CPY; Habitat: T; Effect Codes: REP,MOR; Code: OK(CPY,TARGET-MLN).

Sarode, S. V. and Gabhane, A. T. (1994). Performance of Neem Seed Kernel Extract with Reduced Insecticidal Dosage on the Infestation of Okra Fruit Borer, *Earias vittella* Fab. *J.Entomol.Res.* 18: 327-330.

EcoReference No.: 88983

Chemical of Concern: ES,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Sasaki, K., Matsuda, R., and Saito, Y. (1995). Disappearance of Pesticides Applied to Harvested Corn During Storage and Processing to Starch. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 36, no. 1, pp. 89-92. 1995.

Chemical of Concern: MLN; Habitat: AT

Sasaki, K., Sekita, H., Takeda, M., and Saitoh, Y. (1985). Studies on the Analysis of Pesticide Residues in Foods (Xliii). Organochlorine and Organophosphorus Pesticide Residues in Unpolished Rice Grain Imported From South Korea. *Bulletin of the National Institute of Hygienic Sciences Tok [BULL. NATL. INST. HYG. SCI., TOKYO.]*. no. 103, pp. 133-136. 1985.

Chemical of Concern: MLN; Habitat: AT

Sasaki, K., Suzuki, T., and Saito, Y. (1987). Simplified Cleanup and Gas Chromatographic Determination of Organophosphorus Pesticides in Crops. *J assoc off anal chem* 70: 460-464.

Chemical of Concern: MLN; Habitat: T

Sass, B. M., Smith, L. A., Huang, W. Mc, Rosansky, S. H., and Drescher, E. (Volatilization Modeling of Semivolatile Organic Compounds During Solidification Processes. *Gilliam, t. M. And c. C. Wiles (ed.). Astm stp, 1240. Stabilization and solidification of hazardous, radioactive, and mixed wastes; symposium, williamsburg, virginia, usa, november 1-5, 1993. Xii+731p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Isbn 0-8031-2020-0.; 0 (1240). 1996. 648-664.*

Chemical of Concern: MLN; Habitat: AT

Sasseville, D. N. (1993). Pesticide and Nitrogen Interactions and Tomato Nutrition. *Ph.D.Thesis, Univ.of Missouri, Columbia, MO* 186 p.

EcoReference No.: 99136

Chemical of Concern: MLN,TBO,CBF,CBL,BMY,ACO,MLX,PRT,Captan,GYP; Habitat: T; Effect Codes: PHY,BCM; Code: NO ENDPOINT(MLN,CBL,MLX,PRT,Captan,GYP,TBO,CBF).

Satoh, T. (1987). Role of Carboxylesterases in Xenobiotic Metabolism. *Hodgson, e., J. R. Bend and r. M. Philpot (ed.). Reviews in biochemical toxicology, 8. Xvi+296p. Elsevier science publishing co., Inc.: New york, new york, usa Elsevier science publishers b. V.: Amsterdam, netherlands. Illus. Isbn 0-444-01169-2.; 0: 155-182.*

Chemical of Concern: MLN; Habitat: T

Satoh, T. and DuBois, K. P. (1974). A Liver Arylamidase Extremely Sensitive to Organophosphorus Compounds. *Proc.Symp.Drug Metab.Action* 5: 163-173.

EcoReference No.: 93041

Chemical of Concern: FNT,PRN,MLN,TBF,MP; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(PRN,MP,MLN,FNT),NO IN VITRO(TBF).

Satpathy, G. and Behera, N. (1993). Effect of Malathion on Cellulase, Protease, Urease and Phosphatase Activities From a Tropical Grassland Soil of Orissa, India. *Journal of environmental biology* 14: 301-310.

Chemical of Concern: MLN; Habitat: AT

Sattar, M. A. (1992). Gas Chromatography of Organophosphorus Pesticides in Soils by Internal Standard Method. *Pak j sci ind res* 35: 442-444.

Chemical of Concern: MLN; Habitat: T

Saul, S., Zomer, E., and Charm, S. E. (1993). Charm Pesticide Test Rapid Screening Method for the Detection of Organophosphate and Carbamate Pesticides for Water Dairy Products Fruits Vegetables and Other Food Products. *80th annual meeting of the iamfes (international association of milk, food, and environmental sanitarians), atlanta, georgia, usa, august 1-4, 1993. Journal of food protection* 56: 898.

Chemical of Concern: MLN; Habitat: AT

Saul, S. J., Zomer, E., Puolpolo, D., and Charm, S. E. (1996). Use of a New Rapid Bioluminescence Method for Screening Organophosphate and N-Methylcarbamate Insecticides in Processed Baby Foods. *Journal of food protection* 59: 306-311.

Chemical of Concern: MLN; Habitat: AT

Savage, E. P. Jr, Bagby, J., Mounce, L. Jr, Williams, J., Cholas, P. H. Jr, and Cholas, G. Jr (Pesticide Poisonings in Rural Colorado. *Rocky mt. Med. J.*; 63(4): 29-33 1971; (ref:8).

Chemical of Concern: MLO; Habitat: T

Savitri, H., Reddy, M. S., and Reddy, B. M. (1998). Effect of Seed Treatment with Fungicides and Insecticides on Seed Borne Fungi, Storage Insect Pest, Seed Viability and Seedling Vigour of Groundnut. *Seed Res.* 26: 62-72.

EcoReference No.: 80745

Chemical of Concern: MZB,THM,Al,CBD,MLN,CBF,TCMTB; Habitat: T; Effect Codes: GRO,POP,MOR,REP; Code: LITE EVAL CODED(TCMTB),NO

CROP(MZB,MLN),OK(THM,Al,CBD,CBF).

Sawhney, A. K. and Johal, M. S. (2000). Effect of an Organophosphorous Insecticide, Malathion, on Pavement Cells of the Gill Epithelia of *Channa punctatus* (Bloch). *Pol.Arch.Hydrobiol.* 47: 195-203.

EcoReference No.: 89192

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,CEL; Code: NO CONTROL,NO ENDPOINT(MLN).

Sawhney, A. K. and Johal, M. S. (2000). Erythrocyte Alterations Induced by Malathion in *Channa punctatus* (Bloch). *Bull.EnvIRON.Contam.Toxicol.* 64: 398-405.

EcoReference No.: 53908

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Sawyer, T. W., Weiss, M. T., and Dickinson, T. (1996). Effect of Metabolism on the Anticholinesterase Activity of Carbamate and Organophosphate Insecticides in Neuron Culture. *In vitro toxicology* 9: 343-352.

Chemical of Concern: MLN; Habitat: T

Saxena, J. D., Srivastava, K. M., Rai, S., Sinha, S. R., and Paul, A. V. N. (1989). Base-Line Toxicity of Some Insecticides to a Laboratory Susceptible Strain of *Heliothis armigera* Hubner. *Indian J.Entomol.* 51 : 352-354.

EcoReference No.: 89564

Chemical of Concern: CYH,CYP,ES,FVL,MLN,FYT,FNV,DM; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS,TARGET-CYP,FVL,MLN).

Saxena, P. K., Singh, V. P., Kondal, J. K., and Soni, G. L. (1988). Effect of Malathion and Carbaryl on in-Vitro Lipid and Protein Synthesis by Liver of the Freshwater Teleost *Channa-Punctatus* B1. *Indian j exp biol* 26: 700-702.

Chemical of Concern: MLN; Habitat: A

Saxena, P. N. and Saxena, S. C. (1986). Acute Toxicity of 0,0-Dimethyl-S-Bis (Carboethoxy) Ethyl Phosphorodithioate to Dragon Fly (*Bradinopyga geminata*) Larvae, the Non Target Insect Species. *Indian Biol.* 18: 18-19.

EcoReference No.: 90673

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Saxena, R. C., Srivastava, R. P., Singh, R., and Srivastava, A. K. (1990). Studies on Residues of Insecticides in/on Locally Marketed Fruits and Vegetables. *Indian j entomol* 52: 258-264.

Chemical of Concern: MLN; Habitat: T

Saxena, S. C. and Saxena, P. N. (1985). Combined Effect of Malathion and Piperonyl Butoxide on *Periplaneta americana* L.: An Assessment Based on Knock-Down Response and Histopathological Observations. *Entomon* 10: 151-158.

EcoReference No.: 89611

Chemical of Concern: PPB,MLN; Habitat: T; Effect Codes: CEL,PHY; Code: NO ENDPOINT(PPB,TARGET-MLN).

Saxena, S. C. and Shanmugavel, S. (1985). Consequences of Endosulfan and Malathion Applied to Model Aquatic

Ecosystem. *Indian Biol.* 17: 33-36.

EcoReference No.: 90672

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: ACC; Code: NO CONTROL,NO ENDPOINT(MLN,ES).

Saxena, S. C. and Shanmugavel, S. (1985). On Persistence of Pesticides on Spinach. *Indian biol* 17: 1-3.

Chemical of Concern: MLN; Habitat: T

Saxton, W. L. (1987). Emergence Temperature Indices and Relative Retention Times of Pesticides and Industrial Chemicals Determined by Linear Programmed Temperature Gas Chromatography. *J chromatogr* 393: 175-194.

Chemical of Concern: MLN; Habitat: AT

Saym, F. (2008). Acute Toxic Effects of Malathion on the 21st Stage Larvae of the Marsh Frog. *Turk.J.Zool.* 32: 99-106.

Chemical of Concern: MLN; Habitat: A

Scaps, P., Demuynck, S., Descamps, M., and Dhainaut, A. (1997). Effects of Organophosphate and Carbamate Pesticides on Acetylcholinesterase and Choline Acetyltransferase Activities of the Polychaete Nereis diversicolor. *Arch.Environ.Contam.Toxicol.* 33: 203-208.

EcoReference No.: 18418

Chemical of Concern: MLN,PRN,PHSL,CBL; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(CBL),NO ENDPOINT(MLN,PRN,PHSL).

Scaps, P., Descamps, M., and Demuynck, S. (2002). Biochemical and Physiological Responses Induced by Toxics in Annelida: Utilization as Biomarkers. *Trends Comp.Biochem.Physiol.* 9: 165-173.

EcoReference No.: 88470

Chemical of Concern: Cd,Zn,CuCl,Pb,MLN,CBL,EPRN,PHSL; Habitat: AT; Effect Codes: BCM; Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Schaefer, G. A. (1994). The Changing Role of Pesticides in Pest Management. *Insect science and its application* 15: 583-598.

Chemical of Concern: MLN; Habitat: AT

Schaefer, G. A. (1991). Lygus Bugs. Ellis, m. A., Et al. (Ed.). *Disease compendium series: compendium of raspberry and blackberry diseases and insects*. Vi+100p. Aps (american phytological society) press: st. Paul, minnesota, usa. Illus. Paper. Isbn 0-89054-121-3. 0: 66-67.

Chemical of Concern: MLN; Habitat: T

Schaeffer, A. (1993). Pesticide Effects on Enzyme Activities in the Soil Ecosystem. Bollag, j.-M. And g. Stotzky (ed.). *Soil biochemistry*, vol. 8. Xi+418p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Isbn 0-8247-9044-8.; 0: 273-340.

Chemical of Concern: MLN; Habitat: T

Schafer, E. W. (1972). The Acute Oral Toxicity of 369 Pesticidal, Pharmaceutical and Other Chemicals to Wild Birds. *Toxicol.Appl.Pharmacol.* 21: 315-330.

EcoReference No.: 38655

Chemical of Concern:

Ziram,AN,BZO,BZC,Captan,THM,ZINEB,CYT,SFL,MAL,MRX,ACL,MLN,ABT,CBZ,MCB,CBL,CMP
H,HCCH,EN,AND,ES,NP,TCF,CPY,DDVP,PPHD,DCTP,DS,PRT,DMT,AZ,PSM,ETN,DEM,DZ,FNTH,
MP,NCTN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS),NO COC(4AP).

Schafer, E. W. Jr. and Bowles, W. A. Jr. (1985). Acute Oral Toxicity and Repellency of 933 Chemicals to House and Deer Mice. *Arch.Environ.Contam.Toxicol.* 14: 111-129.

EcoReference No.: 35426

Chemical of Concern:

ADC,CST,MOM,CPC,ZnP,DOD,MLN,Cu,AQS,CuCO,RSM,ACL,4AP,DZ,As,IAA,CBL,DNB,Captan,Fo
lpet,CAP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Schanker, H. M., Rachelefsky, G., Siegel, S., Katz, R., Spector, S., Rohr, A., Rodriquez, C., Woloshin, K., and Papanek, P. J Jr (1992). Immediate and Delayed Type Hypersensitivity to Malathion. *Ann allergy* 69: 526-528.

Chemical of Concern: MLN; Habitat: T

Schattenberg, H. J Iii, Geno, P. W., Hsu, J. P., Fry, W. G., and Parker, R. P. (1996). Effect of Household Preparation on Levels of Pesticide Residues in Produce. *Journal of aoac international* 79: 1447-1453.

Chemical of Concern: MLN; Habitat: T

Schattenberg, H. J Iii and Hsu, J. P. (1992). Pesticide Residue Survey of Produce From 1989 to 1991. *J aoac (assoc off anal chem) int* 75: 925-933.

Chemical of Concern: MLN; Habitat: T

Scheifele, D. W., Hunter, M. I., Bortolussi, R. A., Gold, R., Macdonald, N. Ne, Mills, E. L., and Rola-Pleszczynski, M. (1985). Pediculosis Capitis Head Lice. *Can med assoc j* 133: 741-742 .

Chemical of Concern: MLN; Habitat: T

Schenck, F. J. and Wagner, R. (1995). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Milk Using Matrix Solid Phase Dispersion (Mspd) Extraction and Gas Chromatographic Determination. *Food additives and contaminants* 12: 535-541.

Chemical of Concern: MLN; Habitat: AT

Schenck, F. J., Wagner, R., Hennessy, M. K., and Okrasinski, J. L Jr (1994). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Eggs Using a Solid-Phase Extraction Cleanup and Gas Chromatographic Detection. *Journal of aoac international* 77: 1036-1040.

Chemical of Concern: MLN; Habitat: AT

Schiffman, S. S., Suggs, M. S., Donia, M. B. A., Erickson, R. P., and Nagle, H. T. (1995). Environmental Pollutants Alter Taste Responses in the Gerbil. *Pharmacol.Biochem.Behav.* 52: 189-194.

EcoReference No.: 74836

Chemical of Concern:

CBF,PYT,MTM,ACP,CPY,DEM,MLN,CBL,FNV,PAQT,GYP,SMM ; Habitat: T;

Effect Codes: PHY; Code: NO ENDPOINT(ALL CHEMS).

Schilter, B., Renwick, A. G., and Huggett, A. C. (1996). Limits for Pesticide Residues in Infant Foods: a Safety Based Proposal. *Regulatory toxicology and pharmacology* 24: 126-140.

Chemical of Concern: MLN; Habitat: T

Schlenk, D., Sapozhnikova, Y., Baquirian, J. P., and Mason, A. (2002). Predicting Chemical Contaminants in Freshwater Sediments Through the Use of Historical Biochemical Endpoints in Resident Fish Species. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 21, no. 10, pp. 2138-2145. Oct 2002.

Chemical of Concern: MLN; Habitat: A

Schmid, R. D., Gebbert, A., Kindervater, R., and Kraemer, P. (1991). Biosensors for Analysis of Pesticides in Water. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 15-20.

Chemical of Concern: MLO; Habitat: A

Schmidt, A. C., Romme, R. C., Brack, V., and Tyrell, K. (1999). Bioaccumulation of Pesticides in Bats Collected From Missouri. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 92.

Chemical of Concern: MLN; Habitat: T

Schmitt, P., Garrison, A. W., Freitag, D., and Kettrup, A. (1997). Application of Cyclodextrin-Modified Micellar Electrokinetic Chromatography to the Separations of Selected Neutral Pesticides and Their Enantiomers. *Journal of chromatography a* 792: 419-429.

Chemical of Concern: MLN; Habitat: T

Schnelle, M. A. and Hensley, D. L. (1990). Effects of Pesticides upon Nitrogen Fixation and Nodulation by Dry Bean. *Pestic.Sci.* 28: 83-88.

EcoReference No.: 53973

Chemical of Concern:

CTN,Captan,BMY,FNV,SXD,DCF,MLN,BT,TFN,ACR,Maneb,EPTC,PNB,ES,DZ,CBL; Habitat: T;
Effect Codes: BCM,GRO; Code: LITE EVAL CODED(DZ),NO
CROP(CTN,Captan,MLN,Maneb),OK(ALL CHEMS,TARGET-CBL).

Schoettger, R. A. (1970). Fish-Pesticide Research Laboratory. *U.S.Dep.Interior, Bur.Sport Fish.Wildl.Res., Publ.* 106: 2-40 (Publ in Part As 6797).

EcoReference No.: 6615

Chemical of Concern: RSM,SZ,CBL,CPY,HCCH,MLN,MP,Naled,24DXY,MCPB,ATM; Habitat: A;
Effect Codes: SYS,ACC,MOR,BCM,POP; Code: NO
CONTROL(RSM,SZ,CBL,CPY,HCCH,MLN,MP,Naled,24DXY,MCPB,ATM).

Schomburg, C. J., Glotfelty, D. E., and Seiber, J. N. (1989). Pesticide Concentrations in Coastal Fog Collected Near Monterey California Usa. *198th acs (american chemical society) national meeting, miami beach, florida, usa, september 10-15, 1989. Abstr pap am chem soc* 198: Agro 96.

Chemical of Concern: MLN; Habitat: AT

Schwartz, P. H., Hickey, L. A., Hamilton, D. W., and Ladd, T. L. Jr. (1969). Combinations of Insecticides and Baits for the Japanese Beetle. *J.Econ.Entomol.* 62: 738-740 .

EcoReference No.: 91309

Chemical of Concern: ETN,CBL,DDVP,TCF,PSM,Naled,MLN; Habitat: T; Effect Codes: MOR,BEH; Code: OK TARGET(CBL,PSM,MLN,Naled).

Scirocchi, A. and D'Erme, A. (1980). Toxicity of Seven Insecticides on Some Species of Fresh Water Fishes. *Riv.Parassitol.* 41: 113-121 (ENG ABS) (ITA).

EcoReference No.: 5165

Chemical of Concern: MLN; Habitat: A; Code: NO FOREIGN,NO CONTROL(MLN).

Scott, D., Galloway, S. M., Marshall, R. R., Ishidate, M. Jr, Brusick, D., Ashby, J., and Myhr, B. C. (1991). Genotoxicity Under Extreme Culture Conditions a Report From Icpemc Task Group 9. *Mutat res* 257: 147-205.

Chemical of Concern: MLN; Habitat: T

Scott, G. I., Baughman, D. S., Trim, A. H., and Dee, J. C. (1987). Lethal and Sublethal Effects of Insecticides Commonly Found in Nonpoint Source Agricultural Runoff to Estuarine Fish and Shellfish. In: *W.B.Vernberg, A.Calabrese, F.P.Thurberg, and F.J.Vernberg (Eds.), Pollution Physiology of Estuarine Organisms, Univ.of SC Press, Columbia, SC* 251-273.

EcoReference No.: 4909

Chemical of Concern: ES,MLN,FNV; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(ES,MLN,FNV).

Scott, J. G., Cochran, D. G., and Siegfried, B. D. (1990). Insecticide Toxicity, Synergism, and Resistance in the German Cockroach (Dictyoptera: Blattellidae). *J.Econ.Entomol.* 83: 1698-1703.

EcoReference No.: 64293

Chemical of Concern: PPX,PMR,MLN,DM,CYP,CPY,BDC,PYN,PPB,DEF; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),NO MIXTURE(PPB,DEF),TARGET(MLN,CYP).

Scott, S. P., Keeling, R. L., James, H., Waggott, A., and Whittle, P. (1988). The Use of Low Cost Mass Spectrometers for the Analysis of Organic Micropollutants in Water. *Angeletti, g. And a. Bjorseth (ed.). Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 2-13.

Chemical of Concern: MLN; Habitat: AT

Scrimshaw, M. D. and Lester, J. N. (1996). The Occurrence and Effects of Organic Micropollutants in Salt Marsh Sediments With Reference to the Uk Essex Coast: a Review. *Environmental technology* 17: 951-964.

Chemical of Concern: MLN; Habitat: A

Seawright, J. A., Birky, B. K., and Smittle, B. J. (1986). Use of a Genetic Technique for Separating the Sexes of the Stable Fly Stomoxys-Calcitrans Diptera Muscidae. *J econ entomol* 79: 1413-1417.

Chemical of Concern: MLN; Habitat: T

Sedlacek, J. D., Barney, R. J., Weston, P. A., and Price, B. D. (1998). Efficacy of Malathion Against Coleopteran Populations in Newly-Harvested Versus Year-Old Stored Corn. *J.Entomol.Sci.* 33: 282-291.

EcoReference No.: 72749

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: TARGET(MLN).

Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Foetal Rat Brain. *Toxicology in Vitro* 3: 111-122.

Chemical of Concern: MLO; Habitat: RODE

Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Fetal Rat Brain. *Toxicol in vitro* 3: 111-122.

Chemical of Concern: MLO; Habitat: T

Segal, L. M. and Fedoroff, S. (1989). Cholinesterase Inhibition by Organophosphorus and Carbamate Pesticides in Aggregate Cultures on Neural Cells From the Foetal Rat Brain: the Effects of Metabolic Activation and Pesticide Mixtures. *Toxicology In Vitro [TOXICOL. IN VITRO.]*. Vol. 3, no. 2, pp. 123-128. 1989.

Chemical of Concern: MLN; Habitat: T

Segawa, R. T., Sitts, J. A., White, J. H., Marade, S. J., Powell, S. J., and California Dep. of Food and Agriculture, Sacramento CA (USA) (1991). Environmental Monitoring of Malathion Aerial Applications Used to Eradicate Mediterranean Fruit Flies in Southern California, 1990.

Chemical of Concern: MLN; Habitat: T

Seibert, H., Morchel, S., and Gulden, M. (2002). Factors Influencing Nominal Effective Concentrations of Chemical Compounds in Vitro: Medium Protein Concentration. *Toxicology in Vitro* 16: 289-297.

Chemical of Concern: MLN; Habitat: T

Seifert, J. and Casida, J. E. (1978). Relation of Yolk Sac Membrane Kynurenine Formamidase Inhibition to Certain Teratogenic Effects of Organophosphorus Insecticides and of Carbaryl and Eserine in Chicken Embryos. *Biochem.Pharmacol.* 27: 2611-2615.

EcoReference No.: 38708

Chemical of Concern: MLN,PRT,DCTP,DZ,CBL,MTM; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(ALL CHEMS).

Self, L. S., Shim, J. C., and Jolivet, P. (1974). Susceptibility of *Culex tritaeniorhynchus* and Six Other Mosquitoes to Insecticides in Korea. *Cah.O.R.S.T.O.M.Ser.Entomol.Med.Parasitol.* 12: 81-92.

EcoReference No.: 46276

Chemical of Concern: FNT,MLN,DDT,DLD,HCCH,PPX,FNTH,Naled,CPY,MP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(TARGET-MLN,Naled,CPY,MP).

Self, L. S. and Tun, M. M. (1970). Summary of Field Trials in 1964-69 in Rangoon, Burma, of Organophosphorus Larvicides and Oils Against *Culex pipiens fatigans* Larvae in Polluted Water. *Bull.W.H.O.* 43: 841-851.

EcoReference No.: 63216

Chemical of Concern: TMT,CPY,ABT,FNTH,PRN,FNT,DDVP,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Semel, M. (1959). Control of the Corn Earworm Attacking Sweet Corn. *J.Econ.Entomol.* 52: 1111-1114.

EcoReference No.: 71074

Chemical of Concern: DDT,EN,CBL,ES,DZ,TXP,HPT,MLN; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET(DZ,MLN,CBL).

Senapati, B. K., Biswal, J., Pani, S. C., and Sahu, S. K. (1992). Ecotoxicological Effects of Malathion on Earthworms. *Soil Biol.Biochem.* 24: 1719-1722.

EcoReference No.: 89078

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,REP,MOR,PHY; Code: NO ENDPOINT(MLN).

Senesi, N. and Chen, Y. (1989). Interactions of Toxic Organic Chemicals With Humic Substances. *Gerstl, z., Et al. (Ed.). Ecological studies, vol. 73. Toxic organic chemicals in porous media* Second international workshop on behavior of pollutants in porous media, bet dagan, israel, june 1987. Xiv+343p. Springer-verlag: berlin, west germany; new york, new york, usa. Illus. Isbn 3-540-50799-x; isbn 0-387-50799-x.; 0: 37-90.

Chemical of Concern: MLN; Habitat: AT

Sengupta, P. K., Chakrabarti, A., and Banerjee, S. K. (1986). Biochemical Changes Induced by Toxic Concentration of Malathion in Germinating Wheat Seeds. *Curr.Sci.(Bangalore)* 55: 492-494.

EcoReference No.: 89505

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM; Code: NO CROP(MLN).

Setakana, P. and Tan, K. H. (1991). Insecticide Resistance and Multi-Resistance in Two Strains of Culex quinquefasciatus Say Larvae in Penang, Malaysia. *Mosquito-Borne Dis.Bull.* 8: 40-44.

EcoReference No.: 45077

Chemical of Concern: DDT,MLN,DZ,CYP,FNT,DLD,PMR,PPX; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Seth, V., Banerjee, B. D. *, Bhattacharya, A., Pasha, S. T., and Chakravorty, A. K. (2001). Pesticide Induced Alterations in Acetylcholine Esterase and Gamma Glutamyl Transpeptidase Activities and Glutathione Level in Lymphocytes of Human Poisoning Cases. *Clinical Biochemistry [Clin. Biochem.]. Vol. 34, no. 5, pp. 427-429. Jul 2001.*

Chemical of Concern: MLN; Habitat: T

Shah, A. H. and Guthrie, F. E. (1970). Penetration of Insecticides Through the Isolated Midgut of Insects and Mammals. *Comparative and General Pharmacology* 1: 391-399.

Chemical of Concern: MLN; Habitat: T

Shah, A. H. and Guthrie, F. E. (Role of Polarity of Insecticides in Penetration Through the Isolated Midgut of Insects and Mammals. *Indian j agric chem; 18 (1). 1985 (recd. 1986). 153-156.*

Chemical of Concern: MLN; Habitat: T

Shah, A. H. Jr and Guthrie, F. E. Jr (In Vitro Metabolism of Insecticides During Midgut Penetration. *Pestic. Biochem. Physiol.; 1(1): 1-10 1971; (ref:46).*

Chemical of Concern: MLO; Habitat: T

Shah, P. H. and Dubale, M. S. (1983). Biochemical Changes Induced by Malathion in the Body Organs of Channa punctatus. *J.Anim.Morphol.Physiol.* 30: 107-118.

EcoReference No.: 89366

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Shah, P. V. and Guthrie, F. E. (1973). Penetration of Insecticides Through Isolated Sections of the Mouse Digestive System: Effects of Age and Region of Intestine. *Toxicology and Applied Pharmacology* 25: 621-624.

Chemical of Concern: MLN; Habitat: T

Shah, P. V., Monroe, R. J., and Guthrie, F. E. (1981). Comparative Rates of Dermal Penetration of Insecticides in Mice. *Toxicol.Appl.Pharmacol.* 59: 414-423.

EcoReference No.: 88947

Chemical of Concern: MLN,PMR,PRN,MOM,CBL,DDT,DLD,NCTN,CPY,CBF; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(ALL CHEMS).

Shakoori, A. R., Zaheer, S. A., and Ahmad, M. S. (1976). Effect of Malathion, Dieldrin and Endrin on Blood Serum Proteins and Free Amino Acids Pool of *Channa punctatus* (Bloch). *Pak.J.Zool.* 8: 125-134.

EcoReference No.: 5883

Chemical of Concern: MLN,EN,DLD; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT(MLN,EN,DLD).

Shalaby, A. A., Mostafa, A. A., and Allam, K. A. M. (2002). Field Studies on the Susceptibility of Housefly to Certain Insecticides in Nine Egyptian Governorates. *J.Egypt.Soc.Parasitol.* 32: 91-97.

EcoReference No.: 70112

Chemical of Concern: RSM,DZ,MLN,FNTH,DM,BRSM; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),OK TARGET(MLN,DZ,RSM).

Shankaraiah, K. and Sitamahalakshmi, N. (1986). Dependent Metabolic Responses of Fish, *Channa Punctatus* During Malathion Toxicity. *Fed.Proc.* 45: 916.

Chemical of Concern: MLN; Habitat: A

Shankaraiah, K. and Sitamahalakshmi, N. (1986). Size Dependent Metabolic Responses of Fish *Channa-Punctatus* During Malathion Toxicity. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 916.

Chemical of Concern: MLN; Habitat: A

Shanks, C. H Jr, Antonelli, A. L., and Congdon, B. D. (1992). Effect of Pesticides on Twospotted Spider Mite (Acari: Tetranychidae) Populations on Red Raspberries in Western Washington. *Agric ecosyst environ* 38: 159-165.

Chemical of Concern: MLN; Habitat: T

Shaonan, L., Xianchuan, X., Guonian, Z., and Yajun, T. (2004). Kinetic Characters and Resistance to Inhibition of Crude and Purified Brain Acetylcholinesterase of Three Freshwater Fishes by Organophosphates. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 68, no. 4, pp. 293-299. 14 Jul 2004.

Chemical of Concern: MLN; Habitat: A

Sharma, C. B Sr and Panneerselvam, N. (1990). Genetic Toxicology of Pesticides in Higher Plant Systems. *Crit rev plant sci* 9: 409-442.

Chemical of Concern: MLN; Habitat: T

Sharma, D. C. and Singh, M. (1993). Residual Toxicity of Insecticides on Cabbage Caterpillar (*Pieris brassicae*) and

Their Dissipation on Cauliflower (*Brassica oleracea* Convar. *Botrytis* var. *Botrytis*). *Indian J.Agric.Sci.* 63: 59-63.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Sharma, R. K., Shandilya, S., and Sharma, S. (1983). Observations on the Effect of Malathion on the Mortality of Fish, *Clarias batrachus* (Linn.). *Comp.Physiol.Ecol.* 8: 155-156.

EcoReference No.: 10665

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO
ENDPOINT,CONTROL(MLN).

Sharma, R. S., Sharma, S. N., and Kumar, A. (2003). Susceptibility Status of Japanese Encephalitis Vectors in Kurnool and Mehboobnagar Districts of Andhra Pradesh, India. *J.Communi.Dis.* 35: 118-122.

EcoReference No.: 101165

Chemical of Concern: DDT,MLN,CYF,DM,TMP,FNTH; Habitat: AT; Effect Codes: MOR; Code: NO
ENDPOINT(MLN,CYF,TMP).

Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1983). A New Specific Spot Test for the Detection of Malathion in Water. *Water Research* 17: 471-473.

Chemical of Concern: MLN; Habitat: A

Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1987). Studies on Removal of Malathion From Water by Means of Activated Charcoal. *Ecotoxicology and Environmental Safety* 14: 22-29.

Chemical of Concern: MLN; Habitat: A

Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1985). Effect of Different Saline, Alkaline Salts, Fertilizers, and Surfactants on the Movement of Some Phosphorus-Containing Pesticides in Soils. *Ecotoxicology and Environmental Safety* 10: 339-350.

Chemical of Concern: MLN; Habitat: AT

Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1986). Effect of Different Salt Leachates on the Movement of Some Phosphorus Containing Pesticides in Soils Using Thin-Layer Chromatography. *Ecotoxicol environ saf* 11: 229-240.

Chemical of Concern: MLN; Habitat: AT

Sharma, S. S., Dahiya, A. S., and Verma, A. N. (1993). Comparative Efficacy of Various Insecticides Against *Helicoverpa Armigera* on Tomato in Haryana. *Indian J.Plant Prot.* 21: 198-200.

EcoReference No.: 90795

Chemical of Concern: MLN,FNV,DCM,CYP,PHSL,FNTH,FNT,DDVP,CPY,ES,HCCH; Habitat: T;
Effect Codes: POP; Code: NO CROP(MLN),OK(FNV,CYP,CPY).

Sharma, V. K., Jadhav, R. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1990). High Performance Liquid Chromatographic Method for the Analysis of Organophosphorus and Carbamate Pesticides. *Forensic Science International* 48: 21-25.

Chemical of Concern: MLN; Habitat: T

Sharma, V. K. and Kaur, S. (1990). Contact Sensitization by Pesticides in Farmers. *Contact dermatitis* 23: 77-80.

Chemical of Concern: MLN; Habitat: T

Shaver, T. N. and Wolfenbarger, D. A. (An Infrared Spectrophotometric Technique for Determining Residues of Several Organo-Phosphorus Insecticides From Cotton Foliage. *J. Econ. Entomol.*; 66(2): 332-336; 1973 ; (ref:11).

Chemical of Concern: MLO; Habitat: T

Shearer, P. W. and Usmani, K. A. (2001). Sex-Related Response to Organophosphorus and Carbamate Insecticides in Adult Oriental Fruit Moth, *Grapholita molesta*. *Pest Manag.Sci.* 57: 822-826.

EcoReference No.: 64299

Chemical of Concern: MOM,MLN,PRN,AZ; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MLN,AZ),TARGET(MOM).

Shen, B. and Shen, Q. (1991). Pesticide Pollution. *J environ sci (china)* 3: 31-48.

Chemical of Concern: MLN; Habitat: AT

Shen, S. K. and Dowd, P. F. (1991). Detoxification Spectrum of the Cigarette Beetle Symbiont *Symbiotaphrina Kochii* in Culture. *Entomologia Experimentalis et Applicata [ENTOMOL. EXP. APPL.]*. Vol. 60, no. 1, pp. 51-59. 1991.

Chemical of Concern: MLN; Habitat: T

Shen, S. K. and Dowd, P. F. (1989). Xenobiotic Induction of Esterases in Cultures of the Yeast-Like Symbiont From the Cigarette Beetle. *Entomol exp appl* 52: 179-184.

Chemical of Concern: MLN; Habitat: T

Sherekar, P. Y. and Kulkarni, K. M. (1988). Comparative Evaluation of Some Organophosphate Pesticide Toxicity to the Fish *Channa orientalis*. *Environ.Ecol.* 6: 877-880.

EcoReference No.: 799

Chemical of Concern: DS,MLN,MP,PPHD; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(ALL CHEMS).

Sherma, J. (1991). Pesticides. *Anal chem* 63: 118r-130r.

Chemical of Concern: MLN; Habitat: AT

Sherma, J. (1999). Recent Advances in Thin-Layer Chromatography of Pesticides. *Journal of aoac international* 82: 48-54.

Chemical of Concern: MLN; Habitat: AT

Sherma, J. and Bretschneider, W. (1990). Determination of Organophosphorus Insecticides in Water by C-18 Solid Phase Extraction and Quantitative Tlc. *J liq chromatogr* 13: 1983-1990.

Chemical of Concern: MLN; Habitat: AT

Sherry, J. P., Carron, J., Leger, D., Kohli, J., and Wilkinson, R. (1993). An Msd-Based Method for the Detection of Chlorinated Dibenzo-P-Dioxins and Chlorinated Dibenzofurans in Fish. *Chemosphere* 27: 651-664.

Chemical of Concern: MLN; Habitat: A

Shiau, S. Y., Huff, R. A., Wells, B. C., and Felkner, I. C. (1980). Mutagenicity and Dna-Damaging Activity for Several Pesticides Tested With *Bacillus Subtilis* Mutants. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 71: 169-179.

Chemical of Concern: MLN; Habitat: T

Shibuya, S. (1994). Lowered Susceptibility to Some Carbamates and Malathion in the Green Rice Leafhopper, *Nephotettix Cincticeps* Uhler, Caused by Systemic Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 38, no. 2, pp. 121-124. 1994.

Chemical of Concern: MLN; Habitat: AT

Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Alfalfa Weevil Control in Alfalfa, 1990. *Insect.Acaric.Tests* 16: 138 (22F).

EcoReference No.: 90677

Chemical of Concern: PMR,EFV,CYF,CPY,MP,CBF,MOM; Habitat: T; Effect Codes: POP; Code: OK TARGET(MOM,MP,EFV),NO COC(MLN).

Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Insecticide Efficacy in Alfalfa, 1989. *Insectic.Acaric.Tests* 16: 138-139 (23F).

EcoReference No.: 90653

Chemical of Concern: CYF,MXC,PMR,EFV,DMT,CBF,PSM,CPY,MLN,MP; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Shim, J. C., Hong, H. K., and Lee, D. K. (1995). Susceptibilities of *Culex tritaeniorhynchus* Larvae (Culicidae, Diptera) to Insecticides. *Korean J.Entomol.* 25: 13-20 (JPN) (ENG ABS).

EcoReference No.: 100506

Chemical of Concern: TMP,CBF,PMR,FNT,CYH,CYP,DM,FNTH,CPY,DZ,Naled,PIRM,MLN; Habitat: A; Code: NO FOREIGN(TMP,CBF,PMR,FNT,CYH,CYP,CPY,DZ,Naled,PIRM,MLN).

Shim Jea-Chul, Hong Han-Kee, Koo Sung-Hoi, and Lee Dong-Kyu (1995). Susceptibilities of *Anopheles Sinensis* Larvae (Culicidae, Diptera) to Various Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 69-76. 1995.

Chemical of Concern: MLN; Habitat: AT

Shim Jea-Chul, Hong Han-Kee, and Lee Dong-Kyu (1995). Susceptibilities of *Culex Tritaeniorhynchus* Larvae (Culicidae, Diptera) to Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 13-20. 1995.

Chemical of Concern: MLN; Habitat: AT

Shimada, E., Yoshida, M., Yamanaka, S., Aoyama, H., and Yamamura, Y. (1986). Erythrocyte and Plasma Cholinesterase Activities on Poisoning of Disyston, Fenitrothion and Malathion. *Japanese Journal of Industrial Health [JAP. J. IND. HEALTH.]*. Vol. 28, no. 5, pp. 368-369. 1986.

Chemical of Concern: MLN; Habitat: AT

Shirai, T. (1997). A Medium-Term Rat Liver Bioassay as a Rapid in Vitro Test for Carcinogenic Potential: a Historical Review of Model Development and Summary of Results From 291 Tests. *Toxicologic pathology*

25: 453-460.

Chemical of Concern: MLN; Habitat: T; Code: NO REVIEW(MLN).

Showler, A. T. and Potter, C. S. (1991). Synopsis of the 1986-1989 Desert Locust (Orthoptera: Acrididae) Plague and the Concept of Strategic Control. *Am entomol* 37: 106-110.

Chemical of Concern: MLN; Habitat: T

Shufran, R. A., Wilde, G. E., and Sloderbeck, P. E. (1997). Response of Three Greenbug (Homoptera: Aphididae) Strains to Five Organophosphorous and Two Carbamate Insecticides. *J.Econ.Entomol.* 90: 283-286.

EcoReference No.: 63055

Chemical of Concern: MOM,DS,DMT,CPY,MLN,PRN,CBF; Habitat: T; Effect Codes: MOR; Code: OK TARGET(DMT,MLN),TARGET(MOM).

Shukla, J. P. (1988). Malathion Induced Biochemical Alterations in the Liver of the Fingerlings of *Channa punctatus* (Bl.). *Acta Hydrochim.Hydrobiol.* 16: 621-624.

EcoReference No.: 389

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BEH; Code: NO ENDPOINT(MLN).

Shukla, J. P., Banerjee, M., and Pandey, K. (1987). Deleterious Effects of Malathion on Survivality and Growth of the Fingerlings of *Channa punctatus* (Bloch.), a Freshwater Murrel. *Acta Hydrochim.Hydrobiol.* 15 : 653-657.

EcoReference No.: 5347

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,BEH; Code: NO CONTROL,ENDPOINT(MLN).

Shukla, L. and Pandey, A. K. (1984). Effects of Three Insecticides on the Histoarchitecture of Pituitary Gland in *Sarotherodon mossambicus*. *Uttar Pradesh J.Zool.* 4: 201-204.

EcoReference No.: 65594

Chemical of Concern: DDT,MLN,HCCH; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(DDT,MLN,HCCH).

Shukla, L., Shrivastava, A., Merwani, D., and Pandey, A. K. (1984). Effect of Sublethal Malathion on Ovarian Histophysiology in *Sarotherodon mossambicus*. *Comp.Physiol.Ecol.* 9: 13-17.

EcoReference No.: 11004

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Sicbaldi, F., Sarra, A., and Copeta, G. L. (1997). Diatomaceous Earth-Assisted Extraction for the Multiresidue Determination of Pesticides. *Journal of chromatography a* 765: 23-30.

Chemical of Concern: MLN; Habitat: AT

Siddappaji, C., Kumar, A. R. V., and Gangadharaiah (1986). Evaluation of Different Insecticidal Sprays Against the Chickpea *Heliothis armigera* (Hubner). *Pesticides* 20: 13-16.

EcoReference No.: 89154

Chemical of Concern: ES,CBL,FNT,PHSL,MLN,MP,FNV,PMR,CYP,DCM,CPY; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),OK TARGET(CBL),NO CROP(TARGET-MLN),NO CROP(MP).

Sidhu, A. S. and Simwat, G. S. (1973). Evaluation of Some New Insecticides for the Control of *Amrasca devastans* (Distant) Infesting Okra, *Abelmoschus esculentus* (L.). *Indian J. Entomol.* 35: 297-299.

EcoReference No.: 54194

Chemical of Concern: DDT,CBL,MLN,FNT,TCF,ES; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MLN,CBL).

Sikkema, J., De Bont J Am, and Poolman, B. (1995). Mechanisms of Membrane Toxicity of Hydrocarbons. *Microbiological reviews* 59: 201-222.

Chemical of Concern: MLN; Habitat: T

Simic, B., Bogojevic, D., Trikić, S., and Kniewald, J. (1992). Testosterone Metabolism and Formation of Cytosol 5alpha-Dihydrotestosterone-Receptor Complex in the Rat Prostate in Vitro: Effects of Lindane and Malathion. *Toxicol in vitro* 6: 267-271.

Chemical of Concern: MLN; Habitat: T

Simonian, A. L., Rainina, E. I., and Wild, J. R. (1997). A New Approach for Discriminative Detection of Organophosphate Neurotoxins in the Presence of Other Cholinesterase Inhibitors. *Analytical letters* 30: 2453-2468.

Chemical of Concern: MLN; Habitat: T

Simonsen, L. and Lund, S. P. (1992). A Strategy for Delineating Risks Due to Exposure to Neurotoxic Chemicals. *Am j ind med* 21: 773-792.

Chemical of Concern: MLN; Habitat: T

Singh, A. K. and Seth, P. K. (1989). Degradation of Malathion by Microorganisms Isolated From Industrial Effluents. *Bull environ contam toxicol* 43: 28-35.

Chemical of Concern: MLN; Habitat: AT

Singh, A. K., Srikanth, N. S., Malhotra, O. P., and Seth, P. K. *. (1989). Characterization of Carboxylesterase From Malathion Degrading Bacterium: *Pseudomonas* Sp. M-3. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 42, no. 6, pp. 860-867. 1989.

Chemical of Concern: MLN; Habitat: AT

Singh, H. (1993). Effects of Malathion on Steroidogenesis and Sex Reversal in *Monopterus albus*. *Mar. Environ. Res.* 35: 159-164.

EcoReference No.: 4359

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL,PHY; Code: NO ENDPOINT(MLN).

Singh, H. (1989). Interaction of Xenobiotics with Reproductive Endocrine Functions in a Protogynous Teleost, *Monopterus albus*. *Mar. Environ. Res.* 28: 285-289.

EcoReference No.: 65157

Chemical of Concern: MLN,Cd; Habitat: A; Effect Codes: BCM; Code: OK(Cd),NO
ENDPOINT(MLN).

Singh, H. and Singh, T. P. (1980). Effect of Two Pesticides on Ovarian ³²P Uptake and Gonadotrophin Concentration During Different Phases of Annual Reproductive Cycle in the Freshwater Catfish,

Heteropneustes fossilis (Bloch). *Environ.Res.* 22: 190-200.

EcoReference No.: 6645

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Singh, H. and Singh, T. P. (1980). Effect of Two Pesticides on Total Lipid and Cholesterol Contents of Ovary, Liver and Blood Serum During Different Phases of the Annual Reproductive Cycle in the Freshwater Teleost *Heteropneustes fossilis* (Bloch). *Environ.Pollut.Ser.A* 23: 9-17.

EcoReference No.: 6646

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Singh, H. and Singh, T. P. (1980). Effects of Two Pesticides on Testicular 32P Uptake, Gonadotrophic Potency, Lipid and Cholesterol Content of Testis, Liver and Blood Serum During Spawning Phase in *Heteropneustes fossilis* (Bloch). *Endokrinologie* 76: 288-296.

EcoReference No.: 6377

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Singh, H. and Singh, T. P. (1980). Short-Term Effect of Two Pesticides on Lipid and Cholesterol Content of Liver, Ovary and Blood Serum During the Pre-Spawning Phase in the Freshwater Teleost, *Heteropneustes fossilis* (Bloch). *Environ.Pollut.Ser.A* 22: 85-90.

EcoReference No.: 6647

Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Singh, H. and Singh, T. P. (1980). Thyroid Activity and TSH Potency of the Pituitary Gland and Blood Serum in Response to Cythion and Hexadrin Treatment in the Freshwater Catfish, *Heteropneustes fossilis* (Bloch). *Environ.Res.* 22: 184-189 .

EcoReference No.: 6648

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Singh, K. J. and Singh, O. P. (1992). Residual Toxicity of Some New Insecticides Against Grey Weevil, *Mylokerus undecimpustulatus* Faust on Soybean. *J.Insect Sci.* 5: 99-100.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Singh, K. V. and Bansal, S. K. (1996). Current Status of *Anopheles stephensi* Response to Various Insecticides in Some Areas of the Thar Desert. *Indian J.Med.Res.* 103: 299-303.

EcoReference No.: 104137

Chemical of Concern: DDT,DLD,MLN,FNT,PPX,PMR; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,FNT,PMR).

Singh, K. V. and Bansal, S. K. (1996). Present Susceptibility of *Culex tritaeniorhynchus*, to Conventional and Some Other Insecticides in Kota (Rajasthan). *J.Communit.Dis.* 28: 64-66.

EcoReference No.: 104089

Chemical of Concern: DDT,DLD,MLN,FNT,PPX,PMR; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,FNT,PPX,PMR).

Singh, M. and Kumar, S. (2000). Effects of Sublethal Concentrations of Dimethoate and Malathion on AChE Activity and Enzyme Kinetics of Liver of *Catla catla* (Ham.). *Uttar Pradesh J.Zool.* 20: 131-135.

EcoReference No.: 103339

Chemical of Concern: DMT,MLN; Habitat: A; Effect Codes: BCM,MOR; Code: NO
ENDPOINT(MLN),OK(DMT).

Singh, O. P. and Singh, K. J. (1988). Effectiveness of Some Insecticides Against the Larval Population of Grey
Semilooper, Rivula sp. a New Pest of Soybean in Madhya Pradesh. *Pesticides* 22: 34-35.

EcoReference No.: 89013
Chemical of Concern: MLN,PSH,FPP,FVL,DCM,CYP,FNV,PMR; Habitat: T; Effect Codes: POP;
Code: OK(ALL CHEMS),NO CROP(MLN).

Singh, O. P., Singh, K. J., and Thakur, R. D. (1989). Studies on the Bionomics and Chemical Control of Stink Bug,
Piezodorus rubrofasciatus Fabricius, a New Pest of Soybean in Madhya Pradesh. *Indian J.Plant Prot.* 17:
81-83.

EcoReference No.: 89397
Chemical of Concern: PRN,MLN,HCCH; Habitat: T; Effect Codes: MOR; Code:
OK(PRN,HCCH,TARGET-MLN).

Singh, O. P. and Yadav, S. R. (1976). Effect of Pesticides on the Wilt of Sugarcane. *Indian Sugar* 26: 615-619.

EcoReference No.: 101389
Chemical of Concern: DCTP,PPHD,MTM,PRT,DMT,HCCH,MLN,EN; Habitat: T; Effect Codes: POP;
Code: NO MIXTURE(MLN,DCTP),OK(PPHD,PRT,HCCH,EN),TARGET(MTM,DMT).

Singh, P. B. (1992). Impact of Malathion and gamma-BHC on Lipid Metabolism in the Freshwater Female Catfish,
Heteropneustes fossilis. *Ecotoxicol.Environ.Saf.* 23: 22-32 (OECDG Data File).

EcoReference No.: 3904
Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Singh, R. and Kavadia, V. S. (1989). Effect of Environmental Factor on the Residual Toxicity and Persistence of
Insecticides: III. Effect of Temperature and Humidity on the Residual Toxicity of Insecticides. *Indian
J.Entomol.* 51: 450-457.

EcoReference No.: 91031
Chemical of Concern: CBL,ES,MLN; Habitat: T; Effect Codes: MOR; Code: NO
CONTROL(MLN,CBL).

Singh, R. and Kavadia, V. S. (1988). Effect of Environmental Factors on the Residual Toxicity and Persistence of
Insecticides: I. Effect of Rainfall on Residual Toxicity and Dissipation of Insecticides. *Indian J.Entomol.*
50: 513-522.

EcoReference No.: 91033
Chemical of Concern: MLN,ES,CBL; Habitat: T; Effect Codes: MOR; Code: NO
CONTROL(MLN,CBL).

Singh, R. and Kavadia, V. S. (1989). Effect of Environmental Factors on the Residual Toxicity and Persistence of
Insecticides: II. Effect of Sunlight on Residual Toxicity and Persistence of Insecticides. *Indian J.Entomol.*
51: 300-314.

EcoReference No.: 91032
Chemical of Concern: MLN,ES,CBL; Habitat: T; Effect Codes: MOR; Code: NO
CONTROL(MLN,CBL).

Singh, R. M., Sharma, A., and Sarbhoy, R. K. (1990). Cytogenetical Effects of Agricultural Chemical I: In Onion
(Allium cepa, L.). *Int.J.Trop.Plant Dis.* 8: 225-229.

EcoReference No.: 89025

Chemical of Concern: DDVP,DMT,DZ,MLN; Habitat: T; Effect Codes: CEL; Code: NO
ENDPOINT(ALL CHEMS).

Singh, R. P. and Agnihotri, N. P. (1984). Residues of Dicofol, Endosulfan and Malathion on Tea *Camellia sinensis* (L.). *J.Entomol.Res.* 8: 14-16.

Chemical of Concern: ES,MLN,DCF; Habitat: T

Singh, S. (Plant Protection in India. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci*; 52 (1). 1986. 1-9. *Ab - biosis copyright: biol abs. Rrm insect pests plant diseases pesticides.*

Chemical of Concern: MLN; Habitat: T

Singh, S. and Sahai, S. (1986). Accumulation of Malathion in the Liver, Kidney and Gills of *Puntius ticto* (Ham.) As Assessed by Thin Layer Chromatography (TLC). *J.Environ.Biol.* 7: 107-112.

EcoReference No.: 11826

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Singh, S. and Sahai, S. (1985). Identification of Malathion Residues in Some Tissues of *Rasbora daniconius* by Thin Layer Chromatography (TLC). *In: R.C.Dalela and U.H.Mane (Eds.), Proc.5th Natl.Symp.Assess.Environ.Pollut., Dec.20-22, 1984, Aurangabad, India* 159-162.

EcoReference No.: 4950

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO
CONTROL,ENDPOINT(MLN).

Singh, S. and Singh, T. P. (1987). Evaluation of Toxicity Limit and Sex Hormone Production in Response to Cythion and BHC in the Vitellogenic Catfish *Clarias batrachus*. *Environ.Res.* 42: 482-488.

EcoReference No.: 12689

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM,MOR; Code: NO
ENDPOINT,CONTROL(MLN).

Singh, S. and Singh, T. P. (1987). Impact of Malathion and Hexachlorocyclohexane on Plasma Profiles of Three Sex Hormones During Different Phases of the Reproductive Cycle in *Clarias batrachus*. *Pestic.Biochem.Physiol.* 27: 301-308.

EcoReference No.: 12551

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Singh, S. N. and Khan, A. A. (1995). Storability of *Dolichos* Seeds as Influenced by Pesticidal Seed Treatment and Storage Conditions. *Global conference on advances in research on plant diseases and their management, udaipur, india, february 12-17, 1995. Indian journal of mycology and plant pathology* 25: 136-137.

Chemical of Concern: MLN; Habitat: T

Singh, S. V. and Kavadia, V. S. (1988). Insecticidal Schedule for the Pests Attacking Brinjal: III. Effect on Growth and Yield of the Crop. *Indian J.Entomol.* 50: 397-402.

EcoReference No.: 87094

Chemical of Concern: FNT,MLN,DS,ADC,ES; Habitat: T; Effect Codes: GRO,POP; Code:
OK(FNT,DS,ADC,ES),NO MIXTURE(MLN).

Singh, V. P., Gupta, S., and Saxena, P. K. (1984). Evaluation of Acute Toxicity of Carbaryl and Malathion to Freshwater Teleosts, *Channa punctatus* (Bloch) and *Heteropneustes fossilis* (Bloch). *Toxicol.Lett.* 20: 271-276.

EcoReference No.: 11346

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(CBL).

Singh, W., Kotwal, D. R., and Singh, R. (1991). Evaluation of Some Contact Insecticides for the Control of Jassid *Amrasca-biguttula-biguttula* Ishida on Okra. *Indian J.Plant Prot.* 19: 182-184.

Chemical of Concern: MLN; Habitat: T; Code: OK TARGET,NO CROP(MLN).

Sinha, N., Lal, B., and Singh, T. P. (1991). Pesticides Induced Changes in Circulating Thyroid Hormones in the Freshwater Catfish *Clarias batrachus*. *Comp.Biochem.Physiol.*100C(1/2):107-110 (Publ in Part As 3721, 3108) In: *Responses of Mar.Organisms to Pollutants, Part 2, Banaras Hindu University, Varanasi, India* 226-227 (ABS).

EcoReference No.: 3971

Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN,ES).

Sinha, N., Lal, B., Singh, T. P., Stegeman, J. J., Moore, M. N., and Hahn, M. E. (eds) (1993). Effect of Pesticides on Extrathyroidal Conversion of T Sub(4) to T Sub(3) in the Freshwater Catfish *Clarias Batrachus*). *Marine environmental research. Int. Symp. on Responses of Marine Organisms to Pollutants, Woods Hole, MA (USA), 24 Apr 1992; Fish Endocrinol. Lab., Cent. Adv. Stud. Zool., Banaras Hindu Univ., Varanasi--221 005, India; ISSN 0141-1136* 35: 226-227.

Chemical of Concern: MLN; Habitat: A

Sippola, E., David, F., and Sandra, P. (1995). Comparison of Polydimethyl Siloxane Stationary Phases With 5 Percent and 50 Percent Phenyl Substitution for the Separation of Organophosphorus and Organonitrogen Pesticides Under Optimized Gas Chromatographic Conditions. *Hrc journal of high resolution chromatography* 18: 111-116.

Chemical of Concern: MLN; Habitat: AT

Sivaiah, S. and Rao, K. V. R. (1978). Effect of Malathion on the Excretory Pattern of the Snail, *Pila globosa* (Swainson). *Curr.Sci.* 47: 894-895.

EcoReference No.: 7180

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sivori, J. L., Casabe, N., Zerba, E. N., and Wood, E. J. (1997). Induction of Glutathione S-Transferase Activity in *Triatoma infestans*. *Mem.Inst.Oswaldo Cruz* 92: 797-802.

EcoReference No.: 93521

Chemical of Concern: 24D,MLN,TMT,DDT,FNT,24DXY; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED(24D),TARGET(MLN,TMT,FNT).

Skerritt, J. H. and Lee, N. (1996). Approaches to the Synthesis of Haptens for Immunoassay of Organophosphate and Synthetic Pyrethroid Insecticides. *Beier, r. C. And l. H. Stanker (ed.). Acs symposium series, 621. Immunoassays for residue analysis: food safety Symposium at the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. Xiv+528p. American chemical society: washington, dc, usa. Isbn 0-8412-3379-9.; 621: 124-149.*

Chemical of Concern: MLN; Habitat: T

Skoog, F. E. (1971). Influence of Simulated Rain on Residual of Ultra-low-Volume Applications of Carbaryl and Malathion Against Grasshoppers. *J.Econ.Entomol.* 64: 196-200 .

Chemical of Concern: MLN,CBL; Habitat: T; Code: TARGET(MLN).

Skoog, F. E., Cowan, F. T., and Connin, R. V. (1961). Laboratory and Field Tests of New Insecticides for Grasshopper Control . *J.Econ.Entomol.* 54: 170-174.

EcoReference No.: 71765

Chemical of Concern: AND,DZ,DLD,DMT,MLN,TXP,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS,TARGET-DZ,MLN).

Slabbert, J. L. and Venter, E. A. (1999). Biological Assays for Aquatic Toxicity Testing. *Water Sci.Technol.* 39: 367-373.

EcoReference No.: 61447

Chemical of Concern: Cd,CBF,Cu,CN,MLN,Mn,Hg,PL,Zn; Habitat: A; Effect Codes: MOR,POP,PHY; Code: NO TOX DATA(CBF,MLN),CONTROL(Cd,Cu,CN,Mg,Hg,PL,PPX,Zn).

Slimak, K. M. (1997). Avoidance Response as a Sublethal Effect of Pesticides on *Lumbricus terrestris* (Oligochaeta). *Soil Biol.Biochem.* 29: 713-715.

EcoReference No.: 92008

Chemical of Concern: CTN,MAL,HCCH,DZ,MLN,Captan,CBL,ACP; Habitat: T; Effect Codes: BEH; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Slobodnik, J., Louter, A. Jh, Vreuls, J. J., Liska, I., and Brinkman, U. At (1997). Monitoring of Organic Micropollutants in Surface Water by Automated on-Line Trace-Enrichment Liquid and Gas Chromatographic Systems With Ultraviolet Diode-Array and Mass Spectrometric Detection. *Journal of chromatography a* 768: 239-258.

Chemical of Concern: MLN; Habitat: A

Smirle, M. J., Winston, M. L., and Woodward, K. L. (1984). Development of a Sensitive Bioassay for Evaluating Sublethal Pesticide Effects on the Honey Bee (Hymenoptera: Apidae). *J.Econ.Entomol.* 77: 63-67.

EcoReference No.: 38814

Chemical of Concern: DZ,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DZ,MLN).

Smital, T., Luckenbach, T., Sauerborn, R., Hamdoun, A. M., Vega, R. L., and Epel, D. (2004). Emerging Contaminants - Pesticides, Ppcps, Microbial Degradation Products and Natural Substances as Inhibitors of Multixenobiotic Defense in Aquatic Organisms. *Mutat.Res.* 552: 101-117.

Chemical of Concern: FXC,24DXY,ES,DZ,DDVP,MLN,MOM; Habitat: A

Smith, Cn, Parrish, R. S., and Carsel, R. F. (1987). Estimating Sample Requirements for Field Evaluations of Pesticide Leaching . *Environ toxicol chem* 6: 343-358.

Chemical of Concern: MLN; Habitat: AT

Smith, F. F. and Corley, C. (1972). Mexican Bean Beetle, Yields and Residues of Malathion Sprays on Snap Beans. *J.Econ.Entomol.* 65: 288-289.

EcoReference No.: 94528

Chemical of Concern: MLO,MLN; Habitat: T; Effect Codes: ACC,POP,PHY; Code: EFFICACY(MLN),OK(MLO).

Smith, J. S. (1995). Pesticides -duplicate. Jeon, i. J. And w. G. Ikins (ed.). *Food science and technology (new york)*, 65. *Analyzing food for nutrition labeling and hazardous contaminants*. ix+496p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Isbn 0-8247-9349-8.; 65: 333-361.

Chemical of Concern: MLN; Habitat: T

Smith, J. W. and Grigoropoulos, S. G. (1968). Toxic Effects of Odorous Trace Organics. *Am. Water Works Assoc. J.* 60: 969-979.

EcoReference No.: 8101

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL),NO CONTROL(MLN).

Snawder, J. E. and Chambers, J. E. (Toxic and Developmental Effects of Organophosphorus Insecticides in Xenopus Embryos. *Abstr pap am chem soc 1990;199(1-2):agro 160: Abstr Pap Am Chem Soc.*

Chemical of Concern: MLO; Habitat: A

Sng, M. T., Lee, F. K., and Lakso, H. A. (1997). Solid-Phase Microextraction of Organophosphorus Pesticides From Water. *Journal of chromatography a* 759: 225-230.

Chemical of Concern: MLN; Habitat: A

Snodgrass, G. L., Adamczyk, J. J. Jr., and Gore, J. (2005). Toxicity of Insecticides in a Glass-Vial Bioassay to Adult Brown, Green, and Southern Green Stink Bugs (Heteroptera: Pentatomidae). *J.Econ.Entomol.* 98: 177-181.

EcoReference No.: 87962

Chemical of Concern: ACP,DCTP,MLN,MP,LCYT,CYP,BFT,CYF,PMR; Habitat: T; Effect Codes: MOR; Code: OK(ACP,DCTP,MP,LCYT,CYP,BFT,CYF,PMR),TARGET(MLN,MP).

Snow, K. R. (1987). Control of Mosquito Nuisance in Britain. *J.Am.Mosq.Control Assoc.* 3: 271-275.

Chemical of Concern: MLN,DDT,PIRM,HCCH,DZ,TMT,SMT,BDC,CPYM,PMR; Habitat: AT; Code: NO REVIEW(MLN,PIRM,DZ,TMT,SMT,CPYM,PMR).

Soderlund, David M., Abdel-Aal, Yehia A. I., and Helmuth, Donald W. (1982). Selective Inhibition of Separate Esterases in Rat and Mouse Liver Microsomes Hydrolyzing Malathion, Trans-Permethrin, and Cis-Permethrin. *Pesticide Biochemistry and Physiology* 17: 162-169.

Chemical of Concern: MLN; Habitat: T

Sodhi, S., Sharma, A., Brar, A. P. S., and Brar, R. S. (2008). Effect of [alpha] Tocopherol and Selenium on Antioxidant Status, Lipid Peroxidation and Hepatopathy Induced by Malathion in Chicks. *Pestic.Biochem.Physiol.* 90: 82-86.

EcoReference No.: 104560

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,PHY; Code: NO CONTROL,ENDPOINT(MLN).

Sogorb, S. F., Damy, S. B., Rocha da Silva, A. P., Rodrigues, U. P., and Chaguri, L. (1993). Diagnosis and Treatment of Acariasis in Mice. *Mem.Inst.Butantan* 55: 27-32.

EcoReference No.: 90688

Chemical of Concern: DDVP,MLN,DZ; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN).

Sojo, L. E., Brocke, A., Fillion, J., and Price, S. M. (1997). Application of Activated Carbon Membranes for on-Line Cleanup of Vegetable and Fruit Extracts in the Determination of Pesticide Multiresidues by Gas Chromatography With Mass Selective Detection. *Journal of chromatography a* 788: 141-154.

Chemical of Concern: MLN; Habitat: T

Solanki, S. and Chauhan, S. V. S. (1994). Effect of Some Pesticides on Pollen Fertility in Some Crops. *J.Phytol.Res.* 7: 83-84.

EcoReference No.: 89172

Chemical of Concern: CBD,MLN; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT(CBD,MLN).

Soler-Niedziela, L. and Porter, J. (1996). Cytogenetic Evaluation of Two Common Household Pesticides in the Mouse Bone Marrow Assay. *27th annual scientific meeting of the environmental mutagen society, victoria, british columbia, canada, march 23-28, 1996. Environmental and molecular mutagenesis* 27: 63.

Chemical of Concern: MLN; Habitat: T

Solomon, H. M. (1978). The Teratogenic Effects of the Insecticides DDT, Carbaryl, Malathion and Parathion on Developing Medaka Eggs (*Oryzias latipes*). *Ph.D Thesis, Rutgers University, Newark, NJ* 158 p.

EcoReference No.: 2941

Chemical of Concern: DDT,PRN,CBL,MLN; Habitat: A; Effect Codes: GRO,CEL,MOR; Code: NO ENDPOINT(ALL CHEMS).

Somboon, P., Prapanthadara, L. A., and Suwonkerd, W. (2003). Insecticide Susceptibility Tests of *Anopheles minimus* S.L., *Aedes aegypti*, *Aedes albopictus*, and *Culex quinquefasciatus* in Northern Thailand. *Southeast Asian J.Trop.Med.Public Health* 34: 87-93.

EcoReference No.: 82574

Chemical of Concern: DDT,EFX,LCYT,PYT,FNT,MLN,PMR,DM; Habitat: T; Effect Codes: MOR; Code: TARGET MLN.

Sonnet, P. E., Lye, T. L., and Sackett, R. R. (1978). Effects of Selected Herbicides on the Toxicity of Several Insecticides to Honey Bees. *Environ.Entomol.* 7: 254-256.

EcoReference No.: 35454

Chemical of Concern: MLN,MP,CBL,DZ,MVP,24DXY,PRN,ATZ,CBF; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS,TARGET-MLN),NO MIXTURE(ATZ).

Sood, A. K. and Kakar, K. L. (1991). Relative Persistence Toxicity of Some Insecticides Against Blister Beetle, *Mylabris spp.* on Chrysanthemum Flowers. *J.Insect.Sci.* 4: 97-98.

EcoReference No.: 92586

Chemical of Concern: CYP,DM,ES,FNTH,FNV,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(CYP,FNV,MLN,ES).

Sorensen, K. A. and Kidd, K. A. (1992). Asparagus Beetle Control, 1991. *Insectic.Acaric.Tests* 17: 77 (2E).

EcoReference No.: 89469

Chemical of Concern: MLN,PMR,CBL; Habitat: T; Effect Codes: POP; Code: OK(PMR),OK
TARGET(CBL),NO CROP(TARGET-MLN).

Soroka, J. J. and Mackay, P. A. (1990). Population Growth of the Pea Aphid, *Acyrtosiphon pisum* (Harris) (Homoptera: Aphididae), and Plant Response to Aphid Numbers in Commercially Grown Field Peas in Manitoba. *Can.Entomol.* 122: 1201-1210.

EcoReference No.: 89774

Chemical of Concern: MLN,DMT; Habitat: T; Effect Codes: POP,GRO; Code: NO COC(CTN),NO
TARGET,NO CROP(MLN,DMT).

South, D. B. and Zwolinski, J. B. (1996). Chemicals Used in Southern Forest Nurseries. *Southern journal of applied forestry* 20: 127-135.

Chemical of Concern: MLN; Habitat: T

Souza da Silva, Rosane, Cognato, Giana de Paula, Vuaden, Fernanda Cenci, Rezende, Maria Fernanda S., Thiesen, Flavia Valladao, Fauth, Maria da Graca, Bogo, Mauricio Reis, Bonan, Carla Denise, and Dias, Renato Dutra (2003). Different Sensitivity of Ca²⁺-Atpase and Cholinesterase to Pure and Commercial Pesticides in Nervous Ganglia of *Phyllocaulis Soleiformis* (Mollusca). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 135: 215-220.

Chemical of Concern: MLN; Habitat: A

Spackman, M. E., Oakeshott, J. G., Smyth, K. A., Medveczky, K. M., and Russell, R. J. (1994). A Cluster of Esterase Genes on Chromosome 3r of *Drosophila Melanogaster* Includes Homologues of Esterase Genes Conferring Insecticide Resistance in *Lucilia Cuprina*. *Biochemical genetics* 32: 39-62.

Chemical of Concern: MLN; Habitat: T

Specht, W., Pelz, S., and Gilsbach, W. (1995). Gas-Chromatographic Determination of Pesticide Residues After Clean-up by Gel-Permeation Chromatography and Mini-Silica Gel-Column Chromatography 6. Communication Replacement of Dichloromethane by Ethyl Acetate-Cyclohexane in Liquid-Liquid Partition and Simplified Conditions for Extraction and Liquid-Liquid Partition. *Fresenius' journal of analytical chemistry* 353: 183-190.

Chemical of Concern: MLN; Habitat: T

Speese, J. (1994). Cereal Leaf Beetle Screening 1993. *Arthropod Manag.Tests* 19: 291 (154F).

EcoReference No.: 90792

Chemical of Concern: MOM,CBL,MLN; Habitat: T; Effect Codes: POP; Code: OK
TARGET(MOM,CBL,MLN).

Speirs, R. D., Redlinger, L. M., and Boles, H. P. (1967). Malathion Resistance in the Red Flour Beetle. *J.Econ.Entomol.* 60: 1373-1374.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Spencer, A. G., Price, N. R., and Callaghan, A. (1998). Malathion-Specific Resistance in a Strain of the Rust Red Grain Beetle *Cryptolestes ferrugineus* (Coleoptera: Cucujidae). *Bull.Entomol.Res.* 88: 199-206.

EcoReference No.: 93117

Chemical of Concern: MLO,MLN,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MLN),NO MIXTURE(TBF,PPB),OK(MLO).

Spooner, J., Wyatt, L., Brichford, S. L., Lanier, A. L., Coffey, S. W., and Smolen, M. D. (1990). Nonpoint Sources. *Res j water pollut control fed* 62: 537-546.

Chemical of Concern: MLN; Habitat: A

Sprague, J. B. (1966). Preliminary Estimates of Toxicity of Five Insecticides to Juvenile Atlantic Salmon. *Unpubl.Rep., Fis.Res.Board Can.*: 2 p.(Author Communication Used).

EcoReference No.: 4903

Chemical of Concern: PPHD,FNT,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(PPHD,FNT,MLN).

Sreenivasa, V., Aravindhan, V., and Murthy, P. S. (2005). Acetylcholinesterase (AChE) Activity in Cardiac and Body Muscle of Glossogobius giurus After Exposure to Malathion. *Nat.Environ.Pollut.Technol.* 4: 487-490.

EcoReference No.: 106640

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sreenivasan, A. and Raj, R. S. (1964). Toxicity of Malathion and Parathion to Fish. *In: S.K.Majunder (Ed.), Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 316-318.

EcoReference No.: 5763

Chemical of Concern: MLN,PRN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,PRN).

Sreenivasan, A. and Swaminathan, G. K. (1967). Toxicity of Six Organophosphorus Insecticides to Fish. *Curr.Sci.* 36: 397-398 (Author Communication Used).

EcoReference No.: 2679

Chemical of Concern: MLN,PRN,DDVP,PPHD,EPRN,DEM; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Srikanth, Nadadur S. and Chandrasekharam, V. (1989). Linear Regression Analysis for Enzyme Kinetic Studies in Toxicant Interactions. *Journal of Theoretical Biology* 138: 467-478.

Chemical of Concern: MLN; Habitat: A

Srivastava, A. K., Gupta, B. N., Mathur, A. K., Mathur, N., Mahendra, P. N., and Bharti, R. S. (1991). The Clinical and Biochemical Study of Pesticide Sprayers. *Hum exp toxicol* 10: 279-284.

Chemical of Concern: MLN; Habitat: T

Srivastava, A. K. and Srivastava, A. K. (1988). Effects of Aldrin and Malathion on Blood Chloride in the Indian Catfish *Heteropneustes fossilis*. *J.Environ.Biol.*9(1 Suppl.) 91-95.

EcoReference No.: 12914

Chemical of Concern: AND,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN),OK(AND).

Srivastava, A. K. and Srivastava, A. K. (1990). Skeletal Anomalies in Indian Catfish (*Heteropneustes fossilis*) Exposed to Malathion. *J.Environ.Biol.* 11: 45-49.

EcoReference No.: 2991

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO; Code: NO ENDPOINT(MLN).

Srivastava, M., Asthana, A., Singh, A., and De, S. K. (1988). Effects of Antibiotics and Pesticides on Carbon-Nitrogen Ratio and Beta Humus and Azotobacter Population of Alluvial Soils. *Indian j agric chem* 21: 131-137.

Chemical of Concern: MLN; Habitat: AT

Srivastava, M. K. and Nath, G. (1990). Removal of Malathion From Treated Cauliflowers (Brassica Oleracea Var. Botrytis) by Home Processings. *Indian j entomol* 52: 290-299.

Chemical of Concern: MLN; Habitat: T

Stadnichenko, A. P., Ivanenko, L. D., and Sitnjakowskaja, A. M. (1987). Effect of Phenol and Pesticides on Physical and Chemical Properties of Haemolymph of Gastropods (Gastopoda, Pulmonata) Infected with Trematode Parthenits. *Parazitologiya (Leningr.)* 21: 716-720 (RUS) (ENG ABS).

EcoReference No.: 3383

Chemical of Concern: DZ,CuS,PL,MLN; Habitat: A; Effect Codes: BCM; Code: NO FOREIGN//NO ENDPOINT(MLN).

Stamer, J. K. and Wiczorek, M. E. (1996). Pesticide Distribution in Surface Water. *American water works association journal* 88: 79-87.

Chemical of Concern: MLN; Habitat: A

Stan, H. J. and Heil, S. (1991). Two-Dimensional Capillary Gas Chromatography With Three Selective Detectors as a Valuable Tool in Residue Analysis: State-of-the-Art. *Fresenius' j anal chem* 339: 34-39.

Chemical of Concern: MLN; Habitat: AT

Stan, H. J. and Kellner, G. (1989). Confirmation of Organophosphorus Pesticide Residues in Food Applying Gas Chromatography-Mass Spectrometry With Chemical Ionization and Pulsed Positive Negative Detection. *Biomed environ mass spectrom* 18: 645-651.

Chemical of Concern: MLO; Habitat: AT

Stan, H. J. and Mueller, H. M. (1988). Evaluation of Automated and Manual Hot-Splitless Cold-Splitless Ptv and on-Column Injection Technique Using Capillary Gas Chromatography for the Analysis of Organophosphorus Pesticides. *8th international symposium on capillary chromatography, riva del garda, italy, may 19-21, 1987. J high resolut chromatogr chromatogr commun* 11: 140-143.

Chemical of Concern: MLN; Habitat: T

Stanley, R. L., Randolph, N. M., and Teetes, G. L. (1970). Control of the Clover Head Weevil on Crimson Clover. *J.Econ.Entomol.* 63: 256-258.

EcoReference No.: 96680

Chemical of Concern: Naled,MLN,CBL,MP,AZ,PSM,PRN,DZ; Habitat: T; Effect Codes: POP; Code: EFFICACY(Naled,MLN,CBL,MP,AZ,PSM,DZ).

Stark, J. D. and Sherman, M. (1986). Toxicity and Metabolism of Acephate in Hawaiian Fruit Fly Species. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.

Chemical of Concern: MLN; Habitat: T

Starks, K. J. and Lilly, J. H. (1955). Insecticide Seed Treatment of Soybeans in Relation to Phytotoxicity and Seed-Corn Maggot Control. *J.Econ.Entomol.* 48: 538-543 .

EcoReference No.: 40952

Chemical of Concern: HCCH, TXP, HPT, DLD, MLN, DZ, Captan, AND; Habitat: T; Effect Codes: REP, GRO, MOR, BCM; Code: NO ENDPOINT(ALL CHEMS).

Stebbins, R. G., Roy, T., and Doane, T. R. (1989). Analysis of Malathion and Its Breakdown Products in Aquaria Containing Golden Shiners (N. chrysroleucas). *Int.J.Enviroanal.Chem.* 35: 127-137.

EcoReference No.: 606

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Stein, W. and Gorham, J. R. (1997). New Results About Stored-Product Protection (Animal Pests): Viii. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 104: 296-313.

Chemical of Concern: MLN; Habitat: T

Steinwandter, H. (1988). Contributions to the Application of Gel Chromatography in Residue Analysis II. A New Gel Chromatographic System Using Acetone for the Separation of Pesticide Residues and Industrial Chemicals. *Fresenius z anal chem* 331: 499-502.

Chemical of Concern: MLN; Habitat: AT

Stephenson, G. R., Phatak, S. C., Makowski, R. I., and Bouw, W. J. (1980). Phytotoxic Interactions Involving Metribuzin and Other Pesticides in Tomatoes. *Can.J.Plant Sci.* 60: 167-175.

EcoReference No.: 26089

Chemical of Concern: MBZ, CBL, DZ, ES, MLN, CBF, DEM, MVP, CTN, MZB, Maneb, TFN; Habitat: T; Effect Codes: GRO, POP; Code: LITE EVAL CODED(DZ), NO CROP(MLN, MZB, CTN, Maneb), OK(ES, CBF, DEM, MVP, TFN, TARGET-CBL).

Stevens, J. T., Greene, F. E., Stitzel, R. E., and McPhillips, J. J. (Effects of Anticholinesterase Insecticides on Mouse and Rat Liver Microsomal Mixed Function Oxidases. *Pesticides and the environment: a continuing controversy, vol. 2, pages 489-501, 23 references, 1973*1973.

Chemical of Concern: MLO; Habitat: T

Stevens, J. T., Oberholser, K. M., Soliman, M. R. I., Brown, T. R., and Greene, F. E. (1980). Inhibition of p-Aminophenol Metabolism: A Possible Mechanism of Enhancement of Aniline Hydroxylation. *Pharmacology* 21: 153-160.

Chemical of Concern: MLO; Habitat: T; Code: NO IN VITRO(MLO).

Stevens, J. T., Stitzel, R. E., and McPhillips, J. J. (1972). Effects of Anticholinesterase Insecticides on Hepatic Microsomal Metabolism. *J.Pharmacol.Exp.Ther.* 181: 576-583.

EcoReference No.: 103935

Chemical of Concern: PRN, MLN, DS, CBL; Habitat: T; Effect Codes: MOR, BEH; Code: NO CONTROL(MLN, DS, PRN, CBL).

Stevens, J. T., Zemaitis, M. A., and Greene, F. E. (1974). Alteration of the Binding Constants of Malathion and Carbaryl to Cytochrome P-450 Due to Hydrolysis by Rat Hepatic Microsomal Esterases. *Chemico-Biological Interactions* 8: 415-420.

Chemical of Concern: MLN; Habitat: T

Stevens, James Thomas (1974). The Role of Binding in Inhibition of Hepatic Microsomal Metabolism by Parathion and Malathion. *Life Sciences* 14: 2215-2229.

Chemical of Concern: MLN; Habitat: T

Stevens, M. M. (1991). Insecticide Treatments Used Against a Rice Bloodworm, *Chironomus tepperi* (Diptera: Chironomidae): Toxicity and Residual Effects in Water. *J.Econ.Entomol.* 84: 795-800.

EcoReference No.: 45075

Chemical of Concern: TCF,MLN,CPY,DZ; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Stevens, M. M. and Warren, G. N. (1992). Insecticide Treatments Used Against a Rice Bloodworm, *Chironomus tepperi* (Diptera: Chironomidae): Suppression of Larval Populations. *J.Econ.Entomol.* 85: 1606-1613.

EcoReference No.: 45076

Chemical of Concern: CPY,DZ,MLN,TCF; Habitat: A; Effect Codes: POP; Code: LITE EVAL CODED(DZ),NO ENDPOINT(MLN,CPY,TCF).

Stevenson, J. H. (1970). Laboratory and Field Assessment of Pesticide Poisoning of Honeybees (*Apis mellifera*). In: *5th Proc.Br.Insectic.Fungic.Conf.* 2: 378-385.

EcoReference No.: 96450

Chemical of Concern: ES,DS,DDT,DZ,DLD,DMT,MLN,EN,CBL; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DS,DZ,DMT,MLN,CBL,ES).

Stijve, T. Jr and Cardinale, E. Jr (Esterase Inhibition Technique for the Detection of Organophosphorus Pesticides on Thin-Layer Chromatograms. *Mitt. Geb. Lebensmittelunters. Hyg.*; 62(1): 25-31 1971; (ref:11).

Chemical of Concern: MLO; Habitat: AT

Stimmann, M. W. and Ferguson, M. P. (1990). Progress Report Vice President's Task Force on Pest Control Alternatives Potential Pesticide Use Cancellations in California Usa. *Calif agric* 44: 12-16.

Chemical of Concern: MLN; Habitat: AT

Stojanovic, B. J., Kennedy, M. V., and Shuman, F. L. Jr. (1972). Edaphic Aspects of the Disposal of Unused Pesticides, Pesticide Wastes, and Pesticide Containers. *J.Environ.Qual.* 1: 54-62.

EcoReference No.: 90589

Chemical of Concern: ATZ,BMC,CBL,24DXY,DDT,DMB,DLD,DU,MLN,PAQT,PCL,TFN,VNT,Zineb; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ATZ,BMC,CBL,DMB,MLN).

Storey, C. L., Sauer, D. B., Quinlan, J. K., and Ecker, O. (1982). Incidence, Concentration and Effectiveness of Malathion Residues in Wheat and Maize (Corn) Exported From the United States. *Journal of Stored Products Research* 18: 147-151.

Chemical of Concern: MLN; Habitat: T

Story, R. N. and Lye, B. H. (1987). Turnip Leaf and Flea Beetle Control in Louisiana, 1986. *Insectic.Acaric.Tests* 12: 158 (No. 185).

EcoReference No.: 88721

Chemical of Concern: FNV,PMR,CBL,MVP,MLN,Naled; Habitat: T; Effect Codes: POP; Code: OK(FNV,MVP),OK TARGET(PMR,CBL,MLN,Naled),TARGET(Naled).

Story, W. C., Olson, L. K., Shen, W. L., Creed, J. T., and Caruso, J. A. (1990). Reduced-Pressure Microwave-Induced Plasma Mass Spectrometric Detection of Phosphorus and Sulfur in Gas Chromatographic Eluates. *1990 winter conference on plasma spectrochemistry, st. Petersburg, florida, usa, january 8-13, 1990. J anal at spectrom* 5: 467-470.

Chemical of Concern: MLN; Habitat: AT

Stratton, G. W. (1987). The Effects of Pesticides and Heavy Metals Towards Phototrophic Microorganisms. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: 71-148.*

Chemical of Concern: MLN; Habitat: AT

Strickman, D. (1985). Aquatic Bioassay of 11 Pesticides Using Larvae of the Mosquito, *Wyeomyia smithii* (Diptera: Culicidae). *Bull.Environ.Contam.Toxicol.* 35: 133-142 .

EcoReference No.: 11480

Chemical of Concern: DDT,HPT,CPY,MLN,TMP,CBL,MOM,PPX,PMR,RSM,SMT; Habitat: A; Effect Codes: MOR,GRO; Code: NO
ENDPOINT(DDT,HPT,CPY,MLN,TMP,CBL,MOM,PPX,PMR,RSM,SMT).

Stroh, J., Wan, M. T., Isman, M. B., and Moul, D. J. (1998). Evaluation of the Acute Toxicity to Juvenile Pacific Coho Salmon and Rainbow Trout of Some Plant Essential Oils, a Formulated Product, and the Carrier. *Bull.Environ.Contam.Toxicol.* 60: 923-930.

EcoReference No.: 19294

Chemical of Concern: SZ,AZD,CBF,ES,MLN,PYT,RTN,DCNA,PPZ,Captan,HXZ; Habitat: A; Effect Codes: MOR; Code: NO TOXICANT(SZ,DCNA,PPZ),PUBL AS(AZD,CBF,ES,MLN,PYT,RTN),NO COC(CBL).

Stromborg, K. L., McEwen, L. C., and Lamont, T. (1984). Organophosphate Residues in Grasshoppers from Sprayed Rangelands. *Chem.Ecol.* 2: 39-45.

EcoReference No.: 103507

Chemical of Concern: MLN,ACP; Habitat: T; Effect Codes: ACC,MOR,PHY; Code: NO
CONTROL,ENDPOINT(MLN,ACP).

Strong, M. and Johnstone, P. W. (Interventions for Treating Scabies. *Cochrane database syst rev. 2007(3):cd000320. [Cochrane database of systematic reviews (online)]: Cochrane Database Syst Rev.*

Chemical of Concern: MLN; Habitat: T

Struger, J., Bishop, C. A., Pettit, K. E., Tse, H., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Environmental Fate and Effects of Organophosphorus Insecticides on Amphibians in a Muck Crop Growing Area of Ontario, Canada. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp. 1993.*

Chemical of Concern: MLN; Habitat: A

Studdert, V. P. (1985). Incidence of Poisoning in Dogs and Cats in Melbourne Australia. *Aust vet j* 62: 133-135.

Chemical of Concern: MLN; Habitat: T

Su, M. Q., Kinoshita, F. K., Frawley, J. P., and DuBois, K. P. (1971). Comparative Inhibition of Aliesterases and

Cholinesterase in Rats Fed Eighteen Organophosphorus Insecticides. *Toxicol.Appl.Pharmacol.* 20 : 241-249.

EcoReference No.: 38991

Chemical of Concern: CMPH,PRN,MP,DEM,DS,ETN,FNTH,MVP,DMT,AZ,MLN; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED(DS,MP,DMT,AZ),NO CONTROL(MLN).

Subramanian, G., Sekar, S., and Sampooram, S. (1994). Biodegradation and Utilization of Organophosphorus Pesticides by Cyanobacteria. *Int.Biodeterior.Biodegrad.* 33: 129-143.

EcoReference No.: 89178

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,POP; Code: NO ENDPOINT(MLN).

Sudakin, D. L., Mullins, M. E., Horowitz, B. Z., Abshier, V., and Letzig, L. (2000). Intermediate Syndrome After Malathion Ingestion Despite Continuous Infusion of Pralidoxime. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 38, no. 1, pp. 47-50. 2000.

Chemical of Concern: MLN; Habitat: T

Sudarsono, H., Bernhardt, J. L., and Tugwell, N. P. (1992). Survival of Immature Telenomus podisi (Hymenoptera: Scelionidae) and Rice Bug (Hemiptera: Pentatomidae) Embryos After Field Applications of Methyl Parathion and Carbaryl. *J.Econ.Entomol.* 85: 375-378.

EcoReference No.: 91588

Chemical of Concern: MP,CBL; Habitat: T; Effect Codes: REP,MOR; Code: OK TARGET(MLN,CBL).

Sudhakar, K., Punnaiah, K. C., and Krishnayya, P. V. (1998). Influence of Organic and Inorganic Fertilizers and Certain Insecticides on the Incidence of Shoot and Fruit Borer, Leucinodes orbonalis Guen. Infesting Brinjal. *J.Entomol.Res.* 22: 283-286.

EcoReference No.: 81332

Chemical of Concern: BFT,MLN; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(BFT),OK TARGET(MLN).

Sudhakar, T. R., Bano, S., and Rao, H. S. N. (1993). Management of Rice Earhead Bug in Andhra Pradesh. *Indian J.Plant Prot.* 21: 141-144.

EcoReference No.: 91036

Chemical of Concern: ES,MLN,CBL; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(CBL,MLN).

Sudomo, M., Baroji, and Sustriayu, N. (1985). Chemical Control on Malaria Vector Anopheles-Aconitus in Central Java Indonesia. *Symposium on research on the mosquito vectors of malaria in southeast asia held at the tropical medicine and public health project technical meeting, kuala lumpur, malaysia, apr. 19-21, 1984. Southeast asian j trop med public health* 16: 153-162.

Chemical of Concern: MLN; Habitat: T

Suhas, Y. and Devaiah, M. C. (1985). Studies on the Effect of Insecticides Sprayed Mulberry Leaves to Silkworm, Bombyx mori L. *Pesticides (Bombay)* 19: 53-54.

EcoReference No.: 88892

Chemical of Concern: ES,DDVP,MLN,DMT,PPHD,CBL,CYP; Habitat: T; Effect Codes: MOR,GRO; Code: OK(ALL CHEMS),OK TARGET(MLN,CBL),NO COC(OXD).

Sujatha, C. H. and Chacko, J. (1991). Malathion Sorption by Sediments From a Tropical Estuary. *Chemosphere* 23: 167-180.

Chemical of Concern: MLN; Habitat: A

Sujatha, C. H. and Chacko, J. *. (1992). Organophosphorus Pesticide Adsorption Variability in Diverse Estuarine Sediments. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 36, no. 1-2, pp. 65-73. 1992.

Chemical of Concern: MLN; Habitat: A

Sujatha, C. H., Nair, S. M., and Chacko, J. (1999). Determination and Distribution of Endosulfan and Malathion in an Indian Estuary. *Water Research* 33: 109-114.

Chemical of Concern: MLN; Habitat: AT

Sujatha, C. H., Nair, S. M., and Chacko, J. *. (1994). Sorption of Malathion and Methyl Parathion by Tropical Aquatic Sediments: Influence of Salinity. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 43, no. 3-4, pp. 175-181. 1994.

Chemical of Concern: MLN; Habitat: A

Sujatha, C. H., Nair, S. M., and Chacko, J. (1995). Tissue Lipid Levels of the Clam, *Villorita cyprenoides* var. *Cochinensis*, Following Exposure to Endosulfan, Malathion, and Methyl Parathion. *Environ.Toxicol.Water Qual.* 10: 231-235.

EcoReference No.: 18699

Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Sukla, G. S., Misra, P. K., and Tripathi, S. P. (1983). Studies on In Vivo Cholinesterase Inhibition in the Nervous System of Dragonfly Naiads of *Brachythemis contaminata* (Fabricius). *J.Adv.Zool.* 4: 17-21.

EcoReference No.: 89133

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Suleman, M., Arshad, M., and Khan, K. (1996). Yellowfever Mosquito (Diptera: Culicidae) Introduced Into Landi Kotal, Pakistan, by Tire Importation. *J.Med.Entomol.* 33: 689-693.

EcoReference No.: 103541

Chemical of Concern: DDT,MLN; Habitat: AT; Effect Codes: MOR; Code: NO DURATION(MLN),NO COC(PIRM),NO ENDPOINT(DDT).

Summers, D. and Ruth, D. S. (1987). Effect of Diatomaceous Earth, Malathion, Dimethoate and Permethrin on *Leptoglossus occidentalis* (Hemiptera: Coreidae): A Pest of Conifer Seed. *J.Entomol.Soc.B.C.* 84: 33-38.

EcoReference No.: 75332

Chemical of Concern: DMT,MLN,PMR; Habitat: T; Effect Codes: MOR; Code: OK(ALL CHEMS),TARGET MLN.

Sun, C. N., Chung, T. C., and Dai, S. M. (1984). Insecticide Resistance in the Brown Planthopper *Nilaparvata lugens* Stal (Homoptera: Delphacidae). *Prot.Ecol.* 7: 167-181.

EcoReference No.: 92971

Chemical of Concern: MOM,CBL,CBF,FNV,PMR,PPX,MP,MLN,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(FNV,CBF,MLN),OK(MOM,CBL,PMR,PPX,MP,DM),NO COC(TBF).

Sundaram, A. (1985). A Gravimetric Method for Determining the Relative Volatilities of Non-Aqueous Pesticide Formulations and Spray Diluents. *Pestic sci* 16: 397-403.

Chemical of Concern: MLN; Habitat: T

Sundaram, A. (1987). Optimizing Physical Properties of Diluent Oils for Maximum Target Deposition of Ultralow-Volume Spray Droplets Under Laboratory Conditions. *Vander hooven, d. I. B. And I. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems* Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm: philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 101-122.

Chemical of Concern: MLN; Habitat: T

Sundseth, S. S., Kennel, S. J., and Waters, L. C. (1988). Correlation of Cytochrome P-450 Expression and Insecticide Resistance in Drosophila. *72nd annual meeting of the federation of american societies for experimental biology, las vegas, nevada, usa, may 1-5, 1988. Faseb (fed am soc exp biol) j 2*: Abstract 4161.

Chemical of Concern: MLN; Habitat: T

Sundseth, Scott S., Kennel, Stephen J., and Waters, Larry C. (1989). Monoclonal Antibodies to Resistance-Related Forms of Cytochrome P450 in Drosophila Melanogaster. *Pesticide Biochemistry and Physiology* 33: 176-188.

Chemical of Concern: MLN; Habitat: T

Suranyi, R. A., Longtine, C. A., Ragsdale, D. W., and Radcliffe, E. B. (1998). Control of Potato Leafhopper on Potatoes Using Reduced Rates of Insecticides, 1997. *Arthropod Manag.Tests* 23: 137 (E81).

EcoReference No.: 90628

Chemical of Concern: MLN,EFV,DMT,PSM,ES; Habitat: T; Effect Codes: POP; Code: OK
TARGET(ALL CHEMS)).

Surendran, S. N., Karunaratne SHPP, Adams, Z., Hemingway, J., and Hawkes, N. J. (2005). Molecular and Biochemical Characterization of a Sand Fly Population From Sri Lanka: Evidence for Insecticide Resistance Due to Altered Esterases and Insensitive Acetylcholinesterase. *Bulletin of Entomological Research [Bull. Entomol. Res.]*. Vol. 95, no. 4, pp. 371-380. Aug 2005.

Chemical of Concern: MLN; Habitat: T

Sutherland, D. J. (1964). Toxicity of Insecticides to Aedes aegypti Larvae. *Proc.Annu.Meet.N.J.Mosq.Exterm.Assoc.* 51: 107-110.

EcoReference No.: 94001

Chemical of Concern: Naled,DZ,AZ,MLN,DDVP,MXC,HCCH,PRT,EN,PYN,PRN,DDT,DLD,AND;
Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ALL CHEMS).

Sutherland, D. J., Siewierski, M., and Kent, R. (1978). Microencapsulated Formulation of Malathion for Control of Aedes sollicitans. *Mosq.News* 38: 15-19.

EcoReference No.: 100495

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH; Code: NO ENDPOINT(MLN).

Svanberg, O. (1996). Monitoring of Biological Effects. *Resources conservation and recycling* 16: 351-360 .

Chemical of Concern: MLN; Habitat: A

Svanberg, O. (Toxic Effects Monitoring in Baltic Sea Coastal Areas. *Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). Ecological indicators, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 413-423.*

Chemical of Concern: MLN; Habitat: A

Swan, S. H., Kruse, R. L., Liu, F., Barr, D. B., Drobnis, E. Z., Redmon, J. B., Wang, C., Brazil, C., and Overstreet, J. W. (2003). Semen Quality in Relation to Biomarkers of Pesticide Exposure. *Environmental Health Perspectives [Environ. Health Perspect.]. Vol. 111, no. 12, pp. 1478-1484. Sep 2003.*

Chemical of Concern: MLN; Habitat: T

Swann, J. M., Kennedy, J. R., and Schultz, T. W. (1999). Evaluation of Two **in Vitro** Ciliated Epithelial Systems, Dog Trachea and Frog Palate, for Potential as Screens for Sensory Irritation. *In vitro & molecular toxicology* 12: 17-32.

Chemical of Concern: MLN; Habitat: AT

Sweeney, K. J. (1993). Organophosphorus Insecticide Susceptibility of Mosquitoes in Maryland, 1985-89. *J.Am.Mosq.Control Assoc.* 9: 8-12.

EcoReference No.: 100377

Chemical of Concern: TMP,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP),TARGET(MLN).

Syed, M. A., Arshad, J. H., Ramli, J., Muse, R., and Mahmood, Z. (1994). The Effect of Dosage and Storage Time on the Formation of Bound Residues in Paddy, Milled Rice and Maize. *Pertanika J.Trop.Agric.Sci.* 17 : 145-148.

EcoReference No.: 104941

Chemical of Concern: MLN; Habitat: AT; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(MLN).

Syrowatka, T. (The Effect of Some Organophosphorus Insecticides of Rat Liver Mitochondria. *Roczniki panstwowego zaklada hig.; 20(5): 557-62, 1969; (ref:15).*

Chemical of Concern: MLO; Habitat: T

Szekacs, A., Halarnkar, P. P., Olmstead, M. M., Prag, K. A., and Hammock, B. D. (1990). Heterocyclic Derivatives of 3-Substituted 1,1,1-Trifluoro-2-Propanones as Inhibitors of Esterolytic Enzymes. *Chem res toxicol* 3: 325-332.

Chemical of Concern: MLN; Habitat: T

Szente, L., Magisztrak, H., and Szejtli, J. (1990). Formulation of Insect Controlling Agents With Beta-Cyclodextrin. *Pestic sci* 28: 7-16.

Chemical of Concern: MLN; Habitat: T

Tabashnik, B. E. (1990). Modeling and Evaluation of Resistance Management Tactics. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. Ix+303p. Routledge, chapman and hall: new york, new york, usa London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 153-182.*

Chemical of Concern: MLN; Habitat: T

Tadano, T. (1970). Genetics of Cross-Resistance to Organophosphates, Abate, Fenitrothion and Malathion in Larvae of *Culex pipiens pallens* Coquillett. *Jpn.J.Exp.Med.* 40: 59-66.

EcoReference No.: 100955

Chemical of Concern: MLN,FNT,TMP; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(MLN,FNT,TMP).

Tadesse, A. and Basedow, T. (2004). A Survey of Insect Pest Problems and Stored Product Protection in Stored Maize in Ethiopia in the Year 2000. *Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz*, 111 (3) pp. 257-265, 2004.

Chemical of Concern: MLN; Habitat: T

Takagi, K. and Ueji, M. (1997). Use, Research and Development of Pesticides in Relation to Sustainable Agriculture in Japan. *Jarq* 31: 13-20.

Chemical of Concern: MLN; Habitat: AT

Takahashi, H., Kato, A., Yamashita, E., Naito, Y., Tsuda, S., and Shirasu, Y. (1987). Potentiations of N-Methylcarbamate Toxicities by Organophosphorus Insecticides in Male Mice. *Fundam.Appl.Toxicol.* 8: 139-146.

EcoReference No.: 88918

Chemical of Concern: FNT,DDVP,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN,DDVP),OK(FNT).

Takahashi, H., Tanaka, J., Tsuda, S., and Shirasu, Y. (1987). Contribution of Monoaminergic Nervous System in Potentiation of 2-sec-Butylphenyl N-Methylcarbamate (BPMC) Toxicity by Malathion in Male Mice. *Fundam.Appl.Toxicol.* 8: 415-422.

EcoReference No.: 87563

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,PHY; Code: NO COC(CBL),NO CONTROL(MLN).

Takahashi, M. and Yasutomi, K. (1987). Insecticidal Resistance of *Culex tritaeniorhynchus* (Diptera: Culicidae) in Japan: Genetics and Mechanisms of Resistance to Organophosphorus Insecticides. *J.Med.Entomol.* 24: 595-603.

EcoReference No.: 100994

Chemical of Concern: PMR,CBL,TMP,MLN,FNTH,FNT,DZ,PPX; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(PMR,CBL,TMP,MLN,DZ).

Takamura, K. (1996). Life Cycle of the Damselfly *Calopteryx atrata* in Relation to Pesticide Contamination. *Ecotoxicology* 5: 1-8.

EcoReference No.: 18265

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Takamura, K., Nohara, S., Kariya, T., Okazaki, M., and Ito, K. (1991). Effects of Pesticide Contamination From Rice Fields on Stream Benthic Arthropods. *Japanese journal of limnology [JAP. J. LIMNOL./RIKUSUIZATSU.]*. Vol. 52, no. 2, pp. 95-103. 1991.

Chemical of Concern: MLN; Habitat: A

Talcott, R. E., Mallipudi, N. M., Umetsu, N., and Fukuto, T. R. (1979). Inactivation of Esterases by Impurities Isolated from Technical Malathion. *Toxicol.Appl.Pharmacol.* 49: 107-112.

EcoReference No.: 91095; Habitat: T; Effect Codes: BCM; Code: NO COC(MLN).

Talcott, Ronald E. (1979). Hepatic and Extrahepatic Malathion Carboxylesterases. Assay and Localization in the Rat. *Toxicology and Applied Pharmacology* 47: 145-150.

Chemical of Concern: MLN; Habitat: T

Talebi, K. and Shibamoto, T. (2007). Degradation of Malathion in Aqueous Extracts Obtained From Different Developmental Stages of Asparagus (*Asparagus Officinalis*). *Journal of the Science of Food and Agriculture*, 87 (2) pp. 320-325, 2007.

Chemical of Concern: MLN; Habitat: T

Talekar, N. S., Sun, L. T., Lee, E. M., Chen, J. S., Lee, T. M., and Lu, S. (1977). Residual Behavior of Several Insecticides on Chinese Cabbage. *J.Econ.Entomol.* 70: 689-692.

EcoReference No.: 93840

Chemical of Concern: MDT,DZ,CBF,CPYM,FNT,MLO,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Tanaka, A., Masago, H., Karino, K., and Ujie, A. (1983). Determination of Trace Agrochemicals in Water and Toxicity of Agrochemicals to Fish. 2. Toxicity of Decomposition Products From UV-Irradiated Organophosphorus Agents in Water. *C.A.Sel.-Environ.Pollut.*18:4 (1984) / *Gunma-Ken Eisei Kogai Kenkyusho Nenpo* 15: 119-122.

EcoReference No.: 12241

Chemical of Concern: DZ,MLN,CPYM; Habitat: A; Effect Codes: MOR; Code: NO ABSTRACT//NO CONTROL(MLN).

Tanaka, H., Matsuda, H., and Sasa, M. (1972). Screening of Drugs in *Schistosoma japonicum* Infections in Mice. *Res.Filariasis Schistosomiasis* 147-163.

EcoReference No.: 94008

Chemical of Concern: FNTH,TMP,DDVP,MLN,DZ,Naled; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(ALL CHEMS).

Tanaka, T., Hori, T., Asada, T., Oikawa, K., and Kawata, K. (Simple One-Step Extraction and Cleanup by Pressurized Liquid Extraction for Gas Chromatographic-Mass Spectrometric Determination of Pesticides in Green Leafy Vegetables. *J chromatogr a.* 2007, dec 21; 1175(2):181-6. [*Journal of chromatography. A*]: *J Chromatogr A*.

Chemical of Concern: MLN; Habitat: T

Tandon, R. S., Lal, R., and Rao, V. V. S. (1987). Effects of Malathion and Endosulfan on the Growth of *Paramecium Aurelia*. *Acta Protozool.* 26: 325-328.

EcoReference No.: 13063

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: GRO; Code: NO ENDPOINT(MLN).

Tandon, R. S., Lal, R., and Rao, V. V. S. (1988). Interaction of Endosulfan and Malathion with Blue-Green Algae *Anabaena* and *Aulosira fertilissima*. *Environ.Pollut.* 52: 1-9 .

EcoReference No.: 12915

Chemical of Concern: ES,MLN; Habitat: A; Effect Codes: POP,PHY; Code: NO ENDPOINT(MLN,ES).

Tang, B., Zhang, J. E., Zang, L. G., Zhang, Y. Z., Li, X. Y., and Zhou, L. (2005-). Determination of Nine Organophosphorus Pesticides in Cereals and Kidney Beans by Capillary Gas Chromatography With Flame Photometric Detection. *J.Chromatogr.Sci.* 43: 337-341.

Chemical of Concern: MLN,PRN,MP,EP,PRT,DZ,CPY; Habitat : T

Tang, Z.-H. and Zhou, C.-L. (1993). The Role of Detoxication Esterases in Insecticide Resistance of Diamondback Moth *Plutella xylostella* Larvae. *Acta Entomol.Sin.* 36: 8-13 (CHI) (ENG ABS).

EcoReference No.: 93284

Chemical of Concern: MLN,PMR,TBF; Habitat: T; Code: NO FOREIGN(MLN,PMR,TBF).

Tanigoshi, L. K., Fargerlund, J., Nishio-Wong, J. Y., and Griffiths, H. J. (1985). Biological Control of Citrus Thrips, *Scirtothrips citri* (Thysanoptera: Thripidae), in Southern California Citrus Groves. *Environ.Entomol.* 14: 733-741.

EcoReference No.: 90880

Chemical of Concern: MLN,DMT,MOM,CBL,PRN; Habitat: T; Effect Codes: MOR,POP; Code: TARGET(MOM,MLN).

Taningher, M., Malacarne, D., Perrotta, A., and Parodi, S. (1999). Computer-Aided Analysis of Mutagenicity and Cell Transformation Data for Assessing Their Relationship With Carcinogenicity. *Environmental and molecular mutagenesis* 33: 226-239.

Chemical of Concern: MLO; Habitat: AT

Tantarpale, V. T., Pawar, A. H., Kapil, S. R., and Kulkarni, K. M. (2005). Modulated GPT (Glucose Pyruvate Transaminase) Activity in the Frog *Rana cyanophlyctis* Exposed to Cythion. *Environ.Ecol.* 23: 42-45.

EcoReference No.: 104774

Chemical of Concern: MLN; Habitat: AT; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Tardif, F. J. and Powles, S. B. (1999). Effect of Malathion on Resistance to Soil-Applied Herbicides in a Population of Rigid Ryegrass (*Lolium rigidum*). *Weed Sci.* 47: 258-261.

EcoReference No.: 63508

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO; Code: NO ENDPOINT(MLN).

Tarone, R. E., Casey, H. W., and Huxsoll, D. L. (1990). Excess of Seminomas Observed in Vietnam Service Usa Military Working Dogs. Au - Hayes Hm. *J natl cancer inst (bethesda)* 82: 1042-1046.

Chemical of Concern: MLN; Habitat: T

Tarzwel, C. M. (1950). Some Effects of Mosquito Larviciding and the new Pesticides on Fishes. *Presented at the Symp.on Coord.of Mosquito Control and Wildlife Manag., Robert A.Taft Sanit.Eng.Ctr., Dep.of Health, Educ., and Welfare, Cincinnati, OH* 52-62.

Chemical of Concern:

EN,DLD,DDT,TXP,AND,CHD,HCCH,MXC,HPT,TEPP,MP,MLN,CBL,AZ,DS,TCF,DDVP,CMPH;
Habitat: A; Code: NO REVIEW(MP,MLN,AZ,CBL,DS,TCF,DDVP,CMPH,TEPP).

Taub, F. B., Read, P. L., Kindig, A. C., Harrass, M. C., Hartmann, H. J., Conquest, L. L., and Hardy, F. J. (1983). Demonstration of the Ecological Effects of Streptomycin and Malathion on Synthetic Aquatic Microcosms. In: W.E.Bishop, R.D.Cardwell, and B.B.Heidolph (Eds.), *Aquatic Toxicology and Hazard Assessment, 6th Symposium, ASTM STP 802, Philadelphia, PA* 5-25.

EcoReference No.: 10181

Chemical of Concern: MLN; Habitat: A; Effect Codes: POP,PHY; Code: NO ENDPOINT(MLN).

Tauler, R., De Almeida Azevedo, D., Lacorte, S., Cespedes, R., Viana, P., and Barcelo, D. (2001). Organic Pollutants in Surface Waters From Portugal Using Chemometric Interpretation. *Environmental Technology [Environ. Technol.]*. Vol. 22, no. 9, pp. 1043-1054. Sep 2001.

Chemical of Concern: MLN; Habitat: A

Taylor, A. W. and Spencer, W. F. (1990). Volatilization and Vapor Transport Processes. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 213-270.*

Chemical of Concern: MLN; Habitat: AT

TBuratti Franca M, D'aniello Alessandra, Volpe Maria Teresa, Meneguz Annarita, and Testai Emanuela (2005). Malathion Bioactivation in the Human Liver: the Contribution of Different Cytochrome P450 Isoforms. *Drug Metabolism and Disposition [Drug Metab. Disposition]*. Vol. 33, no. 3, pp. 295-302. Mar 2005.

Chemical of Concern: MLN; Habitat: T

Tchounwou, P. B., Englande, A. J. Jr., and Malek, E. A. (1991). Toxicity Evaluation of Bayluscide and Malathion to Three Developmental Stages of Freshwater Snails. *Arch.Environ.Contam.Toxicol.* 21: 351-358.

EcoReference No.: 5021

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Teli, V. S. and Salunkhe, G. N. (1993). Relative Efficacy and Economics of Some Insecticides for the Control of Sweet Potato Weevil. *Indian J.Plant Prot.* 21: 59-61.

EcoReference No.: 89011

Chemical of Concern: CYP,FNV,FNTH,PHSL,CPY,DZ,MP,CBL,ES,MLN; Habitat: T; Effect Codes: POP; Code: OK TARGET(MLN,FNV,CPY,CYP,DZ),OK TARGET,NO CROP(MP).

Tennant, R. W., Margolin, B. H., Shelby, M. D., Zeiger, E., Haseman, J. K., Spalding, J., Caspary, W., Resnick, M., Stasiewicz, S. and others (1987). Prediction of Chemical Carcinogenicity in Rodents From in-Vitro Genetic Toxicity Assays. *Science (wash d c)* 236: 933-941.

Chemical of Concern: MLO; Habitat: T

Tepper, J. S., Moser, V. C., Costa, D. L., Mason, M. A., Roache, N., Guo, Z., and Dyer, R. S. (1995). Toxicological and Chemical Evaluation of Emissions From Carpet Samples. *American industrial hygiene association journal* 56: 158-170.

Chemical of Concern: MLN; Habitat: T

Teran-Vargas, A. P. and Wolfenbarger, D. A. (2001). Response of Boll Weevil (Coleoptera: Curculionidae) to Malathion and Methyl Parathion in Southern Tamaulipas. *Southwest.Entomol.* 69-73.

EcoReference No.: 91043

Chemical of Concern: MLN,PPB,MP; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,MP).

Terekhina, N. A., Zorin, M. G., and Terekhin, G. A. ([Effect of Sapropel Mud on the Parameters of Oxidative Stress and Antioxidative Defense in Acute Carbofos Poisoning]. *Patol fiziol eksp ter.* 2007 jan-mar(1):6-8.

[Patologicheskaya fiziologiya i eksperimental'naya terapiya]: Patol Fiziol Eksp Ter.

Chemical of Concern: MLN; Habitat: T

Terenius, O. and Akerblom, M. (1997). Evaporated Extracts of Samples for Pesticide Residue Analysis Simplifies Transport From Remote Places. *Bulletin of environmental contamination and toxicology* 58: 341-347.

Chemical of Concern: MLN; Habitat: A

Termonia, A. and Termonia, M. (1997). Full Scan Gc-MS Quantitation of Pesticides in Spring Water at the 10 Ppt Level Using Large Volume on-Column Injection. *Hrc journal of high resolution chromatography* 20: 447-450.

Chemical of Concern: MLN; Habitat: A

Tewari, R. K. and Mathur, Y. K. (1985). Loss of Water in the Adults of *Pyrilla perpusilla* Wlk. (Lophopidae: Homoptera) Treated with Insecticides. *Z. Angew. Zool.* 71: 399-404.

EcoReference No.: 103591

Chemical of Concern: ES,MLN,PMR; Habitat: T; Effect Codes: PHY; Code: TARGET(ES,MLN,PMR).

Thakkar, V. M., Talati, G. M., and Vyas, H. N. (1984). Impact of Certain Insecticides on Pod Development and Oil Content of Groundnut. *Pesticides* 18: 6-7.

EcoReference No.: 75328

Chemical of Concern: DMT,MLN,PPHD,DEM; Habitat: T; Effect Codes: BCM,GRO; Code: OK(PPHD,DEM),NO CROP(MLN,DMT).

Thakur, N. and Sahai, S. (1993). Differential Leucocyte Counts of Some Fishes During Malathion Intoxication. *Environ.Ecol.* 11: 875-878.

EcoReference No.: 17492

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Thakur, N. and Sahai, S. (1994). Toxicity Assessment of Some Commonly used Pesticides to Three Species of Fishes. *Environ.Ecol.* 12: 462-464.

EcoReference No.: 17548

Chemical of Concern: CBL,MLN,BHC; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(CBL,BHC).

Thakur, N. S. A. and Deka, T. C. (1997). Bioefficacy and Economics of Different Insecticides Against *Pieris brassicae* (L.) on Cabbage in Midhills of North-East India. *Indian J.Plant Prot.* 25: 109-114.

EcoReference No.: 89393

Chemical of Concern: MLN,FNV,CPY,CYP,ES,DDVP,DFZ; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),NO CROP(TARGET-MLN).

Thakur, R. K. (1996). Termite Problems in Arid Zones and Their Management. *Indian forester* 122: 161-169 .

Chemical of Concern: MLN; Habitat: T

Thangam, T. S. and Kathiresan, K. (1991). Mosquito Larvicidal Activity of Marine Plant Extracts With Synthetic Insecticides. *Bot mar* 34: 537-539.

Chemical of Concern: MLN; Habitat: A

Thapar, S., Bhushan, R., and Mathur, R. P. (1995). Degradation of Organophosphorus and Carbamate Pesticides in Soils-Hplc Determination. *Biomedical chromatography* 9: 18-22.

Chemical of Concern: MLN; Habitat: AT

Thapar, S., Bhushan, R., and Mathur, R. P. (1994). Simultaneous Determination of a Mixture of Organophosphorus and Carbamate Pesticides by High Performance Liquid Chromatography. *Biomedical chromatography* 8: 153-157.

Chemical of Concern: MLN; Habitat: T

Theiling, K. M. and Croft, B. A. (1988). Pesticide Side Effects on Arthropod Natural Enemies a **Database Summary**. *Agric ecosyst environ* 21: 191-218.

Chemical of Concern: MLN; Habitat: T

Thiel, J. A. and Wenger, B. S. (1985). Differing Biochemical Patterns in Pyridine Nucleotide-Related Teratogenesis. *American association of anatomists 98th annual meeting and the association canadienne des anatomistes (canadian association of anatomists) 29th annual meeting, toronto, ont., Canada, may 5-9, 1985. Anat rec* 211: 194a-195a.

Chemical of Concern: MLN; Habitat: T

Thier, H. P. and Zeumer, H. (1987). Manual of Pesticide Residue Analysis Vol. 1. *Thier, h.-P. And h. Zeumer (ed.). Manual of pesticide residue analysis, vol. 1. Xvi+432p. Vch publishers, inc.: New york, new york, usa Weinheim, west germany. Illus. Isbn 0-89573-592-x; isbn 3-527-27010-8.; 0: Xvi+432p.*

Chemical of Concern: MLN; Habitat: T

Thiere, G. and Schulz, R. (2004). Runoff-Related Agricultural Impact in Relation to Macroinvertebrate Communities of the Lourens River, South Africa. *Water Res.* 38: 3092-3102.

Chemical of Concern: ES,MLN,CPY,AZ; Habitat: A

Thomas, D. C., Petitti, D. B., Goldhaber, M., Swan, S. H., Rappaport, E. B., and Hertz-Picciotto, I. (1992). Reproductive Outcomes in Relation to Malathion Spraying in the San Francisco Bay Area, 1981-1982. *Epidemiology. Vol. 3, no. 1, pp. 32-39. 1992.*

Chemical of Concern: MLN; Habitat: T

Thomas, I. K. and Imamura, T. (1986). Immunosuppressive Effect of an Impurity of Malathion: Inhibition of Murine T- and B-Lymphocyte Responses by O,O,S-Trimethyl Phosphorothioate. *Toxicology and Applied Pharmacology* 83: 456-464.

Chemical of Concern: MLN; Habitat: T

Thomas, Imad K. and Imamura, Toshiko (1986). Modulation of Cellular and Humoral Immune Responses by O,S,S-Trimethyl Phosphorodithioate, an Impurity of Commercial Malathion. *Toxicology* 39: 1-12.

Chemical of Concern: MLN; Habitat: T

Thomas, K. P. (1987). The Fate of the Sulphur Content of Malathion When Applied to Barley Used to Produce Malt

Whisky. *J. INST. BREW.* Vol. 93, no. 1, pp. 18-22. 1987.

Chemical of Concern: MLN; Habitat: T

Thomas, M., Korth, W., Foster, S. *, and McCorkelle, G. (1998). Dissipation of Pesticides in Irrigation Drainage From Mixed Rice and Maize Crops in the Willbriggie Catchment, Nsw Australia. *Australasian Journal of Ecotoxicology [Australas. J. Ecotoxicol.]*. Vol. 4, no. 2, pp. 75-84. Jul 1998.

Chemical of Concern: MLN; Habitat: AT

Thompson, C. M. (1994). Enantioenriched Phosphorothiolates Synthesis Analysis and Interaction With Acetylcholinesterase. *207th national meeting of the american chemical society, san diego, california, usa, march 13-17, 1994. Abstracts of papers american chemical society* 207: Agro 25.

Chemical of Concern: MLO; Habitat: AT

Thompson, C. M., Frick, J. A., Natke, B. C., and Hansen, L. K. (1989). Preparation, Analysis, and Anticholinesterase Properties of O,O-Dimethylphosphorothioate Isomerides. *Chem res toxicol* 2: 386-391.

Chemical of Concern: MLN; Habitat: T

Thompson, C. M., Suarez, A. I., and Rodriguez, O. P. (1996). Synthesis and ³¹p Chemical Shift Identification of Tripeptide Active Site Models That Represent Human Serum Acetylcholinesterase Covalently Modified at Serine by Certain Organophosphates. *Chemical research in toxicology* 9: 1325-1332.

Chemical of Concern: MLO; Habitat: AT

Thompson, H. M. (1996). Interactions Between Pesticides: a Review of Reported Effects and Their Implications for Wildlife Risk Assessment. *Ecotoxicology* 5: 59-81.

Chemical of Concern: MLN; Habitat: T

Thompson, H. M., Langton, S. D., and Hart, A. (1995). Prediction of Inter-Species Differences in the Toxicity of Organophosphorus Pesticides to Wildlife: a Biochemical Approach. *Comp.Biochem.Physiol.C* 111 : 1-12.

Chemical of Concern: DMT,CMPH,PRT,SFT,FNTH,FNT,MLN,AZ,PRN,MP; Habitat: T

Thompson, T. S., Treble, R. G., Magliocco, A., Roettger, J. R., and Eichhorst, J. C. (1998). Case Study: Fatal Poisoning by Malathion. *Forensic science international* 95: 89-98.

Chemical of Concern: MLN; Habitat: T

Thorpe, G. R. and Elder, W. B. (1980). The Use of Mechanical Refrigeration to Improve the Storage of Pesticide Treated Grain. *International Journal of Refrigeration* 3: 99-106.

Chemical of Concern: MLN; Habitat: T

Tiebout, H. M. III and Brugger, K. E. (1995). Ecological Risk Assessment of Pesticides for Terrestrial Vertebrates: Evaluation and Application of the U.S. Environmental Protection Agency's Quotient Model. *Conservation Biology*. Vol. 9, no. 6, pp. 1605-1618. 1995.

Chemical of Concern: MLN; Habitat: T

Tietze, N. S., Ruff, J. P., Hallmon, C. F., Hester, P. G., and Shaffer, K. R. (1992). Effect of Ulv Malathion on Automotive Paint Finishes. *J am mosq control assoc* 8: 241-246.

Chemical of Concern: MLN; Habitat: AT

Tigar, B. J. and Pinniger, D. B. (1996). A Comparison Of The Toxicity Of Pirimiphos-Methyl And Malathion To *Typhaea Stercorea* (L.) When Applied To Stored Maize. *J Stored Prod Res* 32: 307-313.

EcoReference No.: 54858

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tillman, P. G. and Mulrooney, J. E. (2001). Effect of Malathion on Beneficial Insects. *Southwest.Entomol. Suppl.*24: 13-21.

EcoReference No.: 69314

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ting, K. C. and Kho, P. (1991). Gc/Aed Method for Pesticide Residue Determination in Fruits and Vegetables. *J assoc off anal chem* 74: 991-998.

Chemical of Concern: MLN; Habitat: T

Tirkey, K., Yadava, R. P., Mandal, T. K., and Banerjee, N. C. (1988). Pharmacological Study of *Ipomoea carnea*. *Indian Vet.J.* 65: 206-210.

EcoReference No.: 89177

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Tiryaki, O., Baysoyu, D., Sec(cedilla)er, E., and Aydin, G. (2008). Testing the Stability of Pesticides During Sample Processing for the Chlorpyrifos and Malathion Residue Analysis in Cucumber, Including Matrix Effects. *Bulletin of Environmental Contamination and Toxicology*, 80 (1) pp. 38-43, 2008.

Chemical of Concern: MLN; Habitat: T

Tisch, M., Faulde, M., and Maier, H. ([Genotoxic Effects of Insecticides in Current Use on Mucosal Epithelial Cells From Human Tonsil Tissue]. *Hno*. 2007, may; 55 suppl 1:e15-22. [*Hno*]: *HNO*.

Chemical of Concern: MLN; Habitat: T

Tiwari, D. N., Pandey, A. K., and Mishra, A. K. (1979). Toxicity of Malathion (S-1,2-di(ethoxycarbonyl) Ethyl dimethyl Phosphorothiothionate), on Growth and Nitrogen Fixation of *Cyanobacterium Nostoc calcicola*. *J.Sci.Res.Banaras Hindu Univ.* 30: 92-96.

Chemical of Concern: MLN; Habitat: A

Tiwari, O. N., Prasanna, R., Yadav, A. K., Dhar, D. W., and Singh, P. K. (2001). Growth Potential and Biocide Tolerance of Non-Heterocystous Filamentous Cyanobacterial Isolates from Rice Fields of Uttar Pradesh, India. *Biol.Fertil.Soils* 34: 291-295.

EcoReference No.: 89353

Chemical of Concern: 24DXYEE,MLN; Habitat: A; Effect Codes: POP; Code: NO ENDPOINT(24DXYEE,MLN).

Toia, R. F., March, R. B., Umetsu, N., Mallipudi, N. M., Allahyari, R., and Fukuto, T. R. (1980). Identification and Toxicological Evaluation of Impurities in Technical Malathion and Fenthion. *Agric.Food Chem.* 28: 599-604.

EcoReference No.: 103452

Chemical of Concern: MLN,FNTH,MLO; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN),NO ENDPOINT(MLO).

Tolosa, I., Readman, J. W., and Mee, L. D. (1996). Comparison of the Performance of Solid-Phase Extraction Techniques in Recovering Organophosphorus and Organochlorine Compounds From Water. *Journal of chromatography a* 725: 93-106.

Chemical of Concern: MLN; Habitat: AT

Toma, T., Miyagi, I., Chinen, T., and Hatazoe, H. (1992). Insecticidal Susceptibilities of Aedes albopictus Larvae in Different Islands of Okinawa Prefecture, Japan. *Jpn.J.Sanit.Zool.* 43: 331-336 (JPN) (ENG ABS).

EcoReference No.: 100456

Chemical of Concern: MLN,FNT,FNTH,DZ,TMP,PPX,PMR; Habitat: A; Code: NO FOREIGN(MLN,DZ,TMP,PMR).

Toma, T., Miyagi, I., Kishimoto, T., Higa, Y., Hatazoe, H., and Zayasu, N. (1993). Insecticidal Resistance of Culex tritaeniorhynchus Giles (Diptera: Culicidae) in Okinawa Prefecture, Japan, in 1970-1972 and 1989. *Jpn.J.Sanit.Zool.* 44: 263-269.

Chemical of Concern: DDT,HCCH,DLD,MLN,FNT,DDVP,Naled,FNTH,DZ,TMP,TCF; Habitat: T; Code: NO DURATION(ALL CHEMS).

Tonkopp, V. (2006). Bioidentification of Xenobiotics in Water as a Part of Pollution Control. *In: Proc.11th World Lakes Conf., Oct.31-Nov.4, Nairobi, Kenya* 2: 371-373.

EcoReference No.: 93004

Chemical of Concern:

CHT,RSM,ATN,DM,FNV,PCB,EN,DLD,AND,MLO,CBL,Cu,Co,Cd,Cr,As,Al,DDVP,DDT,HCCH,HgCl 2,PbN,CYP,PMR,PTR; Habitat: A; Effect Codes: MOR; Code: NO RESIDUE,SPECIES(PCB),NO CONTROL(ALL CHEMS),NO EFFECT(RSM,ATN,FNV,MLO,CBL,Cu,Cr,As).

Torres, A. M. R. and O'Flaherty, L. M. (1976). Influence of Pesticides on Chlorella, Chlorococcum, Stigeoclonium (Chlorophyceae), Tribonema, Vaucheria (Xanthophyceae) and Oscillatoria (Cyanophyceae). *Phycologia* 15: 25-36.

EcoReference No.: 4993

Chemical of Concern: SZ,ATZ,24DXY,MLN; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(ATZ,SZ),NO ENDPOINT(MLN),OK(24DXY).

Torres, C. M., Pico, Y., Marin, R., and Manes, J. (1997). Evaluation of Organophosphorus Pesticide Residues in Citrus Fruits From the Valencian Community (Spain). *Journal of aoac international* 80: 1122-1128.

Chemical of Concern: MLN; Habitat: T

Torres, C. M., Pico, Y., Redondo, M. J., and Manes, J. (1996). Matrix Solid-Phase Dispersion Extraction Procedure for Multiresidue Pesticide Analysis in Oranges. *Journal of chromatography a* 719: 95-103.

Chemical of Concern: MLN; Habitat: T

Tos-Luty, S., Obuchowska-Przebirowska, D., Latuszynska, J., Tokarska-Rodak, M., and Haratym-Maj, A. (2003). Dermal and Oral Toxicity of Malathion in Rats. *Ann.Agric.Envirn.Med.* 10: 101-106.

EcoReference No.: 89137

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Toth, D. and Tomasovicova, D. (1979). Effect of Pesticides on Survival of *Tetrahymena pyriformis* in Danube Water. *Biologia (Bratisl.)* 34: 233-239 (Author Communication Used).

EcoReference No.: 5950

Chemical of Concern: ATZ,MLN,Folpet; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(ATZ),NO CONTROL(MLN,Folpet).

Toussaint, M. W., Shedd, T. R., van der Schalie, W. H., Leather, G. R., Felkner, D., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). A Comparison of the Sensitivity of Rapid Toxicity Screening Tests. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.*

Chemical of Concern: MLN; Habitat: AT

Townsend, B. A. and Carlson, G. P. (1980). Effect of Halogenated Benzenes on Malathion and Malaoxon Toxicity and Metabolism in Mice. *Meeting of the american society for pharmacology and experimental therapeutics, rochester, minn., Usa, aug. 17-21, 1980. Pharmacologist* 22: 174.

Chemical of Concern: MLO; Habitat: T

Townsend, B. A. and Carlson, G. P. (1981). Effect of Halogenated Benzenes on the Toxicity and Metabolism of Malathion, Malaoxon, Parathion, and Paraoxon in Mice. *Toxicol.Appl.Pharmacol.* 60: 52-60.

EcoReference No.: 89071

Chemical of Concern: MLN,MLO,PRN,DCB; Habitat: T; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN,MLO),NO MIXTURE(PRN,DCB).

Tran-Minh, C. (1993). Biosensors for the Analysis of Pesticide Residues. *Anal proc* 30: 73-74.

Chemical of Concern: MLN; Habitat: T

Travis, C. C. and Arms, A. D. (1988). Bioconcentration of Organics in Beef Milk and Vegetation. *Environ sci technol* 22: 271-274.

Chemical of Concern: MLN; Habitat: T

Tremolada, P., Bernardinelli, I., Colombo, M., Spreafico, M., and Vighi, M. (2004). Coumaphos Distribution in the Hive Ecosystem: Case Study for Modeling Applications. *Ecotoxicology* 13: 589-601.

EcoReference No.: 90702

Chemical of Concern: CMPh; Habitat: T; Effect Codes: ACC; Code: NO COC(MLN).

Trim, A. H. (1987). Acute Toxicity of Emulsifiable Concentrations of Three Insecticides Commonly Found in Nonpoint Source Runoff into Estuarine Waters to the Mummichog. *Bull.Environ.Contam.Toxicol.* 38: 681-686.

EcoReference No.: 8870

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Trim, A. H. and Marcus, J. M. (1990). Integration of Long-Term Fish Kill Data With Ambient Water Quality Monitoring Data and Application to Water Quality Management. *Environ manage* 14: 389-396.

Chemical of Concern: MLN; Habitat: A

Tripathi, R. K., Chiu, Y. C., and O'brien, R. D. (1973). Reactivity in Vitro Toward Substrate and Inhibitors of

Acetylcholinesterase Isozymes From Electric Eel Electroplax and Housefly Brain. *Pestic. Biochem. Physiol.* 3: 55-60.

Chemical of Concern: MLO; Habitat: T

Tripathi, R. L. and Haque, M. M. (1963). Studies on Seed Treatment with Insecticides I: Effect of Certain Organophosphorus Insecticides on Germination and Growth of Seedlings of Mustard. *Indian Oilseeds J.* 7: 144-147.

EcoReference No.: 40953

Chemical of Concern: DMT,MLN,MP,EPRN,DEM,PRN; Habitat: T; Effect Codes: GRO,PHY,REP; Code: NO ENDPOINT(ALL CHEMS).

Troetschler, R. G. (1983). Effects of Nontarget Arthropods of Malathion Bait Sprays Used in California to Eradicate the Mediterranean Fruit Fly, *Ceratitissu capitata* (Wiedemann) (Dystera: Tephritidae). *Environ.Entomol.* 12: 1816-1822.

EcoReference No.: 39138

Chemical of Concern: MLN; Habitat: T; Code: TARGET MLN.

Tronsmo, A. (1989). Effect of Fungicides and Insecticides on Growth of *Botrytis cinerea*, *Trichoderma viride* and *T. harzianum*. *Norw.J.Agric.Sci.* 3: 151-156.

EcoReference No.: 75156

Chemical of Concern:

DMT,BMY,MZB,IPD,VCZ,TDF,MLN,BTN,Captan,Cu,DOP,TFR,AZ,DCF,DMT,FNTH,FNT,DZ,PRN,M CPP1; Habitat: T; Effect Codes: POP; Code: NO CONTROL(ALL CHEMS),TARGET(MZB,TFR,Captan).

Tsai, T. H., Scheving, L. E., and Pauly, J. E. (1984). Circadian Stage-Dependent Variation in Host Susceptibility to Urethan and Malathion in CD2F1 Male Mice. In: *E.Haus and H.F.Kabat (Eds.), Chronobiology 1982-1983, S.Karger, Basel, Switzerland* 529-532.

EcoReference No.: 89598

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN).

Tsang, K. Roger, Ward, Gordon B., Mardan, Ali H. , Harein, Phillip K., Brooks, Marion A., and Jacobson, Lawrence (1985). Establishment and Characterization of a Cell Line From Embryos of the Indianmeal Moth, *Plodia interpunctella*. *Journal of Invertebrate Pathology* 46: 180-188.

Chemical of Concern: MLN; Habitat: T

Tsatsakis, A. M., Aguridakis, P., Michalodimitrakis, M. N., Tsakalov, A. K., Alegakis, A. K., Koumantakis, E., and Troulakis, G. (1996). Experiences With Acute Organophosphate Poisonings in Crete. *Veterinary and Human Toxicology. Vol. 38, no. 2, pp. 101-107. Apr 1996.*

Chemical of Concern: MLN; Habitat: T

Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Adsorption on Microbial Biomass Au - Bell Jp. *Thirteenth biennial conference of the international association on water pollution research and control, part 2, rio de janeiro, brazil, august 17-22, 1986. Water sci technol* 19: 409-416.

Chemical of Concern: MLN; Habitat: T

Tsezos, M. and Bell, J. P. (1991). A Mechanistic Study on the Fate of Malathion Following Interaction With Microbial Biomass. *Water Research* 25: 1039-1046.

Chemical of Concern: MLN; Habitat: A

Tsipriyan, V. I. and Martsenyuk, N. K. (1984). Toxicologic Evaluation of Photolytic Pesticide Destruction Products. *Gigiena i Sanitariya [GIG. SANIT.]*, no. 8, pp. 77-80. 1984.

Chemical of Concern: MLN; Habitat: AT

Tsuda, T., Aoki, S., Kojima, M., and Fujita, T. (1992). Pesticides in Water and Fish From Rivers Flowing Into Lake Biwa (Ii). *Chemosphere* 24: 1523-1531.

Chemical of Concern: MLN; Habitat: A

Tsuda, T., Aoki, S., Kojima, M., and Harada, H. (1989). Bioconcentration and Excretion of Diazinon, IBP, Malathion and Fenitrothion by Willow Shiner. *Toxicol. Environ. Chem.* 24: 185-190.

EcoReference No.: 3129

Chemical of Concern: DZ,MLN,FNT; Habitat: A; Effect Codes: ACC; Code: LITE EVAL CODED(DZ),OK(FNT),NO CONTROL(MLN).

Tsuda, T., Aoki, S., Kojima, M., and Harada, H. (1990). Bioconcentration and Excretion of Diazinon, IBP, Malathion and Fenitrothion by Carp. *Comp. Biochem. Physiol. C* 96: 23-26.

EcoReference No.: 3450

Chemical of Concern: DZ,MLN,FNT; Habitat: A; Effect Codes: ACC; Code: LITE EVAL CODED(DZ),OK(FNT),NO CONTROL(MLN).

Tsuda, T., Kojima, M., Harada, H., Nakajima, A., and Aoki, S. (1997). Acute Toxicity, Accumulation and Excretion of Organophosphorous Insecticides and Their Oxidation Products in Killifish. *Chemosphere* 35: 939-949.

EcoReference No.: 18398

Chemical of Concern: DZ,MLO,FNT; Habitat: A; Effect Codes: ACC,MOR; Code: LITE EVAL CODED(DZ),OK(ALL CHEMS),NO CONTROL(MLO),NO COC(MLN).

Tu, C. M. (1988). Effects of Selected Pesticides on Activities of Invertase Amylase and Microbial Respiration in Sandy Soil. *Chemosphere* 17: 159-164.

Chemical of Concern: MLN; Habitat: T

Tu, C. M. (1994). Effects of Some Insecticides on Microbial Activities in Sandy Soil. *J. Environ. Sci. Health Part B* 29: 281-292.

Chemical of Concern: TFT,PRT,MLN,HCCH,CBF,ETN,EP,OML,TBO; Habitat: T; Code: NO BACTERIA(ALL CHEMS).

Tu, C. M. (1994). Effects of Some Insecticides on Microbial Activities in Sandy Soil. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 281-292.

Chemical of Concern: MLN; Habitat: T

Tucker, J. D., Auletta, A., Cimino, M. C., Dearfield, K. L., Jacobson-Kram, D., Tice, R. R., and Carrano, A. V. (Sister-Chromatid Exchange: Second Report of the Gene-Tox Program. *Mutat res* 1993 sep;297(2):101-80: *Mutat Res*.

Chemical of Concern: MLO; Habitat: AT

Tucker, R. K. and Crabtree, D. G. (1970). Handbook of Toxicity of Pesticides to Wildlife; Bureau of Sport Fisheries and Wildlife Resource Publication. *Bureau of Sport Fisheries and Wildlife, Denver Wildlife Research Center*.

EcoReference No.: 39146

Chemical of Concern:

Zineb,TXP,THM,PRT,CBL,PPHD,PRN,Nabam,PCB,MP,MXC,MLN,HCCH,PSM,HPT,AZ,Folpet,EN,D
MT,DLD,AND,FNT,ATN,ATZ,DCTP, Habitat: T; Effect Codes: MOR; Code: NO
CONTROL(CBL,MP,MLN,AZ,DMT,ATZ,24DXY,DZ,DS,THM) .

Tumurov, G. L., Zhamsaranova, S. D., Dzantiev, B. B., and Egorov, A. M. (1990). Enzyme Immunoassay of Carbophos Derivatives. *Biotehnologiya* 0: 82-84.

Chemical of Concern: MLO; Habitat: AT

Tuomainen, Anneli, Kangas, Juhani A., Meuling, Wim J. A., and Glass, Richard C. (2002). Monitoring of Pesticide Applicators for Potential Dermal Exposure to Malathion and Biomarkers in Urine. *Toxicology Letters* 134: 125-132.

Chemical of Concern: MLN; Habitat: T

Tuomaa, T. E. (1995). Adverse Effects of Agrochemicals on Reproduction and Health: a Brief Review From the Literature. *Journal of nutritional & environmental medicine (abingdon)* 5: 353-366.

Chemical of Concern: MLN; Habitat: T

Turner, B., Waithman, J., and Segawa, R. (Environmental Monitoring Results of the Mexican Fruit Fly Eradication Program, San Diego County, Spring 1990. *Govt reports announcements & index (gra&i), issue 18, 1991*.

Chemical of Concern: MLO; Habitat: T

Tuschl, Helga and Schwab, Christina E. (2004). Flow Cytometric Methods Used as Screening Tests for Basal Toxicity of Chemicals. *Toxicology in Vitro* 18: 483-491.

Chemical of Concern: MLN; Habitat: T

Tyler, P. S. and Green, A. A. (1968). The Effectiveness of Fenitrothion and Malathion as Grain Protectants Under Severe Practical Conditions. *Journal of Stored Products Research* 4: 119-126.

Chemical of Concern: MLN; Habitat: T

Tyler, P. S. and Rowlands, D. G. (1967). Sodium Carboxymethyl Cellulose as a Stabilizer for Malathion Formulations. *Journal of Stored Products Research* 3: 109-115.

Chemical of Concern: MLN; Habitat: T

Tytler, N. B. and Tully, S. J. (1993). The Who What Why and How of Waste Analysis. *Anal proc* 30: 69-71.

Chemical of Concern: MLN; Habitat: AT

U.S.Environmental Protection Agency (1976). Semi-Annual Report. April -September 1976. *Semi-Annual Rep., U.S.EPA, Gulf Breeze, FL* 51 p.

EcoReference No.: 49012

Chemical of Concern: MLN,PCP; Habitat: A; Effect Codes: ACC,GRO,POP; Code: NO
CONTROL,ENDPOINT(MLN,PCP).

Uchida, T., Zschintzsch, J., and O'Brien, R. D. (1966). Relation Between Synergism and Metabolism of Dimethoate in Mammals and Insects. *Toxicology and Applied Pharmacology* 8: 259-265.

Chemical of Concern: MLN; Habitat: T

Udeaan, A. S. and Narang, D. D. (1988). A Survey of Mustard Aphid, *Lipaphis erysimi* (Kalt.) Populations for Resistance to Insecticides in Punjab. *J.Res.Punjab Agric.Univ.* 25: 77-80.

EcoReference No.: 89463

Chemical of Concern: MLN,ES,OXD,DMT; Habitat: T; Effect Codes: MOR; Code: OK(ES,DMT),OK
TARGET(MLN,OXD).

Ueda, H., Itoh, H., and Tadano, J. (1992). Screening of Organophosphorus Pesticides Using Liquid Chromatography-Atmospheric Pressure Chemical Ionization Mass Spectrometry. Au - Kawasaki S. *J chromatogr* 595: 193-202.

Chemical of Concern: MLN; Habitat: T

Uno, S., Shiraishi, H., Hatakeyama, S., Otsuki, A., and Koyama, J. (2001). Accumulative Characteristics of Pesticide Residues in Organs of Bivalves (*Anodonta woodiana* and *Corbicula leana*) Under Natural Conditions. *Arch.Environ.Contam.Toxicol.* 40: 35-47.

EcoReference No.: 65855

Chemical of Concern: MLT,DZ,MLN,TBC,BTC,ODZ; Habitat: A; Effect Codes: ACC; Code: NO
ENDPOINT,CONTROL(ALL CHEMS).

Upadhyay, S. and Agrawal, R. K. (1995). Persistent Toxicity of Insecticides in Controlling Mustard Aphid (*Lipaphis erysimi*). *Indian J.Agric.Sci.* 65: 378-380.

EcoReference No.: 89293

Chemical of Concern: FNV,CYP,PPHD,DMT,ES,CPY,MLN; Habitat: T; Effect Codes: MOR; Code:
OK(ALL CHEMS),OK TARGET(MLN).

Upadhyay, S. and Agrawal, R. K. (1993). Persistent Toxicity of Some Insecticides Against *Lipaphis erysimi* (Kalt.) on Mustard . *Indian J.Plant Prot.* 21: 104-105.

EcoReference No.: 92882

Chemical of Concern: PPHD,DMT,ES,CPY,MLN,CYP,FNV,DEM; Habitat: T; Effect Codes: MOR;
Code: TARGET(DMT,MLN,CPY,CYP,FNV,ES).

Uppal, R. P. and Batra, V. K. (1986). Alteration of Microsomal Metabolism by Malathion. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 177.

Chemical of Concern: MLN; Habitat: T

Upshall, D. G., Roger, J. C., and Casida, J. E. (1968). Biochemical Studies on the Teratogenic Action on Bidrin and Other Neuroactive Agents in Developing Hen Eggs. *Biochem.Pharmacol.* 17: 1529-1542.

EcoReference No.: 101386

Chemical of Concern: DCTP,NCTN,MVP,MLN,DDVP,PPHD,PRN; Habitat: T; Effect Codes:
BCM,GRO; Code: NO ENDPOINT(DCTP,NCTN,MVP,MLN,DDVP,PPHD,PRN).

Urbauer, D. and Pruess, K. P. (1973). Drift of Terrestrial Arthropods in an Irrigation Canal Following a Wide-Area Application of ULV Malathion. *J.Econ.Entomol.* 66: 1267-1268.

EcoReference No.: 39173

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL,ENDPOINT(MLN).

Urs, N. V. R., Govindu, H. C., and Shastry, K. S. S. (1967). The Effect of Certain Insecticides on the Entomogenous Fungi *Beauveria bassiana* and *Metarrhizium anisopliae*. *J.Invertebr.Pathol.* 9: 398-403.

EcoReference No.: 89131

Chemical of Concern: PPHD,MP,DDT,MLN,EN,HCCH; Habitat: T; Effect Codes: POP; Code: NO
ENDPOINT(ALL CHEMS).

Uygun, N., Sengonca, C., Ulusoy, M. R., and Kersting, U. (1994). Toxicity of Some Pesticides to *Eretmocerus debachi* (Hymenoptera: Aphelinidae), an Important Parasitoid of *Parabemisia myricae* (Homoptera: Aleyrodidae). *Bull.Entomol.Res.* 84: 119-122.

EcoReference No.: 67978

Chemical of Concern: Captan,FZFB,PAQT,CPYM,MLN,MDT; Habitat: T; Effect Codes: MOR,REP;
Code: NO ENDPOINT(Captan,MLN).

Uygun, Umran, Koksel, Hamit, and Atli, Ayhan (2005). Residue Levels of Malathion and Its Metabolites and Fenitrothion in Post-Harvest Treated Wheat During Storage, Milling and Baking. *Food Chemistry* 92: 643-647.

Chemical of Concern: MLN; Habitat: T

Uygun, Umran, Ozkara, Recep, Ozbey, Ayse, and Koksel, Hamit (2007). Residue Levels of Malathion and Fenitrothion and Their Metabolites in Postharvest Treated Barley During Storage and Malting. *Food Chemistry* 100: 1165-1169.

Chemical of Concern: MLN; Habitat: T

Uygun, Umran, Senoz, Berrin, and Koksel, Hamit (2008-). Dissipation of organophosphorus pesticides in wheat during pasta processing. *Food Chemistry* 109: 355-360.

Chemical of Concern: MLN; Habitat: T

Vaal, M., Van, D. E. R. Wal Jt, Hoekstra, J., and Hermens, J. (1997). Variation in the Sensitivity of Aquatic Species in Relation to the Classification of Environmental Pollutants. *Chemosphere* 35: 1311-1327.

Chemical of Concern: MLN; Habitat: A

Vaid, S. and Mishra, I. M. (1998). Quantitative Determination of Malathion in the Brain Tissue of Fish by High Performance Liquid Chromatography. *Environ.Ecol.* 16: 732-734.

EcoReference No.: 18836

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(MLN).

Vaid, S. and Mishra, I. M. (1997). Simultaneous Determination of Three Organophosphorus Pesticides by Reversed-Phase High Performance Liquid Chromatography in Fish Brain Homogenates. *Environ.Ecol.* 15: 717-719.

EcoReference No.: 18206

Chemical of Concern: DZ,MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT(DZ,MLN).

Vaidya, D. N. and Mehta, P. K. (1993). Efficacy of Field-Weathered Deposits of Insecticides for Control of Gram Podborer, (*Helicoverpa armigera*) and Cabbage Semilooper (*Plusia orichalcea*) Larvae on Egyptian Clover (*Trifolium alexandrinum*). *Indian J.Agric.Sci.* 63: 306-309.

EcoReference No.: 93240

Chemical of Concern: FNV,PMR,ES,MLN,PHSL; Habitat: T; Effect Codes: MOR; Code: TARGET(FNV,MLN,PHSL),NO ENDPOINT(PMR,ES).

Vale, J. A. (1998). Toxicokinetic and Toxicodynamic Aspects of Organophosphorus (Op) Insecticide Poisoning. *Toxicology letters (shannon)* 102-103: 649-652.

Chemical of Concern: MLN; Habitat: T

Valencia, R. (1977). Mutagenesis Screening of Pesticides 'Drosophila'. *EPA Rep.68-01-2474* 71 p.

EcoReference No.: 90924

Chemical of Concern:

ACP,AZ,BMC,Captan,CBF,CPY,DEM,DMT,FNTH,Folpet,MLN,MOM,MXC,PRN,SID,SZ,TCF,TFN; Habitat: T; Effect Codes: CEL,MOR; Code: NO ENDPOINT(ALL CHEMS).

Valsaraj, K. T., Thoma, G. J., Reible, D. D., and Thibodeaux, L. J. (1993). On the Enrichment of Hydrophobic Organic Compounds in Fog Droplets. *Atmos environ part a gen top* 27: 203-210.

Chemical of Concern: MLN; Habitat: T

Van der Staay, M. (1992). Chemical Control of the Larvae of the Leafminer *Liriomyza huidobrensis* (Blanchard) in Lettuce. *Meded.Fac.Landbouww.Univ.Gent* 57: 473-478.

EcoReference No.: 96262

Chemical of Concern: CBF,PRN,CPY,MLN,DZ,ABM,MVP,DM,PPX,OML,CYR,MOM,DMT; Habitat: T; Effect Codes: MOR,POP; Code: NO ENDPOINT(CBF,CPY,MLN,DZ,CYR,MOM,DMT,TARGET-OML).

Van Dijk H Fg and Guicherit, R. (1999). Atmospheric Dispersion of Current-Use Pesticides: a Review of the Evidence From Monitoring Studies. *Water air and soil pollution* 115: 21-70.

Chemical of Concern: MLN; Habitat: A

Van Hemmen Jj and Brouwer, D. H. (1997). Exposure Assessment for Pesticides: Operators and Harvesters Risk Evaluation and Risk Management. *Mededelingen faculteit landbouwkundige en toegepaste biologische wetenschappen universiteit gent* 62: 113-131.

Chemical of Concern: MLN; Habitat: T

Van Metre Pc and Callender, E. (1996). Identifying Water-Quality Trends in the Trinity River, Texas, Usa, 1969-1992, Using Sediment Cores From Lake Livingston. *Environmental geology* 28: 190-200.

Chemical of Concern: MLN; Habitat: A

Van Wijk Rj and Kraaij, R. (1994). Use of Model Parameter Estimations From Standard Fish Toxicity Tests to Indicate Toxic Mechanisms. *Bulletin of environmental contamination and toxicology* 53: 171-178.

Chemical of Concern: MLN; Habitat: A

Varanka, I. (1987). Effect of Mosquito Killer Insecticides on Freshwater Mussels. *Comp.Biochem.Physiol.C* 86:

157-162.

EcoReference No.: 12389

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BEH; Code: NO CONTROL(MLN).

Varanka, I. (1979). Effect of Some Pesticides on the Rhythmic Adductor Muscle Activity of Fresh-Water Mussel Larvae. *Symp.Biol.Hung.* 19: 177-196.

EcoReference No.: 7285

Chemical of Concern: 24DXY,DMT,HCCH,MLN,PQT,PRT; Habitat: A; Effect Codes: PHY; Code: LITE EVAL CODED(DMT,PRT),OK(ALL CHEMS),NO CONTROL(MLN).

Varanka, I. and Benedeczky, I. (1985). Toxicological Effect of Fifanon, K-Otrin, and Unitox on Freshwater Organisms. *C.A.Sel.-Environ.Pollut.* 10:3 / *Probl.Fonovogo Monit.Sostoyaniya Prir.Sredy* 3: 86-93 (RUS).

EcoReference No.: 12499

Chemical of Concern: MLN,DM; Habitat: A; Effect Codes: MOR,PHY; Code: NO ENDPOINT,CONTROL(MLN).

Vargas, R. I., Stark, J. D., Mackey, B., and Bull, R. (2005). Weathering Trials of Amulet Cue-Lure and Amulet Methyl Eugenol "Attract-and-Kill" Stations with Male Melon Flies and Oriental Fruit Flies (Diptera: Tephritidae) in Hawaii. *J.Econ.Entomol.* 98: 1551-1559.

EcoReference No.: 87975

Chemical of Concern: NALED,SS,MEG,MLN,PMR,DDVP; Habitat: T; Effect Codes: POP; Code: NO CONTROL(ALL CHEMS),TARGET MLN.

Vasilic, Zelimira, Stengl, Bozena, and Drevenkar, Vlasta (1999). Dimethylphosphorus Metabolites in Serum and Urine of Persons Poisoned by Malathion or Thiometon. *Chemico-Biological Interactions* 119-120: 479-487.

Chemical of Concern: MLN; Habitat: T

Vatandoost, H., Mashayekhi, M., Abaie, M. R., Aflatoonian, M. R., Hanafi-Bojd, A. A., and Sharifi, I. (2005). Monitoring of Insecticides Resistance in Main Malaria Vectors in a Malarious Area of Kahnooj District, Kerman Province, Southeastern Iran. *J.Vector Borne Dis.* 42: 100-108.

EcoReference No.: 99809

Chemical of Concern: PPX,DM,DLD,DDT,MLN,PMR,LCYT,CYF; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,PMR,CYF).

Velazquez, A., Xamena, N., Creus, A., and Marcos, R. (1987). Mutagenicity Studies on Fenitrothion in *Drosophila*. *Mutagenesis* 2: 333-336.

Chemical of Concern: FNT; Habitat: T; Code: NO COC(MLN).

Venanat, A., Borrel, S., Mallet, J., and Van Neste E (1989). Gel Permeation Chromatography as a Method for the Simultaneous Clean-up of Organochlorine Organophosphate and Polychlorinated Biphenyl Residues in Fat Extracts. *Analisis* 17: 64-66.

Chemical of Concern: MLN; Habitat: T

Venkat, J. A., Shami, S., Davis, K., Nayak, M., Plimmer, J. R., Pfeil, R., and Nair, P. P. *. (1995). Relative Genotoxic Activities of Pesticides Evaluated by a Modified Sos Microplate Assay. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 25, no. 1, pp. 67-76. 1995.

Chemical of Concern: MLN; Habitat: AT

Venkatadri, R. and Peters, R. W. (1993). Chemical Oxidation Technologies Ultraviolet Light-Hydrogen Peroxide Fenton's Reagent and Titanium Dioxide-Assisted Photocatalysis. *Hazard waste hazard mater* 10: 107-149.

Chemical of Concern: MLN; Habitat: AT

Venkataramana, G. V., Rani, P. N. S., and Murthy, P. S. (2006). Impact of Malathion on the Biochemical Parameters of Gobiid Fish, *Glossogobius giuris* (Ham). *J.Environ.Biol.* 27: 119-122.

EcoReference No.: 104956

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Venturino, A., Gauna, L. E., Bergoc, R. M., and D'Angelo, A. M. P. (1992). Effect of Exogenously Applied Polyamines on Malathion Toxicity in the Toad *Bufo arenarum* Hensel. *Arch.Environ.Contam.Toxicol.* 22: 135-139.

EcoReference No.: 3883

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO CONTROL(MLN).

Vera-Avila, L. E., Vazquez-Lira, J. C., de Llasera, M. G., and Covarrubias, R. (2005). Sol--Gel Immunosorbents Doped With Polyclonal Antibodies for the Selective Extraction of Malathion and Triazines From Aqueous Samples. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 39, no. 14, pp. 5421-5426. 15 Jul 2005.

Chemical of Concern: MLN; Habitat: A

Verep, B. (2006). A Research on the Sensitivity of European Chub to Some Pesticides. *Fresenius Environ.Bull.* 15: 1517-1520.

EcoReference No.: 104627

Chemical of Concern: CBL,MLN,DM; Habitat: A; Effect Codes: BEH,MOR; Code: LITE EVAL CODED(CBL,DM),NO PUBL AS(MLN).

Verga, G. R. (1992). Improvements in Flame Photometric Detector Design and Operation: Determination of Organophosphorus Pesticide Residues at Low Picogram Levels. *Hrc (j high resolut chromatogr)* 15: 235-237.

Chemical of Concern: MLN; Habitat: AT

Verhaar, H. Jm, Van Leeuwen Cj, and Hermens, J. Lm (1992). Classifying Environmental Pollutants: Structure-Activity Relationships for Prediction of Aquatic Toxicity. *Chemosphere* 25: 471-491.

Chemical of Concern: MLN; Habitat: AT

Verma, A. N., Sandhu, G. S., and Saramma, P. U. (1967). Relative Efficacy of Different Insecticides as Contact Poisons to the Adults of Singhara-d Beetle *Galerucella-birmanica* Coleoptera Chrysomellidae *trapa-bispinosa*-d Mevinphos Carbaryl Bidrin Nicotine Sulfate Parathion Diazinon Phosphamidon DDT Malathion te. *J.Res.Punjab Agric.Univ.* 4: 415-419.

EcoReference No.: 55198

Chemical of Concern: CBL,DZ,MLN,NCTN; Habitat: T; Code: TARGET(MLN,DZ,NCTN,CBL).

Verma, N., Kaur, J., and Bhatia, A. (2001). Stimulation of Acetylcholinesterase Activity with *Nyctanthes Arbor-tristis* Leaves Extract in the Malathion-Treated Immunosuppressed Mice. *Int.J.Environ.Stud.* 58: 645-654.

EcoReference No.: 90697

Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY; Code: NO ENDPOINT(MLN).

Verma, N. and Purnima (1994). Malathion Induced Phytotoxicity on Seed Germination and Seedling Growth of Mustard. *Proc.Natl.Acad.Sci.India Sect.B* 64: 181-187.

EcoReference No.: 89513

Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,REP; Code: NO ENDPOINT(MLN).

Verma, S. R., Tonk, I. P., and Dalela, R. C. (1981). Determination of the Maximum Acceptable Toxicant Concentration (MATC) and the Safe Concentration for Certain Aquatic Pollutants. *Acta Hydrochim.Hydrobiol.* 9 : 247-254.

EcoReference No.: 10385

Chemical of Concern: DDVP,Cd,PL,CBL,MLN,CBF,CuS,DEM,CHD,NaPCP; Habitat: A; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(CBL,CBF,CuS,NaPCP),NO CONTROL(MLN),OK(DDVP,Cd,PL,DEM,CHD).

Verma, S. R., Tonk, I. P., Gupta, A. K., and Dalela, R. C. (1981). Role of Ascorbic Acid in the Toxicity of Pesticides in a Fresh Water Teleost. *Water Air Soil Pollut.* 16: 107-114.

EcoReference No.: 15613

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Verma, S. R., Tonk, I. P., Gupta, A. K., and Saxena, M. (1984). Evaluation of an Application Factor for Determining the Safe Concentration of Agricultural and Industrial Chemicals. *Water Res.* 18: 111-115.

EcoReference No.: 10575

Chemical of Concern:

NaPCP,CHD,Cd,CuS,Zn,HgCl₂,ABT,CBF,HCCH,DDVP,CBL,PL,ES,MLN,SA,AND; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(CBL,CBF,CuS,NaPCP),OK(ALL CHEMS),NO CONTROL(MLN).

Verma, S. R., Tonk, I. P., and Kumar, V. (1983). Effects of Thiothox, Malathion and Their Two Combinations on Tissues of Notopterus notopterus. *J.Environ.Biol.* 4: 27-33.

EcoReference No.: 4518

Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,MOR,BCM; Code: NO ENDPOINT(MLN).

Verma, S. R., Tyagi, A. K., Bhatnagar, M. C., and Dalela, R. C. (1979). Organophosphate Poisoning to Some Fresh Water Teleosts - Acetylcholinesterase Inhibition. *Bull.Environ.Contam.Toxicol.* 21: 502-506.

EcoReference No.: 5863

Chemical of Concern: DMT,MLN,PHSL; Habitat: A; Effect Codes: BCM; Code: LITE EVAL CODED(DMT),NO ENDPOINT(PHSL,MLN).

Verma, T. D. (1985). Incidence and Chemical Control of Bark-Eating Caterpillar Indarbela quadrinotata on Plum Trees. *Indian J.Agric.Sci.* 55: 131-132.

Chemical of Concern: MLN; Habitat: T; Code: NO CROP(MLN)OK TARGET.

Vermeulen, A. C. (1995). Elaborating Chironomid Deformities as Bioindicators of Toxic Sediment Stress: the Potential Application of Mixture Toxicity Concepts. *Annales zoologici fennici* 32: 265-285.

Chemical of Concern: MLN; Habitat: A

Verrin, S. M., Begg, S. J., Ross, P. S., and Department of Fisheries and Oceans Canada, Sidney, BC (Canada) Inst. Ocean. Sci. (2004). Pesticide Use in British Columbia and the Yukon: an Assessment of Types, Applications and Risks to Aquatic Biota.

Chemical of Concern: MLN; Habitat: A

Verschoye, R. D. and Aldridge, W. N. (1987). The Interaction Between Phosphorothionate Insecticides, Pneumotoxic Trialkyl Phosphorothiolates and Effects on Lung 7-Ethoxycoumarin O-Deethylase Activity. *Arch.Toxicol.* 60: 311-318.

EcoReference No.: 100903

Chemical of Concern: DZ,PIRM,MLN,TMP,AZ,PFF; Habitat: T; Effect Codes: GRO,BCM,MOR; Code: NO ENDPOINT(DZ,PIRM,MLN,TMP,AZ,PFF).

Viana, E., Molto, J. C., Manes, J., and Font, G. (1993). Clean-up and Confirmation Procedures for Gas Chromatographic Determination of Pesticides Residues in Contaminated Waters Part I. *Journal of chromatography a* 655: 285-292.

Chemical of Concern: MLN; Habitat: AT

Viana, E., Redondo, M. J., Font, G., and Molto, J. C. (1996). Disks Versus Columns in the Solid-Phase Extraction of Pesticides From Water. *Journal of chromatography a* 733: 267-274.

Chemical of Concern: MLN; Habitat: AT

Vickers, D. H. and Boyd, C. E. (1971). Effects of Organic Insecticides upon Carbon-14 Uptake by Freshwater Phytoplankton. *Rep.No.CONF-710501-PL, Proc.3rd Natl.Symposium on Radioecology, May 10-12, Oak Ridge, TN* 492-496.

EcoReference No.: 9445

Chemical of Concern: TXP,MRX,AND,CBL,DLD,DDT,MP,MLN; Habitat: A; Effect Codes: POP,PHY; Code: NO ENDPOINT(ALL CHEMS).

Victor, B. (1989). Histological Evaluation of Cythion Toxicity on the Oocyte Development of *Oziotelphusa senex senex*. *J.Environ.Biol.* 10: 65-71.

EcoReference No.: 3453

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,REP; Code: NO CONTROL(MLN).

Vidair, C. A. (2004). Age Dependence of Organophosphate and Carbamate Neurotoxicity in the Postnatal Rat: Extrapolation to the Human. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 196, no. 2, pp. 287-302. 15 Apr 2004.

Chemical of Concern: MLN; Habitat: T

Videira, R. A., Peca, L. Ps, Antunes-Madeira, M. Dc, and Madeira, V. Mc (1994). Effects of Malathion on Membrane Fluidity and Its Implications for the Mechanisms of Toxicity. *Medical science research* 22: 551-553.

Chemical of Concern: MLN; Habitat: AT; Code: NO METHODS(MLN).

Vighi, M. and Calamari, D. (1987). A Triparametric Equation to Describe Qsars for Heterogeneous Chemical Substances. *Chemosphere* 16: 1043-1052.

Chemical of Concern: MLN; Habitat: A

Vighi, M., Garlanda, M. M., and Calamari, D. (1991). Qsars for Toxicity of Organophosphorous Pesticides to Daphnia and Honeybees. *Fourth international workshop on qsar (quantitative structure-activity relationships) in environmental toxicology, veldhoven, netherlands, september 16-20, 1990. Sci total environ* 109-110: 605-622.

Chemical of Concern: MLN; Habitat: AT

Vilanova, E. and Sogorb, M. A. (1999). The Role of Phosphotriesterases in the Detoxication of Organophosphorus Compounds. *Critical reviews in toxicology* 29: 21-57.

Chemical of Concern: MLN; Habitat: T

Villar, D., Li, M. H., and Schaeffer, D. J. (1993). Toxicity of Organophosphorus Pesticides to Dugesia dorotocephala. *Bull.Environ.Contam.Toxicol.* 51: 80-87.

EcoReference No.: 6817

Chemical of Concern: CPY,MLN,MP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,CPY,MP).

Villatte, F., Marcel, V., Estrada-Mondaca, S., and Fournier, D. (1998). Engineering Sensitive Acetylcholinesterase for Detection of Organophosphate and Carbamate Insecticides. *Biosensors & bioelectronics* 13: 157-164.

Chemical of Concern: MLO; Habitat: AT

Villavaso, E. J., Mulrooney, J. E., McGovern, W. L., and Wagner, T. L. (2001). Boll Weevil Mortality and Malathion Residues on Cotton Leaves Treated by Eradication Aircraft. *Southwest.Entomol.* 83-100.

EcoReference No.: 89274

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO CROP(TARGET-MLN).

Villavaso, E. J., Mulrooney, J. E., Wagner, T. L., McGovern, W. L., and Willers, J. L. (2001). Boll Weevil Mortality and Malathion Residues on Cotton Leaves Treated by Eradication Mist Blowers. *Southwest.Entomol.* 24: 75-81.

EcoReference No.: 82964

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,ACC; Code: NO CONTROL,ENDPOINT(TARGET-MLN).

Villen, J., Senorans, F. J., and Herraiz, M. (Very Large Volume Sample Introduction in Capillary Gas Chromatography Using a Programmed Temperature Injector for Pesticide Analysis.

Chemical of Concern: MLN; Habitat: AT

Vinod, P. N. and Laxminarayana, A. (1993). Effect of Some Pesticides on Penaeus indicus H. Milne Edwards. *Cmfri Spec.Publ.* 53: 96-99.

EcoReference No.: 19415

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,PHY,BEH; Code: NO CONTROL(MLN).

Vinuela, E. (1982). Influence of Cold and Carbon Dioxide Anaesthesia on the Susceptibility of Adults of Ceratitis capitata to Malathion. *Ent.Exp.Appl.* 32: 296-298 .

EcoReference No.: 39239

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN).

Vioque-Fernandez, A., Alves de Almeida, E. A., and Lopez-Barea, J. (2007). Esterases as Pesticide Biomarkers in Crayfish (*Procambarus clarkii*, Crustacea): Tissue Distribution, Sensitivity to Model Compounds and Recovery from Inactivation. *Comp.Biochem.Physiol.C* 145: 404-412.

Chemical of Concern: CBL,MLN,CPY; Habitat: A; Code: NO IN VITRO(CBL,MLN,CPY).

Vioque-Fernandez, A., Alves de Almeida, E. A., and Lopez-Barea, J. (2007). Esterases as Pesticide Biomarkers in Crayfish (*Procambarus Clarkii*, Crustacea): Tissue Distribution, Sensitivity to Model Compounds and Recovery From Inactivation. *Comp.Biochem.Physiol.C* 145: 404-412.

Chemical of Concern: CBL,MLN,CPY; Habitat: A

Vitali, M., Guidotti, M., Giovinazzo, R., and Cedrone, O. (1998). Determination of Pesticide Residues in Wine by Spme and Gc for Consumer Risk Assessment./Methods. *Food additives and contaminants* 15: 280-287.

Chemical of Concern: MLN; Habitat: AT

Vogel, E. W., Graf, U., Frei, H. J., and Nivard, M. M. (The Results of Assays in Drosophila as Indicators of Exposure to Carcinogens. *Iarc sci publ 1999(146):427-70: IARC Sci Publ.*

Chemical of Concern: MLO; Habitat: T

Von Windeguth, D. L., Eliason, D. A., and Schoof, H. F. (1971). The Efficacy of Carbaryl, Propoxur, Abate and Methoxychlor as Larvicides Against Field Infestations of *Aedes aegypti*. *Mosq.News* 31: 91-95.

EcoReference No.: 2912

Chemical of Concern: ABT,MLN,PPX,MXC,CBL,DDT; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(ALL CHEMS).

Vosough-Ghanbari, Sanaz, Sayyar, Parisa, Pournourmohammadi, Shirin, Aliahmadi, Atousa, Ostad, Seyed Nasser, and Abdollahi, Mohammad (2007). Stimulation of insulin and glucagon synthesis in rat Langerhans islets by malathion in vitro: Evidence for mitochondrial interaction and involvement of subcellular non-cholinergic mechanisms. *Pesticide Biochemistry and Physiology* 89: 130-136.

Chemical of Concern: MLN; Habitat: T

Vythilingam, I. and Panart, P. (1991). A Field Trial on the Comparative Effectiveness of Malathion and Resigen by ULV Application on *Aedes aegypti*. *Southeast Asian J.Trop.Med.Public Health* 22: 102-107.

EcoReference No.: 74666

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO COC(MLT),NO ENDPOINT(MLN).

Wadhi, S. R. (1961). Tolerance of Peach Saplings to Insecticidal Applications. *Ind.J.Entomol.* 23: 137-148.

EcoReference No.: 71075

Chemical of Concern: DDT,HCCH,PRN,EN,DZ,MLN; Habitat: T; Effect Codes: PHY; Code: NO CONTROL(ALL CHEMS).

Wagenet, R. J. and Hutson, J. L. (1990). Quantifying Pesticide Behavior in Soil. *Cook, r. J. (Ed.). Annual review of phytopathology, vol. 28. X+493p. Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-1328-3. 0: 295-320.*

Chemical of Concern: MLN; Habitat: T

Wagner, E. D., McMillian, S. M., and Plewa, M. J. (2005). Cytotoxicity of Organophosphorus Ester (Op) Insecticides and Cotoxic Synergism of 2-Acetoxyacetylaminofluorene (2aaaf) in Chinese Hamster Ovary (Cho) Cells. *Bull.Environ.Contam.Toxicol.* 75: 329-334.

Chemical of Concern: MP,MLN,EPRN,CPY; Habitat: T

Wagstaff, K. and Merrell, R. (1978). Status of Organophosphorous Mosquito Larvicide Resistance in Utah, 1978. *In: Proc.Utah Mosq.Abatement Assoc.:* 21-27.

EcoReference No.: 100884

Chemical of Concern: PRN,FNTH,MLN,TMP; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,TMP).

Waites, R. E. and Van Middeltem, C. H. (1958). Residue Studies of DDT and Malathion on Turnip Tops, Collards, Snap Beans and Lettuce. *J.Econ.Entomol.* 51: 306-308.

EcoReference No.: 71089

Chemical of Concern: DDT,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,ENDPOINT(MLN,DDT).

Wali-Ur-Rahman (1994). Damage and Control of Heliothis armigera on Nigela sativa Crop. *Pak.J.For.* 44: 12-16.

EcoReference No.: 91084

Chemical of Concern: DDVP,MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Waliszewski, S. M., Aguirre, A. A., Infanzon, R. M., Rivera, J., and Infanzon, R. (1998). Time Trend of Organochlorine Pesticide Residues in Human Adipose Tissue in Veracruz, Mexico: 1988-1997 Survey. *Science of the Total Environment [Sci. Total Environ.]. Vol. 221, no. 2-3, pp. 201-204. 8 Oct 1998.*

Chemical of Concern: MLN; Habitat: T

Walker, A. N., Bush, P., Puritz, J., Wilson, T., Chang, E. S., Miller, T., Holloway, K., and Horst, M. N. (2005). Bioaccumulation and Metabolic Effects of the Endocrine Disruptor Methoprene in the Lobster, Homarus americanus. *Integr.Comp.Biol.* 45: 118-126.

EcoReference No.: 89176

Chemical of Concern: MTPN; Habitat: A; Effect Codes: MOR,GRO,PHY,ACC; Code: NO ENDPOINT(MTPN),NO COC(MLN).

Walker, C. H. (1998). The Use of Biomarkers to Measure the Interactive Effects of Chemicals. *Ecotoxicology and Environmental Safety* 40: 65-70.

Chemical of Concern: MLN; Habitat: T

Walker, C. H., Brealey, C. J., Mackness, M. I., and Johnston, G. (1991). Toxicity of Pesticides to Birds: The Enzymic Factor. *Biochem.Soc.Trans.* 19: 741-745.

Chemical of Concern: CBL,MLN,PCB,HCCH,PIRM,DZ,CPY,AND,AN; Habitat: T; Code: NO REVIEW(CBL,MLN,HCCH,PIRM,DZ,CPY,AND,AN),NO REVIEW(PCB).

Walker, C. H. and Johnston, G. O. (1989). Interactive Effects of Pollutants at the Toxicokinetic Level--Implications for the Marine Environment. *Marine Environmental Research* 28: 521-525.

Chemical of Concern: MLN; Habitat: AT

Walker, N. E. (1971). The Effect of Malathion and Malaoxon on Esterases and Gross Development of the Chick Embryo. *Toxicol.Appl.Pharmacol.* 19: 590-601.

EcoReference No.: 39279

Chemical of Concern: MLN,MLO; Habitat: T; Effect Codes: MOR,BCM; Code: NO
ENDPOINT(MLN,MLO).

Walker, W. W. (1976). Chemical and Microbiological Degradation of Malathion and Parathion in an Estuarine Environment. *J. Environ. Qual. Vol. 5, no. 2, pp. 210-216. 1976.*

Chemical of Concern: MLN; Habitat: AT

Wall, G. R. and Phillips, P. J. (1998). Pesticides in the Hudson River Basin, 1994-96. *Northeastern geology and environmental sciences* 20: 299-307.

Chemical of Concern: MLN; Habitat: A

Wall, W. J. Jr. and Marganian, V. M. (1971). Control of *Culicoides melleus* (Coq.) (Diptera: Ceratopogonidae) with Granular Organophosphorus Pesticides, and the Direct Effect on Other Fauna. *Mosq.News* 31: 209-214.

EcoReference No.: 4800

Chemical of Concern: CPY,DZ,ABT,FNTH,MLN; Habitat: A; Effect Codes: POP; Code: NO
ENDPOINT(DZ,CPY,ABT,FNTH,MLN).

Wallace, K. B. and Herzberg, U. (1988). Reactivation and Aging of Phosphorylated Brain Acetylcholinesterase from Fish and Rodents. *EPA-R-810963 Minnesota Univ.-Duluth.Dept.of Pharmacology* 7 p. (NTIS/PB90-147364).

Chemical of Concern: MLO; Habitat: AT; Code: NO IN VITRO(MLO).

Walter, Z. and Wiskowska, H. (1990). Effect of Malathion on the Initiation and Elongation Steps of Transcription. *Annual meeting of the polish biochemical society, torun, poland, september 1989. Acta biochim pol* 37: 73-76.

Chemical of Concern: MLN; Habitat: AT

Walters, S. M. (1990). Clean-up Techniques for Pesticides in Fatty Foods. *Anal chim acta* 236: 77-82.

Chemical of Concern: MLN; Habitat: AT

Wan, H. (1990). Small-Scale Method for the Determination of Organophosphorus Insecticides in Tea Using Sulfuric Acid as Clean-up Reagent. *J chromatogr* 516: 446-449.

Chemical of Concern: MLN; Habitat: T

Wan, H. B., Wong, M. K., and Mok, C. Y. (1994). Mercury(II) Ion-Promoted Hydrolysis of Some Organophosphorus Pesticides. *Pesticide science* 42: 93-99.

Chemical of Concern: MLN; Habitat: T

Wan, M. T., Szeto, S., and Price, P. (1994). Organophosphorus Insecticide Residues in Farm Ditches of the Lower Fraser Valley of British Columbia. *Journal of environmental science and health part b pesticides food*

contaminants and agricultural wastes 29: 917-949.

Chemical of Concern: MLN; Habitat: A

Wang, C. K. and Lee, S. E. (1997). Evaluation of Granular Activated Carbon Adsorber Design Criteria for Removal of Organics Based on Pilot and Small-Scale Studies. *Water science and technology* 35: 227-234.

Chemical of Concern: MLN; Habitat: A

Wang, L., Lee, F. S. C., Yin, Y. F., Xu, X. Q., Zhou, W. H., and Wang, X. R. (2007). Organophosphate Pesticide Residue Monitoring and Risk Assessment in the Sea-Water From Laizhou Bay. *Journal of Safety and Environment/Anquan Yu Huanjing Xuebao [J. Safety Environ./Anquan Yu Huanjing Xuebao]*. Vol. 7, no. 3, p. 83. Jun 2007.

Chemical of Concern: MLN; Habitat: A

Wang, L., Zhao, Z., Jiang, X., Wu, J., and Martens, D. (2005). Assessment of Pesticide Residues in Two Arable Soils From the Semi-Arid and Subtropical Regions of China. *Environmental Monitoring and Assessment*, 109 (1-3) pp. 317-328, 2005.

Chemical of Concern: MLN; Habitat: T

Wang, T. (1991). Assimilation of Malathion in the Indian River Estuary, Florida. *Bulletin of Environmental Contamination and Toxicology*. Vol. 47, no. 2, pp. 238-243. 1991.

Chemical of Concern: MLN; Habitat: A

Wang, T. C. and Hoffman, M. E. (1991). Degradation of Organophosphorus Pesticides in Coastal Water. *J assoc off anal chem* 74: 883-886.

Chemical of Concern: MLN; Habitat: AT

Ward T. R., Ferris D. J., Tilson H. A., and Mundy W. R. (1993). Correlation of the Anticholinesterase Activity of a Series of Organophosphates With Their Ability to Compete With Agonist Binding to Muscarinic Receptors. *Toxicology and Applied Pharmacology* 122: 300-307.

Chemical of Concern: MLN; Habitat: T

Ward, T. R., Ferris, D. J., Tilson, H. A., Padilla, S., and Mundy, W. R. (1992). Comparison of Organophosphate Interactions With Ache and Muscarinic Receptors. *22nd annual meeting of the society for neuroscience, anaheim, california, usa, october 25-30, 1992. Soc neurosci abstr* 18: 1605.

Chemical of Concern: MLN; Habitat: T

Ward, T. R. and Mundy, W. R. (1996). Organophosphorus Compounds Preferentially Affect Second Messenger Systems Coupled to M24 Receptors in Rat Frontal Cortex. *Brain research bulletin* 39: 49-55.

Chemical of Concern: MLN; Habitat: T

Ward, T. R., Padilla, S., and Mundy, W. R. (1993). Paraoxon and Malaoxon Inhibit Camp Formation but Do Not Affect Inositol Phosphate Accumulation in Rat Brain Cortical Slices. *23rd annual meeting of the society for neuroscience, washington, d.c., Usa, november 7-12, 1993. Society for neuroscience abstracts* 19: 461.

Chemical of Concern: MLO; Habitat: T

Ware, G. W. (1991). Reviews of Environmental Contamination and Toxicology Vol. 118. Ware, g. W. (Ed.). *Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 1x+158p.*

Chemical of Concern: MLN; Habitat: AT

Waseem, A., Yaqoob, M., and Nabi, A. (Flow-Injection Determination of Carbaryl and Carbofuran Based on KmnO₄-Na₂SO₃ Chemiluminescence Detection. *Luminescence. 2007 jul-aug; 22(4):349-54. [Luminescence : the journal of biological and chemical luminescence]: Luminescence.*

Chemical of Concern: MLN; Habitat: A

Watanabe, M., Takebe, S., Kim, D. H., Kobashi, K., Arakawa, R., and Kamimura, K. (Pseudo-Type Acetylcholinesterase From Insecticide-Resistant Culex Tritaeniorhynchus.

Chemical of Concern: MLO; Habitat: T

Watanabe, T. (1998). Determination of the Concentration of Pesticides in Atmosphere at High Altitudes After Aerial Application. *Bulletin of environmental contamination and toxicology* 60: 669-676.

Chemical of Concern: MLN; Habitat: AT

Waters, M. D., Sandhu, S. S., Simmon, V. F., Mortelmans, K. E., Mitchell, A. D., Jorgenson, T. A., Jones, D. C. L., Valencia, R., and Garrett, N. E. (1982). Study of Pesticide Genotoxicity. *Basic Life Sci.* 21: 275-326.

EcoReference No.: 89613

Chemical of Concern: AZ,Captan,CPY,DEM,EN,MLN,MP,SID,24DXY,Maneb,MXC,BMC; Habitat: T; Effect Codes: MOR,CEL; Code: NO ENDPOINT(ALL CHEMS) .

Waters, Michael D., Bergman, Hinda B., and Nesnow, Stephen (1988). The Genetic Toxicology of Gene-Tox Non-Carcinogens. *Mutation Research/Genetic Toxicology* 205: 139-182.

Chemical of Concern: MLN; Habitat: T

Waters, R. D., Crutcher, M. R., and Parker, F. L. (1993). Hazard Ranking Systems for Chemical Wastes and Chemical Waste Sites. Saxena, j. (Ed.). *Hazard assessment of chemicals, vol. 8. Xii+332p. Taylor & francis inc.: Bristol, pennsylvania, usa London, england, uk. Isbn 1-56032-271-3.; 0: 115-170.*

Chemical of Concern: MLN; Habitat: T

Watson, J. E. (1996). Pesticides as a Source of Pollution. Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). *Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-550660-0.; 0: 253-266.*

Chemical of Concern: MLN; Habitat: AT

Way, M. O. and Wallace, R. G. (1990). Residual Activity of Selected Insecticides for Control of Rice Stink Bug (Hemiptera: Pentatomidae). *J.Econ.Entomol.* 83: 591-595 .

EcoReference No.: 91025

Chemical of Concern: ACP,MLN,MP,CBL; Habitat: T; Effect Codes: POP; Code: OK TARGET(ALL CHEMS).

Webb, C. M. and Crain, D. A. (2006-). Effects of Ecologically Relevant Doses of Malathion on Developing *Xenopus laevis* Tadpoles . *BIOS (Florence)* 77: 1-6.

Chemical of Concern: MLN; Habitat: A

Webb, R. E., Bloomer, C. C., and Miranda, C. L. (1973). Effect of Casein Diets on the Toxicity of Malathion and Parathion and Their Oxygen Analogues. *Bull.Environ.Contam.Toxicol.* 9: 102-107.

EcoReference No.: 39312

Chemical of Concern: MLN,MLO,PRN; Habitat: T; Effect Codes: PHY,MOR; Code: NO CONTROL(ALL CHEMS).

Weber, F. H., Shea, T. B., and Berry, E. S. (1982). Toxicity of Certain Insecticides to Protozoa. *Bull.Environ.Contam.Toxicol.* 28 : 628-631.

EcoReference No.: 15370

Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(CBL,MLN).

Weber, J. B. (1977). The Pesticide Scorecard. Toxicological Effects, Biological Distributions, and the Fate of These Chemicals Can Be Quantified in a Simplified, Straightforward Manner. *Environ.Sci.Technol.* 11: 756-761.

Chemical of Concern:

24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLN,EN,DDVP,ACR,BMC,Captan,DS,MLN,PRN,PRT,CBL,CBF,CuS,Cu,DMB,DU,Hg,PYZ; Habitat: AT

Weber, J. B., Best, J. A., and Gonese, J. U. (1993). Bioavailability and Bioactivity of Sorbed Organic Chemicals. *Sssa special publication* 0: 153-196.

Chemical of Concern: MLN; Habitat: T

Wegman, R. Cc and Melis, P. H Am (1986). Organic Pollutants in Water. *Crit rev anal chem* 16: 281-322.

Chemical of Concern: MLN; Habitat: A

Wegner, S. J. and Campbell, L. J. (1991). Radionuclides, Chemical Constituents, and Organic Compounds in Water From Designated Wells and Springs From the Southern Boundary of the Idaho National Engineering Laboratory to the Hagerman Area, Idaho, 1989.

Chemical of Concern: MLN; Habitat: A

Wei, H., Huang, Y., and Du, J. (2004). Sex Pheromones and Reproductive Behavior of *Spodoptera litura* (Fabricius) Moths Reared from Larvae Treated with Four Insecticides. *J.Chem.Ecol.* 30: 1457-1466.

EcoReference No.: 90664

Chemical of Concern: DM,ES,MLN,CBL; Habitat: T; Effect Codes: MOR,BEH,REP,BCM; Code: OK TARGET(MLN,CBL).

Weinbaum, Z., Schenker, M. B., O'malley, M. A., Gold, E. B., and Samuels, S. J. (1995). Determinants of Disability in Illnesses Related to Agricultural Use of Organophosphates (Ops) in California. *American journal of industrial medicine* 28: 257-274.

Chemical of Concern: MLN; Habitat: T

Weis, J. S. and Weis, P. (1989). Effects of Environmental Pollutants on Early Fish Development. *Rev aquat sci* 1: 45-74.

Chemical of Concern: MLN; Habitat: A

Weis, J. S. and Weis, P. (1976). Optical Malformations Induced by Insecticides in Embryos of the Atlantic Silverside, *Menidia menidia*. *Fish.Bull.NMFS/NOAA* 74: 208-211 .

EcoReference No.: 15997

Chemical of Concern: MLN,DDT,CBL; Habitat: A; Effect Codes: PHY,MOR,GRO; Code: NO ENDPOINT(ALL CHEMS).

Weis, J. S. and Weis, P. (1975). Retardation of Fin Regeneration in *Fundulus* by Several Insecticides. *Trans.Am.Fish.Soc.* 104: 135-137.

EcoReference No.: 8232

Chemical of Concern: DDT,CBL,MLN,PRN; Habitat: A; Effect Codes: GRO; Code: LITE EVAL CODED(CBL),NO ENDPOINT(DDT,MLN,PRN).

Weis, P. and Weis, J. S. (1976). Abnormal Locomotion Associated with Skeletal Malformations in the Sheepshead Minnow, *Cyprinodon variegatus*, Exposed to Malathion. *Environ.Res.* 12: 196-200.

EcoReference No.: 15998

Chemical of Concern: CBL,DDT,MLN; Habitat: A; Effect Codes: BEH,GRO; Code: NO ENDPOINT(ALL CHEMS).

Weis, P. and Weis, J. S. (1974). Cardiac Malformations and Other Effects due to Insecticides in Embryos of the Killifish, *Fundulus heteroclitus*. *Teratology* 10: 263-267 .

EcoReference No.: 8754

Chemical of Concern: DDT,MLN,PRN,CBL; Habitat: A; Effect Codes: GRO,BEH,MOR,PHY; Code: NO ENDPOINT(DDT,MLN,PRN,CBL).

Weiss, C. M. (1964). Organic Pesticides and Water Pollution. *Public Works* 84-87.

EcoReference No.: 67820

Chemical of Concern: EN,TXP,AZ,PRM,DS,MLN,MP,TCF,DLD,AND,DDT,HPT,CHD,MXC,HCCH; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(AZ,PRN),NO REVIEW(EN,TXP,PRM,DS,MLN,MP,TCF,DLD,AND,DDT,HPT,CHD,MXC,HCCH).

Weiss, C. M. (1961). Physiological Effect of Organic Phosphorus Insecticides on Several Species of Fish. *Trans.Am.Fish.Soc.* 90: 143-152.

EcoReference No.: 2134

Chemical of Concern: PRN,CMPH,DS,AZ,DZ,MLN; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(AZ,DZ),NO CONTROL(MLN),OK(DS,CMPH,PRN).

Weiss, C. M. (1959). Response of Fish to Sub-Lethal Exposures of Organic Phosphorus Insecticides. *Sewage Ind.Wastes* 31: 580-593.

EcoReference No.: 60203

Chemical of Concern: PRN,DZ,MLN,DEM,AZ; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(ALL CHEMS).

Weiss, C. M. (1959). Stream Pollution: Response of Fish to Sub-lethal Exposures of Organic Phosphorus Insecticides. *Sewage Ind.Wastes* 31: 580-593.

EcoReference No.: 8113

Chemical of Concern: AZ,DZ,MLN,PRN,DEM; Habitat: A; Effect Codes: PHY,GRO; Code: NO ENDPOINT(ALL CHEMS).

Weiss, C. M. and Gakstatter, J. H. (1965). The Decay of Anticholinesterase Activity of Organic Phosphorus Insecticides on Storage in Water of Different Ph. In: *Proc.2nd Int.Water Pollut.Res.Conf., August 1964, Tokyo Adv.Water Pollut.Res.* 1: 83-102.

Chemical of Concern: MP,PRN,FNTH,DZ,MLN,AZ,TCF,DDVP,DEM; Habitat: A

Weiss, C. M. and Gakstatter, J. H. (1964). Detection of Pesticides in Water by Biochemical Assay. *J.Water Pollut.Control Fed.* 36 : 240-253.

EcoReference No.: 8115

Chemical of Concern: AZ,DS,DZ,MLN,DEM,PRN; Habitat: A; Effect Codes: PHY; Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Weiss, M. J., McLeod, P., Schatz, B. G., and Hanson, B. K. (1991). Potential for Insecticidal Management of Flea Beetle (Coleoptera: Chrysomelidae) on Canola. *J.Econ.Entomol.* 84: 1597-1603.

EcoReference No.: 89123

Chemical of Concern: EFV,PMR,ES,CBL,MLN; Habitat: T; Effect Codes: MOR,GRO,POP; Code: OK(EFV,PMR,ES),NO CROP(CBL,MLN).

Wellborn, T. L. Jr. (1971). Toxicity of Some Compounds to Striped Bass Fingerlings. *Prog.Fish-Cult.* 33: 32-36.

EcoReference No.: 966

Chemical of Concern: EDT,CMPH,DBN,HCCH,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN,EDT,CMPH,DBN,HCCH).

Wenda-Rozewicka, L. (1982). Dna Content in the Mouse Spermatogonia B and Spermatid Nuclei During Treatment With Insecticides. *Folia Histochemica et Cytochemica [FOLIA HISTOCHEM. CYTOCHEM.]. Vol. 20, no. 3-4, pp. 89-102. 1982.*

Chemical of Concern: MLN; Habitat: AT

Wenzel, A., Nendza, M., Hartmann, P., and Kanne, R. (1997). Test-Battery for the Assessment of Aquatic Toxicity. *Chemosphere* 35: 307-322.

Chemical of Concern: MLN; Habitat: A

Weres, O. and Pocekay, J. (Decontamination System Utilizing Hydrogen Peroxide, Uv Light and Catalytic Surfaces. *Govt reports announcements & index (gra&i), issue 14, 2092.*

Chemical of Concern: MLN; Habitat: AT

Werner, I., Deanovic, L. A., Connor, V., De Vlaming, V., Bailey, H. C., and Hinton, D. E. (2000). Insecticide-Caused Toxicity to Ceriodaphnia Dubia (Cladocera) in the Sacramento-San Joaquin River Delta, California, Usa. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 19, no. 1, pp. 215-227. Jan 2000.*

Chemical of Concern: MLN; Habitat: A

Wester, R. C., Melendres, J., Serranzana, S., and Maibach, H. I. (1994). Time-Response Necessary in Validation for Extraction of Pesticides From Cloth Patches Used in Field Exposure Studies. *Archives of environmental contamination and toxicology* 27: 276-280.

Chemical of Concern: MLN; Habitat: T

Wester, R. C., Quan, D., and Maibach, H. I. (1996). In Vitro Percutaneous Absorption of Model Compounds Glyphosate and Malathion From Cotton Fabric Into and Through Human Skin. *Food and Chemical Toxicology*. Vol. 34, no. 8, pp. 731-735. Aug 1996.

Chemical of Concern: MLN; Habitat: AT

White, N. D. G. and Nowicki, T. W. (1985). Effects of Temperature and Duration of Storage on the Degradation of Malathion Residues in Dry Rapeseed. *Journal of Stored Products Research* 21: 111-114.

Chemical of Concern: MLN; Habitat: T

White, N. Dg (1985). Research on Contact Insecticides Used as Structural Treatments to Control Stored-Product Insects. *Annual meeting of the canadian society of pest management, winnipeg, manit., Canada, aug. 20-22, 1984. Can j plant sci* 65: 813-814.

Chemical of Concern: MLN; Habitat: T

White, N. Dg (Uptake of Malathion and Pirimiphos-Methyl by Rye Wheat or Triticale Stored on Treated Surfaces. *J econ entomol*; 78 (6). 1985 (recd. 1986). 1315-1319.

Chemical of Concern: MLN; Habitat: T

White, N. Dg, Jayas, D. S., Mills, J. T., and Dronzek, B. L. (1992). Effects of Canola Oil or White Mineral Oil at Dust Suppressant Levels on the Storage Characteristics of Wheat. *Cereal chem* 69: 182-187.

Chemical of Concern: MLN; Habitat: T

Whitten, B. K. and Goodnight, C. J. (1966). Toxicity of Some Common Insecticides to Tubificids. *J. Water Pollut. Control Fed.* 38: 227-235.

EcoReference No.: 8046

Chemical of Concern: DDT,PRN,HCCH,DLD,CBL,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (CBL),NO CONTROL(DDT,PRN,HCCH,DLD,MLN).

Who (Specifications for Pesticides Used in Public Health Insecticides Molluscicides Repellents Methods Sixth Edition. *Who. Specifications for pesticides used in public health: insecticides, molluscicides, repellents, methods, sixth edition. 384p. Who: geneva, switzerland. Illus. Paper. Isbn 92-4-156084-3.; 0 (0). 1985 (recd. 1986). 384p.*

Chemical of Concern: MLN; Habitat: T

Who Expert Comm Vector Biol Control (1990). Chemistry and Specifications of Pesticides Thirteenth Report of the Who Expert Committee on Vector Biology and Control. *Who tech rep ser* 0: 1-77.

Chemical of Concern: MLN; Habitat: AT

Whyard, S., Downe, A. E. R., and Walker, V. K. *. (1995). Characterization of a Novel Esterase Conferring Insecticide Resistance in the Mosquito Culex Tarsalis. *Archives of Insect Biochemistry and Physiology [ARCH. INSECT BIOCHEM. PHYSIOL.]*. Vol. 29, no. 4, pp. 329-342. 1995.

Chemical of Concern: MLN; Habitat: T

Whyard S. and Walker V. K. (1994). Characterization of Malathion Carboxylesterase in the Sheep Blowfly Lucilia Cuprina. *Pesticide Biochemistry and Physiology* 50: 198-206.

Chemical of Concern: MLN; Habitat: T

Wiaderekiewicz, R., Walter, Z., and Reimschuessel, W. (1986). Sites of Methylation of Dna Bases by the Action of Organophosphorus Insecticides in-Vitro. *Acta biochim pol* 33: 73-86.

Chemical of Concern: MLN; Habitat: T

Wiendl, F. M. and Sgrillo, R. B. (1982). Degradation of Malathion by Gamma Radiation of Cobalt-60. *CIENC. CULT. Vol. 34, no. 7, pp. 917-921. 1982.*

Chemical of Concern: MLN; Habitat: AT

Wilkins, A. P. and Horne, R. (1991). Wood-Density Variation of Young Plantation-Grown Eucalyptus grandis in Response to Silvicultural Treatments. *For.Ecol.Manag.* 40: 39-50.

EcoReference No.: 88900

Chemical of Concern: NHS04,SFR,PPZ,GYP,MLN,DEM; Habitat: T; Effect Codes: GRO; Code: OK(GYP),NO COC(OXD),NO MIXTURE(MLN,DEM).

Wilkins, J. P. and Mason, D. J. (1987). A Study of the Trans-Esterification Products of Malathion by Capillary Gas Chromatography-Mass Spectrometry. *Pestic sci* 20: 259-270.

Chemical of Concern: MLN; Habitat: T

Willens, S., Stoskopf, M. K., Baynes, R. E., Lewbart, G. A., Taylor, S. K., and Kennedy-Stoskopf, S. (2006). Percutaneous Malathion Absorption by Anuran Skin in Flow-Through Diffusion Cells. *Environ.Toxicol.Pharmacol.* 22: 255-262.

Chemical of Concern: MLN; Habitat: T; Code: NO IN VITRO(MLN).

Willens, S., Stoskopf, M. K., Baynes, R. E., Lewbart, G. A., Taylor, S. K., and Kennedy-Stoskopf, S. (2006). Percutaneous Malathion Absorption in the Harvested Perfused Anuran Pelvic Limb. *Environ.Toxicol.Pharmacol.* 22: 263-267.

Chemical of Concern: MLN; Habitat: T; Code: NO IN VITRO(MLN).

Williams, D. J., Bevilacqua, V. L., Creasy, W. R., McGarvey, D. J., and Rice, J. S. (Use of Alum Mixtures for Removal and Decontamination of Vx and Q1 in Aqueous Solutions. *Govt reports announcements & index (gra&i), issue 22, 2006.*

Chemical of Concern: MLN; Habitat: A

Williams, G. H., Glotfelty, D. E., and Glenn, S. (1986). Pesticide Washout in Rain. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.

Chemical of Concern: MLN; Habitat: AT

Williams, R. E. and Berry, J. G. (1980). Control of Northern Fowl Mite with Permethrin and Fenvalerate, Two Synthetic Pyrethroid Compounds. *Poult.Sci.* 59: 1211-1214.

EcoReference No.: 39400

Chemical of Concern: PMR,PYT,FNV,CBL,MLN; Habitat: T; Effect Codes: POP; Code: OK(ALL CHEMS),TARGET(MLN,CBL).

Willington, S. E., Zajac, W., McGregor, D. B., and Combes, R. D. (Method and Criteria for Assessing the Activity of Chemicals in the V79 Metabolic Cooperation Assay. *Mutat res* 216:283,1989: *MUTAT RES*.

Chemical of Concern: MLO; Habitat: AT

Willis, G. H., McDowell, L. L., Smith, S., and Southwick, L. M. (1992). Foliar Washoff of Oil-Applied Malathion and Permethrin as a Function of Time After Application. *J.Agric.Food Chem.* 40: 1086-1089.

EcoReference No.: 88978

Chemical of Concern: PMR,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL(MLN,PMR).

Wilson, B. R. (1966). Fate Of Pesticides In The Environment - A Progress Report. *Trans.N.Y.Acad.Sci.* 28: 694-705.

EcoReference No.: 55655

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN).

Wilson, B. W. and Stinnett, H. O. (Growth and Respiration of Monolayer Cell Cultures of Chick Embryo Heart Muscle and Skeletal Muscle: Action of Malathion and Malaoxon. *Proc. Soc. Exptl. Biol. Med.*; 130(1), 30-4, 1969; (ref:13).

Chemical of Concern: MLO; Habitat: T

Wilson, B. W., Stinnett, H. O., Fry, D. M., and Nieberg, P. S. (1973). Growth and Metabolism of Chick Embryo Muscle Cultures: Inhibition with Malathion and Other Organophosphorus Compounds. *Arch.Environ.Health* 26: 93-99.

Chemical of Concern: DDT,DLD,DCF,CHD,DS,DZ,PRN,MLN,MLO,CBL,DMT; Habitat: T; Code: NO IN VITRO(DCF,DS,DZ,MLN,MLO,CBL).

Wilson, B. W. and Walker, N. E. (1966). Toxicity of Malathion and Mercaptosuccinate to Growth of Chick Embryo Cells In Vitro . *Proc.Soc.Exp.Biol.Med.* 121: 1260-1264.

Chemical of Concern: MLN; Habitat: T

Wilson, R. E., Crowley, H. A., Brownawell, B. J. , and Swanson, R. L. (2005). Simulations of Transient Pesticide Concentrations in Long Island Sound for Late Summer 1999 With a High Resolution Coastal Circulation Model. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 865-875. Oct 2005.

Chemical of Concern: MLN; Habitat: T

Wing, K. D., Glickman, A. H., and Casida, J. E. (1984). Phosphorothiolate Pesticides and Related Compounds: Oxidative Bioactivation and Aging of the Inhibited Acetylcholinesterase. *Pestic biochem physiol* 21: 22-30.

Chemical of Concern: MLO; Habitat: T

Winger, P. V. and Andreasen, J. K. (1985). Contaminant Residues in Fish and Sediments From Lakes in the Atchafalaya River Basin Louisiana Usa. *Arch environ contam toxicol* 14: 579-586.

Chemical of Concern: MLN; Habitat: A

Wintersteen, W. K. and Foster, D. E. (1992). Degradation of Malathion as a Function of Grain Drying Systems. *J econ entomol* 85: 1015-1022.

Chemical of Concern: MLN; Habitat: T

Wirth, M. C., Marquine, M., Georghiou, G. P., and Pasteur, N. (1990). Esterases A2 and B2 in *Culex quinquefasciatus* (Diptera: Culicidae): Role in Organophosphate Resistance and Linkage. *J.Med.Entomol.* 27: 202-206.

EcoReference No.: 100789

Chemical of Concern: PPX,CPY,TMP,MLN; Habitat: A; Effect Codes: MOR,BCM; Code: NO
CONTROL(PPX,CPY,TMP,MLN).

Wirth, M. C., Marquine, M., Georghiou, G. P., and Pasteur, N. (1990). Esterases A2 and B2 in *Culex Quinquefasciatus* (Diptera: Culicidae): Role in Organophosphate Resistance and Linkage. *J med entomol* 27: 202-206.

Chemical of Concern: MLN; Habitat: T

Wiszkowska, H., Kubiak, A., and Walter, Z. (The Influence of Organophosphorus Compounds on Rna Synthesis in Isolated Cell Nuclei. *Genet pol*; 25 (4). 1984 (recd. 1985). 319-326.

Chemical of Concern: MLN; Habitat: T

Wiszkowska, Hanna, Kulamowicz, Irena, Malinowska, Alicja, and Walter, Zofia (1986). The Effect of Malathion on Rna Polymerase Activity of Cell Nuclei and Transcription Products in Lymphocyte Culture. *Environmental Research* 41: 372-377.

Chemical of Concern: MLN; Habitat: AT

Witter, R. F. and Gaines, T. B. (1963). Rate of Formation In Vivo of the Unreactivable Form of Brain Cholinesterase in Chickens Given DDVP or Malathion. *Biochem.Pharmacol.* 12: 1421-1427.

EcoReference No.: 89248

Chemical of Concern: DDVP,MLN,MLO; Habitat: T; Effect Codes: BCM; Code: NO
ENDPOINT(MLN,DDVP),NO IN VITRO(MLO).

Wittmann, C., Riedel, K., and Schmid, R. D. (1997). Microbial and Enzyme Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 299-332.

Chemical of Concern: MLN; Habitat: T

Wittmann, C. and Schmid, R. D. (1997). Bioaffinity Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 333-347.

Chemical of Concern: MLN; Habitat: A

Wojtysiak, M., Wiszkowska, H., and Walter, Z. (1987). Effect of Malathion on Dna Isolated From Transcriptionally Active and Inactive Chromatin From Calf Thymus. *Stud biophys* 120: 43-49.

Chemical of Concern: MLN; Habitat: T

Wolf, M., Deleu, R., and Copin, A. (Separation of Pesticides by Capillary Gas Chromatography. Part 2. Organophosphorus Insecticides. *J. High resolut. Chromatogr. Chromatogr. Commun.* 4(7): 346-347 1981 (11 references).

Chemical of Concern: MLO; Habitat: AT

Wolfe, N. L., Zepp, R. G., Gordon, J. A., Baughman, G. L., and Cline, D. M. (1977). Kinetics of Chemical Degradation of Malathion in Water. *Environ.Sci.Technol.* 11: 88-93.

Chemical of Concern: MLN; Habitat: A

Wolverton, B. C., Richter, R., and Lefstad, S. M. (1971). Organophosphorus Insecticide Decontaminant. In: *F.W.Forbes and P.Dergarabedian, Proc.of a Spec.AAS/AIAA Tech.Event held Oct.30, 1970, at the Winrock, Ark.at the Invitation of Gov.Winthrop Reckefeller, Vol.26, in AAS Sci.Technol.Ser., Am.Astronautical Soc.Publ.:* 7-13.

EcoReference No.: 94004

Chemical of Concern: FNTH,DDVP,Naled,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(Naled,MLN,DDVP).

Wong, P. K. and Chang, L. (1988). The Effects of 2,4-D Herbicide and Organophosphorus Insecticides on Growth, Photosynthesis, and Chlorophyll a Synthesis of *Chlamydomonas reinhardtii* (mt+). *Environ.Pollut.* 55: 179-189.

EcoReference No.: 13243

Chemical of Concern: 24DXY,DMT,DZ,MLN,FNT; Habitat: A; Effect Codes: PHY,GRO,BCM; Code: NO ENDPOINT(ALL CHEMS).

Wong, P. K., Wai, C. C., and Liong, E. (1989). Comparative Study on Mutagenicities of Organophosphorus Insecticides in Salmonella. *Chemosphere* 18: 2413-2422.

Chemical of Concern: MLN; Habitat: AT

Wong, T. T. Y., Beavers, J. B., Sutton, R. A., and Norman, P. A. (1975). Field Tests of Insecticides for Control of Adult *Diaprepes abbreviatus* on Citrus. *J.Econ.Entomol.* 68: 119-121.

EcoReference No.: 55723

Chemical of Concern:

MDT,OXD,OML,MLN,PHI,ETN,HPT,DMT,DZ,DEM,CHD,CBL,DCTP,DLD,CBP,AZ,AND; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(MLN,DMT).

Woo, Y. T., Lai, D. Y., Argus, M. F., and Arcos, J. C. (1996). Carcinogenicity of Organophosphorus Pesticides-Compounds an Analysis of Their Structure-Activity Relationships. *Journal of environmental science and health part c environmental carcinogenesis & ecotoxicology reviews* 14: 1-42.

Chemical of Concern: MLO; Habitat: T

Wood, A. B. and Kanagasabapathy, L. (1983). Evaluation of Inexpensive Thin-Layer Chromatographic Procedures for the Estimation of Some Organophosphorus and Carbamate Insecticide Residues in Fruit and Vegetables. *Pestic sci* 14: 108-118.

Chemical of Concern: MLO; Habitat: T

Woodham, D. W., Robinson, H. F., Reeves, R. G., Bond, C. A., and Richardson, H. (1977). Monitoring Agricultural Insecticides in the Cooperative Cotton Pest Management Program in Arizona, 1971 - First-Year Study. *Pestic.Monit.J.* 10: 159-167.

Chemical of Concern: MP,DMT,MLN,TXP,EN,HCCH,AND,HPT,DDT,DLD; Habitat: AT

Woodson, W. D., Edelson, J. V., and Royer, T. A. (1989). Control of a Carrot Weevil, *Listronotus texanus* (Coleoptera: Curculionidae) Timing Pesticide Applications and Response to Selected Pesticides. *J.Econ.Entomol.* 82: 209-212.

EcoReference No.: 90658

Chemical of Concern: MLN,CBL,MP,CYF,OML,AZ,FNV; Habitat: T; Effect Codes: POP; Code: OK
TARGET(MLN,CBL,MP,AZ,CYF,FNV).

Wool, D., Brower, J. H., and Kamin-Belsky, N. (The Genetic Impact of Immigrant Males on Resident Populations of the Almond Moth *Ephestia-Cautella*. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987). 354.*

Chemical of Concern: MLN; Habitat: T

Wool, D., Brower, J. H., and Kamin-Belsky, N. (1992). Reduction of Malathion Resistance in Caged Almond Moth, *Cadra cautella* (Walker) (Lepidoptera: Pyralidae), Populations by the Introduction of Susceptible Males. *J.Stored Prod.Res.* 28: 59-65.

EcoReference No.: 66538

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wool, David and Front, Lilach (2003). Esterase Variation in *Tribolium Confusum* (Coleoptera: Tenebrionidae): Genetic Analysis of Interstrain Crosses in Relation to Malathion Resistance. *Journal of Stored Products Research* 39: 237-249.

Chemical of Concern: MLN; Habitat: T

Worek, F., Diepold, C., and Eyer, P. (1999). Dimethylphosphoryl-Inhibited Human Cholinesterases: Inhibition, Reactivation, and Aging Kinetics. *Archives of Toxicology [Arch. Toxicol.]*. Vol. 73, no. 1, pp. 7-14. 22 Mar 1999.

Chemical of Concern: MLN; Habitat: T

Worek, F., Kirchner, T., Baecker, M., and Szinicz, L. (1996). Reactivation by Various Oximes of Human Erythrocyte Acetylcholinesterase Inhibited by Different Organophosphorus Compounds. *Archives of toxicology* 70: 497-503.

Chemical of Concern: MLO; Habitat: T

Worthing, C. R. (1991). The Pesticide Manual a World **Compendium** 9th Edition. *Worthing, c. R. (Ed.). The pesticide manual: a world compendium, 9th edition. Xlvii+1141p. British crop protection council: farnham, england, uk. Illus. Isbn 0-948404-42-6. 0: Xlvii+1141p.*

Chemical of Concern: MLN; Habitat: AT

Wright, C. G., Leidy, R. B., and Dupree, H. E Jr (1996). Insecticide Residues in the Ambient Air of Commercial Pest Control Buildings 1993. *Bulletin of environmental contamination and toxicology* 56: 21-28.

Chemical of Concern: MLN; Habitat: AT

Wright, D. J. and Verkerk, R. Hj (1995). Integration of Chemical and Biological Control Systems for Arthropods: Evaluation in a Multitrophic Context. *Pesticide science* 44: 207-218.

Chemical of Concern: MLN; Habitat: T

Wu Tze-Kann and Lo Kang-Chen (1988). Comparative Toxicity of Some Pesticides Against Phytophagous Mite. *Panonychus Citri* (Acarina: Tetranychidae), Green Lacewing, *Chrysopa Boninensis* (Neuroptera: Chrysopidae) and Chrysopid Egg Parasite, *Telenomus Ampullaceus* (Hymenoptera: Scelionidae). *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN)]*. Vol. 30, no. 4, pp. 371-378. 1988.

Chemical of Concern: MLN; Habitat: AT

Wu, Y. S., Lee, H. K., and Li, S. Fy (1998). Rapid Estimation of Octanol-Water Partition Coefficients of Pesticides by Micellar Electrokinetic Chromatography. *Electrophoresis* 19: 1719-1727.

Chemical of Concern: MLN; Habitat: A

Wytenbach, C. R., Thompson, S. C., Garrison, J. C., and Kitos, P. A. (1981). Precision Delivery of Small Volumes of Liquids to Very Young Avian Embryos I. Locating and Positioning the Embryo In Ovo. *Toxicol.Appl.Pharmacol.* 59: 40-48.

EcoReference No.: 88963

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Xiong, S. and Rodgers, K. (Effects of Malathion Metabolites on Degranulation of and Mediator Release by Human and Rat Basophilic Cells. *J toxicol environ health.* 1997, jun 6; 51(2):159-75. [*Journal of toxicology and environmental health*]; *J Toxicol Environ Health*.

Chemical of Concern: MLO; Habitat: T

Yadav, A. K. and Singh, T. P. (1986). Effect of Pesticide on Circulating Thyroid Hormone Levels in the Freshwater Catfish, *Heteropneustes fossilis* (Bloch). *Environ.Res.* 39: 136-142.

EcoReference No.: 11831

Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,MOR; Code: NO CONTROL(MLN).

Yadav, A. K. and Singh, T. P. (1987). Pesticide-Induced Changes in Peripheral Thyroid Hormone Levels During Different Reproductive Phases in *Heteropneustes fossilis*. *Ecotoxicol.Environ.Saf.* 13: 97-103.

EcoReference No.: 12509

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Yadav, A. K. and Singh, T. P. (1987). Pesticide-Induced Impairment of Thyroid Physiology in the Freshwater Catfish, *Heteropneustes fossilis*. *Environ.Pollut.* 43: 29-38.

EcoReference No.: 12397

Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(MLN).

Yadav, P. R., Jaipal, S., and Singh, Z. (1988). Field Evaluation of Some Modern Insecticides Against Jassid in Okra Crop. *Indian J.Entomol.* 50: 5-11.

EcoReference No.: 40438

Chemical of Concern: DDT,HCCH,ES,CRB,MLN, Habitat: T; Code: TARGET(MLN).

Yadav, T. D. (1987). Current Status of Conventional Insecticides in Stored Product Insect Management in India. *Insect Science and Its Application [INSECT SCI. APPL.]*. Vol. 8, no. 4-6, pp. 703-707. 1987.

Chemical of Concern: MLN; Habitat: T

Yadava, R. L., Rao, C. K., Thapar, B. R., and Narasimham, M. V VI (1991). Blood Cholinesterase Monitoring in

Spraymen Involved in Malathion Spraying: a Health Protection Measure. *J commun dis* 23: 55-58.

Chemical of Concern: MLN; Habitat: T

Yalkowsky, S. H. and Pinal, R. (1993). Estimation of the Aqueous Solubility of Complex Organic Compounds. *Chemosphere* 26: 1239-1261.

Chemical of Concern: MLN; Habitat: AT

Yamaguchi, Y., Fukushima, M., Fujita, T., Yamamoto, T., and Yamada, A. (1992). Distribution and Seasonal Variation of Pesticide Residues in Yodo River Basin Japan. *Meeting on hazard assessment and control of environmental contaminants in water held at the 1st iawprc (international association on water pollution research and control), otsu city, shiga, japan, november 25-28, 1991. Water sci technol* 25: 61-68.

Chemical of Concern: MLN; Habitat: AT

Yamamoto, I. (1991). Insecticides Negatively Correlated With Resistance Development Cases of Insecticide Mixtures. *United states bard workshop on new targets for insect management in crop protection, jerusalem, israel, october 5-10, 1991. Phytoparasitica* 19: 353.

Chemical of Concern: MLN; Habitat: T

Yamamoto, M. K., Shen, Y. F., and Fitzsimmons, S. R. (1993). The Extraction of Nitrogen and Phosphorous-Containing Pesticides Using an Automated Graphitized Carbon Black Solid Phase Extraction Technique and Analysis by Gc-Npd. *205th acs (american chemical society) national meeting, denver, colorado, usa, march 28-april 2, 1993. Abstr pap am chem soc* 205: Envr 86.

Chemical of Concern: MLN; Habitat: T

Yamashita, M., Yamashita, M., Tanaka, J., and Ando, Y. (1997). Human Mortality in Organophosphate Poisonings. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]*. Vol. 39, no. 2, pp. 84-85. Apr 1997.

Chemical of Concern: MLN; Habitat: T

Yang, M., Zhang, J., Zhu, K. Y., Xuan, T., Liu, X., Guo, Y., and Ma, E. (2008). Increased Activity and Reduced Sensitivity of Acetylcholinesterase Associated With Malathion Resistance in a Field Population of the Oriental Migratory Locust, *Locusta Migratoria Manilensis* (Meyen). *Pesticide Biochemistry and Physiology*, 91 (1) pp. 32-38, 2008.

Chemical of Concern: MLN; Habitat: T

Yang, M., Zhang, J., Zhu, K. Y., Xuan, T., Liu, X., Guo, Y., and Ma, E. (2008). Increased Activity and Reduced Sensitivity of Acetylcholinesterase Associated with Malathion Resistance in a Field Population of the Oriental Migratory Locust, *Locusta migratoria manilensis* (Meyen). *Pestic.Biochem.Physiol.* 91: 32-38.

Chemical of Concern: MLN; Habitat: T; Code: TARGET (MLN).

Yang, M. L., Wu, H. H., Guo, Y. P., and Ma, E. B. (2004). Characterization and Comparison of General Esterases From Two Field Populations of the Grasshopper *Oxya Chinensis* (Thunberg) (Orthoptera: Acridoidea). *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 47, no. 5, pp. 579-585. 2004.

Chemical of Concern: MLN; Habitat: T

Yang, M. X. and Liu, Y. G. (1991). Toxicological Application of Luminol-Dependent Chemiluminescence Assay in Hepatic Microsomes and Reconstituted Cytochrome P450 Enzyme System. *Zhongguo yaolixue yu dulixue*

zazhi 5: 312-320.

Chemical of Concern: MLN; Habitat: T

YANG, Mei ling, ZHANG, Jian zhen, ZHANG, Jian qin, GUO, Ya ping, and MA, En bo (2008). Characterization of Carboxylesterase Associated with Malathion Insensitivity in the Field Population of the Oriental Migratory Locust. *Agricultural Sciences in China* 7: 591-598.

Chemical of Concern: MLN; Habitat: T

Yang, R. H., Huff, J., Germolec, D. R., Luster, M. I., Simmons, J. E., and Seely, J. C. (1989). Biological Issues in Extrapolation. *Ragsdale, n. N. And r. E. Menzer (ed.). Acs (american chemical society) symposium series, 414. Carcinogenicity and pesticides: principles, issues, and relationships* 196th national meeting of the american chemical society, los angeles, california, usa, september 25-30, 1988. Vii+246p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1703-3.; 0: 142-163.

Chemical of Concern: MLN; Habitat: T

Yang, T. and Zhang, F. (1989). Acute Toxicity of 7 Pesticides on 2 Species of Common Leeches. *Chin.Enviroin.Sci.(Zhongguo Huanjing Kexue)* 9: 51-55 (CHI) (ENG ABS).

EcoReference No.: 3234

Chemical of Concern: CuS,NaPCP,DZ,HCCH,MLN,DDVP,TCF; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(DZ,DDVP,TCF,MLN).

Yang, T. and Zhang, F. (1989). Acute Toxicity of 7 Pesticides on 2 Species of Common Leeches. *China Environ.Sci.(Zhongguo Huanjing Kexue)* 9: 51-55 (CHI) (ENG ABS).

EcoReference No.: 3234

Chemical of Concern: CuS,NaPCP,DZ,HCCH,MLN,DDVP; Habitat: A; Effect Codes: MOR; Code: NO FOREIGN.

Yao, J., Wang, Z., Jiao, S., Zheng, Y., Zhao, J. , Gao, X., and Liang, T. T. (1992). A Complete Set of Procedure for Determination of Multiresidue of Pesticides in Vegetables. *J environ sci (china)* 4: 106-116.

Chemical of Concern: MLN; Habitat: T

Yao Me-Chi and Lo Kang-Chen (1994). Phoxim Resistance in Rhyzopertha Dominica Fabricius in Taiwan. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 14, no. 3, pp. 331-341. 1994.

Chemical of Concern: MLN; Habitat: AT

Yao, Yuan, Tuduri, Ludovic, Harner, Tom, Blanchard, Pierrette, Waite, Don, Poissant, Laurier, Murphy, Clair, Belzer, Wayne, Aulagnier, Fabien, Li, Yi-Fan, and Sverko, Ed (2006). Spatial and Temporal Distribution of Pesticide Air Concentrations in Canadian Agricultural Regions. *Atmospheric Environment* 40: 4339-4351.

Chemical of Concern: MLN; Habitat: AT

Yap, H. H., Chong, N. L., Foo, A. Es, and Lee, C. Y. (1994). Dengue Vector Control Present Status and Future Prospects. *Kaohsiung journal of medical sciences* 10: S102-s108.

Chemical of Concern: MLN; Habitat: AT

Yap, H. H. and Hanapi, S. (1976). Laboratory Insecticide Susceptibility Tests Against *Mansonia* Larvae. *Southeast Asian J.Trop.Med.Public Health* 7: 575-580.

EcoReference No.: 100866

Chemical of Concern: TMP,DDT,FNT,FNTH,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(TMP,MLN).

Yarbrough, J. D., Chambers, J. E., and Robinson, K. M. (1982). Alterations in Liver Structure and Function Resulting From Chronic Insecticide Exposure. In: *J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems*, Raven Press, NY 25, 54-59.

Chemical of Concern: DDT,MLN,Hg,DLD,CHD,PPB; Habitat: T

Yardim, E. N., Ozgen, I., and Kulaz, H. (2001). A Comparison of Recommended and Reduced Insecticide Regimes in Alfalfa. *Med.Fac.Landbouww.Univ.Gent*. 66: 513-518.

EcoReference No.: 92360

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO COC(CTN),OK TARGET(MLN).

Yarzhombek, A. A., Mikulin, A. E., and Zhdanova, A. N. (1991). Toxicity of Substances in Relation to Form of Exposure. *J.Ichthyol / Vopr.Ikhtiol*.31(3):496-501(RUS) 31: 99-106.

EcoReference No.: 7367

Chemical of Concern: CuS,NaBr,Cd,PL,Mo,CoCl,NaCl,NaBr,KCr,IODN,MLN; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(IOND,CuS,NaBr),NO CONTROL(MLN).

Yasoshima, M. and Masuda, Y. (1986). Effect of Carbon Disulfide on the Anticholinesterase Action of Several Organophosphorus Insecticides in Mice. *Toxicol.Lett*. 32: 179-184.

Chemical of Concern: PRN,DZ,DDVP,MP,DMT,CBND,MLN; Habitat: T; Code: NO MIXTURE.

Yasuno, M. and Kerdipibule, V. (1967). Susceptibility of Larvae of *Culex pipiens fatigans* to Organophosphorous Insecticides in Thailand. *Jpn.J.Exp.Med*. 37: 559-562 .

EcoReference No.: 17127

Chemical of Concern: DZ,MLN,DDVP,FNTH; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(MLN),OK(ALL CHEMS).

Yasutomi, K., Urabe, K. I., and Wada, Y. (1986). Insecticide-Resistance of *Anopheles Sinensis* and *Culex Tritaeniorhynchus* in Saitama Prefecture, Japan. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 37, no. 4, pp. 357-362. 1986.

Chemical of Concern: MLN; Habitat: AT

Yasutomi, K., Urabe, K. I., and Wada, Y. (1986). Insecticide-Resistance of *Anopheles sinensis* and *Culix tritaeniorhynchus* in Saitama Prefecture, Japan. *Jpn.J.Sanit.Zool*. 37: 357-362 (JPN) (ENG ABS).

EcoReference No.: 100466

Chemical of Concern: CBL,PPX,PMR,DZ,FNTH,FNT,MLN,TMP; Habitat: AT; Code: NO FOREIGN(PMR,TMP,MLN,DZ,CBL).

Yawetz, A., Manelis, R., and Gasith, A. (1993). Cholinesterase Enzymatic Profiles and the Exposure of Fish to Organophosphorus and Carbamate Pesticides in Israel. *Water Sci.Technol*. 27: 465-472.

EcoReference No.: 13643

Chemical of Concern: CBL,MLN,MOM,PRN; Habitat: A; Effect Codes: MOR,PHY; Code: NO CONTROL(MOM),NO CONC(CBL,MLN,PRN).

Yawetz, A., Zook-Rimon, Z., and Dotan, A. (1993). Cholinesterase Profiles in Two Species of Wild Birds Exposed to Insecticide Sprays in Their Natural Habitat. *Arch insect biochem physiol* 22: 501-509.

Chemical of Concern: MLO; Habitat: T

Yeary, R. A. and Leonard, J. A. (1993). Measurement of Pesticides in Air During Application to Lawns Trees and Shrubs in Urban Environments. *Racke, k. D. And a. R. Leslie (ed.). Acs symposium series, 522. Pesticides in urban environments: fate and significance* 203rd national meeting of the american chemical society, san francisco, california, usa, april 5-10, 1992. Xii+378p. American chemical society: washington, dc, usa. Isbn 0-8412-2627-x.; 0: 275-281.

Chemical of Concern: MLN; Habitat: T

Yee, W. L. and Phillips, P. A. (2004). Differential Mortality of Natural Enemies Exposed to Avocado Leaves Treated with Malathion Bait Spray During a Mediterranean Fruit Fly Eradication Program. *Southwest.Entomol.* 29: 175-184.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yenigun, O. and Sohtorik, D. (1995). Calculations With the Level Ii Fugacity Model for Selected Organophosphorus Insecticides. *Water air and soil pollution* 84: 175-185.

Chemical of Concern: MLN; Habitat: AT

Yeomans, J. C. and Bremner, J. M. (1985). Denitrification in Soil: Effects of Insecticides and Fungicides. *Soil Biol.Biochem.* 17: 453-456.

Chemical of Concern: BMY,Captan,TZL,Maneb,MZB,CBF,TBO,PRT,MLN,FNF,FNT,HCCH,THM; Habitat: T; Code: NO SPECIES(ALL CHEMS).

Yeomans, J. C. and Bremner, J. M. (1985). Denitrification in Soil: Effects of Insecticides and Fungicides. *Soil Biology and Biochemistry* 17: 453-456.

Chemical of Concern: MLN; Habitat: AT

Yess, N. J. (1988). Fda Pesticide Program Residues in Foods 1987. *J assoc off anal chem* 71: 156a-174a.

Chemical of Concern: MLN; Habitat: T

Yess, N. J., Gunderson, E. L., and Roy, R. R. (1993). U.s. Food and Drug Administration Monitoring of Pesticide Residues in Infant Foods and Adult Foods Eaten by Infants/Children. *J aoac int* 76: 492-507.

Chemical of Concern: MLN; Habitat: T

Yildirim, I. and Oezcan, H. (2007). Determination of Pesticide Residues in Water and Soil Resources of Troia (Troy). *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]. Vol. 16, no. 1, pp. 63-70. 2007.*

Chemical of Concern: MLN; Habitat: A

Yokoyama, T., Saka, H., Fujita, S., and Nishiuchi, Y. (1988). Sensitivity of Japanese Eel, *Anguilla japonica*, to 68 Kinds of Agricultural Chemicals. *Bull.Agric.Chem.Insp.Stn.* 28: 26-33 (JPN) (ENG ABS).

EcoReference No.: 8570

Chemical of Concern:

ACP,Captan,CBL,CTN,DDVP,DMT,DS,DZ,FO,HXZ,MDT,MLN,MOM,PPG,PSM,TET,CYP,FVL,PMR,TFR,Cu,CuS,PCP,IZP,MCPPI,CMPH,PFF,FTL,CPY,ES,TCF,FNT,DCF; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(PMR,PPG,PSM,DS,CPYM,CPY,HXZ,CMPH,PFF,DZ,FTL,ACP,DDVP,ES,TCF,FNT,MLN,DCF).

Yokoyama, T., Saka, H., Fujita, S., and Nishiuchi, Y. (1988). Sensitivity of Japanese Eel, *Anguilla japonica*, to 68 Kinds of Agricultural Chemicals. *Bull.Agric.Chem.Insp.Stn.* 28: 26-33 (JPN) (ENG ABS).

EcoReference No.: 8570

Chemical of Concern:

ACP,Captan,CBL,CTN,DMT,DS,DZ,FO,HXZ,MDT,MLN,MOM,PPG,PSM,TET,CYP,FVL,PMR,TFR,Cu,CuS,PCP,IZP,MCPPI; Habitat: A; Effect Codes: MOR; Code: NO
CONTROL(MLN,TFR,CTN,Captan),OK(ALL CHEMS).

Yonezawa, M. and Satoh, T. (1990). The Significant Decrease of the Liver Microsomal Carboxylesterase Isozymes Rh1 After Diethylnitrosamine Treatment in Rats. *Seventeenth annual meeting of the japanese society of toxicological sciences, nagoya, japan, june 13-14, 1990. J toxicol sci* 15: 207.

Chemical of Concern: MLN; Habitat: T

Yoon, K. S., Gao, J.-R., Lee, S. H., Coles, G. C., Meinking, T. L., Taplin, D., Edman, J. D., Takano-Lee, M., and Clark, J. M. (2004). Resistance and Cross-Resistance to Insecticides in Human Head Lice from Florida and California. *Pestic.Biochem.Physiol.* 80: 192-201.

EcoReference No.: 92451

Chemical of Concern: TBF,DDT,MLO,PMR,MLN,PPB,HCCH,ABM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(TBF),TARGET(MLO,PMR,MLN,PPB).

Yoshioka, Y., Mizuno, T., Ose, Y., and Sato, T. (1986). The Estimation for Toxicity of Chemicals on Fish by Physico-Chemical Properties. *Chemosphere* 15: 195-204.

Chemical of Concern: MLN; Habitat: A

Younglove, T. and McCool, P. M. (1994). Droplet Size Characterization of Three Aerial Malathion Spray Programs. *Bulletin of environmental contamination and toxicology* 53: 493-500.

Chemical of Concern: MLN; Habitat: AT

Younos, T. M. and Weigmann, D. L. (1988). Pesticides a Continuing Dilemma. *J water pollut control fed* 60: 1199-1205.

Chemical of Concern: MLN; Habitat: AT

Youssef, A. I., Nasr, F. N., Stefanos, S. S., Elkhair, S. S. A., Shehata, W. A., Agamy, E., Herz, A., and Hassan, S. A. (2004). The Side-Effects of Plant Protection Products Used in Olive Cultivation on the Hymenopterous Egg Parasitoid *Trichogramma cacoeciae* Marchal. *J.Appl.Entomol.* 128: 593-599.

EcoReference No.: 78057

Chemical of Concern: ALSV,PIRM,MLN,DMT,DM; Habitat: T; Effect Codes: POP,MOR; Code: NO
ENDPOINT(ALL CHEMS,TARGET-ALSV,MLN).

Yu, Q., Friesen, L. J. S., Zhang, X. Q., and Powles, S. B. (2004). Tolerance to Acetolactate Synthase and Acetyl-Coenzyme A Carboxylase Inhibiting Herbicides in *Vulpia bromoides* is Conferred by Two Co-Existing

Resistance Mechanisms. *Pestic.Biochem.Physiol.* 78: 21-30.

EcoReference No.: 89550

Chemical of Concern: HFP,CSF,MLN,SMU,DFPM,FTS,IZP,IZT,SXD,TKY,DFP,FZF ; Habitat: T; Effect Codes: GRO,MOR; Code: OK(CSF,DFPM),OK TARGET(SMU),NO ENDPOINT(MLN),NO IN VITRO(HFP,FTS,IZP,IZT,SXD,TKY,DFP).

Yu, S. J. (1986). Host Plant Induction of Microsomal Monooxygenases in Relation to Organophosphate Activation in Fall Armyworm Larvae. In: *4th Symp.on the Fall Armyworm held at the Entomol.Soc.of Am.Natl.Conf., 1985, Hollywood, FL, Fla.Entomol.* 69: 579-587.

EcoReference No.: 88898

Chemical of Concern: OXD,MLN,IFP,DEM,DS,FNTH,PRT,DZ,PRN; Habitat: T; Effect Codes: BCM,MOR; Code: OK(ALL CHEMS),OK TARGET(MLN,OXD,DZ).

Yu, S. J. (1996). Insect Glutathione S-Transferases. *Zoological studies* 35: 9-19.

Chemical of Concern: MLN; Habitat: T

Yu, S. J. (1991). Insecticide Resistance in the Fall Armyworm, *Spodoptera frugiperda* (J. E. Smith). *Pestic.Biochem.Physiol.* 39: 84-91.

EcoReference No.: 73599

Chemical of Concern: MOM,PMR,CYP,CYT,BFT,TMT,FVL,DZ,CPY,MP,CBL,TDC,DDVP,SPS,TLM,MLN,FNV; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN,FVL,CYP,DZ,TDC,BFT,CBL,MOM), OK(ALL CHEMS),TARGET(MP).

Yukimoto, M. (1982). Studies on Mechanism of Phytotoxicity by Pesticides. *J.Pestic.Sci.* 7: 227-235 (JPN) (ENG ABS).

EcoReference No.: 25733

Chemical of Concern: DDVP,CPYM,PHSL,MLN,DZ,MDT,DMT,FNTH,FNT,CPY; Habitat: T; Code: NO FOREIGN.

Yukimoto, M. and Ishitani, A. (1981). Phytotoxicities of Organophosphorus Insecticides to Crops: (Part 6) Nitrogen Contents in Soybean Leaves Applied with Organophosphorus Insecticides. *Bull.Agric.Chem.Insp.Stn.* 21: 50-53 (JPN) (ENG ABS).

EcoReference No.: 25731

Chemical of Concern: DMT,DZ,FNT,MLN,FNTH,DDVP,PHSL,CPY,TCF,ACP,MDT; Habitat: T; Code: NO FOREIGN(ALL CHEMS).

Yuknavage, K. L., Fenske, R. A., Kalman, D. A., Keifer, M. C., and Furlong, C. E. (1997). Simulated Dermal Contamination With Capillary Samples and Field Cholinesterase Biomonitoring. *Journal of toxicology and environmental health* 51: 35-55.

Chemical of Concern: MLN; Habitat: T

Yurk, J. J., Barron, M. G., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Mechanism of Species Sensitivity to Organophosphorothioate Insecticides. *13. Annu. Meet. Society of Environmental Toxicology and Chemistry (SETAC 92), Cincinnati (USA), 8-12 Nov 1992; Abstracts.*

Chemical of Concern: MLN; Habitat: AT

Zabotkina, E. A. and Mikryakov, V. R. (1996). The Effect of Carbophos on the Immunocompetent Cells and the

Spleen Structure in the Carp *Cyprinus Carpio*. *Tsitologiya* 38: 551-554 (RUS) (ENG ABS).

Chemical of Concern: MLN; Habitat: A

Zadrozinska, J. (Determination of Malathion and Malaoxon in Fruits and Vegetables. *Rocz. Panstw. Zakl. Hig.*; 23(1): 23-28; 1972 ; (ref:17).

Chemical of Concern: MLO; Habitat: T

Zahm, S. H., Weisenburger, D. D., Saal, R. C., Vaught, J. B., Babbitt, P. A., and Blair, A. (1993). The Role of Agricultural Pesticide Use in the Development of Non-Hodgkin's Lymphoma in Women. *Archives of environmental health* 48: 353-358.

Chemical of Concern: MLN; Habitat: T

Zahm, S. Hoar (1997). Mortality Study of Pesticide Applicators and Other Employees of a Lawn Care Service Company. *Journal of occupational and environmental medicine* 39: 1055-1073.

Chemical of Concern: MLN; Habitat: T

Zakaria, A. H. and Shoukfeh, A. A. (1980). Control of Poultry Ascariasis. II. Studies of the Effect of Some Available Chemicals on *Ascaridia galli* Eggs. *J.Egypt.Vet.Med.Assoc.* 40: 37-46.

EcoReference No.: 101095

Chemical of Concern: CMPH,PL,NH,MLN; Habitat: T; Effect Codes: MOR,REP; Code: NO CONC(CMPH,MLN).

Zakaria, M., Mahyudin, A., and Kirton, L. G. (1992). Pests and Diseases of Rattans. *Mohd, w. R. W., J. Dransfield and n. Manokaran (ed.). Malayan forest record, no. 35. A guide to the cultivation of rattan. Xxiii+293p. Forest research institute (malaysia): kepong, malaysia. Isbn 983-9595-10-5. 0: 127-141.*

Chemical of Concern: MLN; Habitat: T

Zakia, M. A., Fawzia, A. E., Zakia, A. A. E. K, and Iman, A. E. S. (1990). Alterations in Nucleic Acids, Protein Content and Mitotic Division of *Vicia faba* Root Tip Cells as Affected by Malathion and Tamaron Insecticides. *Cytologia* 55: 349-355 .

EcoReference No.: 44280

Chemical of Concern: MLN,MTM; Habitat: T; Effect Codes: BCM,CEL,MOR; Code: NO ENDPOINT(MLN,MTM).

Zatsepin, E. P., Churaev, N. N., Uspenskaja, T. A., Tirzit, G. D., and Dubur, G. Y. (1990). Influence of Antioxidants Upon the Membrano-Toxicity of Cholinesterase Inhibitors. *Byulleten Eksperimental'noi Biologii I Meditsiny [BYULL. EKSP. BIOL. MED.]*. Vol. 110, no. 12, pp. 623-624. 1990.

Chemical of Concern: MLN; Habitat: AT

Zayed, A. B. B., Szumlas, D. E., Hanafi, H. A., Fryauff, D. J., Mostafa, A. A., Allam, K. M., and Brogdon, W. G. (2006). Use of Bioassay and Microplate Assay to Detect and Measure Insecticide Resistance in Field Populations of *Culex pipiens* from Filariasis Endemic Areas of Egypt. *J.Am.Mosq.Control Assoc.* 22: 473-482.

EcoReference No.: 100867

Chemical of Concern: LCYT,PMR,CYF,DM,PPX,MLN,FNT,BDL,DDT,TMP; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(PMR,CYF,MLN,TMP,FNT).

Zboray, E. P. and Gutierrez, M. C. (1979). Insecticide Susceptibility of Mosquitoes in California: Status of Organophosphorus Resistance in Larval *Culex tarsalis* Through 1978, with Notes on Mitigating the Problem. In: *Proc.Pap.Annu.Conf.Calif.Mosq.Vector Control Assoc.* 47: 26-28.

EcoReference No.: 101419

Chemical of Concern: CPY,MLN,PRN,FNTH; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(CPY,MLN,PRN,FNTH).

Zeid, M. M. A., El-Barouty, G., Abdel-Reheim, E., Blancato, J., Dary, C., El-Sebae, A. H., and Saleh, M. A. (1993). Malathion Disposition in Dermally and Orally Treated Rats and Its Impact on the Blood Serum Acetylcholine Esterase and Protein Profile. *J.Environ.Sci.Health Part B* 28: 413-430.

EcoReference No.: 89102

Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,BCM; Code: NO ENDPOINT(MLN).

Zeiger, E. (Carcinogenicity of Mutagens: Predictive Capability of the Salmonella Mutagenesis Assay for Rodent Carcinogenicity. *Cancer res* 47:1287-1296,1987: *CANCER RES.*

Chemical of Concern: MLO; Habitat: T

Zeiger, E., Anderson, B., Haworth, S., Lawlor, T., and Mortelmans, K. (Salmonella Mutagenicity Tests. 4.results From the Testing of 300 Chemicals. *Environ mol mutagen* 11(suppl 12):1-158,1988: *ENVIRON MOL MUTAGEN.*

Chemical of Concern: MLO; Habitat: AT

Zeljetic, Davor and Garaj-Vrhovac, Vera (2002). Sister Chromatid Exchange and Proliferative Rate Index in the Longitudinal Risk Assessment of Occupational Exposure to Pesticides. *Chemosphere* 46: 295-303.

Chemical of Concern: MLN; Habitat: T

Zerba, E. N. (1999). Susceptibility and Resistance to Insecticides of Chagas Disease Vectors. *Medicina (B.Aires)* 59: 41-46.

Chemical of Concern: DDT,DLD,MLN, Habitat: T; Code: REVIEW(ALL CHEMS).

Zettler, J. L., McDonald, L. L., Redlinger, L. M., and Jones, R. D. (1973). *Plodia interpunctella* and *Cadra cautella* Resistance in Strains to Malathion and Synergized Pyrethrins. *J.Econ.Entomol.* 66: 1049-1050.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zhamsaranova, S. D., Banayeva, S. A., and Baglayev, T. N. (1990). Effects of Pesticides on Formation of Specific T Suppressors. *Gigiena i Sanitariya [GIG. SANIT.]. no. 9, pp. 72-75. 1990.*

Chemical of Concern: MLN; Habitat: AT

Zhang, A. and Liu, W. (Inclusion Effect of Alpha-Cyclodextrin on Chemical Degradation of Malathion Water. *Arch environ contam toxicol.* 2008, apr; 54(3):355-62. [*Archives of environmental contamination and toxicology*]: *Arch Environ Contam Toxicol.*

Chemical of Concern: MLN; Habitat: AT

Zhang, A. P., Luo, F., Chen, S. W., and Liu, W. P. (Effects of Cyclodextrins on Hydrolysis of Malathion. *J environ sci (china).* 2006; 18(3):572-6. [*Journal of environmental sciences (china)*]: *J Environ Sci (China).*

Chemical of Concern: MLN; Habitat: AT

Zhang Jian-Liang, Qiao Chuan-Ling, and Lan Wen-Sheng (2005). Purification and Some Characteristics of Recombinant Insecticide-Resistant Mosquito Carboxylesterase B1 Expressed in Escherichia Coli. *Enzyme and Microbial Technology [Enzyme Microb. Technol.]*. Vol. 36, no. 5-6, pp. 648-653. Apr 2005.

Chemical of Concern: MLN; Habitat: T

Zhang, Z., Dai, M., Hong, H., Zhou, J. L., and Yu, G. (2002). Dissolved Insecticides and Polychlorinated Biphenyls in the Pearl River Estuary and South China Sea. *Journal of Environmental Monitoring [J. Environ. Monit.]*. Vol. 4, no. 6, pp. 922-928. Dec 2002.

Chemical of Concern: MLN; Habitat: AT

Zhou, Jun L., Fileman, Tim W., Evans, Sheila, Donkin, Peter, Mantoura, R. Fauzi C., and Rowland, Steve J. (1996). Seasonal Distribution of Dissolved Pesticides and Polynuclear Aromatic Hydrocarbons in the Humber Estuary and Humber Coastal Zone. *Marine Pollution Bulletin* 32: 599-608.

Chemical of Concern: MLN; Habitat: AT

Zhu Xiaoshan, Meng Fanping, He Donghai, and Yang ZHengxian (2004). A Study on the Feasibility of Monitoring Organophosphorus Pesticides in Seawater Using Ache in Marine Fish: Lateolabrax Japonicus (Cuvier). *Transactions of oceanology and limnology/Haiyang Huzhao Tongbao [Trans. Oceanol. Limnol./Haiyang Huzhao Tongbao]*. no. 1, pp. 68-73. 2004.

Chemical of Concern: MLN; Habitat: AT

Zhu, Y. C., Snodgrass, G. L., and Chen, M. S. (2004). Enhanced Esterase Gene Expression and Activity in a Malathion-Resistant Strain of the Tarnished Plant Bug, *Lygus lineolaris*. *Insect Biochem.Mol.Biol.* 34: 1175-1186.

EcoReference No.: 80063

Chemical of Concern: ACP,DCTP,MLN,PMR; Habitat: T; Effect Codes: MOR,GEN; Code: TARGET(MLN,ACP).

Ziegler, R., Whyard, S., Downe, A. E. R., Wyatt, G. R., and Walker, V. K. (1987). General Esterase, Malathion Carboxylesterase, and Malathion Resistance in *Culex tarsalis*. *Pestic.Biochem.Physiol.* 28: 279-285.

EcoReference No.: 4622

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,ACC,BCM; Code: NO CONTROL,ENDPOINT(MLN).

Zimmerman, L. R., Strahan, A. P., and Thurman, E. M. (Method of Analysis and Quality-Assurance Practices by the U.S. Geological Survey Organic Geochemistry Research Group-Determination of Four Selected Mosquito Insecticides and a Synergist in Water Using Liquid-Liquid Extraction and Gas Chromatography/Mass Spectrometry. *Govt reports announcements & index (gra&i)*, issue 15, 2004.

Chemical of Concern: MLN; Habitat: A

Zine, E. A., Salghi, R., Bazzi, L., Hormatallah, A., Addi, E. H. A., Oubahou, A. A., and Chaabene, H. (2006). Persistence of Pesticides Applied Pre-Harvest on Citrus Fruits. *Fresenius Environmental Bulletin*, 15 (4) pp. 255-258, 2006.

Chemical of Concern: MLN; Habitat: T

Zohair, A. (2001). Behaviour of Some Organophosphorus and Organochlorine Pesticides in Potatoes During Soaking in Different Solutions. *Food and Chemical Toxicology* 39: 751-755.

Chemical of Concern: MLN; Habitat: T

Zongmao, C. and Haibin, W. (1988). Factors Affecting Residues of Pesticides in Tea. *Pestic sci* 23: 109-118.

Chemical of Concern: MLN; Habitat: T

Zongmao, C. and Xuefen, C. (1990). Chemical Control of Pests and Diseases in Tea Production in China: Progress and Strategy. *Trop agric* 67: 363-367.

Chemical of Concern: MLN; Habitat: T

Zoun, P. Ef and Spierenburg, T. J. (1989). Determination of Cholinesterase-Inhibiting Pesticides and Some of Their Metabolites in Cases of Animal Poisoning Using Thin-Layer Chromatography. *J chromatogr* 462: 448-453.

Chemical of Concern: MLN; Habitat: T

Zuin, V. G., Yariwake, J. H., and Bicchi, C. (2003). Fast Supercritical Fluid Extraction and High-Resolution Gas Chromatography With Electron-Capture and Flame Photometric Detection for Multiresidue Screening of Organochlorine and Organophosphorus Pesticides in Brazil's Medicinal Plants. *Journal of Chromatography A*, 985 (1-2) pp. 159-166, 2003.

Chemical of Concern: MLN; Habitat: T

Zulin, Zhang, Huasheng, Hong, Xinhong, Wang, Jianqing, Lin, Weiqi, Chen, and Li, Xu (2002). Determination and Load of Organophosphorus and Organochlorine Pesticides at Water From Jiulong River Estuary, China. *Marine Pollution Bulletin* 45: 397-402.

Chemical of Concern: MLN; Habitat: AT

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Abd-Elghafar, S. F., Appel, A. G., and Mack, T. P. (1991). Effects of Several Insecticide Formulations on Oothecal Drop and Hatchability in German Cockroaches (Dictyoptera: Blattellidae). *J.Econ.Entomol.* 84: 502-509.

EcoReference No.: 113379

Chemical of Concern: PPX,CPY,MLN,PTP,CYF,FNV,CYP,PYN,BDC,HMN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(PPX,CPY,MLN,PTP,CYF,CYP,FNV).

Agnihotri, N. P., Awasthi, M. D., and Jain, H. K. (1980). Residue Evaluation of Different Plant and Grain Protection Schedules. *Pesticides* 14: 3-11.

EcoReference No.: 107314

Chemical of Concern:

HCCH,PRN,PPHD,PHSL,DDT,HPT,PYN,DS,PRT,CBF,CPY,FNT,MLN,ES,CBL,DMT,ADC,TVMP,DC TP,TCF,OXD,DDVP; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(DS,PRT,CBF,CPY,FNT,MLN,ES,CBL,DMT,ADC,TVMP,DCTP,TCF,OXD,DDVP).

Ahdaya, S. and Guthrie, F. E. (1982). Stomach Absorption of Intubated Insecticides in Fasted Mice. *Toxicology* 22: 311-317.

EcoReference No.: 110948

Chemical of Concern: PMR,CPY,CBF,MLN,CBL; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(PMR,CPY,CBF,MLN,CBL).

Ahdaya, S. M., Monroe, R. J., and Guthrie, F. E. (1981). Absorption and Distribution of Intubated Insecticides in Fasted Mice. *Pestic.Biochem.Physiol.* 16: 38-46.

EcoReference No.: 111365

Chemical of Concern: DZ,HCCH,DLD,DDT,EPRN,MLN,CBL,PPX,CBF,CPY; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO ENDPOINT(CPY,CBF,PPX,CBL,MLN,DZ).

Bai, A. R. K. and Reddy, C. C. (1977). Inhibition of Acetylcholinesterase as a Criterion to Determine the Degree of Insecticide Poisoning in *Apis cerana indica*. *J.Apic.Res.* 16: 112-114.

EcoReference No.: 104639

Chemical of Concern: CBF,CBL,MLN,DMT,DEM,FNT,PPHD,MP,DDVP; Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL(CBF,CBL,MLN,DMT,FNT,MP,DDVP).

Barcelo, D., Sole, M., Durand, G., and Albaiges, J. (1991). Analysis and Behaviour of Organophosphorus Pesticides in a Rice Crop Field. *Fresenius J.Anal.Chem.* 339: 676-683.

EcoReference No.: 107373

Chemical of Concern: FNT,TVP,CPY,MLN,PSM,TCF,MP,MTM; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(TVP,CPY,MLN,PSM,TCF,MP,FNT,MTM).

Bariola, L. A. and Bergman, D. (1982). Toxicity of Selected Insecticides to Boll Weevils in Arizona. *Southwest.Entomol.* 7: 142-145.

EcoReference No.: 110928

Chemical of Concern: MP,MLN,AZ,PMR,FNV; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MP,PMR,MLN,FNV,AZ).

Benes, V. and Cerna, V. (1970). Contribution to the Toxicological Evaluation of Fenitrothion (0,0-Dimethyl-0-/3-Methyl-4-Nitrophenyl/Thiophosphate) and Its Residues. In: *W.B.Deichmann, J.L.Radomski, and R.A.Penalver (Eds.), Pesticides Symposia, Inter-Am.Conf.on Toxicol.and Occup.Med., Univ.of Miami Schl.of Med., Miami, FL* 219-222.

EcoReference No.: 73110

Chemical of Concern: FNT,MLN,TCF; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(FNT),NO DURATION(MLN,TCF).

Bisen, J. S. and Hajra, N. G. (2000). Persistence and Degradation of Some Insecticides in Darjeeling Tea. *J.Plant.Crops* 28: 123-131.

EcoReference No.: 65236

Chemical of Concern: DCF,DMT,FNV,MLN; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO ENDPOINT(DCF,DMT,FNV,MLN).

Bisset, J., Rodriguez, M., Soca, A., Pasteur, N., and Raymond, M. (1997). Cross-Resistance to Pyrethroid and Organophosphorus Insecticides in the Southern House Mosquito (Diptera: Culicidae) from Cuba. *J.Med.Entomol.* 34: 244-246.

EcoReference No.: 106066

Chemical of Concern: PIRM,LCYT,CYP,DM,MLN,CPY,PPX; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(PIRM,CYP,DM,MLN,CPY,PPX).

Bourguet, D., Capela, R., and Raymond, M. (1996). An Insensitive Acetylcholinesterase in *Culex pipiens* (Diptera: Culicidae) from Portugal. *J.Econ.Entomol.* 89: 1060-1066.

EcoReference No.: 112658

Chemical of Concern: TMP,CPY,MLN,PPX; Habitat: AT; Effect Codes: MOR,BCM; Code: NO CONTROL(TMP,CPY,MLN,PPX).

Boyd, E. M., Krijnen, C. J., and Tanikella, T. K. (1970). The Influence of a Wide Range of Dietary Protein Concentration on the Acute Oral Toxicity of Malathion. *Arch.Toxikol.* 26: 125-132.

EcoReference No.: 110243

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN).

Boyd, E. M. and Muis, L. F. (1970). Acute Oral Toxicity of Dimethoate in Albino Rats Fed a Protein-Deficient Diet. *J.Pharm.Sci.* 59: 1098-1102.

EcoReference No.: 110802

Chemical of Concern: Captan,PRN,CBL,TXP,ES,DEM,CPP,DDT,MLN,HCCH,EN,DZ,CHD,DMT; Habitat: T; Effect Codes: GRO,MOR; Code: OK(DMT),NO REVIEW(DZ,MLN,CBL,ES,Captan).

Bride, J. M., Cuany, A., Amichot, M., Brun, A., Babault, M., Mouel, T. L., De Sousa, G., Rahmani, R., and Berge, J. B. (1997). Cytochrome P-450 Field Insecticide Tolerance and Development of Laboratory Resistance in Grape Vine Populations of *Drosophila melanogaster* (Diptera: Drosophilidae). *J.Econ.Entomol.* 90: 1514-1520.

EcoReference No.: 114909

Chemical of Concern:

MOM,DZ,CPY,MLN,MDT,FPN,FNV,CYP,TLM,DM,DCF,FNT,FNTH,EPRN,DDT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DCF,DM,TLM,CYP,FNV,FPN,MDT,MLN,CPY,DZ,MOM,FNT).

Bull, D. L., Pryor, N. W., and King, E. G. Jr. (1987). Pharmacodynamics of Different Insecticides in *Microplitis croceipes* (Hymenoptera: Braconidae), a Parasite of Lepidopteran Larvae. *J.Econ.Entomol.* 80: 739-749.

EcoReference No.: 109957

Chemical of Concern: PMR,FNV,MLN,AND,DDT; Habitat: T; Effect Codes: MOR,PHY,ACC; Code: NO CONTROL(FNV,PMR,MLN).

Byford, R. L., Sparks, T. C., Green, B., Knox, J., and Wyatt, W. (1988). Organophosphorus Insecticides for the Control of Pyrethroid-Resistant Horn Flies (Diptera: Muscidae). *J.Econ.Entomol.* 81: 1562-1566.

EcoReference No.: 114522

Chemical of Concern: TVP,ETN,PIRM,TCF,MLN,DMT,PMR,FNV,CPY,CMPH,DZ; Habitat: T; Effect Codes: MOR,POP; Code: NO CONTROL(CPY,PMR,FNV,DZ,DMT,MLN,PIRM,TCF),NO ENDPOINT(TVP).

Carter, W. G., Tarhoni, M., Rathbone, A. J., and Ray, D. E. (2007). Differential Protein Adduction by Seven Organophosphorus Pesticides in Both Brain and Thymus. *Hum.Exp.Toxicol.* 26: 347-353.

EcoReference No.: 104950

Chemical of Concern: DZ,CPY,MLO,PIRM,AZM; Habitat: T; Effect Codes: BCM; Code: NO IN VITRO(MLO,CPY,DZ),NO ENDPOINT(PIRM).

Cecil, H. C., Bitman, J., and Harris, S. J. (1973). Effects of Different Classes of Pesticides on Pentobarbital Anesthesia and Toxicity in Japanese Quail. *J.Agric.Food Chem.* 21: 114-117.

EcoReference No.: 100776

Chemical of Concern: DDT,MLN,MXC,TMP,CBL; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(TMP),NO ENDPOINT(MLN,CBL).

Childers, C. C. and Enns, W. R. (1975). Field Evaluation of Early Season Fungicide Substitutions on Tetranychid Mites and the Predators Neoseiulus fallacis and Agistemus fleschneri in Two Missouri Apple Orchards. *J.Econ.Entomol.* 68: 719-724 .

EcoReference No.: 113437

Chemical of Concern: STRP,MLN,Captan,Zineb,AZ,BMY,PSM,DOD,SFR; Habitat: T; Effect Codes: POP; Code: OK(BMY),MIXTURE(STRP,MLN,Captan,Zineb,AZ,PSM).

Chung, T. C., Sun, C. N., and Hung, C. Y. (1982). Resistance of Nilaparvata lugens to Six Insecticides in Taiwan. *J.Econ.Entomol.* 75: 199-200.

EcoReference No.: 113770

Chemical of Concern: MLN,MP,PPX,PMR,FNV; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,MP,PPX,PMR,FNV).

Cochran, D. G. (1989). Monitoring for Insecticide Resistance in Field-Collected Strains of the German Cockroach (Dictyoptera: Blattellidae). *J.Econ.Entomol.* 82: 336-341.

EcoReference No.: 113738

Chemical of Concern: FNV,ATN,PPX,BDC,MLN,ACP,CPY,DZ; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(FNV,ATN,PPX,MLN,ACP,CPY,DZ).

Cochran, D. G. (1995). Standard Insecticide-Susceptible Strain for the German Cockroach (Dictyoptera: Blattellidae). *J.Econ.Entomol.* 88: 1542-1544.

EcoReference No.: 112350

Chemical of Concern: CYF,PMR,ATN,PPX,MLN,ACP,CPY,DZ,FNV,PTR,PYN,BDC; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(CYF,PMR,ATN,PPX,MLN,ACP,CPY,DZ,FNV,EFV).

Cohen, E., Gerson, U., and Mozes-Koch, R. (1993). Epoxide Hydrolase in the Bulb Mite Rhizoglyphus robini: Properties and Induction. *Exp.Appl.Acarol.* 17: 381-392.

EcoReference No.: 118059

Chemical of Concern: MLN,HCCH,MEN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(MLN,MEN).

Cope, O. B. (1964). Sport Fishery Investigations. In: *Pesticide-Wildlife Studies, 1963: A Review of Fish and Wildlife Service Investigations During the Calendar Year, Circ.No.199, Fish and Wildl.Serv., Washington, DC* 29-43.

EcoReference No.: 117727

Chemical of Concern: DDVP,EN,DDT,TXP,MLN,PPGL,HPT,RTN,AND,DLD; Habitat: A; Effect Codes: GRO,MOR,BCM; Code: NO CONTROL(MLN),OK(RTN,DDVP).

Coppage, D. L. (1970). Enzyme Systems of Estuarine Organisms. *U.S.Fish Wildl.Serv., Circ.335, Washington, D.C.* : 31-33.

EcoReference No.: 15128

Chemical of Concern: DZ,AZ,MLN,PRN,PRT; Habitat: A; Effect Codes: BCM,MOR; Code: NO CONTROL,NO ENDPOINT(DZ,AZ,MLN,PRT).

Drummond, R. O. (1988). Susceptibility of the Gulf Coast Tick (Acari: Ixodidae) to Acaricides. *J.Econ.Entomol.* 81: 1140-1142.

EcoReference No.: 114521

Chemical of Concern: AsTO,TVP,PMR,MLN,PSM,DZ,CPY,CBL,AMZ,CMPH,HCCH,TXP; Habitat: T; Effect Codes: REP; Code: NO CONTROL(TVP,PMR,MLN,PSM,DZ,CPY,CBL,AMZ).

Drummond, R. O., Ernst, S. E., Trevino, J. L., Gladney, W. J., and Graham, O. H. (1972). Boophilus annulatus and B. microplus. Sprays and Dips of Insecticides for Control on Cattle. *J.Econ.Entomol.* 65: 1354-1357.

EcoReference No.: 114991

Chemical of Concern: MLN,TCF,DZ,CBF,CPY,TXP,PSM,MXC,HCCH,FNTH; Habitat: T; Effect Codes: POP,MOR; Code: NO CONTROL(CPY),NO CONTROL,NO ENDPOINT(CBF,DZ,TCF,PSM,MLN).

Eisa, A. A. and Ammar, I. M. A. (1992). Persistence of Insect Growth Regulators Against the Rice Weevil, Sitophilus oryzae, in Grain Commodities. *Phytoparasitica* 20: 7-13.

EcoReference No.: 107986

Chemical of Concern: FYC,HFR,MLN; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT(FYC,HFR,MLN).

Emmett, B. J. and Archer, B. M. (1980). The Toxicity of Diflubenzuron to Honey Bee (Apis mellifera L.) Colonies in Apple Orchards. *Plant Pathol.* 29: 177-183.

EcoReference No.: 35146

Chemical of Concern: DFZ,MLN; Habitat: T; Effect Codes: POP,MOR; Code: NO ENDPOINT(DFZ,MLN).

Escuder-Gilabert, L., Martin-Biosca, Y., Sagrado, S., Villanueva-Camanas, R. M., and Medina-Hernandez, M. J. (2001). Biopartitioning Micellar Chromatography to Predict Ecotoxicity. *Anal.Chim.Acta* 448: 173-185.

EcoReference No.: 114535

Chemical of Concern: DCNA,CPY,CBD,CBL,BPH,BMY,PCP,ANT,DMB,24DP,24D,DPPI,PIM,MDT,MLX,MLN,HTX,HFR,TPR,PPG,TBA,PL,ILL,FMU,FNTH,BPZ,BNZ,4NP,2CP,24DC,DZ,DU,DMT,DCF; Habitat: A; Effect Codes: MOR,ACC; Code: NO CONTROL(PPG,TPR,HFR,HTX,MLN,MLX,MDT,PIM,DPPI,24D,24DP,DMB,ANT,PCP,BMY,BPH,CBL,CBD,CPY,DZ,DCNA).

Fenoll, J., Hellin, P., Lopez, J., Gonzalez, A., and Flores, P. (2007). Simplified Multiresidue Method for Determination of Pesticide Residues in Lettuce by Gas Chromatography with Nitrogen-Phosphorus Detection. *Anal.Bioanal.Chem.* 389: 643-651.

EcoReference No.: 110128

Chemical of Concern: DMT,PZM,PIM,VCZ,MLX,FNT,MLN,CPY,PDM,IPD,CYF,CYP,AZX,DM; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(DMT,PZM,PIM,VCZ,MLX,FNT,MLN,CPY,PDM,IPD,CYF,CYP,AZX,DM).

Fenoll, J., Hellin, P., Martinez, C. M., Miguel, M., and Flores, P. (2007). Multiresidue Method for Analysis of Pesticides in Pepper and Tomato by Gas Chromatography with Nitrogen-Phosphorus Detection. *Food Chem.* 105: 711-719.

EcoReference No.: 111847

Chemical of Concern: TEZ,CYPM,DM,FVL,CYP,CYF,OXF,PDM,DF,MLN,PIM,DZ,PZM,AZX; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT(DM,FVL,CYP,CYF,OXF,PDM,DF,MLN,PIM,DZ,PZM,AZX).

Franco, J. L., Posser, T., Mattos, J. J., Trevisan, R., Brocardo, P. S., Rodrigues, A. L. S., Leal, R. B., Farina, M., Marques, M. R. F., Bainy, A. C. D., and Dafre, A. L. (2009). Zinc Reverses Malathion-Induced Impairment in Antioxidant Defenses. *Toxicol.Lett.* 187: 137-143.

EcoReference No.: 118240

Chemical of Concern: MLN,ZnCl₂; Habitat: T; Effect Codes: BCM; Code: OK(ZnCl₂),NO EXP TYPE(MLN).

Gentile, A. G., Vaughan, A. W., and Pfeiffer, D. G. (1978). Cucumber Pollen Germination and Tube Elongation Inhibited or Reduced by Pesticides and Adjuvants. *Environ.Entomol.* 7: 689-691.

EcoReference No.: 49479

Chemical of Concern: CBL,DZ,DCF,ES,MLN,MXC,BMY,MZB,Captan; Habitat: T; Effect Codes: REP,GRO,PHY; Code: NO ENDPOINT(CBL,DZ,DCF,ES,MLN,BMY,MZB,Captan).

Georgiou, G. P., Metcalf, R. L., and Gidden, F. E. (1966). Carbamate-Resistance in Mosquitos. Selection of *Culex pipiens fatigans* Wiedemann (=C. quinquefasciatus Say) for Resistance to Baygon. *Bull.W.H.O.* 35: 691-708.

EcoReference No.: 115010

Chemical of Concern: FNTH,FNT,PPX,DLD,MLN,DDT,CPY; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(CPY,PPX,MLN,FNT).

Georgiou, G. P., Wirth, M., Tran, H., Saume, F., and Knudsen, A. B. (1987). Potential for Organophosphate Resistance in *Aedes aegypti* (Diptera: Culicidae) in the Caribbean Area and Neighboring Countries. *J.Med.Entomol.* 24: 290-294.

EcoReference No.: 110939

Chemical of Concern: PPX,TMP,MLN; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(PPX,TMP,MLN).

Getenga, Z. M., Jondiko, J. I. O., Wandiga, S. O., and Beck, E. (2000). The Dissipation of Malathion and Dimethoate from the Pea Plants (*Pisum sativum*) Under Controlled Conditions. *Toxicol.Environ.Chem.* 77: 219-228.

EcoReference No.: 118364

Chemical of Concern: MLN,DMT; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(MLN,DMT).

Hama, H. (1987). Development of Pyrethroid Resistance in the Diamondback Moth, *Plutella xylostella* LINNE (Lepidoptera: Yponomeutidae). *Appl.Entomol.Zool.* 22: 166-175.

EcoReference No.: 112647

Chemical of Concern: FNV,PMR,RSM,CYP,CHT,SMT,FPP,TMT,FVL,MLN,PFF,MOM,CBL,PPB,DDT,PYN; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE(PPB),NO CONTROL(CHT,FNV,PMR,CYP,SMT,FPP,TMT,FVL,MLN,PFF,MOM,CBL).

Haunerland, N. H. and Bowers, W. S. (1986). Binding of Insecticides to Lipophorin and Arylphorin, Two Hemolymph Proteins of *Heliothis zea*. *Arch.Insect Biochem.Physiol.* 3: 87-96.

EcoReference No.: 109943

Chemical of Concern: CBL,MLN,TFN,DLD,PMR,DDT; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT,NO CONTROL(CBL,MLN,TFN,PMR).

Hemingway, J., Jayawardena, K. G. I., Weerasinghe, I., and Herath, P. R. J. (1987). The Use of Biochemical Tests

to Identify Multiple Insecticide Resistance Mechanisms in Field-Selected Populations of *Anopheles subpictus* Grassi (Diptera: Culicidae). *Bull.Entomol.Res.* 77: 57-66.

EcoReference No.: 110920

Chemical of Concern: TBF,PPB,FNT,MLN,BDC,PPX; Habitat: AT; Effect Codes: BCM,MOR; Code: NO ENDPOINT,NO CONTROL(PPB,TBF,PPX,MLN,FNT).

Hii, J. L. K. (1984). Insecticide Susceptibility Studies of Three Cryptic Species of the *Anopheles balabacensis* Complex. *Southeast Asian J.Trop.Med.Public Health* 15: 104-111.

EcoReference No.: 110921

Chemical of Concern: DDT,DLD,MLN,FNT,PPX; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DLD,DDT,PPX,FNT,MLN).

Hsieh, D. P. H. (1973). Inhibition of Aflatoxin Biosynthesis of *Dichlorvos*. *J.Agric.Food Chem.* 21: 468-470.

EcoReference No.: 104857

Chemical of Concern: ATZ,MVP,DZ,AZ,MLN,DDVP,PRN,ETN; Habitat: T; Effect Codes: BCM,GRO; Code: NO ENDPOINT(DDVP,MLN,AZ,DZ,MVP,ATZ).

Ignoffo, C. M., Hostetter, D. L., Garcia, C., and Pinnell, R. E. (1975). Sensitivity of the Entomopathogenic Fungus *Nomuraea rileyi* to Chemical Pesticides Used on Soybeans. *Environ.Entomol.* 4: 765-768.

EcoReference No.: 108373

Chemical of Concern: 24DB,LNR,CHD,ETN,HPT,TXP,MP,MLN,CPY,Maneb,MZB,CTN,BMY; Habitat: T; Effect Codes: GRO,MOR; Code: NO ENDPOINT(24DB,LNR,CHD,ETN,HPT,TXP,MP,MLN,CPY,Maneb,MZB,CTN,BMY).

Jansen, K. L., Cole, T. B., Park, S. S., Furlong, C. E., and Costa, L. G. (2009). Paraoxonase 1 (PON1) Modulates the Toxicity of Mixed Organophosphorus Compounds. *Toxicol.Appl.Pharmacol.* 236: 142-153.

EcoReference No.: 116109

Chemical of Concern: MLO,DZ,CPYO; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(CPYO,DZ,MLO).

Jebali, J., Banni, M., Guerbej, H., Almeida, E. A., Bannaoui, A., and Boussetta, H. (2006). Effects of Malathion and Cadmium on Acetylcholinesterase Activity and Metallothionein Levels in the Fish *Seriola dumerilli*. *Fish Physiol.Biochem.* 32: 93-98.

EcoReference No.: 118135

Chemical of Concern: MLN,CdCl; Habitat: A; Effect Codes: GRO,BCM; Code: NO EXP TYPE(MLN).

Kamm, J. A. and Montgomery, M. L. (1990). Reduction of Insecticide Activity by Carbon Residue Produced by Burning Grass Seed Fields After Harvest. *J.Econ.Entomol.* 83: 55-58.

EcoReference No.: 114323

Chemical of Concern: EP,MDT,CBL,MLN,PPX,BDC,FNF,CPY,DZ,DMT,ACP,CBF,DDVP; Habitat: T; Effect Codes: MOR; Code: TARGET(CPY),NO CONTROL(DZ,FNF,FNV,DMT,ACP),NO EFFECT(CBF,DDVP,PPX,MLN,CBL,MDT,EP).

Karim, A. and Mughal, M. S. (2007). Effect of Sub Lethal Doses of Malathion on the Liver, Kidney and Spleen of *Cyprinus carpio*: A Histological Perspective. *Biologia (Lahore)* 53: 1-7.

EcoReference No.: 118390

Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Code: NO ENDPOINT(MLN).

Kashyap, N. P. and Walia, P. C. (1986). Insecticide Residues on Okra. *Proc.Sym.Pest.Resid.& Env.Pollut.* 45-49.

EcoReference No.: 104944

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(MLN,FNT).

Kaur, I., Mathur, R. P., and Tandon, S. N. (1998). Degradation of Some Organophosphorous Pesticides Under Different Field Conditions. *Environ.Technol.* 19: 97-102.

EcoReference No.: 64719

Chemical of Concern: MLN,MP; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO ENDPOINT(MLN,MP).

Keiser, I., Schneider, E. L., and Tomikawa, I. (1971). Species Specificity Among Oriental Fruit Flies, Melon Flies, and Mediterranean Fruit Flies in Susceptibility to Insecticides at Several Loci. *J.Econ.Entomol.* 64: 606-610.

EcoReference No.: 108638

Chemical of Concern: MLN,MXC,DDT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN),NO COC(H3PO4).

Khan, M. Z. (2005). Effects of Agro Pesticides Cypermethrin and Malathion on Cholinesterase Activity in Liver and Kidney of Calotes versicolor Daudin (Agamidae: Reptilia). *Turk.J.Zool.* 29: 77-81.

EcoReference No.: 93851

Chemical of Concern: MLN,CYP; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT(CYP,MLN).

Kimbrough, R. D. and Gains, T. B. (1968). Effect of Organic Phosphorus Compounds and Alkylating Agents on the Rat Fetus. *Arch.Environ.Health* 16: 805-808.

EcoReference No.: 110722

Chemical of Concern: MLN,DZ,DDVP,PRN; Habitat: T; Effect Codes: PHY,MOR,GRO,REP; Code: NO EXP TYPE(MLN).

Kingsbury, P. D. (1975). Effects of Aerial Forest Spraying on Aquatic Fauna. In: *M.L.Prebble (Ed.), Aerial Control of Forest Insects in Canada, Dep.of the Environ., Ottawa, Canada* 280-292.

EcoReference No.: 112462

Chemical of Concern: PPX,TCF,MLN,DDT,PPHD,FNT; Habitat: A; Effect Codes: MOR,BEH,PHY,ACC; Code: OK(FNT),NO ENDPOINT(TCF,MLN,PPX).

Koc, N. D., Kayhan, F. E., Sesal, C., and Muslu, M. N. (2009). Dose-Dependent Effects of Endosulfan and Malathion on Adult Wistar Albino Rat Ovaries. *Pak.J.Biol.Sci.* 12: 498-503.

EcoReference No.: 118210

Chemical of Concern: ES,MLN; Habitat: T; Effect Codes: CEL; Code: NO EXP TYPE(ES,MLN).

Laetz, C. A., Baldwin, D. H., Collier, T. K., Hebert, V., Stark, J. D., and Scholz, N. L. (2009). The Synergistic Toxicity of Pesticide Mixtures: Implications for Risk Assessment and the Conservation of Endangered Pacific Salmon. *Environ.Health Perspect.* 117: 348-353.

EcoReference No.: 114293

Chemical of Concern: MOL,CBF,CBL,CPY,MLN,DZ; Habitat: A; Effect Codes: MOR,BCM; Code: NO ENDPOINT(CBF,CBL,CPY,MLN,DZ).

LeJeune, R. R. (1975). Douglas-Fir Tussock Moth. *Orgyia pseudotsugata* (McDunnough). In: *M.L.Prebble (Ed.),*

Aerial Control of Forest Insects in Canada, Dep.of the Environ., Ottawa, Canada 206-207.

EcoReference No.: 106269

Chemical of Concern: DDT,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT,NO CONTROL(MLN).

Lewallen, L. L. and Wilder, W. H. (1963). Laboratory Tests of Insecticides on Mosquito Larvae in Polluted and Tap Water. *J.Econ.Entomol.* 56: 834-835.

EcoReference No.: 8018

Chemical of Concern: DDT,MLN,FNTH,PRN; Habitat: A; Effect Codes: MOR; Code: NO ENDPOINT(MLN).

Liu, M. Y., Tzeng, Y. J., and Sun, C. N. (1982). Insecticide Resistance in the Diamondback Moth. *J.Econ.Entomol.* 75: 153-155.

EcoReference No.: 113742

Chemical of Concern: DM,DDT,FNV,CYP,PMR,MOM,DZ,PPX,CBL,DDVP,MP,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DM,FNV,CYP,PMR, MOM,DZ,PPX,CBL,MP,DDVP,MLN).

Majumdar, T. N. and Gupta, A. (2009). Acute Toxicity of Endosulfan and Malathion on *Chironomus ramosus* (Insecta: Diptera: Chironomidae) from North Cachar Hills, Assam, India. *J.Environ.Biol.* 30: 469-470.

EcoReference No.: 118621

Chemical of Concern: MLN,ES; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(ES,MLN).

McClanahan, R. J. (1981). Effectiveness of Insecticides Against the Mexican Bean Beetle. *J.Econ.Entomol.* 74: 163-164.

EcoReference No.: 113754

Chemical of Concern:

AZ,DM,PHSL,PRN,MLN,ACP,RTN,DMT,PFF,ES,DZ,PSM,CBL,MOM,PMR,CBF,FNV,CYP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(AZ,DM,MLN,ACP,RTN,DMT,PFF,ES,DZ,PSM,CBL,MOM,PMR,CBF,FNV,CYP).

Merrell, R. and Wagstaff, K. (1977). Status of Organophosphorus Mosquito Larvicide Resistance in Utah: 1977. *Proc.Utah Mosq.Abatement Assoc.* 30: 10-12.

EcoReference No.: 107099

Chemical of Concern: MLN,FNTH,PRN; Habitat: AT; Effect Codes: MOR; Code: NO CONTROL(MLN).

Metcalf, R. L., Ferguson, J. E., Lampman, R., and Andersen, J. F. (1987). Dry Cucurbitacin-Containing Baits for Controlling Diabroticite Beetles (Coleoptera: Chrysomelidae). *J.Econ.Entomol.* 80: 870-875.

EcoReference No.: 112997

Chemical of Concern: CYP,PMR,MLN,DMT,OML,CBL,CBF,MOM,FYT,PHSL,IFP,BDC; Habitat: T; Effect Codes: POP; Code: NO CONTROL,NO ENDPOINT(CBF,CBL,OML,DMT,MLN,PMR,CYP),NO ENDPOINT(MOM).

Meyer, F. P. (1983). Quarterly Report of Progress, October-December, 1982. In: *U.S.Dep.of the Interior, Fish and Wildl.Serv.*: 15-26.

EcoReference No.: 114069

Chemical of Concern: Cd,Zn,NaCN,NaN₃,TFM,KPM,RTN,MLN,ATM,CBL,Cl,Cu,DFZ,FNT; Habitat:

A; Effect Codes: MOR; Code: NO CONTROL(Zn,NaCN,NaN₃,RTN,MLN,ATM,CBL,DFZ,FNT,Cu).

Miles, J. R. W., Sans, W. W., Wressell, H. B., and Manson, G. F. (1964). Growth-Dilution as a Factor in the Decline of Pesticide Residues on Alfalfa-Grass Forage. *Can.J.Plant Sci.* 44: 37-41.

EcoReference No.: 58080

Chemical of Concern: ES,AZ,MLN,MXC,CBL,TXP; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(ES,AZ,MLN,CBL).

Milevoj, L. and Stukelj, A. (1996). The Effects of Some Pesticides on the Parasitoid *Diaeretiella rapae* (M'Intosh). *Med.Fac.Landbouww.Univ.Gent* 61: 949-954.

EcoReference No.: 52249

Chemical of Concern: FSTAL,MLN,PIM,FYC; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(MLN,FSTAL,FYC),OK(PIM).

Miyata, T. and Saito, T. (1981). Synergistic Action of IBP (Kitazin P) and Malathion in Mice. *J.Pestic.Sci.* 6: 351-353.

EcoReference No.: 94526

Chemical of Concern: MLO,PPX,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,PPX),NO IN VITRO(MLO).

Mizell III, R. F. and Schiffhauer, D. E. (1990). Effects of Pesticides on Pecan Aphid Predators *Chrysoperla rufilabris* (Neuroptera: Chrysopidae), *Hippodamia convergens*, *Cycloneda sanguinea* (L.), *Olla v-nigrum* (Coleoptera: Coccinellidae), and *Aphelinus perpallidus* (Hymenoptera: Encyrtidae). *J.Econ.Entomol.* 83: 1806-1812.

EcoReference No.: 93318

Chemical of Concern:

FVL,ETN,DEM,DDVP,CBL,MOM,AZ,MLN,DMT,CPY,DZ,PRN,BMY,FNV,CYP,PHSL,ES,HCCH,DC F; Habitat : T; Effect Codes: MOR,GRO; Code: NO ENDPOINT(MLN),LITE EVAL CODED(FNV,CBL,CPY,MOM),OK(FVL,DDVP,AZ,DMT,DZ,BMY,CYP,ES,DCF).

Page, M., Ryan, R. B., Rappaport, N., and Schmidt, F. (1982). Comparative Toxicity of Acephate, Diflubenzuron, and Malathion to Larvae of the Larch Casebearer, *Coleophora laricella* (Lepidoptera: Coleophoridae) and Adults of Its Parasites, *Chrysocharis laricinelae* and *Diadocerus nearcticus*. *Environ.Entomol.* 11: 730-732 .

EcoReference No.: 109860

Chemical of Concern: DFZ,MLN,ACP; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(DFZ,MLN),OK(ACP).

Palanichamy, S., Arunachalam, S., and Baskaran, P. (1989). Effect of Pesticides on Protein Metabolism in the Freshwater Catfish *Mystus vittatus*. *J.Ecobiol.* 1: 90-97.

EcoReference No.: 117898

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BCM; Code: NO ENDPOINT(ES,MLN,CBL).

Pawar, S. S. and Makhija, S. J. (1975). Effect of Insecticide Intoxication on the Hepatic Microsomal Electron Transport Reactions, During Dietary Protein Variations in Young Rats. *Bull.Environ.Contam.Toxicol.* 14: 197-204.

EcoReference No.: 110892

Chemical of Concern: MLN,PPX; Habitat: T; Effect Codes: GRO,BCM; Code: LITE EVAL

CODED(PPX),NO EXP TYPE(MLN).

Pielou, D. P. and Downing, R. S. (1958). Trithion as an Orchard Insecticide. *Proc.Entomol.Soc.BC* 55: 17-23.

EcoReference No.: 57909

Chemical of Concern: MLN,DDT; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Ping, J. H. (2001). Identification of New Drug Compounds Active Against *Pediculus humanus Capitis*, and Incorporation of the Compounds into a Safe and Potentially Effective Drug Product Formulation. *Ph.D.Thesis, University of Georgia, Athens, GA*: 219 p. (UMI# 0802844).

EcoReference No.: 118072

Chemical of Concern: CITRON,PPB,CBL,HCCH,MLN,GER; Habitat: T; Effect Codes: MOR,REP,PHY; Code: OK(CITRON),NO REVIEW(PPB,CBL,HCCH,MLN,GER).

Plapp, F. W. Jr. (1976). Chlordimeform as a Synergist for Insecticides Against the Tobacco Budworm. *J.Econ.Entomol.* 69: 91-92.

EcoReference No.: 114517

Chemical of Concern:

DFZ,PYN,FNT,TMT,CPYM,TXP,MOM,CBL,CPY,DZ,MLN,DMT,PSM,TCF,ACP,MP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DFZ,TMT,CPYM,TXP,MOM,CBL,CPY,DZ,MLN,DMT,PSM,TCF,ACP,MP).

Plapp, F. W. Jr. and Casida, J. E. (1969). Genetic Control of House Fly NADPH-Dependent Oxidases: Relation to Insecticide Chemical Metabolism and Resistance. *J.Econ.Entomol.* 62: 1174-1179.

EcoReference No.: 113767

Chemical of Concern: PPX,PSM,ATN,FNT,MLN,DZ,DDT,AND; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(PPX,PSM,DZ,FNT,ATN,MLN).

Prebble, M. L. (1975). Fall Cankerworm. *Alsophila pometaria* Harris. In: *M.L.Prebble (Ed.), Aerial Control of Forest Insects in Canada, Dep.of the Environ., Ottawa, Canada* 196-199.

EcoReference No.: 106268

Chemical of Concern: DDT,CBL,MLN,TCF,MXC; Habitat: T; Effect Codes: POP; Code: NO EFFECT(CBL,MLN),NO ENDPOINT,NO CONTROL(TCF).

Pree, D. J., Archibald, D. E., and Cole, K. J. (1990). Insecticide Resistance in Spotted Tentiform Leafminer (Lepidoptera: Gracillariidae): Mechanisms and Management. *J.Econ.Entomol.* 83: 678-685.

EcoReference No.: 113749

Chemical of Concern: AZ,TBF,PPB,TVP,MVP,MTM,MP,ACP,CBL,DZ,MLN,PSM,PMR,MOM,DMT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(AZ),NO CONTROL(TVP,MVP,MTM,MP,ACP,CBL,DZ,MLN,PSM,PMR,MOM,DMT),NO MIXTURE(PPB,TBF).

Qadri, S. S. H. (1968). *Megaselia scalaris* (Lw.) (Dipt., Phoridae) for the Bioassay of Organophosphorus Insecticides. *Bull.Entomol.Res.* 59: 389-392.

EcoReference No.: 110616

Chemical of Concern: DDVP,PRN,MLN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(DDVP,PRN,MLN).

Rangnekar, D. V., Hiregoudar, L. S., and Avasthi, B. L. (1971). Effectiveness of Malathion Insecticide Against Some Species of Cattle and Buffalo Ticks Commonly Found in India. *Indian Vet.J.* 48: 466-471.

EcoReference No.: 110190

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT(MLN).

Rawlins, S. C. (1998). Spatial Distribution of Insecticide Resistance in Caribbean Populations of *Aedes aegypti* and Its Significance. *Rev.Panam Salud Publica* 4: 243-251.

EcoReference No.: 100899

Chemical of Concern: TMP,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED(TMP),NO ENDPOINT(MLN).

Roberts, R. H., Stark, P. M., and Meisch, M. V. (1984). Aerosol Evaluation of Selected Adulticides Against Colonized and Field Strains of Mosquitoes. *Mosq.News* 44: 528-533.

EcoReference No.: 112415

Chemical of Concern: HCCH,DDT,MLN,CHT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MLN,CHT).

Robertson, J. L., Lyon, R. L., Shon, F. L., and Gillette, N. L. (1972). Contact Toxicity of Twenty Insecticides Applied to *Symmerista canicosta*. *J.Econ.Entomol.* 65: 1560-1562.

EcoReference No.: 114519

Chemical of Concern: PYT,FNTH,MTM,FNT,TVP,TCF,PPX,MOM,MLN,PSM,CBL,CPY,DDT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(CPY,CBL,PSM,MLN,MOM,PPX,TCF,TVP,FNT,MTM).

Robles-Mendoza, C., Garcia-Basilio, C., Cram-Heydrich, S., Hernandez-Quiroz, M., and Vanegas-Perez, C. (2009). Organophosphorus Pesticides Effect on Early Stages of the Axolotl *Ambystoma mexicanum* (Amphibia: Caudata). *Chemosphere* 74: 703-710 .

EcoReference No.: 116837

Chemical of Concern: CPY,MLN; Habitat: AT; Effect Codes: MOR,GRO; Code: NO ENDPOINT(MLN),OK(CPY).

Sadeghi, D. and Guiti, N. (1970). Pralidoxime Iodide (PAM) and Toxogonin as Antidotes in Acute Malathion Intoxication in the Dog. *Isr.J.Med.Sci.* 6: 154-156.

EcoReference No.: 110251

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT,NO CONTROL(MLN).

Serban, M., Nita, S., and Olinescu, R. (1979). Studies on the SH=SS Equilibrium in Biological Media. XIII. The Metabolism of Some Organophosphorous Compounds Chronically Administered to Rats. *Rev.Roum.Biochim.* 16: 147-152.

EcoReference No.: 106799

Chemical of Concern: PRN,MLN,TCF; Habitat: T; Effect Codes: BCM; Code: NO EXP TYPE(PRN,MLN,TCF).

Seume, F. W. and O'Brien, R. D. (1960). Potentiation of the Toxicity to Insects and Mice of Phosphorothionates Containing Carboxyester and Carboxamide Groups. *Toxicol.Appl.Pharmacol.* 2: 495, 503 (doi: DOI: 10.1016/0041-008X(60)90016-8).

EcoReference No.: 117765

Chemical of Concern: TCF,MP,MLN,DMT,DZ; Habitat: T; Effect Codes: MOR; Code: NO EXP TYPE(TCF,MP,DZ,MLN,DMT).

Sharma, I. D. and Nath, A. (2005). Persistence of Different Pesticides in Apple. *Acta Hort.* 696: 437-440.

EcoReference No.: 107785

Chemical of Concern: MYC,PRN,MLN,FZQ,ES,CPY,MP,HCCH,DDVP,CBD,MZB,DOD,BTN,MP;

Habitat: T; Effect Codes: ACC; Code: NO

ENDPOINT(MLN,FZQ,ES,MP,DDVP,CBD,MZB,DOD,MYC,CPY).

Shirke, M. S. and Salunkhe, G. N. (1996). Relative Residual Toxicity of Some Insecticides to *Cryptolaemus montrouzieri* Muls. a Predator of Mealy Bugs. *J.Maharashtra Agric.Univ.* 21: 370-371.

EcoReference No.: 111369

Chemical of Concern: FNV,MLN,DM,ES,DDVP,CPY; Habitat: T; Effect Codes: MOR; Code: NO

CONTROL(CPY,DDVP,ES,DM,MLN).

Siltanen, H. and Rosenberg, C. (1975). Investigations on Pesticide Residues, 1974. *Publs.of the State Inst.of Agric.Chem., 10, Helsinki, Finland, State Inst.of Agric.Chem.*: 59 p.

EcoReference No.: 112141

Chemical of Concern:

CQTC,TBZ,TRB,PCH,PHMD,MTZ,LNR,CPP,FRT,TPM,Maneb,DINO,BMY,NCTN,Naled,MXC,MAL,FTT,FNT,ES,DMT,GYP,CBD,FTF,OXC,MLN,DQT,DFQ; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO

ENDPOINT(CQTC,TBZ,TRB,PCH,PHMD,MTZ,LNR,CPP,FRT,TPM,Maneb,DINO,BMY,NCTN,Naled,MXC,MAL,FTT,FNT,ES,DMT,GYP,CBD,FTF,OXC,MLN,DQT,DFQ).

Siltanen, H. and Rosenberg, C. (1978). Residue Analyses of the Official Testing of Pesticides, 1977. *Report No.15, Publs.of the State Inst.of Agric.Chem., Helsinki, Finland, State Inst.of Agric.Chem.*: 69 p.

EcoReference No.: 112139

Chemical of Concern:

EPH,PHMD,MBZ,MCPPI,MCPA,DMB,TFR,TDF,TYF,TPE,TBA,MEM,IPD,ILL,DINO,BMY,ANZ,OML,MXC,FNT,BRSM,AZ,PDM,GYP,24D,VCZ,CBD,CAP,TCF,PMR,MLN,DCF,CBF,DQT,DFQ; Habitat: T; Effect Codes: ACC; Code: NO CONTROL,NO

ENDPOINT(DFQ,DQT,CBF,DCF,MLN,PMR,TCF,CAP,CBD,VCZ,24D,GYP,PDM,EPH,PHMD,MCPPI,DMB,TFR,TDF,IPD,BMY,OML,FNT,BRSM,AZ).

Singh, H. and Singh, T. P. (1982). Effect of Some Pesticides on Hypothalamo-Hypophyseal-Ovarian Axis in the Freshwater Catfish *Heteropneustes fossilis* (Bloch). *Environ.Pollut.Ser.A Ecol.Biol.* 27(4):283-288 / In: C.J.J.Richter and H.J.T.Goos (Eds.), *Reproductive Physiology of Fish, Fish Endocrinol.Lab., Banaras Hindu Univ., Varanasi, India* 60-61 (ABS).

EcoReference No.: 11068

Chemical of Concern: AND,MLN,EN; Habitat: A; Effect Codes: ACC; Code: NO DURATION(MLN).

Slama, K. and Miller, T. A. (1987). Insecticide Poisoning: Disruption of a Possible Autonomic Function in Pupae of *Tenebrio molitor*. *Pestic.Biochem.Physiol.* 29: 25-34.

EcoReference No.: 112441

Chemical of Concern:

HCCH,DDT,PPX,PIM,ACP,CBF,PIRM,DS,SMT,FNV,CYP,BRSM,ATN,OMT,DDVP,MVP,MLN,MTM,MOM,DM,PMR,PYN; Habitat: T; Effect Codes: MOR,GRO,PHY; Code: NO

CONTROL(DM,MTM,MOM,PMR,PPX,PIM,ACP,CBF,PIRM,DS,SMT,FNV,CYP,BRSM,ATN,DMT,DDVP,MVP,MLN),NO COC(CHT).

Smith, F. F. and Corley, C. (1972). Mexican Bean Beetle, Yields and Residues of Malathion Sprays on Snap Beans. *J.Econ.Entomol.* 65: 288-289.

EcoReference No.: 94528

Chemical of Concern: MLO,MLN; Habitat: T; Effect Codes: ACC,POP,PHY; Code: NO
ENDPOINT(MLN,MLO).

Su, M. Q. (1969). Inhibition of Aliesterases by Cholinergic Organophosphorus Compounds and Studies on the Toxicology of a New Phosphoroamide. *Ph.D.Thesis, University of Chicago,Chicago,IL* 90 p.

EcoReference No.: 108378

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: NO EXP TYPE(MLN).

Sun, Y. P. (1971). Speed of Action of Insecticides and Its Correlation with Accumulation in Fat and Excretion in Milk. *J.Econ.Entomol.* 64: 624-630.

EcoReference No.: 114907

Chemical of Concern:

DMT,TCF,CMPH,MLN,PSM,PRT,MPO,TVP,DZ,MVP,Naled,DDVP,ADC,CBL,ES,MP,AND,CHD,HPT,
TXP,DDT,EN,HCCH,MXC,PRN,FNTH,DS,ETN,PPHD,DEM,PCTP; Habitat: T; Effect Codes: MOR;
Code: NO
CONTROL(MP,DS,ES,CBL,ADC,DDVP,Naled,MVP,DZ,TVP,MPO,PRT,PSM,MLN,CMPH,TCF,DMT,
DCTP).

Tan, W. J., Liang, G. M., and Guo, Y. Y. (1998). Mechanism of Resistance Alleviation in *Helicoverpa armigera* (Lepidoptera: Noctuidae) to Pyrethroid Caused by *Bacillus thuringiensis* Pretreatment. *J.Econ.Entomol.* 91: 1253-1259.

EcoReference No.: 114919

Chemical of Concern: TBF,MPO,MLO,FNV; Habitat: T; Effect Codes: MOR,BCM; Code:
TARGET(FNV),IN VITRO(MLO,MPO,TBF).

Tanigoshi, L. K. and Fargerlund, J. (1984). Implications of Parathion Resistance and Toxicity of Citricultural Pesticides to a Strain of *Euseius hibisci* (Chant) (Acarina:Phytoseiidae) from the San Joaquin Valley of California. *J.Econ.Entomol.* 77: 789-793.

EcoReference No.: 114906

Chemical of Concern: FBOX,MDT,MLN,PPG,DCF,CBL,ACP,OTQ,MOM,DMT,CPY,CHX; Habitat: T;
Effect Codes: MOR; Code: NO CONTROL(MOM,ACP,DMT,DCF,CPY,PPG,MLN,MDT,CBL,FBOX).

Tarar, J. L. and Salpekar, C. R. (1980). Relative Tolerance of Soil Algae to Some Selected Insecticides. *Sci.Cult.* 46: 105-107.

EcoReference No.: 104820

Chemical of Concern: ES,MLN,DDT; Habitat: T; Effect Codes: POP; Code: NO
ENDPOINT(ES,MLN).

Thakur, A. K. and Hameed, S. F. (1980). Harvest Residues of Some Organophosphorous Insecticides on Apple. *Indian J.Agric.Sci.* 50: 778-780.

EcoReference No.: 107332

Chemical of Concern: MLN,MP,DZ,PHSL,FNT; Habitat: T; Effect Codes: ACC; Code: NO
ENDPOINT,NO CONTROL(MLN,MP,DZ,PHSL,FNT).

Tikar, S. N., Mendki, M. J., Chandel, K., Parashar, B. D., and Prakash, S. (2008). Susceptibility of Immature Stages of *Aedes (Stegomyia) aegypti*; Vector of Dengue and Chikungunya to Insecticides from India. *Parasitol.Res.* 102: 907-913.

EcoReference No.: 118211

Chemical of Concern: TMP,FNTH,MLN,DDT; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(TMP,MLN).

Tonkopp, V., Zagrebin, A., and Iofina, I. (2008). Bioidentification of Xenobiotics as a Basis of Water Management. *Nato Sci.Peace Security Ser.C* 349-353.

EcoReference No.: 118097

Chemical of Concern:

HgCl₂,PbN,Cu,Co,Cd,Cr,As,Al,TCF,DDVP,MLN,MLO,AND,DLD,EN,DDT,CYP,FNV,DM,PMR,ATN, RSM,SMT,CHT; Habitat: A; Effect Codes: MOR; Code: NO CONTROL(DDVP,CYP,PMR),NO CONC(TCF,MLN,MLO,FNV,RSM,CHT,Cr,As,Cu).

Uehara, S., Hiromori, T., Isobe, N., Suzuki, T., Kato, T., and Miyamoto, J. (1993). Studies on the Therapeutic Effect of 2-Pyridine Aldoxime Methiodide (2-PAM) in Mammals Following Organophosphorus Compound-Poisoning (Report III): Distribution and Antidotal Effect of 2-PAM in Rats. *J.Toxicol.Sci.* 18: 265-275.

EcoReference No.: 106885

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: MOR,ACC,PHY; Code: NO EXP TYPE(FNT,MLN).

Vatandoost, H., Oshaghi, M. A., Abaie, M. R., Shahi, M., Yaaghoobi, F., Baghaii, M., Hanafi-Bojd, A. A., Zamani, G., and Townson, H. (2006). Bionomics of Anopheles stephensi Liston in the Malarious Area of Hormozgan Province, Southern Iran, 2002. *Acta Trop.* 97: 196-203.

EcoReference No.: 111743

Chemical of Concern: BDC,DLD,DDT,DM,CYF,PMR,PPX,FNT,MLN,TMP,CPY; Habitat: AT; Effect Codes: MOR,POP; Code: NO ENDPOINT(DM,PMR,PPX,FNT,CYF,MLN,TMP,CPY).

Venturino, A., Bergoc, R. M., and Pechen, A. M. (1998). Kinetic Models of Lipophilic Compound Uptake and Bioelimination in Amphibians During the Aquatic Stages. *J.Biol.Syst.* 6: 85-94.

EcoReference No.: 67478

Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Code: NO ENDPOINT,NO CONTROL(MLN).

Wallace, D. R., Cameron, J. M., and Sullivan, C. R. (1975). European Pine Sawfly. Neodiprion sertifer (Geoff.). In: *M.L.Prebble (Ed.), Aerial Control of Forest Insects in Canada, Dep.of the Environ., Ottawa, Canada* 224-230.

EcoReference No.: 106181

Chemical of Concern: DDT,MLN,PPHD; Habitat: T; Effect Codes: POP; Code: NO CONC(MLN).

Whitney, W. K. (1967). Laboratory Tests with Dursban and Other Insecticides in Soil. *J.Econ.Entomol.* 60: 68-74.

EcoReference No.: 69734

Chemical of Concern:

CBL,EN,DLD,AND,DDT,ABT,PPX,PCTP,DEM,DS,PRT,DMT,MLN,ETN,MP,PRN,FNTH,DZ,AZ; Habitat: T; Effect Codes: POP,MOR; Code: NO ENDPOINT(CPY,PRT,PPX,BT,CBL,MLN).

Womeldorf, D. J., Atkins, E. L., and Gillies, P. A. (1974). Honey Bee Hazards Associated with Some Mosquito Abatement Aerial Spray Applications. *Calif.Vector Views* 21: 51-55.

EcoReference No.: 64152

Chemical of Concern: TMP,FNTH,PRN,MLN,MP,DDVP,Naled,CPY,PPX; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT(PPX,CPY,Naled,DDVP,MP,MLN).

Wood, E. A. Jr. (1971). Insecticidal Control of the Greenbug. *J.Econ.Entomol.* 64: 704-707.

EcoReference No.: 114908

Chemical of Concern:

MVP,ADC,PRT,Naled,MP,MLN,CPY,DMT,DCTP,DDVP,DZ,AZ,CBF,PPHD,DS,DEM,FRN,FNF;

Habitat: T; Effect Codes: POP,MOR; Code: NO

ENDPOINT(MVP,ADC,PRT,MP,Naled,MLN,CPY,DMT,DCTP,DDVP,DZ,AZ,CBF).

Yang, M. C., McLean, A. J., and Le Couteur, D. G. (2002). Age-Related Alteration in Hepatic Disposition of the Neurotoxin 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine and Pesticides. *Pharmacol.Toxicol.* 90: 203-207.

EcoReference No.: 104912

Chemical of Concern: PQT,MLN,DDT; Habitat: T; Effect Codes: ACC,BCM; Code: NO

CONTROL(PQT,MLN).

Yang, M. C., McLean, A. J., Rivory, L. P., and Le Couteur, D. G. (2000). Hepatic Disposition of Neurotoxins and Pesticides. *Pharmacol.Toxicol.* 87: 286-291.

EcoReference No.: 105472

Chemical of Concern: PAQT,DDT,MLN; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT,NO

CONTROL(PAQT,MLN).

Yap, H. H., Khoo, T. C., Tan, H. T., Chung, K. K., Yahaya, A. M., and Narayanan, V. S. (1988). Comparative Adulticidal and Larvicidal Effects of Thermal Fogging Formulations of Resigen and Malathion Against *Aedes aegypti* (Linnaeus) and *Culex quinquefasciatus* (Say) in Urban Areas, Malaysia. *Trop.Biomed.* 5: 125-130.

EcoReference No.: 99669

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Code: NO CONC(MLN),NO

COC(PMR).

Yasuor, H., Osuna, M. D., Ortiz, A., Saldain, N. E., Eckert, J. W., and Fischer, A. J. (2009). Mechanism of Resistance to Penoxsulam in Late Watergrass [*Echinochloa phyllopogon* (Stapf) Koss.]. *J.Agric.Food Chem.* 57: 3653-3660.

EcoReference No.: 118294

Chemical of Concern: MLN,PXS,TBC; Habitat: A; Effect Codes: GRO,BCM,ACC; Code: NO

CONTROL,NO ENDPOINT(MLN,TBC),OK(PXS).

York, A. C. and Gyrisco, G. G. (1978). Dosage-Mortality Response and Field Control of Adult Alfalfa Snout Beetle. *J.Econ.Entomol.* 71: 783-784.

EcoReference No.: 113376

Chemical of Concern: MDT,DZ,CBF,CBL,AZ,MLN,PSM,MXC,FNF; Habitat: T; Effect Codes:

MOR,POP; Code: NO MIXTURE(MLN),NO CONTROL(MDT,DZ,CBF,CBL,AZ,PSM).

Yu, S. J. and Nguyen, S. N. (1992). Detection and Biochemical Characterization of Insecticide Resistance in the Diamondback Moth. *Pestic.Biochem.Physiol.* 44: 74-81.

EcoReference No.: 109566

Chemical of Concern: CBF,MTM,DZ,MLN,MP,CPY,FVL,EFV,FNV,CYP,MOM,CYH; Habitat: T;

Effect Codes: MOR,BCM; Code: NO

CONTROL(MOM,EFV,CYP,FNV,FVL,CPY,MP,MLN,DZ,MTM,CBF).

Zhu, K. Y., Wilde, G. E., Sloderbeck, P. E., Buschman, L. L., Higgins, R. A., Whitworth, R. J., Bowling, R. A.,

Starkey, S. R., and He, F. (2005). Comparative Susceptibility of Western Corn Rootworm (Coleoptera: Chrysomelidae) Adults to Selected Insecticides in Kansas. *J.Econ.Entomol.* 98: 2181-2187.

EcoReference No.: 111670

Chemical of Concern: MP,MLN,FPN,CPY,CBL,BFT,CYP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL(MP,MLN,FPN,CPY,CBL,BFT,CYP).

III. Excluded from ECOTOX

A. October 2008 Refresh

1967). 1431. Malathion and Carbaryl Teratogenic to Hens. *Food and Cosmetics Toxicology* 5: 827.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1969). 1769. Toxicity Differential in Optically-Active Isomers of Organophosphates: Hassan, A. & Dauterman, W. C. (1968). Studies on the Optically Active Isomers of O,O-Diethyl Malathion and O,O-Diethyl Malaoxon. *Biochem. Pharmac.* 17, 1431. *Food and Cosmetics Toxicology* 7: 388.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1969). 1770. Structure and Activity Among the Malathions and Malaoxons: Chiu, Y. C., Hassan, A., Guthrie, F. E. & Dauterman, W. C. (1968). Studies on a Series of Branched-Chain Analogs of Diethyl Malathion and Malaoxon With Regard to Toxicity and in Vitro Enzymatic Reactions. *Toxic. Appl. Pharmac.* 12, 219. *Food and Cosmetics Toxicology* 7: 388-389.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

1969). 1833. The Malathion Hazard: a Crucial Experiment: Gardner, A. L. & Iverson, R. E. (1968). The Effect of Aerially Applied Malathion on an Urban Population. *Archs Envir. Hlth* 16, 823. *Food and Cosmetics Toxicology* 7: 687.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

1970). 1982. Red Light for Malathion?: Greenberg, J. & Laham, Q. N. (1969). Malathion-Induced Teratisms in the Developing Chick. *Can. J. Zool.* 1969, 47, 539. *Food and Cosmetics Toxicology* 8: 463-464.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

1971). 2207. Organophosphate Potentiation: a New Hazard for Wildlife : Cohen, S.d. & Murphy, S.d. (1970). Comparative Potentiation of Malathion by Triorthotolyl Phosphate in Four Classes of Vertebrates. *Toxic. Appl. Pharmac.* 16, 701. *Food and Cosmetics Toxicology* 9: 744.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1965). 918. Some Progress With the Chick Embryo Technique: Mclaughlin, J., Jr., Marliac, J.-P., Verrett, M. Jacqueline & Fitzhugh, O. G. (1965). Toxicity of Some Food Additive Chemicals as Measured by the Chick Embryo Technique. *Toxic Appl. Pharmac.* 7, 491. Abaza, R., Denney, A., Millar, H. C. & Greenwood, D. A. (1965). Toxicity and Biological Effects of 1,2-Benzpyrene, 1,2,5,6-Dibenzanthracene and 3-Methylcholanthrene in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 478. Ghadiri, M. & Greenwood, D. A. (1965). Toxicity and Biological Effects of Malathion, Phosdrin, and Sevin in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 484. Marliac, J.-P., Verrett, M. Jacqueline, Mclaughlin, J., Jr. & Fitzhugh, O. G. (1965). A Comparison of Toxicity Data Obtained for Twenty-One Pesticides by the Chicken Embryo Technique With Acute, Oral Ld50's in Rats. *Toxic. Appl. Pharmac.* 7, 490. Khera, K. S., Laham, Q. M. & Grice, H. C. (1965). Toxic Effects Induced by Inoculation of Epn and Systox Into Duck Eggs. *Toxic. Appl. Pharmac.* 7, 488. *Food and Cosmetics Toxicology* 3: 878-879.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- 1963). 93. Malathion Toxicity in Second Generation. *Food and Cosmetics Toxicology* 1: 125.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- 1996). Characteristic Levels of Some Pesticides and Heavy Metals in Imported Fish. *Food Chemistry* 57: 487-492.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- 1991). Determination of Insecticides in Water by the Inhibition of Cholinesterase Au - Beutler H-O. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 26-29.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- 1990). Fate of Sulfur-Containing Pesticide Degradation Products in Soil and Water Au - Miles Cj. *200th american chemical society national meeting, washington, d.c., Usa, august 26-31, 1990. Abstr pap am chem soc* 200: Agro 47.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Joint Environmental Assessment 1997--2001 of the California Department of Food and Agriculture Curly Top Virus Control Program for Bureau of Land Management and Department of Energy. *Govt reports announcements & index (gra&i), issue 05, 2098.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- List of the Organic Micropollutants Found in Some Fresh Waters, Effluents, Aquatic Plants and Animals, and Bottom Sediments. *Epa/ots; doc #40-7642395.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- 1997). Low Dose Effect of Malathion in Mice. *Food and Chemical Toxicology* 35: 1229.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Mexican Fruit Fly Cooperative Eradication Program: San Bernardino/Riverside Counties, California, Environmental Assessment, August 1999. *Govt reports announcements & index (gra&i), issue 17, 2001.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Prevention Pays for Farmworkers. *Environ health perspect. 2007, jan; 115(1):a28. [Environmental health perspectives]: Environ Health Perspect.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Public Health Assessment for Fmc Corporation Yakima Pit, Yakima, Yakima County, Washington, Region 10. Cerclis No. Wad000643577. *Govt reports announcements & index (gra&i), issue 10, 2094.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.
- Support Document for the Sara Section 110 "Second 100" List (Draft). *Epa/ots; doc #110-881013.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Toxicity Screening Using Microtox (Tm). *Epa/ots; doc #878213668.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Toxicity Screening Using Microtox With Cover Letter. *Epa/ots; doc #fyi-ots-0883-0251.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Toxicological Information About Insecticides Used for Eradicating Mosquitoes (West Nile Virus Control). *Govt reports announcements & index (gra&i), issue 10, 2006.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Toxicological Profile for Malathion. *Govt reports announcements & index (gra&i), issue 13, 2004.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.

- Abdel-Halim, K. Y., Salama, A. K., El-khateeb, E. N., and Bakry, N. M. (2006). Organophosphorus Pollutants (Opp) in Aquatic Environment at Damietta Governorate, Egypt: Implications for Monitoring and Biomarker Responses. *Chemosphere* 63: 1491-1498.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abdul-Ghaffar NUAMA (1997). Transient Diabetes Insipidus Complicating Severe Suicidal Malathion Poisoning. *Journal of Toxicology: Clinical Toxicology*. Vol. 35, no. 2, pp. 221-222. 1997.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Abelentseva GMSedykh AS and Popov, P. V. (1975). Toxicity of Insecticides for Mosquito Culex Pipiens Molestus Larvae. *Med. Parazitol. Parazit. Bolezn*. Vol. 44, no. 6, pp. 687-690. 1975.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Abernathy, C. O. and Casida, J. E. (1973). Pyrethroid Insecticides: Esterase Cleavage in Relation to Selective Toxicity. *Science* 179: 1235-1236.
Chem Codes: Chemical of Concern: BRSM,MLN,TBF,RSM Code: REFS CHECKED/REVIEW.
- Abiola, F. A., Karimou, M., and Houeto, P. (1991). Cholinesterase Activity in Bovine Ticks and Its Inhibition in Vitro by Organophosphates Acaricids. *Revue de Medecine Veterinaire [REV. MED. VET.]*. Vol. 142, no. 2, pp. 147-152. 1991.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Abo-Amer, A. E. (Involvement of Chromosomally-Encoded Genes in Malathion Utilization by Pseudomonas Aeruginosa Aa112. *Acta microbiol immunol hung*. 2007, sep; 54(3):261-77. [*Acta microbiologica et immunologica hungarica*]: *Acta Microbiol Immunol Hung*.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Abou-Arab, A. A. K. and Abou Donia, M. A. (2001). Pesticide Residues in Some Egyptian Spices and Medicinal Plants as Affected by Processing. *Food Chemistry* 72: 439-445.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abou-Arab, A. A. K., Kawther, M. Soliman, El Tantawy Me, Badeaa, R. Ismail, and Khayria, N. (1999). Quantity Estimation of Some Contaminants in Commonly Used Medicinal Plants in the Egyptian Market. *Food chemistry* 67: 357-363.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abou-Arab a Ak (Behavior of Pesticides in Tomatoes During Commercial and Home Preparation.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abou Zeid, A. A., Hussein, H. A., and Shahin, A. A. (2002). Aspects of high Concentrations of Certain Organophosphorus Insecticides on the Activity and Structure of Some Biodegrading Soil Fungi and Their Response to gamma Radiation. *New Egypt.J.Microbiol*. 1: 40-60.
Chem Codes: Chemical of Concern: PFF,MLN Code: NO SOURCE/NOT PURSUING.
- Abraham, S. and Edery, H. (Rapid Spontaneous Reactivation of Cholin Esterase Inhibited by Malaoxon. *Isr j med sci*; 12 (12). 1976 (recd 1977) 1524.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Abu-El-Sha'R, W. Y. and Gharaibeh, S. H. (1999). Manufacturing and Environmental Applications of Granular Activated Carbon From Processed Solid Residue of Olive Mill Products (Jeft). *Toxicological and Environmental Chemistry*, 68 (1-2) pp. 43-52, 1999.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Adachi, K., Ohokuni, N., and Mitsuhashi, T. (1984). Simple Analytical Method for Organophosphorus Pesticide Determination in Unpolished Rice, Using Removal of Fats by Zinc Acetate. *Journal of the Association of*

- Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]. Vol. 67, no. 4, pp. 798-800. 1984.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ageda, Saori, Fuke, Chiaki, Ihama, Yoko, and Miyazaki, Tetsuji (2006). The Stability of Organophosphorus Insecticides in Fresh Blood. *Legal Medicine* 8: 144-149.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Aguera, A., Contreras, M., and Fernandez-Alba, A. R. (1993). Gas Chromatographic Analysis of Organophosphorus Pesticides of Horticultural Concern. *Journal of chromatography a* 655: 293-300.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Aguilar, C., Borrull, F., and Marce, R. M. (1997). Determination of Pesticides in Environmental Waters by Solid-Phase Extraction and Gas Chromatography With Electron-Capture and Mass Spectrometry Detection. *Journal of chromatography a* 771: 221-231.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Aguilar, C., Ferrer, I., Borrull, F., Marce, R. M., and Barcelo, D. (1998). Comparison of Automated on-Line Solid-Phase Extraction Followed by Liquid Chromatography-Mass Spectrometry With Atmospheric Pressure Chemical Ionization and Particle Beam Mass Spectrometry for the Determination of a Priority Group of Pesticides in Environmental Waters. *Journal of chromatography a* 794: 147-163.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Ahmad, N., Bugueno, G., Guo, L., and Marolt, R. (1999). Determination of Organochlorine and Organophosphate Pesticide Residues in Fruits, Vegetables and Sediments. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 34: 829-848.
Chem Codes : Chemical of Concern: MLN Code: METHODS.
- Ahmed, F. E., Hattis, D., Wolke, R. E., and Steinman, D. (1993). Risk Assessment and Management of Chemical Contaminants in Fishery Products Consumed in the Usa. *Journal of applied toxicology* 13: 395-410.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Aitken, M. D., Heck, P. E., Mines, R. O., and Sherrard, J. H. (1992). Activated Sludge. *Water environ res* 64: 347-359.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT, MODELING.
- Akey, W. C., Russell, T., Alford, C., Morrison, T., and Denning, M. (1997). Will the Toad Croak? An Endangered Species Decision Case. *Journal of natural resources and life sciences education* 26: 148-156.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Akguer, S. A., Oeztuerk, P., Soezmen, E. Y., Delen, Y., Tanyalcin, T., and Ege, B. (1999). Paraoxonase and Acetylcholinesterase Activities in Humans Exposed to Organophosphorous Compounds. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 58, no. 8, pp. 469-474. 1999.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Akio Koizumi, Leslie Hasegawa, Thomas, Imad K., and Toshiko Imamura (1986). Effect of Induction of T-Cell-Dependent Antibody With Sheep Red Blood Cells on P-450-Dependent and -Independent Xenobiotic Metabolizing Enzymes. *Biochemical Pharmacology* 35: 2743-2748.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Akiyama, Y., Yoshioka, N., Yano, M., Mitsuhashi, T., Takeda, N., Tsuji, M., and Matsushita, S. (1997). Pesticide Residues in Agricultural Products (F.Y. 1994-1996). *J.Food Hyg.Soc.Jpn.* 38: 381-389 (JPN) .
Chem Codes: EcoReference No.: 97461
 Chemical of Concern:
 FNT,ACP,DZ,DDVP,MTM,CYP,EFX,FNV,FVL,PMR,MOM,BFZ,IPD,TFZ,CYF,TFY,MLN,BPH,ILL,T

BA,DPHP,ES,DM,BTN,FRM,IPD,MYC,TDF,TDM Code: NON-ENGLISH.

Al-Rifai, J. and Akeel, N. (1997). Determination of Pesticide Residues in Imported and Locally Produced Honey in Jordan. *Journal of apicultural research* 36: 155-161.

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Al-Wakil, A. M., Farag, A. B., Yousef, A. M., and Tollan, K. A. (1994). Separation and Preconcentration of Malathion and Azamethiphos by Unloaded Polyurethane Foams. *Qatar university science journal* 14: 14-17.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Albanis, T. A. and Hela, D. G. (1995). Multi-Residue Pesticide Analysis in Environmental Water Samples Using Solid-Phase Extraction Discs and Gas Chromatography With Flame Thermionic and Mass-Selective Detection. *Journal of chromatography a* 707: 283-292.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Albanis, T. A., Hela, D. G., Sakellarides, T. M. , and Konstantinou, I. K. (1998). Monitoring of Pesticide Residues and Their Metabolites in Surface and Underground Waters of Imathia (N. Greece) by Means of Solid-Phase Extraction Disks and Gas Chromatography. *Journal of chromatography a* 823: 59-71.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Albert, A., Gilbertson, M. K., Drouillard, K. G. , Haffner, G. D., and Dixon, B. ([nd]). Contaminant-Induced Immunosuppression in Northern Leopard Frogs (*Rana pipiens*). *Conference on Great Lakes Research, Winnipeg [Canada], 2-6 Jun 2002* 1-2.

Chem Codes: Chemical of Concern: MLN Code : ABSTRACT.

Aldana-Madrid, M. L., Valdez-Hurtado, S., Vargas-Valdez, N. D., Salazar-Lopez, N. J., Silveira-Gramont, M. I., Loarca-PiÑ, A. F. G., RodrÍ, Guez-Olibarria, G., Wong-Corral, F. J., Borboa-Flores, J., Burgos-HernÁ, and Ndez, A. (Insecticide Residues in Stored Grains in Sonora, Mexico: Quantification and Toxicity Testing. *Bull environ contam toxicol.* 2008, feb; 80(2):93-6. [*Bulletin of environmental contamination and toxicology*]: *Bull Environ Contam Toxicol.*

Chem Codes: Chemical of Concern: MLN Code: FOOD,SURVEY.

Aleem, Asma and Malik, Abdul (2005). Genotoxicity of the Yamuna River Water at Okhla (Delhi), India. *Ecotoxicology and Environmental Safety* 61: 404-412.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Alford, A. L. (Supplementary Interpretations of the Nmr Spectra of Phosphorus Pesticides. Au - Keith Lh. *Anal. Chim. Acta*; 44(2), 447-8, 1969; (ref:2).

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Alho, C. Jr and Vieira, L. M. (1997). Fish and Wildlife Resources in the Pantanal Wetlands of Brazil and Potential Disturbances From the Release of Environmental Contaminants. *Environmental toxicology and chemistry* 16: 71-74.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Ali, I. and Jain, C. K. (2001). Pollution Potential of Pesticides in the Hindon River, India. *Journal of Environmental Hydrology [J. Environ. Hydrol.]*. Vol. 9, [np]. 2001.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ali, K. H. and Wheelock, J. V. (1973). Persistence of Pesticides in River Water. *Int. J. Environ. Stud.* Vol. 5, no. 1, pp. 63-64. 1973.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Allen, S. E., Parkinson, J. A., and Rowland, A. P. (1989). Pollutants. *Allen, s. E. (Ed.). Chemical analysis of*

ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa Oxford, england, uk. Illus. Isbn 0-632-01742-2.; 0: 201-239.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Alomenu, H. S. (1985). Current Trends in African Migratory Locust Locusta-Migratoria-Migratorioides Plague Prevention. *Outlook agric* 14: 165-173.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Altstein, M., Segev, G., Aharonson, N., Ben-Aziz, O., Turniansky, A., and Avnir, D. (1998). Sol-Gel-Entrapped Cholinesterases: a Microtiter Plate Method for Monitoring Anti-Cholinesterase Compounds. *Journal of agricultural and food chemistry* 46: 3318-3324.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Amaraneni, S. R. and Pillala, R. R. (2001). Concentrations of Pesticide Residues in Tissues of Fish From Kolleru Lake in India. *Environmental Toxicology [Environ. Toxicol.]*. Vol. 16, no. 6, pp. 550-556. 2001.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Anderson, J. F. and Glowa, W. (1984). Insecticidal Poisoning of Honey Bees in Connecticut. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 13, no. 1, pp. 70-74. 1984.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.

Anderson, M. and Barrett, C. (1991). International Conference on Critical Target Genes in Chemical Carcinogenesis Research Triangle Park North Carolina Usa September 10-14 1989. *Environ health perspect* 93: 3-277.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Andrade, C. F. S. (1990). Evaluation of the Sensitivity of the Adult Culex Quinquefasciatus Say to Chemical Insecticides. *REV. SAUDE PUBL. SAO PAULO*. Vol. 24, no. 4, pp. 259-264. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Angelidis, M. O., Markantonatos, P. G., Bacalis, N. C., and Albanis, T. A. (1996). Seasonal Fluctuations of Nutrients and Pesticides in the Basin of Evrotas River, Greece. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 31: 387-410.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Anon (1994). Dengue Control Programme in Malaysia. *Kaohsiung journal of medical sciences* 10: S113-s115.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Anon (1986). The Fuller Rose Beetle Pantomorus-Cervinus. *Citrograph* 71: 112-113.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (1997). The Japan-Israel Workshop on Novel Approaches for Controlling Insect Pests and Plant Diseases, the Binational Plant Protection Cooperation, Kibbutz Ma'ala Hahamisha, Israel, July 12-17, 1997. *Phytoparasitica* 25: 345-366.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (1988). Medfly in Los Angeles California Usa a Return Engagement. *Citrograph* 73: 216.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 11-20.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Anon. (1992). Tentative Guidelines for Testing the Bioavailability and Toxicological Potential of Grain-Bound Pesticide Residues. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants*

- and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B: PESTIC., FOOD CONTAM., AGRIC. WASTES]. Vol. B27, no. 4, pp. 427-431. 1992.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1980). Effects of Insecticides on Thermotropic Lipid Phase Transitions. *Pesticide Biochemistry and Physiology* 14: 161-169.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1981). Interactions of Insecticides With Erythrocyte Membranes. *Pesticide Biochemistry and Physiology* 15: 79-89.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Antunes-Madeira, M. C. and Madeira, V. Mc (1987). Partition of Malathion in Synthetic and Native Membranes. *Biochim biophys acta* 901: 61-66.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Antunes-Madeira, M. C. and Madeira, Vitor M. C. (1982). Interaction of Insecticides With the Ca²⁺-Pump Activity of Sarcoplasmic Reticulum. *Pesticide Biochemistry and Physiology* 17: 185-190.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Antunes-Madeira, M. Dc and Madeira, V. Mc (1989). Membrane Partitioning of Organophosphorus and Organochlorine Insecticides and Its Implications for Mechanisms of Toxicity. *Pestic sci* 26: 167-180.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Antunes-Madeira, M. Dc, Videira, R. A., Lopes, V., and Madeira, V. Mc (1996). Toxicity of Organophosphorus Insecticides: Alteration of Membrane Fluidity. *Medical science research* 24: 753-756.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Anyanwu, G. I., Davies, D. H., Molyneux, D. H., and Phillips, A. (1997). Variation in Cuticular Hydrocarbons Among Strains of Anopheles (Cellia) Stephensi Liston Possibly Related to Prior Insecticide Exposure. *Annals of tropical medicine and parasitology* 91: 649-659 .
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Aplada-Sarlis, P., Malatou, P. T., Miliadis, G. E., and Liapis, K. S. (1997). Residues of Organophosphorous and Organochlorine Pesticides in Raw Agricultural Products of Plant Origin Imported in Greece. *Annales de l'institut phytopathologique benaki* 18: 41-52 .
Chem Codes: Chemical of Concern: MLN Code: SURVEY, NO SPECIES (DEAD).
- Archer, T. E. (Decontamination of Malathion of Ladino Clover Seed Screenings. *Poultry sci.*; 48(6): 2075-80, 1969; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Archer, T. E. (Malathion Residues on Ladino Clover Seed Screenings Exposed to Ultraviolet Irradiation. *Bull. Environ. Contam. Toxicol.*; 6(2): 142-3 1971.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Archer, T. L., Bynum, E. D. Jr., and Plapp, F. W. Jr. (1994). Chlorpyrifos Resistance in Greenbugs (Homoptera: Aphididae): Cross-Resistance and Synergism. *J.Econ.Entomol.* 87: 1437-1440.
Chem Codes: Chemical of Concern: MLN,AMZ,PPB,CBF,ACP,TBF,CPY,DMT,EFV,MOM,OXD Code: NO CONC.
- Arcury, T. A., Grzywacz, J. G., Barr, D. B., Tapia, J., Chen, H., and Quandt, S. A. (Pesticide Urinary Metabolite Levels of Children in Eastern North Carolina Farmworker Households. *Environ health perspect.* 2007, aug; 115(8):1254-60. [Environmental health perspectives]: *Environ Health Perspect.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Ares, Jorge O., Del Valle, Hector F., and Olinuck, Jose A. (2006). Exploring Improved Pesticide Management in Sub-Tropical Environments With Gis-Supported Fate Modeling. *Agricultural Systems* 91: 189-210.
Chem Codes: Chemical of Concern: MLN Code : FATE, MODELING.
- Arita, T. (1994). Elution Patterns of Post-Harvest Application Pesticides From Noodles During the Boiling Process. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 35, no. 1, pp. 34-40. 1994.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Arshad, J. H. and Salehuddin, A. N. (1988). Persistence of Carbon-14 Malathion Residues in Stored Milled Rice. *Pertanika* 11: 73-78.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Arthur, F. (1988). Evaluation of Trimethacarb as a Protectant of Stored Peanuts. *J entomol sci* 23: 264-268.
Chem Codes: Chemical of Concern: MLN Code: NO EFFECT.
- Arthur, F. H. (1996). Grain Protectants: Current Status and Prospects for the Future. *Journal of stored products research* 32: 293-302.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Artiola, J. F. (1996). Waste Disposal. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-550660-0.; 0: 135-149.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Arzone, A. and Patetta, A. (1983). Research on the Action of Malathion, Neostanox, Permethrin, Tartar Emetic and Triforine on Honey Bees.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ashby, J. and Tennant, R. W. (Chemical Structure, Salmonella Mutagenicity and Extent of Carcinogenicity as Indicators of Genotoxic Carcinogenesis Among 222 Chemicals Tested in Rodents by the U.s. Nci/Ntp. *Mutat res* 204:17-115,1988: *MUTAT RES*.
Chem Codes: Chemical of Concern: MLO Code : REVIEW.
- Assie, L. K., Brostaux, Y., and Haubruge, E. (2008). Density-dependent reproductive success in *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Journal of Stored Products Research* 44: 285-289.
Chem Codes: Chemical of Concern: MLN Code : NO TOXICANT.
- Atkinson, R. (1990). Atmospheric Reaction Pathways and Lifetimes for Organophosphorus Compounds Au - Winer Am. Kurtz, d. A. (Ed.). *Long range transport of pesticides* 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: 115-126.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Atkinson, R., Guicherit, R., Hites, R. A., Palm, W. U., Seiber, J. N., and De Voogt P (1999). Transformations of Pesticides in the Atmosphere: a State of the Art. *Water air and soil pollution* 115: 219-243.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Awany, N. M., El Fouly Mz, El-Hawa, M. A., and Zeid, A. Aa (1996). Effect of Malathion on Certain Beneficial Microbial Activities in Egyptian Soils. *Egyptian journal of microbiology* 31: 1-12.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ayub, Sadia, Verma, Jyotsna, and Das, Nibhriti (2003). Effect of Endosulfan and Malathion on Lipid Peroxidation, Nitrite and Tnf-[Alpha] Release by Rat Peritoneal Macrophages. *International Immunopharmacology* 3:

1819-1828.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Babich, H. and Borenfreund, E. (Applications of the Neutral Red Cytotoxicity Assay to Risk Assessment of Aquatic Contaminants an Overview. *Landis, w. G., J. S. Hughes and m. A. Lewis (ed.). Astm (american society for testing and materials) special technical publication, no. 1179. Environmental toxicology and risk assessment; first symposium, atlantic city, new jersey, usa, april 14-16, 1991. Vi+431p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-1860-0.; 0 (0). 1993. 215-229.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Babich, H., Rosenberg, D. W., and Borenfreund, E. (1991). In Vitro Cytotoxicity Studies With the Fish Hepatoma Cell Line, Plhc-1 (Poeciliopsis Lucida). *Ecotoxicology and Environmental Safety* 21: 327-336.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Baerg, R. J., Barrett, M., and Polge, N. D. (1996). Insecticide and Insecticide Metabolite Interactions with Cytochrome P450 Mediated Activities in Maize. *Pestic.Biochem.Physiol.* 55: 10-20.

Chem Codes: Chemical of Concern: DDA,12T,NSF,TBO,PRT,CPY,MLN,CBF,CBL,PMR,FNF,TBS
Code: IN VITRO/MIXTURE.

Baerg, Roger J., Barrett, Michael, and Polge, Nicholas D. (1996). Insecticide and Insecticide Metabolite Interactions With Cytochrome P450 Mediated Activities in Maize. *Pesticide Biochemistry and Physiology* 55: 10-20.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Baez, M. E., Rodriguez, M., Lastra, O., and Contreras, P. (1997). Solid Phase Extraction of Organophosphorus, Triazine, and Triazole-Derived Pesticides From Water Samples. A Critical Study. *Hrc journal of high resolution chromatography* 20: 591-596.

Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.

Baffi, Milla Alves, de Souza, Guilherme Rocha Lino, de Sousa, Cristina Soares, Ceron, Carlos Roberto, and Bonetti, Ana Maria (2008). Esterase enzymes involved in pyrethroid and organophosphate resistance in a Brazilian population of Rhipicephallus (Boophilus) microplus (Acari, Ixodidae). *Molecular and Biochemical Parasitology* 160: 70-73.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Bagheri, H., Brouwer, E. R., Ghijsen, R. T., and Brinkman, U. At (1993). On-Line Low-Level Screening of Polar Pesticides in Drinking and Surface Waters by Liquid Chromatography-Thermospray Mass Spectrometry. *9th montreux symposium on liquid chromatography-mass spectrometry, supercritical fluid chromatography-mass spectrometry, capillary zone electrophoresis-mass spectrometry and tandem mass spectrometry, montreux, switzerland, november 4-6, 1992. J chromatogr* 647: 121-129.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Bai, S. G. (1964). Persistence of Malathion Residues on Treated Foodgrains Under Different Conditions of Storage and Processing. *In: S.K.Majunder (Ed.), Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 310-315.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci/Ntp-Screened Chemicals. Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis* : *Carcinogenesis* 13: 1437-1445.

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci-Screened Chemicals: Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis (eynsham)* 13: 1437-1445.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Baker, J. E. (1994). Resistance Mechanism in the Bamberg Strain of *Anisopteromalus calandrae* (Hymenoptera: Pteromalidae). *J. Entomol. Sci.* 29: 580-584.
Chem Codes: Chemical of Concern: PPB,TBF,MLN Code: REFS CHECKED/REVIEW.
- Baker, J. E., Fabrick, J. A., and Zhu, K. Y. (1998). Characterization of Esterases in Malathion-Resistant and Susceptible Strains of the Pteromalid Parasitoid *Anisopteromalus Calandrae*. *Insect Biochemistry and Molecular Biology* 28: 1039-1050.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Balabaskaran, S. and Ganendran, A. (Clinical Significance of Pyridine 2 Aldoxime Methiodide as a Reactivator of Organo Phosphate Inhibited Human Cholin Esterases. *Clin chem*; 21 (7). 1975 1020.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Balayannis, P. G. and Santas, L. A. (1992). Dissipation of Malathion and Fluvalinate Residues From Honey. *J apic res* 31: 70-76.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Balluz, Lina S., Philen, Rossanne M., Brock, John, Falter, Kenneth, Kiefer, Max, Hart, Rebecca, and Hill, Robert H. (2000). Health Complaints Related to Pesticide Stored at a Public Health Clinic. *Environmental Research* 82: 1-6.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Banerjee, B. D., Seth, V., Bhattacharya, A., Pasha, S. T., and Chakraborty, A. K. (1999). Biochemical Effects of Some Pesticides on Lipid Peroxidation and Free-Radical Scavengers. *Toxicology letters (shannon)* 107: 33-47.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Barber, D., Correll, L., and Ehrich, M. *. (1999). Comparative Effectiveness of Organophosphorus Protoxicant Activating Systems in Neuroblastoma Cells and Brain Homogenates. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 57, no. 1, pp. 63-74. 1999.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Barbosa, F. R., Yokoyama, M., Pereira, P. A. A., and Zimmermann, F. J. P. (2002). Control of the Mexican Bean Weevil *Zabrotes Subfasciatus* With Vegetable Oils, Trashing Residues, Inert Materials and Malathion. *Pesquisa Agropecuaria Brasileira*, 37 (9) pp. 1213-1217, 2002.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Barcelo, D. (1988). Application of Thermospray Liquid Chromatography-Mass Spectrometry for Determination of Organophosphorus Pesticides and Trialkyl and Triaryl Phosphates. *Biomed environ mass spectrom* 17: 363-370.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Barcelo, D. (1988). A Review of Liquid Chromatography in Environmental Pesticide Analysis. *Chromatographia* 25: 928-936.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Barcelo, D., Chiron, S., Lacorte, S., Martinez, E., Salau, J. S., and Hennion, M. C. (1994). Solid-Phase Sample Preparation and Stability of Pesticides in Water Using Empore Disks. *Trends in analytical chemistry* 13: 352-361.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Barik, S. (1984). Metabolism of Insecticides by Microorganisms. *Lal, r. (Ed.). Insecticide microbiology. Xvi+268p. Springer-verlag: berlin, west germany* New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 87-130.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.

- Barik, Sudhakar, Munnecke, Douglas M., and Fletcher, John S. (1984). Bacterial Degradation of Three Dithioate Pesticides. *Agricultural Wastes* 10: 81-94.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Baris, D., Zahm, S. H., Cantor, K. P., and Blair, A. (1998). Agricultural Use of Ddt and Risk of Non-Hodgkin's Lymphoma: Pooled Analysis of Three Case-Control Studies in the United States. *Occupational and environmental medicine* 55: 522-527.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Barker, P. S. (1988). The Entomological Problems of Wheat in the Canadian Prairies. *Selected papers from the second international symposium of french-speaking entomologists, trois-rivieres, quebec, canada, july 6-9, 1986. Nat can (que)* 115: 229-234.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Barker, Philip S. and Vaisey, Marion (1973). Effect of Storage Condition and Time on the Odor of Malathion-Treated Wheat. *Journal of Stored Products Research* 9: 171-180.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Barnabas, I. J., Dean, J. R., Hitchen, S. M., and Owen, S. P. (1994). Selective Extraction of Organochlorine and Organophosphorus Pesticides Using a Combined Solid Phase Extraction-Supercritical Fluid Extraction Approach. *Analytica chimica acta* 291: 261-267.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Barr, D. B., Barr, J. R., Driskell, W. J., Hill, R. H Jr, Ashley, D. L., Needham, L. L., Head, S. L., and Sampson, E. J. (1999). Strategies for Biological Monitoring of Exposure for Contemporary-Use Pesticides. *Toxicology and industrial health* 15: 168-179.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Barre, A. C., Tamo, M., and Odjo, A. T. (Impact of Two Insecticides on the Parasitoids of the Leaf Miner *Liriomyza Trifolii* Burgess Diptera Agromyzidae on Cowpea *Vigna Unguiculata* Walp in Southern Benin. Robertson, h. G. (Ed.). *Insects in african economy and environment; joint congress of the entomological society of southern africa (11th congress) and the african association of insect scientists (12th congress), stellenbosch, south africa, june 30-july 4, 1997. 255p. Entomological society of southern africa: pretoria, south africa. Isbn 0-620-21415-5.; 0 (0). 1997. 64.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Barrett, M. R. (1996). The Environmental Impact of Pesticide Degradates in Groundwater. Meyer, m. T. And e. M. Thurman (ed.). *Acs symposium series, 630. Herbicide metabolites in surface water and groundwater Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. X+318p. American chemical society: washington, dc, usa. Isbn 0-8412-3405-1.; 630: 200-225.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Basol, M. S., Eren, S., and Sadar, M. H. (1980). Comparative Toxicity of Some Pesticides on Human Health and Some Aquatic Species. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B.]*. Vol. 15, no. 6, pp. 993-1004. 1980.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Bates, C. (Novel Formulations for Locust and Grasshopper Control. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994. Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).; 0 (0). 1994. 977-980.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Batkin, T. A. (1995). Impact of the Mediterranean Fruit Fly *Ceratitis Capitata* Wiedemann on California Agriculture. *Heitz, j. R. And k. R. Downum (ed.). Acs symposium series, 616. Light-activated pest control Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-6, 1995. Viii+279p. American chemical society: washington, dc, usa. Isbn 0-8412-3334-9.; 616: 70-81.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Baumann, R. A., Brinkman, U. At, and Van Zoonen P (1993). On-Line Combination of Automated Micro Liquid-Liquid Extraction and Capillary Gas Chromatography for the Determination of Pesticides in Water. *Au - Van Der Hoff Gr. J chromatogr 644: 367-373.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Baumann, R. A., Luttik, R., and Gerritsen, R. (Bestrijdingsmiddelen in Oppervlaktewater Van De Hogeveense Polder (1989/'90) (Pesticides in Surface Water of the Hogeveense Polder (1989/'90)). *Govt reports announcements & index (gra&i), issue 01, 2093.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH,FATE.
- Bavcon Kralj, M., Cernigoj, U., Franko, M., and Trebse, P. (2007). Comparison of Photocatalysis and Photolysis of Malathion, Isomalathion, Malaoxon, and Commercial Malathion - Products and Toxicity Studies. *Water Res. 41: 4504-4514.*
Chem Codes: Chemical of Concern: MLN,MLO Code: NO SPECIES.
- Bavcon Kralj, M., Franko, M., and Trebse, P. (Photodegradation of Organophosphorus Insecticides - Investigations of Products and Their Toxicity Using Gas Chromatography-Mass Spectrometry and Ache-Thermal Lens Spectrometric Bioassay. *Chemosphere. 2007, feb; 67(1):99-107. [Chemosphere]: Chemosphere.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bavcon, M., Trebse, P., and Zupancic-Kralj, L. (Investigations of the Determination and Transformations of Diazinon and Malathion Under Environmental Conditions Using Gas Chromatography Coupled With a Flame Ionisation Detector. *Chemosphere. 2003, feb; 50(5):595-601. [Chemosphere]: Chemosphere.*
Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Beeson, D. R., Lewis, M. C., Powell, J. M., and Nimmo, D. R. (1998). Effect of Pollutants on Freshwater Organisms. *Water environment research 70: 921-931.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Behki, R. M. (1994). Degradation of Thiocarbamate Herbicides and Organophosphorus Insecticides by Rhodococcus Species. *Chaudhry, g. R. (Ed.). Biological degradation and bioremediation of toxic chemicals. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 234-255.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, FATE.
- Belfroid, A. C., Van Drunen M, Beek, M. A., Schrap, S. M., Van Gestel C Am, and Van Hattum B (1998). Relative Risks of Transformation Products of Pesticides for Aquatic Ecosystems. *Science of the total environment 222: 167-183.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Bell, Christopher H. (1991). Activity Rhythms Linked With Foraging Behaviour in Insecticide-Resistant and Susceptible Strains of *Oryzaephilus Surinamensis* (Coleoptera: Silvanidae). *Journal of Stored Products Research 27: 171-177.*
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Bell, J. P. and Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Biomass Adsorption. *J water pollut control fed 59: 191-198.*
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

- Bell, J. P. and Tsezos, M. (1988). The Selectivity of Biosorption of Hazardous Organics by Microbial Biomass. *Water res* 22: 1245-1252.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Beltran, J., Lopez, F. J., Cepria, O., and Hernandez, F. (1998). Solid-Phase Microextraction for Quantitative Analysis of Organophosphorus Pesticides in Environmental Water Samples. *Journal of chromatography a* 808: 257-263.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Bender, M. E. (1968). The Effect of Malathion on Fishes. *Ph.D.Thesis, University of Michigan, Ann Arbor, MI* 97 p.(Publ As 901, 2163).
Chem Codes: Chemical of Concern: MLN Code: PUBL AS.
- Benfenati, E., Tremolada, P., Chiappetta, L., Frassanito, R., Bassi, G., Di Toro N, Fanelli, R., and Stella, G. (1990). Simultaneous Analysis of 50 Pesticides in Water Samples by Solid Phase Extraction and Gc-Ms. *Chemosphere* 21: 1411-1422.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Benigni, R. (1991). The Ability of Short-Term Tests to Predict Carcinogenicity Can Be Summarized in a Single Index. *J toxicol environ health* 34: 27-38.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Benigni, R. (Analysis of the National Toxicology Program Data on in Vitro Genetic Toxicity Tests Using Multivariate Statistical Methods. *Mutagenesis* 4:412-419,1989: *MUTAGENESIS*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Benigni, R. (1989). A Bootstrap Analysis of Four in-Vitro Short-Term Test Performances. *Mutat res* 216: 127-136.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Benigni, R., Andreoli, C., and Giuliani, A. (Structure-Activity Studies of Chemical Carcinogens: Use of an Electrophilic Reactivity Parameter in a New Qsar Model. *Carcinogenesis(london)* 10:55-61,1989: *CARCINOGENESIS(LONDON)*.
Chem Codes: Chemical of Concern: MLO Code: QSAR.
- Bennett, D. A., Chung, A. C., and Lee, S. M. (1997). Multiresidue Method for Analysis of Pesticides in Liquid Whole Milk. *Journal of aoac international* 80: 1065-1077.
Chem Codes : Chemical of Concern: MLN Code: NO TOX DATA.
- Bentur, Y., Raikhlin-Eisenkraft, B., and Singer, P. (2003). Beneficial Late Administration of Obidoxime in Malathion Poisoning. *Veterinary and Human Toxicology [Vet. Hum. Toxicol.]*. Vol. 45, no. 1, pp. 33-35. Feb 2003.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT, HUMAN HEALTH.
- Berkelhammer, G. (1998). The Discovery of the Imidazolinone Herbicides From the Perspective of a Discovery Chemistry Manager. *Baker, d. R., Et al. (Ed.). Acs symposium series, 686. Synthesis and chemistry of agrochemicals, v* Acs national meetings, washington, d.c., Usa, august 1994 and san francisco, california, usa, 1997. Xii+339p. American chemical society: washington, dc, usa. Isbn 0-8412-3546-5.; 686: 17-22.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Berkman, C. E., Quinn, D. A., and Thompson, C. M. (1993). Interaction of Acetylcholinesterase With the Enantiomers of Malaoxon and Isomalathion. *Chem res toxicol* 6: 724-730.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Berkman, C. E., Ryu, S., Quinn, D. A., and Thompson, C. M. *. (1993). Kinetics of the Postinhibitory Reactions of Acetylcholinesterase Poisoned by Chiral Isomalathion: a Surprising Nonreactivation Induced by the Rp

- Stereoisomers. *Chemical Research in Toxicology [CHEM. RES. TOXICOL.]*. Vol. 6, no. 1, pp. 28-32. 1993.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Berkman, C. E. and Thompson, C. M. (1992). Synthesis and Stereoselective Anticholinesterase Potency of Isomalathion Stereoisomers. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro44.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Berkman, C. E., Thompson, C. M., and Perrin, S. R. (1993). Synthesis, Absolute Configuration, and Analysis of Malathion, Malaoxon, and Isomalathion Enantiomers. *Chem res toxicol* 6: 718-723.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Berkman, Clifford E. and Thompson, Charles M. (1992). Synthesis of Chiral Malathion and Isomalathion. *Tetrahedron Letters* 33: 1415-1418.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bernard, C. B. and Philogene, B. Jr (1993). Insecticide Synergists Role Importance and Perspectives. *J toxicol environ health* 38: 199-223.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Bester, K. and Huehnerfuss, H. (1997). Improvements of a Combined Size Exclusion Chromatography and Solid Phase Extraction Approach for the Clean-up of Marine Sediment Samples for Trace Analysis of Pesticides. *Fresenius' journal of analytical chemistry* 358: 630-634.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Bevenue, A., Ogata, J. N., and Beckman, H. (The Effect of the Column Support Material on the Gas Chromatographic Resolution of Methyl Parathion, Ethyl Parathion, Ethyl Paraaxon, Malathion, and Malaoxon. *J chromatogr.* 1968, may 21; 35(1):17-23. [*Journal of chromatography*]: *J Chromatogr.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Beyer, W. N. (1990). Evaluating Soil Contamination. *U s fish wildl serv biol rep* 90: I-viii, 1-25.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Beyers, D. W., Carlson, C. A., and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 10, no. 11, pp. 1425-1429. 1991.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bezbaruah, B., Bora, T., and Saikia, N. (1999). Ureolytic Nitrification Activities in Forest and Tea (Camellia Sinensis) Plantation Soils and Evaluation of Ureolytic Nitrifier Sensitivity to Pesticides. *Indian journal of agricultural sciences* 69: 24-29.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bezbaruah, B. and Saikia, N. (1990). Pesticide Influence of Sulfur Oxidation in Soil and Bacterial Isolates. *Indian j agric sci* 60: 406-410.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bezbaruah, B., Saikia, N., and Bora, T. (1995). Effect of Pesticides on Most Probable Number of Soil Microbes From Tea (Camellia Sinensis) Plantations and Uncultivated Land Enumerated in Enrichment Media. *Indian journal of agricultural sciences* 65: 578-583.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bhagwat, V. M. and Ramachandran, B. V. (Enzymic Hydrolysis of Malaoxon by Mouse Liver Homogenates. *Biochemical pharmacology*, vol. 24, no. 21, pages 2002-2003, 8 references, 1975

- Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Bhagwat, Vasanti M. and Ramachandran, Bhikshander V. (1975). Malathion a and B Esterases of Mouse Liver--I : Separation and Properties. *Biochemical Pharmacology* 24: 1713-1717.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Bhat, R. V. and Moy, G. G. (1997). Monitoring and Assessment of Dietary Exposure to Chemical Contaminants. *World health statistics quarterly* 50: 132-149.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Bhatnagar, A., Parihar, N. S., Gupta, A., and Singh, B. (1997). Pesticide Residues in Farmgate Samples of Tomato. *Indian journal of plant protection* 25: 88-89.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Bhatwat, V. M. and Ramachandran, B. V. (Estimation of Malaoxon in the Presence of Malathion by the Ferric Hydroxamate Method. *J assoc off anal chem*; 57 (5). 1974 1043-1045 .
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Bhushan, B. and Hoondal, G. S. (1999). Effect of Fungicides, Insecticides and Allosamidin on a Thermostable Chitinase From *Bacillus* Sp. Bg-11. *World journal of microbiology & biotechnology* 15: 403-404.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bhushan, R., Thapar, S., and Mathur, R. P. (1997). Accumulation Pattern of Pesticides in Tropical Fresh Waters. *Biomedical chromatography* 11: 143-150.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bicchi, C., D'amato, A., and Balbo, C. (1997). Multiresidue Method for Quantitative Gas Chromatographic Determination of Pesticide Residues in Sweet Cherries. *Journal of aoac international* 80: 1281-1286.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bicchi, C., D'amato, A., and Binello, A. (1996). Identification of Pesticide Residues in Real Matrices by Combining Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 19: 80-84.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bicchi, C., D'amato, A., and Orlandin, M. (1994). Identification of the Constituents of a Complex Mixture by Combined Use of Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 17: 335-338.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bierut, L. J., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O. F., Swan, G. E., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Goate, A. M., Hinrichs, A. L., Konvicka, K., Martin, N. G., Montgomery, G. W., Saccone, N. L., Saccone, S. F., Wang, J. C., Chase, G. A., Rice, J. P., and Ballinger, D. G. (Novel Genes Identified in a High-Density Genome Wide Association Study for Nicotine Dependence. *Hum mol genet.* 2007, jan 1; 16(1):24-35. [*Human molecular genetics*]: *Hum Mol Genet.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Biros, F. J. (*Residue rev*; 40. 1971 1-63.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Bishop, C. A., Mahony, N. A., Struger, J., Ng, P., and Pettit, K. E. (1999). Anuran Development, Density and Diversity in Relation to Agricultural Activity in the Holland River Watershed, Ontario, Canada (1990-1992). *Environmental monitoring and assessment* 57: 21-43.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Bisset, J. A., Rodriguez, M. M., Diaz, C., Ortiz, E., Marquetti, M. C., and Hemingway, J. (1990). The Mechanisms of Organophosphate and Carbamate Resistance in *Culex quinquefasciatus* (Diptera: Culicidae) from Cuba. *Bull.Entomol.Res.* 80: 245-250.
Chem Codes: Chemical of Concern: MLN,TMP,PPX Code: NO DURATION.
- Bisset, J. A., Rodriguez, M. M., Hemingway, J., Diaz, C., Small, G. J., and Ortiz, E. (1991). Malathion and Pyrethroid Resistance in *Culex quinquefasciatus* from Cuba: Efficacy of Pirimiphos-Methyl in the Presence of at Least Three Resistance Mechanisms. *Med.Vet.Entomol.* 5: 223-228.
Chem Codes: Chemical of Concern: CYP,PMR,MLN,PIRM,PPX,LCYT Code: NO DURATION.
- Bladek, J., Rostkowski, A., and Miszcak, M. (1996). Application of Instrumental Thin-Layer Chromatography and Solid-Phase Extraction to the Analyses of Pesticide Residues in Grossly Contaminated Samples of Soil. *Journal of chromatography a* 754: 273-278.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Blaha, J. J. and Jackson, P. J. (1985). Multiresidue Method for Quantitative Determination of Organophosphorus Pesticides in Foods. *J assoc off anal chem* 68: 1095-1099.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Blancato, J. N., Power, F. W., Brown, R. N., and Dary, C. C. (Exposure Related Dose Estimating Model (Erdem): a Physiologically-Based Pharmacokinetic and Pharmacodynamic (Pbpc/Pd) Model for Assessing Human Exposure and Risk. *Govt reports announcements & index (gra&i)*, issue 25, 2006.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.
- Blasiak, J., Jalszynski, P., Trzeciak, A., and Szyfter, K. (1999). In Vitro Studies on the Genotoxicity of the Organophosphorus Insecticide Malathion and Its Two Analogues. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis [Mutat. Res.-Genet. Toxicol. Environ. Mutag.]*. Vol. 445, no. 2, pp. 275-283. 30 Sep 1999.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, HUMAN HEALTH.
- Blasiak, J. and Stakowska, D. (2001). Genotoxicity of Malaoxon: Induction of Oxidized and Methylated Bases and Protective Effect of Alpha -Tocopherol. *Pesticide Biochemistry and Physiology [Pestic. Biochem. Physiol.]*. Vol. 71, no. 2, pp. 88-96. Oct 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Blasiak, J. and Walter, Z. (1992). Protective Action of Cholesterol Against Changes in Membrane Fluidity Induced by Malathion. *Annual meeting of the polish biochemical society, lublin, poland, september 1991. Acta biochim pol* 39: 49-52.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Blus, L. J. and Henny, C. J. (1997). Field Studies on Pesticides and Birds: Unexpected and Unique Relations. *Ecol.Appl.* 7: 1125-1132.
Chem Codes: EcoReference No.: 93177
Chemical of Concern: MLN,DZ,CBF,DS,DDT,HPT,DMT,DCF Code: REVIEW.
- Blus, L. J. and Henny, C. J. (1997). Field Studies on Pesticides and Birds: Unexpected and Unique Relations. *Ecological applications* 7: 1125-1132.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Boleas, S., Carbonell, G., Fernandez, C., Carballo, M., Ortiz, J. A., and Tarazona, J. V. (1998). Comparison Between Stress Response and Toxicant Exposure Biomarkers in Gilthead Sea Bream Sparus Aurata L. Exposed to Cadmium Malathion and-or Arochlor 1254. *Ninth international symposium on pollutant responses in marine organisms, bergen, norway, april 27-30, 1997. Marine environmental research* 46: 122-123.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Bollag, J. M. and Liu, S. Y. (1990). Biological Transformation Processes of Pesticides. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 169-212.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bond, J. A. and Bradley, B. P. (1993). The Relative Sensitivity of Daphnia-Magna to Environmental Stressors After Induction of Stress Proteins. *Sixth international symposium on responses of marine organisms to pollutants, part 2, woods hole, massachusetts, usa, april 24-26, 1991. Mar environ res 35: 223.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Bond, J. A., Bradley, B. P., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Demonstration of an Inducible Protective Response in Daphnia Magna. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Bondarenko, S. and Gan, J. *. (2004). Degradation and Sorption of Selected Organophosphate and Carbamate Insecticides in Urban Stream Sediments. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 23, no. 8, pp. 1809-1814. Aug 2004.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bondarenko, S., Gan, J., Haver, D. L., and Kabashima, J. N. (2004). Persistence of Selected Organophosphate and Carbamate Insecticides in Waters From a Coastal Watershed. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 23, no. 11, pp. 2649-2654. Nov 2004.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bondareva, N. I. and Khairtdinov, D. G. (1983). On the Susceptibility of Three Species of Anopheles to Ddt and Malathion in Tajikistan. *Meditinskaya Parazitologiya i Parazitarnye Bolezni [MED. PARAZITOL. PARAZIT. BOLEZN.]. Vol. 52, no. 6, pp. 67-69. 1983.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Bonner, M. R., Coble, J., Blair, A., Beane Freeman, L. E., Hoppin, J. A., Sandler, D. P., and Alavanja, M. C. (Malathion Exposure and the Incidence of Cancer in the Agricultural Health Study. *Am j epidemiol. 2007, nov 1; 166(9):1023-34. [American journal of epidemiology]: Am J Epidemiol.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Bookhout, C. G. and Costlow, J. D. Jr. (1976). Effects of Mirex, Methoxychlor, and Malathion on Development of Crabs. *EPA-600/3-76-007, U.S.EPA, Gulf Breeze, FL 85 p.(U.S.NTIS PB-252007) (Publ As 2690, 2662, 7331, 654, 7447).*
Chem Codes: Chemical of Concern: MLN Code: PUBL AS.
- Bordas, A. C., Brady, M. S., Siewierski, M., and Katz, S. E. (1997). In Vitro Enhancement of Antibiotic Resistance Development-Interaction of Residue Levels of Pesticides and Antibiotics. *Journal of food protection 60: 531-536.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, IN VITRO.
- Bossan, D., Wortham, H., and Masclet, P. (1995). Atmospheric Transport of Pesticides Adsorbed on Aerosols I. Photodegradation in Simulated Atmosphere. *Chemosphere 30: 21-29.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bourgeois, D., Gaudet, J., Deveau, P., and Mallet, V. N. (1993). Microextraction of Organophosphorus Pesticides From Environmental Water and Analysis by Gas Chromatography. *Bull environ contam toxicol 50: 433-440.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Bourguet, D., Roig, A., Toutant, J. P., and Arpagaus, M. (1997). Analysis of Molecular Forms and Pharmacological Properties of Acetylcholinesterase in Several Mosquito Species. *Neurochemistry international* 31: 65-72.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Bourquin, A. W. (1977). Degradation of Malathion by Salt-Marsh Microorganisms. *Appl. Environ. Microbiol.* 33: 356-362.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA/FATE.
- Bourquin, A. W. (1977). Effects of Malathion on Microorganisms of an Artificial Salt-Marsh Environment. *J Environ Qual* 6: 373-378.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Boutsiouki, P., Thompson, J. P., and Clough, G. F. (2001). Effects of Local Blood Flow on the Percutaneous Absorption of the Organophosphorus Compound Malathion: a Microdialysis Study in Man. *Archives of Toxicology [Arch. Toxicol.]*. Vol. 75, no. 6, pp. 321-328. Aug 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Boutsiouki Paraskevi and Clough Geraldine F (2004). Modulation of Microvascular Function Following Low-Dose Exposure to the Organophosphorous Compound Malathion in Human Skin in Vivo. *Journal of Applied Physiology [J. Appl. Physiol.]*. Vol. 97, no. 3, pp. 1091-1097. Sep 2004.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Bowman, B. T. and Sans, W. W. (Effect of Temperature on the Water Solubility of Insecticides. *J environ sci health part b pestic food contam agric wastes*; 20 (6). 1985 (recd. 1986). 625-632.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bowmer, K., Korth, W., Thomas, M., and McCorkelle, G. (1994). River Pollution With Agricultural Chemicals. *Roberts, J. And R. Oliver (ed.). The murrumbidgee: past and present* A forum on past and present research on the lower murrumbidgee river, griffith, new south wales, australia, april 199. V+125p. Csiro publications: east melbourne, victoria, australia. Isbn 0-643-05660-2.; 0: 7-19.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Bozsik, A., Francis, F., Gaspar, C., and Haubruge, E. (Effect of Some Insecticides on Acetylcholinesterase From Beneficial Insects: Coccinella Septempunctata, Chrysoperla Carnea and Forficula Auricularia. *Meded rijksuniv gent fak landbouwk toegep biol wet.* 2002; 67(3):671-7. [Mededelingen (rijksuniversiteit te gent. Fakulteit van de landbouwkundige en toegepaste biologische wetenschappen)]: Meded Rijksuniv Gent Fak Landbouwk Toegep Biol Wet.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Bradman, M. A., Harnly, M. E., Goldman, L. R., Marty, M. A., Dawson, S. V., and Dibartolomeis, M. J. (Malathion and Malaoxon Environmental Levels Used for Exposure Assessment and Risk Characterization of Aerial Applications to Residential Areas of Southern California, 1989-1990. *J expo anal environ epidemiol.* 1994 jan-mar; 4(1):49-63. [Journal of exposure analysis and environmental epidemiology]: J Expo Anal Environ Epidemiol.
Chem Codes: Chemical of Concern: MLO Code: MODELING, FATE.
- Brand, R. M., Pike, J., Wilson, R. M., and Charron, A. R. (2003). Sunscreens Containing Physical Uv Blockers Can Increase Transdermal Absorption of Pesticides. *Toxicology and Industrial Health [Toxicol. Ind. Health]*. Vol. 19, no. 1, pp. 9-16. Feb 2003.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Braun, H. E. and Frank, R. (1980). Organochlorine and Organophosphorus Insecticides: Their Use in Eleven Agricultural Watersheds and Their Loss to Stream Waters in Southern Ontario, Canada, 1975-1977. *The Science of The Total Environment* 15: 169-192.
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Braun, H. E., Frank, R., and Ritcey, G. M. (1990). Removal of Organophosphorus Organochlorine and Synthetic Pyrethroid Insecticides and Organochlorine Fungicides From Coverall Fabric by Laundering. *Bull environ contam toxicol* 44: 92-99.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Briggins, D. R. and Moerman, D. E. (1995). Pesticides, Nitrate-N and Bacteria in Farm Wells of Kings County, Nova Scotia. *Water quality research journal of canada* 30: 429-442.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Brogdon, W. G. and Barber, A. M. (1987). Microplate Assay of Acetylcholinesterase Inhibition Kinetics in Single-Mosquito Homogenates. *Pestic biochem physiol* 29: 252-259.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Bromand, B. (On the Problems of Minor Use in Denmark. *Pallutt, w. And h.-H. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 324; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 324); 2nd international symposium on minor uses called by the federal biological research centre for agriculture and forestry, june 11-13, 1996. 145p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3129-x.; 0 (324). 1996. 103-110.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Brower, J. H., Wool, D., and Kamin-Belsky, N. (Genetic Modification of Malathion Resistance in Almond Moth Populations by Immigration of Susceptible Males. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987). 354.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Brown, J. R., Chew, V., and Melson, R. O. (1993). Malathion Aerosol Cloud Behavior in a Coastal Plains Pine Flatwoods. *J am mosq control assoc* 9: 91-93.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Brown, J. R., Chew, V., and Melson, R. O. (1993). Temperature and Flow Rate Effects on Mass Median Diameters of Thermally Generated Malathion and Naled Fogs. *J am mosq control assoc* 9: 232-234.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Brown, J. R., Dukes, J. C., Beidler, E. J., Chew, V., and Ruff, J. (1993). A Comparison of Teflon Slides and the Army Insecticide Measuring System for Sampling Aerosol Clouds. *J am mosq control assoc* 9: 32-35.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Brown, J. R., Melson, R. O., and Breau, T. P. (1992). Degradation of Malathion in Thermally Generated Aerosols. *J am mosq control assoc* 8: 191-192.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Brown, M. A., Petreas, M. X., Okamoto, H. S., Mischke, T. M., and Stephens, R. D. (1993). Monitoring of Malathion and Its Impurities and Environmental Transformation Products on Surfaces and in Air Following an Aerial Application. *Environ sci technol* 27: 388-397.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Brown, S. B., Adams, B. A., Cyr, D. G., and Eales, J. G. (2004). Contaminant Effects on the Teleost Fish Thyroid. *Environ.Toxicol.Chem.* 23: 1680-1701.
Chem Codes: Chemical of Concern:
PCB,PAH,MRX,DDT,EN,ES,MB,CF,HCCH,MLN,FNT,MP,NH,AL,CBF,CBL,CN,Cd,As,Pb,Hg Code:
REVIEW.
- Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.
Chem Codes: Chemical of Concern:

TFN,TPZ,TDP,PYN,PYM,PPB,PPM,Al,Cd,Pb,Hg,PHTH,DXN,FRN,HCB,PCB,BMN,CBL,CBF,AND,A CR,DDT,DCF,DLD,ES,EN,HCCH,TXP,DMT,FNT,MLN,MP,CYH,BFT,FNV,DM,PCL,MBZ,Maneb,Nab am,PDM,PCNB,Zineb,ATZ,Nf,PCP,ACO,DCPA,EFX,BMC,CTZ,FNB,FPN Code: REVIEW.

Brusle, J. (1991). The Eel (*Anguilla* Sp.) And Organic Chemical Pollutants. *Sci total environ* 102: 1-20.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Brussaard, J. H., Van Dokkum W, Van, D. E. R. Paauw Cg, De, V. O. S. Rh, De Kort W L Am, and Lowik, M. Rh (1996). Dietary Intake of Food Contaminants in the Netherlands (Dutch Nutrition Surveillance System). *Food additives and contaminants* 13: 561-573.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Bryden, P. A., McKnight, R. H., and Westneat, S. C. (2005). Using U.s. Poison Control Center Records to Identify Bystander Pesticide Exposures: a One-Year Surveillance of Four Southeastern States. *Journal of Agricultural Safety and Health [J. Agric. Saf. Health]*. Vol. 11, no. 2, pp. 159-166. May 2005.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Budnik, K., Laing, M. D., and Da Graca Jv (1996). Reduction of Yield Losses in Pepper Crops Caused by Potato Virus Y in Kwazulu-Natal, South Africa, Using Plastic Mulch and Yellow Sticky Traps. *Phytoparasitica* 24: 119-124.
Chem Codes: Chemical of Concern: MLN Code: VIRUS.

Bueno, D. E. Mesquita Hb, Doornbos, G., Van, D. E. R. Kuip D Am, Kogevinas, M., and Winkelmann, R. (1993). Occupational Exposure to Phenoxo Herbicides and Chlorophenols and Cancer Mortality in the Netherlands. *Am j ind med* 23: 289-300.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Buratti, F. M. and Testai, E. (Malathion Detoxification by Human Hepatic Carboxylesterases and Its Inhibition by Isomalathion and Other Pesticides. *J biochem mol toxicol*. 2005; 19(6):406-14. [*Journal of biochemical and molecular toxicology*]: *J Biochem Mol Toxicol*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Burguera, J. L. and Burguera, M. (1986). Determination of Some Organophosphorus Insecticides by Flow Injection With a Molecular Emission Cavity Detector. *Analytica Chimica Acta* 179: 497-502.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Burridge, L. E. and Haya, K. (1987). The Use of a Fugacity Model to Assess Risk to Aquatic Animals of Agricultural Pesticides Uses on Prince Edward Island Canada. *Thirteenth annual aquatic toxicity workshop, moncton, new brunswick, canada, november 12-14, 1986. Can tech rep fish aquat sci* 0: 136-140.
Chem Codes: Chemical of Concern: MLN Code: MODELING.

Burt, J. S. and Ebell, G. F. (1995). Organic Pollutants in Mussels and Sediments of the Coastal Waters Off Perth, Western Australia. *Marine pollution bulletin* 30: 723-732.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Bush, P. B. (Pesticide Residue Monitored in Feed. *Poult dig*; 44 (526). 1985 (recd. 1986). 527.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Bustos-Obregon, E. and Abarca, M. (1997). Effect of Organophosphoric Agropesticides on Spermatogenesis. *Vith international congress of andrology, salzburg, austria, may 25-29, 1997. International journal of andrology* 20: 64.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Butani, P. G. and Mittal, V. P. (1992). Control of Bitter Gourd Fruit Flies Through Poison Bait Prepared From

- Conventional Insecticides. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 267.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Butcher, J. B. (1997). Toxics Zoning for Reservoir Source Water Protection. *Lake and reservoir management* 13: 281-291.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Byrdy, F. A. and Caruso, J. A. (1994). Elemental Analysis of Environmental Samples Using Chromatography Coupled With Plasma Mass Spectrometry. *Environmental science & technology* 28: 528a-532a, 534a.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Byrne, C. D. (1988). Selection of Substances Requiring Priority Action. *Richardson, m. L. (Ed.). Risk assessment of chemicals in the environment* Third european conference, guilford, england, uk, july 11-14, 1988. Xxi+579p. Royal society of chemistry: london, england, uk. Illus. Maps. Isbn 0-85186-118-0.; 0: 414-434.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Cabello, G., Quaas, A. F., Vilaxa, A., and Hrepic, N. (1990). Cholinesterase Inhibitors and Mammary Gland Development. *15th international cancer congress, hamburg, germany, august 16-22, 1990. J cancer res clin oncol* 116: 21.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Cabello, G., Vilaxa, A., Laime, D., and Hrepic, N. (1997). Site of Action of Malathion Cholinesterase Inhibitor as a Cancer Inducer. *2nd world congress on advances in oncology, athens, greece, october 16-18, 1997. International journal of oncology* 11: 891.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cabras, P., Garau, V. L., Angioni, A., Farris, G. A., Budroni, M., and Spanedda, L. (1995). Interactions During Fermentation Between Pesticides and Oenological Yeasts Producing H₂s and So₂. *Applied microbiology and biotechnology* 43: 370-373.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Cabras, P., Garau, V. L., Melis, M., Pirisi, F. M., and Tuberoso, C. Ig (1995). The Effect of Clarifying Substances on Organophosphorous Insecticide Residues in Wine. *Journal of wine research* 6: 201-205.
Chem Codes: Chemical of Concern: MLN Code : METHODS, NO TOX DATA.
- Cagampan, S., Zaruk, D., Struger, J., and Backus, S. M. (2003). Determination of Organophosphates Used for Mosquito Control in Precipitation in an Urban Area.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Cahill, Thomas M. and Mackay, Donald (2003). A High-Resolution Model for Estimating the Environmental Fate of Multi-Species Chemicals: Application to Malathion and Pentachlorophenol. *Chemosphere* 53: 571-581.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Cain, B. W. (1988). Wintering Waterfowl Habitat in Texas: Shrinking and Contaminated. In: *M.W.Weller (Ed.), Waterfowl in Winter, Symp, Jan.7-10, 1985, Galveston, TX, Univ. of MN Press, Minneapolis, MN* 583-596.
Chem Codes: Chemical of Concern:
Sb,Pb,Hg,Cd,As,Ni,Mn,Cu,Co,Cr,Ba,Al,PYR,NAPH,FLU,FA,ANT,ACE,DPDP,PRN,MP,MLN,DZ,TXP, MXC,24D,AND,CHD,DDT,DLD,EN,HPT,HCCH Code: REFS CHECKED/REVIEW.
- Cain, B. W. (Wintering Waterfowl Habitat in Texas Usa Shrinking and Contaminated. *Weller, m. W. (Ed.). Waterfowl in winter; symposium, galveston, texas, usa, january 7-10, 1985. Xx+624p. University of minnesota press: minneapolis, minnesota, usa. Illus. Maps. Isbn 0-8166-1571-3(paper); isbn 0-8166-1570-5(cloth).; 0 (0). 1988. 583-596.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Cain, R. B. and Head, I. M. (1991). Enhanced Degradation of Pesticides Its Biochemical and Molecular Biological Basis. *Walker, a. (Ed.). British crop protection council monograph, no. 47. Pesticides in soils and water: current perspectives* Symposium, coventry, england, uk, march 25-27, 1991. ix+233p. British crop protection council: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-51-5.; 0: 23-40.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Cairns, T., Chiu, K. S., Navarro, D., and Siegmund, E. (1993). Multiresidue Pesticide Analysis by Ion-Trap Mass Spectrometry. *Rapid communications in mass spectrometry* 7: 971-988.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Calvet, R. (1989). Adsorption of Organic Chemicals in Soils. *Environ health perspect* 83: 145-178.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Camel, V. (1997). The Determination of Pesticide Residues and Metabolites Using Supercritical Fluid Extraction. *Trends in analytical chemistry* 16: 351-369.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Camel, V. (1998). Supercritical Fluid Extraction as a Useful Method for Pesticides Determination. *Analisis* 26: M99-m111.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Camel, V. and Bermond, A. (1998). The Use of Ozone and Associated Oxidation Processes in Drinking Water Treatment. *Water research* 32: 3208-3222.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Campanella, L., Cocco, R., Sammartino, M. P., and Tomassetti, M. (1992). A New Enzyme Inhibition Sensor for Organophosphorus Pesticides Analysis. *Fourth international workshop on chemical, biological and ecotoxicological behaviour of pesticides in the soil environment, rome, italy, may 29-31, 1991. Sci total environ* 123-124: 1-16.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Campanella, L., De Luca S, Sammartino, M. P., and Tomassetti, M. (1999). A New Organic Phase Enzyme Electrode for the Analysis of Organophosphorus Pesticides and Carbamates. *Analytica chimica acta* 385: 59-71.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Cantilli, R. (Drinking Water Health Advisory for Malathion. *Govt reports announcements & index (gra&i), issue 09, 2092.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW,HUMAN HEALTH.
- Capt, A., Luzy, A. P., Esdaile, D., and Blanck, O. (2007). Comparison of the Human Skin Grafted onto Nude Mouse Model with In Vivo and In Vitro Models in the Prediction of Percutaneous Penetration of Three Lipophilic Pesticides. *Regul.Toxicol.Pharmacol.* 47: 274-287.
Chem Codes: Chemical of Concern: MLN,DDVP,CYP Code: HUMAN HEALTH.
- Careri, M., Manini, P., and Maspero, M. (1994). Liquid Chromatography-Mass Spectrometry in Environmental Analysis. *Annali di chimica* 84: 475-508.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Carlson, C. A. and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. *Au - Beyers Dw. Environ toxicol chem* 10: 1425-1430.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Carlton, W. W. (Third Symposium on Prophylaxis and Treatment of Chemical Poisoning Stockholm Sweden April 22-24 1985. *Fundam appl toxicol*; 5 (6 part 2). 1985 (recd. 1986). S1-s279.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Carter, M. K. and Maddux, B. (Interaction of Dichlorvos and Anticholinesterases on the in Vitro Inhibition of Human Blood Cholinesterases. *Toxicology and applied pharmacology*, vol. 27, pages 456-463, 24 references, 1974/1974.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Carvalho, F. P., Fowler, S. W., Gonzelez-Farias, F., Mee, L. D., and Readman, J. W. (1996). Agrochemical Residues in the Altata-Ensenada Del Pabellon Coastal Lagoon (Sinaloa, Mexico): a Need for Integrated Coastal Zone Management. *International journal of environmental health research* 6: 209-220.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Casanova, J. A. (1996). Use of Solid-Phase Extraction Disks for Analysis of Moderately Polar and Nonpolar Pesticides in High-Moisture Foods. *Journal of aoac international* 79: 936-940.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Castella, J. C., Jourdain, D., Trebuil, G., and Napompeth, B. (1999). A Systems Approach to Understanding Obstacles to Effective Implementation of IpM in Thailand: Key Issues for the Cotton Industry. *Agriculture ecosystems & environment* 72: 17-34.

Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Ceballo, F. A. and Morallo-Rejesus, B. (Admixture and Residual Toxicity of Some Selected Insecticides Against Five Coleopterous Storage Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 351.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Chandrasekharam, V. and Srikanth, N. S. (1986). In-Vitro Combinational Influence of Bhc and Malathion on the Acetylcholinesterase Activity in the Muscle Tissue of the Fish Tilapia-Mossambica. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 245.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chang, C. K. and Whalon, M. E. (1987). Substrate Specificities and Multiple Forms of Esterases in the Brown Planthopper, Nilaparvata Lugens (Stal). *Pesticide Biochemistry and Physiology* 27: 30-35.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chang, S. K., Williams, P. L., Dauterman, W. C., and Riviere, J. E. *. (1994). Percutaneous Absorption, Dermatopharmacokinetics and Related Bio-Transformation Studies of Carbaryl, Lindane, Malathion, and Parathion in Isolated Perfused Porcine Skin. *Toxicology. Vol. 91, no. 3, pp. 269-280. 1994.*

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chao Li-Ching and Lio Sin-Chung (1993). Resistance of Housefly, Musca Domestica L., To Dichlorvos, Malathion, Pirimiphos-Methyl and Propoxur in Lo-Tung Area. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 13, no. 1, pp. 17-25. 1993.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Chapalamadugu, S. and Chaudhry, G. R. (1992). Microbiological and Biotechnological Aspects of Metabolism of Carbamates and Organophosphates. *Crit rev biotechnol* 12: 357-389.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Chaturvedi, L. D. and Saxena, V. P. (1983). Quantitative Measure of Lindane and Malathion Residues in Some Tissues of Channa Punctatus. *Toxicol.Lett.* 18: 156.

Chem Codes: Chemical of Concern: HCCH,MLN Code: ABSTRACT.

Chaturvedi L. D. and Saxena V. P. (Quantitative Measurements of Lindane and Malathion Residues in Some Tissues of Channa Punctatus. *Toxicology Letters* 18: 156.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Cheema, A. A., Shah, F. H., and Shakoory, A. R. (Kinetics of Inhibition of Acetylcholinesterase of Goat Brain Homogenate by Malaoxon. *Pak j zool*; 17 (4). 1985 (recd. 1987). 373-380.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Chen Hon-Cheng (2001). Studies on Water Quality Criteria of Pesticides for Farming Black Tiger Shrimp *Penaeus Monodon*. *6th Asian Fisheries Forum Book of Abstracts*. p. 46. 2001.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Chen, W. and Mulchandani, A. (1998). The Use of Live Biocatalysts for Pesticide Detoxification. *Trends in biotechnology* 16: 71-76.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Chen, W. L. and Sun, C. N. (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, *Nilaparvata Lugens Stal*. *Insect biochemistry and molecular biology* 24: 347-355.

Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Chen Wen-Lin and Sun Chih-Ning* (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, *Nilaparvata Lugens Staal*. *Insect Biochemistry and Molecular Biology [INSECT BIOCHEM. MOL. BIOL.]*. Vol. 24, no. 4, pp. 347-355. 1994.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chen, X. Y., Shao, J. Z., Xiang, L. X., and Liu, X. M. (2006). Involvement of Apoptosis in Malathion-Induced Cytotoxicity in a Grass Carp (*Ctenopharyngodon idellus*) Cell Line. *Comp.Biochem.Physiol.C* 142: 36-45.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chen, X. Y., Shao, J. Z., Xiang, L. X., and Liu, X. M. (2006). Involvement of Apoptosis in Malathion-Induced Cytotoxicity in a Grass Carp (*Ctenopharyngodon Idellus*) Cell Line. *Comp.Biochem.Physiol.C* 142: 36-45.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Chernyak, S. M., Rice, C. P., and McConnell, L. L. (1996). Evidence of Currently-Used Pesticides in Air, Ice, Fog, Seawater and Surface Microlayer in the Bering and Chukchi Seas. *Marine pollution bulletin* 32: 410-419.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Chhonkar, P. K. and Rao, D. Ln (1996). Soil Biology and Biochemistry in Relation to Land Degradation and Environmental Pollution. *Biswas, t. D. And g. Narayanasamy (ed.). Indian society of soil science bulletin, no. 17. Soil management in relation to land degradation and environment Symposium, dehradun, india, october 8-9, 1993. Ii+167p. Indian society of soil science: new delhi, india.; 0: 133-147.*

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of a Series of Branched-Chain Homologs of Diethyl Malaoxon and Acetoxon With Acetylcholinesterase. *Biochemical Pharmacology* 18: 1665-1671.

Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.

Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of the Optical Isomers of O,O-Diethyl Malaoxon and the Geometric Isomers of Phosdrin With Acetylcholinesterase. *Biochemical Pharmacology* 18: 359-364.

Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.

Chiu, Y. C. and Dauterman, W. C. (Effect of Tetraethylammonium Ions on the Affinity and Phosphorylation or Carbamylation Constants of Malaoxon, Tetram and Temik With Acetylcholinesterase. *Biochem. Pharmacol*; 19(5), 1856-7; (ref:6).

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

- Chiu, Y. C., Main, A. R., and Dauterman, W. C. (1969). Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochemical Pharmacology* 18: 2171-2177.
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C., Main, A. R., and Dauterman, W. C. (Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochem. Pharmacol.*; 18(9): 2171-7, 1969; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C., Tripathi, R., and O'brien, R. D. (Differences in Reactivity of Four Butyrylcholinesterase Isozymes Towards Substrate and Inhibitors. *Biochem. Biophys. Res. Commun.* ; 46(1): 35-42; 1972 ; (ref:16).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Chiu, Y. C., Tripathi, R., and O'brien, R. D. (A Ge -Scanning Method for Kinetic Studies on an Acetylcholinesterase Isozyme. *Anal. Biochem.*; 45(2): 480-487; 1972 ; (ref:21).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Cho, Y., Matsuoka, N., and Kamiya, A. (1997). Determination of Organophosphorus Pesticides in Biological Samples of Acute Poisoning by Hplc With Diode-Array Detector. *Chemical & pharmaceutical bulletin (tokyo)* 45: 737-740.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Choi, H., Moreau, J. P., and Srinivasan, M. (1994). Cleanup of Agrochemical Spills Using Cotton Sorbents. *Journal of environmental science and health part a environmental science and engineering* 29: 2151-2168.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Christensen, G. M. and Olson, D. L. (1981). Effect of Water Pollutants and Other Chemicals Upon Ribonuclease Activity in Vitro. *Environmental Research* 26: 274-280.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Chu, W., Choy, W. K., and Hunt, J. R. (2005). Effects of Nonaqueous Phase Liquids on the Washing of Soil in the Presence of Nonionic Surfactants. *Water Research* 39: 340-348.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Chukwudebe, A. and Fukuto, T. R. (1986). Photoalteration of Some Phosphorothioate Insecticides. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Chukwudebe, A., March, R. B., Othman, M., and Fukuto, T. R. (1989). Formation of Trialkyl Phosphorothioate Esters From Organophosphorus Insecticides After Exposure to Either Uv Light or Sunlight. *J agric food chem* 37: 539-545.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Chung, Y., Shin, D., Park, S., Lim, Y., Choi, Y., Cho, S., Yang, J., Hwang, M., Park, Y., and Lee, H. (1997). Risk Assessment and Management of Drinking Water Pollutants in Korea. *Water science and technology* 36: 309-323.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Clark, E. R. and Qazi, I. A. (1980). Evaluation of the Modified Colourimetric Method for the Determination of Malathion: Its Application to the Analysis of Malathion Residues in Water. *Water Research* 14: 1037-1040.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Clark, E. R. and Qazi, I. A. (1979). Modified Colorimetric Method for the Determination of Malathion. *Analyst* 104: 1129-1134.
Chem Codes: EcoReference No.: 100919
 Chemical of Concern: MLN Code: METHODS.
- Clark, J. R. (Mosquito Control Pesticides: Adverse Impacts to Freshwater Aquatic and Marine Organisms. *Govt reports announcements & index (gra&i), issue 18, 2092.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Clark, J. R. (1991). Mosquito Control Pesticides: Adverse Impacts to Freshwater Aquatic and Marine Organisms. *In: T.C.Emmel and J.C.Tucker (Eds.), Mosquito Control Pesticides: Ecological Impacts and Management Alternatives, EPA/600/A-92/122, Gulf Breeze, FL 33, 39 (NTIS PB92-1295890).*
Chem Codes: Chemical of Concern: MLN,FNTH,Naled,TMP Code: REFS CHECKED/REVIEW.
- Clark, R. B. (1992). Marine Pollution Third Edition. *Clark, r. B. Marine pollution, third edition. Xii+172p. Oxford university press: oxford, england, uk New york, new york, usa. Isbn 0-19-854686-6.; 0: Xii+172p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Clark, R. B., Frid, C., and Attrill, M. (Marine Pollution Fourth Edition. *Clark, r. B., C. Frid and m. Attrill. Marine pollution, fourth edition. X+161p. Clarendon press: oxford, england, uk. Isbn 0-19-850070-x(cloth); isbn 0-19-850069-6(paper).; 0 (0). 1997. X+161p.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Clemedson, C. and Ekwall, B. (1999). Overview of the Final Meic Results: I. The in Vitro-in Vitro Evaluation. *Toxicology in vitro* 13: 657-663.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Clyne, R. M. (1972). Relative Safety of Malathion. *New England J.Med.* :824 p.
Chem Codes: Chemical of Concern: PRN,MLN Code: NO TOX DATA.
- Coats, J. R. (Toxicology of Pesticide Residues in Foods. *Hathcock, j. N. (Ed.). Nutrition: basic and applied science: a series of monographs: nutritional toxicology, vol. Ii. Xv+300p. Academic press: san diego, california, usa; academic press inc. (London) ltd.: London, england, uk. Illus. Isbn 0-12-332602-8.; 0 (0). 1987. 249-280.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Coburn, C. B. and Friedman, A. A. (1976). Conventional Bioassay and Tissue Bioassay of Zinc Cyanide, Sodium Cyanide and Malathion. *J.Tenn.Acad.Sci.* 51: 59 (ABS).
Chem Codes: Chemical of Concern: MLN,CN,Zn Code: ABSTRACT.
- Cochran, D. G. (1988). Insecticide Resistance in the German Cockroach. *Seventy-fifth annual meeting of the international association of milk, food and environmental sanitarians, tampa, florida, usa, july 31-august 4, 1988. J food prot* 51: 833.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cochrane, B. J., Hargis, M., Crocquet, D. E. Belligny P, Holtsberg, F., and Coronella, J. (1992). Evolution of Glutathione S-Transferases Associated With Insecticide Resistance in Drosophila. *Mullin, c. A. And j. G. Scott (ed.). Acs (american chemical society) symposium series, vol. 505. Molecular mechanisms of insecticide resistance: diversity among insects* 202nd national meeting of the american chemical society, new york, new york, usa, august 25-30, 1991. Xiii+322p. American chemical society: washington, dc, usa. Isbn 0-8412-2474-9.; 0: 53-70.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Coffi, A. (1992). Republic of Benin the Acridid Situation in the Republic of Benin. *Lomer, c. J. And c. Prior (ed.). Biological control of locusts and grasshoppers Workshop, cotonou, benin, april 29-may 1, 1991. Xii+394p.*

C.a.b. International: wallingford, england, uk; international institute of tropical agriculture: ibadan, nigeria.
Isbn 0-85198-779-6.; 0: 86-89.

Chem Codes: Chemical of Concern: MLN Code : REVIEW.

Cogburn, R. R., Simonaitis, R. A., and Webb, B. D. (1990). Fate of Malathion and Chlorpyrifos Methyl in Rough Rice and Milling Fractions Before and After Parboiling and Cooking. *J econ entomol* 83: 1636-1639.

Chem Codes: Chemical of Concern: MLN Code : NO SPECIES (DEAD).

Cohen, S., Svrjcek, A., Durborow, T., and Barnes, N. L. (1999). Water Quality Impacts by Golf Courses. *Journal of environmental quality* 28: 798-809.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Cohen, S. D. (Organo Phosphate Toxicity and Interactions in Northern Grass Frogs Rana-Pipiens. *Burford, r. G. International congress on toxicology. Abstracts. Toronto, ontario, canada. 52p. International congress on toxicology: toronto, ontario, canada.; 1977 34.*

Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.

Cohen, S. D., Callaghan, J. E., and Murphy, S. D. (Investigation of Multiple Mechanisms for Potentiation of Malaoxon by Tri-O Toly Phosphates. *Toxicol appl pharmacol*; 22 (2). 1972 300.

Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.

Cohen, S. D. and Murphy, S. D. (Inactivation of Malaoxon by Mouse Liver and Effect of Triorthotolyl Phosphate. *Pharmacologist*; 13 (2). 1971 288.

Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.

Cohen, S. D. and Murphy, S. D. (A Simplified Bioassay for Predicting Organophosphate Potentiation. *Toxicol. Appl. Pharmacol.*25(3): 483; 1973.

Chem Codes: Chemical of Concern: MLO Code : IN VITRO.

Cohen, Steven D., Williams, Rebecca A., Killinger, Joanne M., and Freudenthal, Ralph I. (1985). Comparative Sensitivity of Bovine and Rodent Acetylcholinesterase to in Vitro Inhibition by Organophosphate Insecticides. *Toxicology and Applied Pharmacology* 81: 452-459.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Colt, J. S., Zahm, S. H., Camann, D. E., and Hartge, P. (1998). Comparison of Pesticides and Other Compounds in Carpet Dust Samples Collected From Used Vacuum Cleaner Bags and From a High-Volume Surface Sampler. *Environmental health perspectives* 106: 721-724.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Comm Pestic Formulation Disinfect Usa (1991). General Referee Reports Committee on Pesticide Formulations and Disinfectants 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 107-110.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Comm Residues (1993). General Referee Reports Committee on Residues Aoac International Annual Meeting Cincinnati Ohio Usa August 31-September 2 1992. *J aoac (assoc off anal chem) int* 76: 142-149.

Chem Codes: Chemical of Concern: MLN Code : REVIEW.

Conte, E. D. and Barry, E. F. (1993). Alkali Flame Ionization Detector for Gas Chromatography Using an Alkali Salt Aerosol as the Enhancement Source. *J chromatogr* 644: 349-355.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Contreras, H. R. and Busto-Obregon, E. (1996). Effect of an Organophosphate Insecticide on the Testis Epididymis and Preimplantational Development and Pregnancy Outcome in Mice. *First congress of the spanish society of developmental biology and international workshop on developmental approaches in cancer biology,*

- leioa, spain, december 9-13, 1996. *International journal of developmental biology* 0: 207s-208s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Conyers, Simon T. and Bell, Christopher H. (1996). The Effect on the Mortality of Adult *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae), *Sitophilus Granarius* (L.) (Coleoptera: Curculionidae) and *Oryzaephilus Surinamensis* (L.) (Coleoptera: Silvanidae) of Interrupting Low Oxygen Exposures With Periods of Elevated Oxygen. *Journal of Stored Products Research* 32: 187-194.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Cook, J., Engel, M., Wylie, P., and Quimby, B. (1999). Multiresidue Screening of Pesticides in Foods Using Retention Time Locking, Gc-Aed, Database Search, and Gc-Ms Identification. *Journal of aoac international* 82: 313-326.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Cooper, J. F., Wynn, N. R., Deuse, J. P. L., Coste, C. M., Zheng, S. Q., and Schiffers, B. C. (1997). Impact of Insecticides on Wild Fauna: A Proposed Toxicity Index. *Meded.Fac.Landbouwk.Rijksuniv.Race* 62: 599-606.
Chem Codes: Chemical of Concern:
PRT,PHSL,PPHD,PIM,PIRM,PFF,PTP,PPX,PRB,RTN,SFT,SPS,TFT,TMP,TBO,TMT,TDC,TLM,TCF,H
PT,HFR,IMC,IZF,IFP,LCYT,HCCCH,MLN,MTM,MDT,MOM,MTPN,MXC,Naled,OMT,OML,OXD,PRN,
MP,PCB,PMR,PTR,CYH,CYP,CHT,CYR,DD,DZM,DDT,DM,DEM,DZ,DDVP,DLD,DFZ,DMT,DS,ES,
EFV,ETN,FNT,FPP,FNTH,FNV,FPN,FCX,FYT,FVL,FNP,ABM,ACP,ADC,AND,ATN,AMZ,AZM,AZ,B
DC,BCY,BFT,BRSM,BPZ,CBL,CBF,CHD,CLP,CPY,CPYM,CMPH,CST,CYF,CYR Code: REFS
CHECKED/REVIEW.
- Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Insecticides Inhibiting Acetylcholinesterase. *In: The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 99-140.
Chem Codes: Chemical of Concern: AZ,CPY,DZ,DMT,MLN,PRN,PSM,CBL,CBF Code: REVIEW.
- Cordle, M. K. (1988). Usda Regulation of Residues in Meat and Poultry Products. *J anim sci* 66: 413-433.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Corson, M. S., Mora, M. A., and Grant, W. E. (1998). Simulating Cholinesterase Inhibition in Birds Caused by Dietary Insecticide Exposure. *Ecological modelling* 105: 299-323.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Cotham, W. E Jr and Bidleman, T. F. (1989). Degradation of Malathion Endosulfan and Fenvalerate in Seawater and Seawater-Sediment Microcosms. *J agric food chem* 37: 824-828.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Coulanges, P., Clerc, Y., and Randrianantoanina, E. (1982). (Study of *Xenopsylla Cheopis* and *Synopsyllus Fonquerniei*, Malagasy Plague Fleas -- Evidence of Their Resistance to Ddt, Dieldrin and Malathion.). *Archives de l'Institut Pasteur de Madagascar [ARCH. INST. PASTEUR MADAGASCAR.]*. Vol. 49, no. 1, pp. 171-192. 1982.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Coulibaly, K. and Jeon, I. J. (1996). An Overview of Solid-Phase Extraction of Food Flavor Compounds and Chemical Residues. *Food reviews international* 12: 131-151.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Counc, S. C. I. Aff Usa (1988). Cancer Risk of Pesticides in Agricultural Workers. *Jama (j am med assoc)* 260: 959-966.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Cowell, D. C., Abass, A. K., Dowman, A. A., Hart, J. P., Pemberton, R., and Young, S. (1998). Screen-Printed

Disposable Biosensors for Environmental Pollution Monitoring. *International association for great lakes research. 41st conference of the international association for great lakes research Meeting*, hamilton, ontario, canada, may 18-22, 1998. 160p. International association for great lakes research: ann arbor, michigan, usa.; 0: 33-34.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Cox, P. D., Parish, W. E., and Beirne, M. A. (1989). Variations in the Refuge-Seeking Behaviour of Four Strains of *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae) at Different Temperatures. *Journal of Stored Products Research* 25: 239-242.

Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Crammer, M. and Peoples, A. (Determination of Trace Quantities of Anticholinesterase Pesticides in Air and Water. *Bioassay techniques and environmental chemistry*, pages 367-381, 8 references, 1973/1973.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Cranmer, M. and Peoples, A. (1973). Determination of Trace Quantities of Anticholinesterase Pesticides. *Analytical Biochemistry* 55: 255-265.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Crepeau, K. L., Kuivila, K. M., and Bergamaschi, B. (Dissolved Pesticides in the Alamo River and the Salton Sea, California, 1996-1997. *Govt reports announcements & index (gra&i)*, issue 09, 2006.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Crepeau, K. L., Walker, G., and Winterlin, W. (1990). Effects of Laboratory Lighting on the Stability of Analytical Grade Pesticides. *Bull environ contam toxicol* 45: 446-451.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Crescenzi, C., Di Corcia a, Guerriero, E., and Samperi, R. (1997). Development of a Multiresidue Method for Analyzing Pesticide Traces in Water Based on Solid-Phase Extraction and Electrospray Liquid Chromatography Mass Spectrometry. *Environmental science & technology* 31: 479-488.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Cripe, G. M. and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Comparison of the Sensitivity of Post Larvae of Pink Shrimp, *Penaeus Duorarum* and Mysids *Mysidopsis Bahia* to Selected Chemicals. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book*. vp. 1993.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Cui, F., Qu, H., Cong, J., Liu, X. L., and Qiao, C. L. (Do Mosquitoes Acquire Organophosphate Resistance by Functional Changes in Carboxylesterases? *Faseb j.* 2007, nov; 21(13):3584-91. [*The faseb journal : official publication of the federation of american societies for experimental biology*]: FASEB J.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Cunha Bastos, V. L. F., Cunha Bastos, J., Lima, J. S., and Castro Faria, M. V. (1991). Brain Acetylcholinesterase as an in Vitro Detector of Organophosphorus and Carbamate Insecticides in Water. *Water Research* 25: 835-840.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Cutkomp, L. K., Yap, H. H., Cheng, E. Y., and Koch, R. B. (1971). Atpase Activity in Fish Tissue Homogenates and Inhibitory Effects of Ddt and Related Compounds. *Chemico-Biological Interactions* 3: 439-447.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Da Silva, R. C., Zuin, V. G., Yariwake, J. H., Eberlin, M. N., and Augusto, F. (Fiber Introduction Mass Spectrometry: Determination of Pesticides in Herbal Infusions Using a Novel Sol-Gel Pdms/Pva Fiber for Solid-Phase Microextraction. *J mass spectrom.* 2007, jun; 42(6):825-9. [*Journal of mass spectrometry* :

- jms]: *J Mass Spectrom.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Dagayev, V. N., Iskandarov, A. I., Luzhnikov, Y. e. A., Gorin, E. E., Lisovik, Z. h. A., and Yelkov, A. N. (1990). Expert Criteria in Assessing Severity of Acute Chemical Poisoning With Organophosphorus Insecticides. *SUD.-MED. EKSP. Vol. 33, no. 2, pp. 28-30. 1990.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Dahm, P. A. (Chemistry and Metabolism of Insecticides. *Water quality proceeding conference, 1969, pages 167-182, 61 references, 1970*1970 .
Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Dahm, P. A., Kopecky, B. E., and Walker, C. B. (1962). Activation of Organophosphorus Insecticides by Rat Liver Microsomes. *Toxicology and Applied Pharmacology* 4: 683-696.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Daimon, H. and Hirata, Y. (1994). Direct Coupling of Capillary Supercritical Fluid Chromatography With Supercritical Fluid Extraction Using Modified Carbon Dioxide. *Hrc journal of high resolution chromatography* 17: 809-813.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Dale, D. and Heinrichs, E. A. (1998). Crop-Insecticide Interactions. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).*340. 314-340.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dana, M. N. (1989). The American Cranberry Industry. *Fourth international symposium on vaccinium culture, east lansing, michigan, usa and madison, wisconsin, usa, august 13-17, 1988. Acta hort (wageningen)* 0: 287-294.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Das, R. C. and Das, N. (1990). Micronucleus Test in the Peripheral Erythrocytes of an Indian Carp, Labeo Rohita (Hamilton). *Uttar pradesh j zool* 10: 23-29.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Daugherty, M. L., Watson, A. P., and Vo-Dinh, A. (1992). Currently Available Permeability and Breakthrough Data Characterizing Chemical Warfare Agents and Their Simulants in Civilian Protective Clothing Materials. *J hazard mater* 30: 243-267.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dauterive, L. Jr and Speidel, H. K. (1976). Effects of Synthetic Organic Pesticides on Growth of Estuarine Microorganisms. *Dev. Ind. Microbiol. Vol. 17, pp. 305-310. 1976.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Davila, G. H. (1987). Regional Program on Chemical Safety Rpcs Document Presented to the Xxii Pan American Sanitary Conference. *Pan am health organ environ ser* 0: I-iv, 1-36.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Davis-Hoover, W. and Kaake, R. (Site Technology Capsule. J.r. Simplot Ex-Situ Bioremediation Technology: Dinoseb. *Govt reports announcements & index (gra&i), issue 02, 2096.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Davis Ryan S, Peterson Robert KD, and Macedo Paula A (2007). An Ecological Risk Assessment for Insecticides

- Used in Adult Mosquito Management. *Integrated Environmental Assessment and Management [Integr. Environ. Assess. Manage.]*. Vol. 3, no. 3, pp. 373-382. Jul 2007.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Day, B. L., Sharma, J. M., Walser, M. M., Andersen, D. E., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). The Ring Necked Pheasant as an Immunologic Biomonitor With Emphasis on the Evaluation of Malathion. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book*. vp. 1993.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Day, K. E. (1991). Pesticide Transformation Products in Surface Waters. Effects on Aquatic Biota. In: *I.Somasundaram and J.R.coats (Eds.), 200th Natl.Meet., Pesticide Transformation Products.Fate and Significance in the Environment, Aug.26-31, 1990, ACS (Am.Chem.Soc.), Washington, DC 217-241.*
Chem Codes: Chemical of Concern: CBL,ADC,MLN,FNT,AND,DDT,ES,ES1,ES2,ES3,PMR,ATZ,PPN,TPR,TBTO Code: REVIEW.
- De Castro, A., Rosenbaum, E., Anguiano, O., Venturino, A., and Pechen, D. E. D'angelo Am (1999). Comparative Toxicity and Metabolism of Malathion in Bufo Arenarum Embryos. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 120.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De Guise, S., Maratea, J., and Perkins, C. (2005). Toxicity of Pesticides Used to Control Mosquitoes on Adult American Lobsters, Homarus Americanus. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 2, p. 650. Aug 2005.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De, L. A. Colina C, Pena, A., Mingorance, M. D., and Sanchez Zrasero F (1996). Influence of the Solid-Phase Extraction Process on Calibration and Performance Parameters for the Determination of Pesticide Residues in Water by Gas Chromatography. *Journal of chromatography a* 733: 275-281.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- De Oliveira, J. V. and De Batista, G. C. (1981). Toxicity Evaluation of Insecticides to Callosobruchus Maculatus (Fabricius, 1775) (Coleoptera, Bruchidae), Using Topical Application and Filter Paper Impregnation Techniques. *Anais de Sociedade Entomologica do Brasil [AN. SOC. ENTOMOL. BRAS.]*. Vol. 10, no. 1, pp. 119-127. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- De Smedt, A., Ooms, D., Van Den Heuvel, R., and Schoeters, G. (1998). Immunotoxicity of Environmentals: an Earthworm Model for Sublethal Damage. *Toxicology Letters* 95: 176.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De Sousa, G., Fontaine, F., Pralavorio, M., Botta-Fridlund, D., Letreut, Y., Rahmani, R. *, Marano, F. M., Benford, D. J., Castell, J. V., and Reinhardt, C. h. A. (eds) (1997). Insecticide Cytotoxicity and Cyp1a1/2 Induction in Primary Human and Rat Hepatocyte Cultures. *Toxicology in vitro [Toxicol. in vitro]*. Vol. 11, no. 5, pp. 451-457. Oct 1997.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- De Vaney, J. A. (1986). Ectoparasites. *Poult.Sci.* 65: 649-656.
Chem Codes: Chemical of Concern: CPY,DDVP,TVP,CBL,MLN,PMR,CMPH Code: REFS
 CHECKED/REVIEW.
- Decker, Walter J., Combs, Harold F., and Corby, Donald G. (1968). Adsorption of Drugs and Poisons by Activated Charcoal. *Toxicology and Applied Pharmacology* 13: 454-460.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Degraeve, N., Gilot-Delhalle, J., Moutschen, J., Moutschen-Dahmen, M., Colizzi, A., Chollet, M., and Houbrechts, N. (1980). Comparison of the Mutagenic Activity of Organophosphorous Insecticides in Mouse and in the Yeast *Schizosaccharomyces pombe*. *Mutat.Res.* 74: 201-202 (ABS).
Chem Codes: Chemical of Concern: DDVP,TCF,FNT,AZ,EPRN,DMT,MLN Code: ABSTRACT.
- Deiana, P. and Fatichenti, F. (1992). Pesticide Residues in Milk Processing. *Ital j food sci* 4: 229-245 .
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Monitoring of Pesticide Residues in Fresh Vegetables, Fruits, and Other Selected Food Items in Belgium, 1991-1993. *Journal of aoac international* 79: 97-110.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Pesticide Residue Concentrations in the Belgian Total Diet, 1991-1993. *Journal of aoac international* 79: 520-528.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Del Pino M and Blessing, R. L. (1988). Chemicals and Allied Products. *J water pollut control fed* 60: 909-916.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Del, R. E. A Am, Cova, D., Ragozza, L., Rondelli, E., Rossini, L., and Trevisan, M. (1989). Pesticide Residues in the Po River Italy Watershed Application of a Mathematical Model. *International symposium on agricultural ecology and environment, padova, italy, april 5-7, 1988. Agric ecosyst environ* 27: 539-554.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Delaunois, A., Gustin, P., and Ansay, M. (1991). Mechanisms and Prevention of Resistance to Pesticides. *Ann med vet* 135: 343-350.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Delescluse, C., Ledirac, N., de Sousa, G., Pralavorio, M., Lesca, P., and Rahmani, R. (1998). Cytotoxic Effects and Induction of Cytochromes P450 1a1/2 by Insecticides, in Hepatic or Epidermal Cells: Binding Capability to the Ah Receptor. *Toxicology Letters* 96-97: 33-39.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Deo, P. G., Hasan, S. B., Krishnakumari, M. K., and Karanth, N. Gk (1995). Pirimiphos Methyl a Safe Insecticide. *Journal of scientific and industrial research (india)* 54: 495-511.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dep. for the Env., Transport and the Regions, London (UK), Readman, J., and Fileman, T. W. (eds) (2001). Inputs and Fluxes of Organic Micropollutants to the North Sea.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Desi, I., Dura, G., Gonczi, C., Kneffel, Z., Strohmayer, A., and Szabo, Z. (1974). Toxicological Studies With Malathion on Mammals, Aquatic Organisms and Tissue Cultures. *Egeszsegtudomány* 18: 236-249 (HUN) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Desmarchelier, J. M. (1988). Iodometric Calibration of Organophosphorus Insecticides and Measurement of Hydrolysis Products. *Pestic sci* 22: 277-286.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Devi, P. and Nizam, J. (1988). Occurrence of Abnormal Guard Cells on Leaves of *Ixora-Coccinea* Treated With Certain Agro Chemicals. *8th international congress of histochemistry and cytochemistry and the 39th annual meeting of the histochemical society, washington, d.c., Usa, july 31-august 5, 1988. J histochem cytochem* 36: 854.

- Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Devillers, J., Chambon, P., Zakarya, D., Chastrette, M., and Chambon, R. (1987). A Predictive Structure-Toxicity Model With Daphnia-Magna. *Chemosphere* 16: 1149-1164.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Devonshire, A. L., Heidari, R., Bell, K. L., Campbell, P. M., Campbell, B. E., Odgers, W. A., Oakeshott, J. G., and Russell, R. J. (2003). Kinetic Efficiency of Mutant Carboxylesterases Implicated in Organophosphate Insecticide Resistance. *Pesticide Biochemistry and Physiology* 76: 1-13.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Di, H. J. and Aylmore, L. Ag (1997). Modeling the Probabilities of Groundwater Contamination by Pesticides. *Soil science society of america journal* 61: 17-23.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Di Muccio a, Cicero, A. M., Camoni, I., Pontecorvo, D., and Dommarco, R. (1987). On-Column Partition Cleanup of Fatty Extracts for Organophosphate Pesticide Residue Determination. *J assoc off anal chem* 70: 106-108.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Di Muccio a, Pelosi, P., Camoni, I., Barbini, D. A., Dommarco, R., Generali, T., and Ausili, A. (1996). Selective, Solid-Matrix Dispersion Extraction of Organophosphate Pesticide Residues From Milk. *Journal of chromatography a* 754: 497-506.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Diaz-Mendez, I., Alhama, J., Pueyo, C., and Lopez-Barea, J. (1997). Fish 8-Oxo-Dg Levels as Biomarker of Oxidative Damages by Environmental Pollutants. *7th international conference on environmental mutagens, toulouse, france, september 7-12, 1997. Mutation research* 379: S168.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Dierksmeier, G. (1996). Pesticide Contamination in the Cuban Agricultural Environment. *Trends in analytical chemistry* 15: 154-159.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dierksmeier, G. F., Moreno, P. L., Martinez, K., Hernandez, R., Linares, C., The International Atomic Energy Agency (IAEA), The Intergovernmental Oceanographic Commission (IOC) of UNESCO, and The United Nations Environment Programme (UNEP) (1999). Environmental Behaviour of Pesticides in Rice Field Drainage Water Impact on the Coastal Zone.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dieter, M. P. (1974). Influence of Environmental Contaminants in Biochemical Adaptation to Stress in Birds. *Toxicol.Appl.Pharmacol.* 29: 110-111 (ABS NO.91).
Chem Codes: Chemical of Concern: PCB,MLN Code: ABSTRACT.
- Dikshit, A. K. (1992). Safety Evaluations and Minimising Hazards for Environmental Safety. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 274.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dimitrov, P. L., Kambourova, M. S., Mandeva, R. D., and Emanuilova, E. I. (1997). Isolation and Characterization of Xylan-Degrading Alkali-Tolerant Thermophiles. *Fems microbiology letters* 157: 27-30.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Dittrich, V., Uk, S., and Ernst, G. H. (1990). Chemical Control and Insecticide Resistance of Whiteflies. *Gerling, d. (Ed.). Whiteflies: their bionomics, pest status and management. Xvi+348p. Intercept ltd.: Andover,*

england, uk. Illus. Maps. Isbn 0-946707-16-2. 0: 263-286.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Dobbs, A. J. and Zabel, T. F. (1996). Water-Quality Control. *Pettis, g. And p. Calow (ed.). River restoration: selected extracts from the rivers handbook. Vii+231p. Blackwell scientific publications: oxford, england, uk* Cambridge, massachusetts, usa. Isbn 0-86542-919-7.; 0: 44-59.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Dogheim, S. M., Alla, S. Ag, El-Syes, S. Ma, Almaz, M. M., and Salama, E. Y. (1996). Organochlorine and Organophosphorus Pesticide Residues in Food From Egyptian Local Markets. *Journal of aoac international* 79: 949-952.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Dogheim, S. M., Ashraf, E. M. M., Alla, S. A. G. , Khorshid, M. A., and Fahmy, S. M. (2004). Pesticides and Heavy Metals Levels in Egyptian Leafy Vegetables and Some Aromatic Medicinal Plants. *Food Additives & Contaminants [Food Addit. Contam.]. Vol. 21, no. 4, pp. 323-330. Apr 2004.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Dogheim, S. Ma, Riskallah, M. R., and Helmy, E. E. (1984-1985). Residual Behavior of Two Organophosphorus Pesticides on and in Orange Fruits. *Bull entomol soc egypt econ ser* 0: 113-118.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Doi, T., Sakaue, S., and Horiba, M. (1985). Analysis of Dextro Phenothrin and Its Optical Isomers in Technical Preparations and Formulations. *Association of official analytical chemists international pesticides analytical council symposium on analysis of pesticide products, impurities, and degradation materials held at the 98th annual international meeting of the association of official analytical chemists, washington, d.c., Usa, oct. 28-nov. 2, 1984. J assoc off anal chem* 68: 911-916.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Domagalski, J. (1997). Results of a Prototype Surface Water Network Design for Pesticides Developed for the San Joaquin River Basin, California. *Journal of hydrology (amsterdam)* 192: 33-50.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Donaldson, W., Price, A. H., and Morse, J. (1994). The Current Status and Future Prospects of the Texas Horned Lizard Phrynosoma Cornutum in Texas. *Texas journal of science* 46: 97-113.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Doong, Ruey-an and Chang, Wen-huei (1998). Photoassisted Iron Compound Catalytic Degradation of Organophosphorous Pesticides With Hydrogen Peroxide. *Chemosphere* 37: 2563-2572.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Doorn, J. A., Gage, D. A., Schall, M., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2000). Inhibition of Acetylcholinesterase by (1s,3s)-Isomalathion Proceeds With Loss of Thiomethyl: Kinetic and Mass Spectral Evidence for an Unexpected Primary Leaving Group. *Chemical Research in Toxicology [Chem. Res. Toxicol.]. Vol. 13, no. 12, pp. 1313-1320. 18 Dec 2000.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Doorn, J. A., Schall, M., Gage, D. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2001). Identification of Butyrylcholinesterase Adducts After Inhibition With Isomalathion Using Mass Spectrometry: Difference in Mechanism Between (1 R)- and (1 S)-Stereoisomers. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]. Vol. 176, no. 2, pp. 73-80. 15 Oct 2001.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Doorn, J. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. (2001). Probing the Active Sites of Butyrylcholinesterase and Cholesterol Esterase With Isomalathion: Conserved Stereoselective Inactivation

- of Serine Hydrolases Structurally Related to Acetylcholinesterase. *Chemical Research in Toxicology [Chem. Res. Toxicol.]*. Vol. 14, no. 7, pp. 807-813. Jul 2001.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Dourson, M. L. and Lu, F. C. (1995). Safety/Risk Assessment of Chemicals Compared for Different Expert Groups. *Biomedical and environmental sciences* 8: 1-13.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dover, M. J. and Croft, B. A. (1986). Pesticide Resistance and Public Policy. *Bioscience* 36: 78-85.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dowdy, D. L., Mckone, T. E., and Hsieh, D. Ph (1996). Prediction of Chemical Biotransfer of Organic Chemicals From Cattle Diet Into Beef and Milk Using the Molecular Connectivity Index. *Environmental science & technology* 30: 984-989.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Dowell, R. V., Wilson, W., and Hennessy, M. K. (1997). Toxicity of Sure dye to Beneficial Insects. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 66s-67s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Dowling, K. C. and Lemley, A. T. (1991). Evaluation of Organophosphate Insecticide Hydrolytic Detoxification by Conventional Means and Reactive Ion Exchange. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 124.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Dowling, K. C. and Lemley, A. T. (1995). Organophosphate Insecticide Degradation by Non-Amended and Cupric Ion-Amended Fenton's Reagent in Aqueous Solution. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 30: 585-604.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dowling, K. C. and Lemley, A. T. (1992). Susceptibility of Organophosphorous Insecticides to Degradation by Cupric and Ferrous-Ferric Ion Systems. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro116.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Draper, W. M., Dhoot, J. S., Dhaliwal, J. S., Remoy, J. W., Perea, S. K., and Baumann, F. J. (1998). Detection Limits of Organic Contaminants in Drinking Water. *American water works association journal* 90: 82-90.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Dreistadt, S. H., Clark, J. K., and Flint, M. L. (1994). Pests of Landscape Trees and Shrubs an Integrated Pest Management Guide. *Dreistadt, s. H., J. K. Clark and m. L. Flint. Pests of landscape trees and shrubs: an integrated pest management guide. Vi+327p. University of california press: berkeley, california, usa. Isbn 1-879906-18-x. 0: Vi+327p.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Drevenkar, V., Frobe, Z., Vasilic, Z., Tkalcevic, B., and Stefanac, Z. (1979). The Rate of Urinary Excretion of Phosalone Residues in Occupationally Exposed Persons. *The Science of The Total Environment* 13: 235-243.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dribben, W. H. and Kirk, M. A. (2001). Organ Procurement and Successful Transplantation After Malathion Poisoning. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 39, no. 6, pp. 633-636. 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Dryden, M. W. and Rust, M. K. (1994). The Cat Flea: Biology, Ecology and Control. *Veterinary parasitology* 52: 1-19.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Du, D., Huang, X., Cai, J., and Zhang, A. (Comparison of Pesticide Sensitivity by Electrochemical Test Based on Acetylcholinesterase Biosensor. *Biosens bioelectron.* 2007, sep 30; 23(2):285-9. [*Biosensors & bioelectronics*]: *Biosens Bioelectron.*
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS,NO SPECIES.
- Dua, V. K., Sharma, S. K., Srivastava, A., and Sharma, V. P. (Bioenvironmental Control of Industrial Malaria at Bharat Heavy Electricals Ltd., Hardwar, India: Results of a Nine-Year Study (1987-95).
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dube, M. G., Culp, J. M., and Scrimgeour, G. J. (1997). Nutrient Limitation and Herbivory: Processes Influenced by Bleached Kraft Pulp Mill Effluent. *Canadian Journal of Fisheries and Aquatic Sciences* [*CAN. J. FISH. AQUAT. SCI.*]. Vol. 54, no. 11, pp. 2584-2595. Nov 1997.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Dubois, K. P. (1961). Potentiation of the Toxicity of Organophosphorus Compounds. *Adv.Pest Control Res.* 4: 117-151.
Chem Codes: Chemical of Concern: DZ,MLN Code: REFS CHECKED/REVIEW.
- Dudkowski, J. J. (1988). Emulsifiable Concentrates of Malathion With Inherent Low Eye-Irritation Properties Us Patent-4786632. November 22 1988. *Off gaz u s pat trademark off pat* 1096: 1982.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dudley, D. R. and Karr, J. R. (1980). Pesticides and Pcb Residues in the Black Creek Watershed, Allen County, Indiana-1977-78. *Pestic.Monit.J.* 13: 155-157.
Chem Codes: Chemical of Concern: PCB,ACR,DDT,CBF,MLN Code: NO DURATION/SURVEY.
- Duhra, M. S., Hameed, S. F., and Nath, A. (1984). Effect of Washing on Insecticide Residues in Cauliflower Curds. ***Indian Journal of Nutrition and Dietetics*** [*INDIAN J. NUTR. DIET.*]. Vol. 21, no. 4, pp. 124-128. 1984.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Duke, J. A. (1992). Biting the Biocide Bullet. *James, I. F., Et al. (Ed.). Poisonous plants* Third international symposium, logan, utah, usa, 1988. Xv+661p. Iowa state university press: ames, iowa, usa. Illus. Maps. Isbn 0-8138-1241-0.; 0: 474-478.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dukes, J. C., Hallmon, C. F., Shaffer, K. R., and Hester, P. G. (1990). Effects of Pressure and Flow Rate on Cythion Droplet Size Produced by Three Different Ground Ulv Aerosol Generators. *J am mosq control assoc* 6: 279-282.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dureja, P. and Parmar, B. S. (Mitigation of Environmental Hazards of Agrochemicals the Indian Scenario. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).; 0 (0). 1998. 521-534.*
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Durham, J. J., Ogata, J., Nakajima, S., Hagiwara, Y., and Shibamoto, T. (1999). Degradation of Organophosphorus Pesticides in Aqueous Extracts of Young Green Barley Leaves (*Hordeum Vulgare* L.). *Journal of the science of food and agriculture* 79: 1311-1314.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Dutta, H. M., Datta-Munshi, J. S., and Roy, P. K. (1994). Malathion Induced Changes in Lymphatic System of a Catfish *Heteropneustes Fossilis* a Tem Observation. *Annual meeting of the american society of zoologists, 1994. American zoologist* 34: 9a.

Chem Codes: Chemical of Concern: MLN Code : ABSTRACT.

Dutta, H. M., Munishi, J. Sd, and Roy, P. K. (1997). Changes in the Gill's Sem Structures of Malathion Exposed Catfish *Heteropneustes Fossilis*. *Annual meeting of the society for integrative and comparative biology, boston, massachusetts, usa, january 3-7, 1998. American zoologist* 37: 134a.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Dutta, H. M., Munshi, J. Sd, and Roy, P. K. (1993). Tem Study of Malathion Induced Changes in Gill of a Catfish *Heteropneustes Fossilis*. *Annual meeting of the american society of zoologists, los angeles, california, usa, december 26-30, 1993. American zoologist* 33: 150a.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Dutta, K., Bhattacharyay, D., Mukherjee, A., Setford, S. J., Turner, A. P. F., and Sarkar, P. (2008). Detection of pesticide by polymeric enzyme electrodes. *Ecotoxicology and Environmental Safety* 69: 556-561.

Chem Codes : Chemical of Concern: MLN Code: NO SPECIES.

Dyer, S. D., Belanger, S. E., and Carr, G. J. (1997). An Initial Evaluation of the Use of Euroorth American Fish Species for Tropical Effects Assessments. *Chemosphere* 35: 2767-2781.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Eason, C. T., Frampton, C. M., Henderson, R., Thomas, M. D., and Morgan, D. R. (1993). Sodium Monofluoroacetate and Alternative Toxins for Possum Control. *N.Z.J.Zool.* 20: 329-334.

Chem Codes: Chemical of Concern: BDF,NaFA,WFN,WDF,BML,MLN Code: REFS CHECKED/REVIEW.

Easwaramoorthy, S. and Jayaraj, S. (Synergism of Insect Pathogens and Chemical Insecticides. *Jayaraj, s. (Ed.). Microbial control and pest management; meeting, coimbatore, india, x+278p. Tamil nadu agricultural university: coimbatore, india. Illus. Paper.; 0 (0). 1985 (recd. 1986). 189-194.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Eatock, R. A. and Ruesch, A. (1997). Developmental Changes in the Physiology of Hair Cells. *Seminars in cell & developmental biology* 8: 265-275.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Edwards, B. H., Paullin, J. N., and Coghlan-Jordan, K. (Emerging Technologies for the Control of Hazardous Wastes. *J hazard mater*; 12 (2). 1985 (recd. 1986). 201-205.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Edwards, C. A. and Bohlen, P. J. (1992). The Effects of Toxic Chemicals on Earthworms. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 125. ix+186p. Springer-verlag new york, inc.: New york, new york, usa Berlin, germany. Illus. Maps. Isbn 0-387-97762-7; isbn 3-540-97762-7.; 0: 23-99.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Ehler L. E. and Kinsey M. G. (1993). Spatial Distribution of Progeny in a Parasitoid of a Gall Midge and Its Relevance to Applied Biological Control. *Biological Control* 3: 116-126.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Ehrich, M. and Correll, L. (1998). Inhibition of Carboxylesterases in Sh-Sy5y Human and Nb41a3 Mouse Neuroblastoma Cells by Organophosphorus Esters. *Journal of toxicology and environmental health part a*

53: 385-399.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Ehrich, M., Correll, L., and Veronesi, B. (Acetylcholinesterase and Neuropathy Target Esterase Inhibitions in Neuroblastoma Cells to Distinguish Organophosphorus Compounds Causing Acute and Delayed Neurotoxicity. *Fundamental and applied toxicology*, vol. 38, no. 1, pages 55-63, 37 references, 1997.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Ehrich, M., Correll, L., and Veronesi, B. (1994). Neuropathy Target Esterase Inhibition by Organophosphorus Esters in Human Neuroblastoma Cells. *Neurotoxicology (little rock)* 15: 309-314.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Eichelberger, J. W. and Lichtenberg, J. J. (1971). Carbon Adsorption for Recovery of Organic Pesticides. *J. Am. Wat. Works Assoc. Vol. 63, no. 1, pp. 25-27. 1971.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Eitzer, B. D. and Chevalier, A. (1999). Landscape Care Pesticide Residues in Residential Drinking Water Wells. *Bulletin of environmental contamination and toxicology* 62: 420-427 .
Chem Codes: Chemical of Concern: MLN Code: FATE.

El-Aziz, T. A. (Monitoring of Some Pesticides Residues in Different Samples of Meat and Some Organs of Cattle. *J egypt public health assoc. 1996; 71(3-4):343-53. [The journal of the egyptian public health association]: J Egypt Public Health Assoc.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

El-Lakwah, F. A., Hamed, M. S., Darwish, A. A., and Shams El-Din, A. M. (1995). Determination of Certain Organochlorine and Organophosphorus Pesticide Residues in Home-Produced Tomatoes and Cucumbers Used for Consumption in Two Egyptian Governorates. *Annals of Agricultural Science, Moshtohor. Vol. 33, no. 1, pp. 399-407. 1995.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

El-Shahawi, M. S., Kiwan, A. M., Al-Daheri, S. M., and Saleh, M. H. (1995). The Retention Behaviour and Separation of Some Water-Soluble Organophosphorus Insecticides on Polyester-Based Polyurethane Foams. *Talanta* 42: 1471-1478.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.

El-Zemaity, M. S. (1998). Degradation Behavior of Malathion and Fenitrothion Residues on Wheat and Barley Under Different Storage Systems in Saudi Arabia. *Bulletin of environmental contamination and toxicology* 60: 864-871 .
Chem Codes: Chemical of Concern: MLN Code: FATE.

Ellenson, W. D., Mukerjee, S., Stevens, R. K., Willis, R. D., Shadwick, D. S., Somerville, M. C., and Lewis, R. G. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: Ii. Assessment of Transboundary Pollution Transport and Other Activities by Air Quality Monitoring. *Environment international* 23: 643-655.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Elston, D. M. (Treating Pediculosis--Those Nit-Picking Details. *Pediatr dermatol. 2007 jul-aug; 24(4):415-6. [Pediatric dermatology]: Pediatr Dermatol.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Engel, S. M., Berkowitz, G. S., Barr, D. B., Teitelbaum, S. L., Siskind, J., Meisel, S. J., Wetmur, J. G., and Wolff, M. S. (Prenatal Organophosphate Metabolite and Organochlorine Levels and Performance on the Brazelton Neonatal Behavioral Assessment Scale in a Multiethnic Pregnancy Cohort. *Am j epidemiol. 2007, jun 15; 165(12):1397-404. [American journal of epidemiology]: Am J Epidemiol.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Erdmann, F., Brose, C., and Schuetz, H. (1990). A Tlc Screening Program for 170 Commonly Used Pesticide Using the Corrected Rf Value (Rcf Value). *Int j leg med* 104: 25-32.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Erickson, R. J. and Mckim, J. M. (1990). A Simple Flow-Limited Model for Exchange of Organic Chemicals at Fish Gills. *Symposium on toxicokinetics, eighth annual meeting of the society of environmental toxicology and chemistry, pensacola, florida, usa, november 9-12, 1987. Environ toxicol chem* 9: 159-166.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Erney, D. R. and Poole, C. F. (1993). A Study of Single Compound Additives to Minimize the Matrix Induced Chromatographic Response Enhancement Observed in the Gas Chromatography of Pesticide Residues. *Hrc (journal of high resolution chromatography)* 16: 501-503.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Eskenazi, B., Harley, K., Bradman, A., Weltzien, E., Jewell, N. P., Barr, D. B., Furlong, C. E., and Holland, N. T. (2004). Association of in Utero Organophosphate Pesticide Exposure and Fetal Growth and Length of Gestation in an Agricultural Population. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 112, no. 10, pp. 1116-1124. Jul 2004.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Eskenazi, B., Marks, A. R., Bradman, A., Harley, K., Barr, D. B., Johnson, C., Morga, N., and Jewell, N. P. (Organophosphate Pesticide Exposure and Neurodevelopment in Young Mexican-American Children. *Environ health perspect.* 2007, may; 115(5):792-8. [*Environmental health perspectives*]: *Environ Health Perspect.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Espigares, M., Coca, C., Fernandez-Crehuet, M., Moreno, O., Bueno, A., and Galvez, R. (1997). Pesticide Concentrations in the Waters From a Section of the Guadalquivir River Basin, Spain. *Environmental toxicology and water quality* 12: 249-256.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Eto, M. (1997). Functions of Phosphorus Moiety in Agrochemical Molecules. *Bioscience biotechnology and biochemistry* 61: 1-11.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

European, A. N. D. Mediterranean Plant Protection Organization (1994). Guideline on Good Plant Protection Practice Potato. *Bulletin oepp* 24: 825-845.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Evans, H. E. and Kyte, W. S. (1993). The Impact of Recent Legislation on the Uk Generation Industry. *Chow, w. And k. K. Connor (ed.). Managing hazardous air pollutants: state of the art* First international conference, washington, d.c., Usa, november 4-6, 1991. Xix+582p. Lewis publishers inc.: Chelsea, michigan, usa. Isbn 0-87371-866-6.; 0: 44-57.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Evans, M. V., Power, F. W., Dary, C. C., Tornero-Velez, R., and Blancato, J. N. (Application of the Exposure Dose Estimating Model (Erdem) to Assessment of Dermal Exposure in the Rat to Malathion. *Toxicologist* 2004 mar;78(1-s):416-7: *Toxicologist*.

Chem Codes: Chemical of Concern: MLO Code: MODELING.

Everett, W. R. and Rechnitz, G. A. (1999). Enzyme-Based Electrochemical Biosensors for Determination of Organophosphorous and Carbamate Pesticides. *Analytical letters* 32: 1-10.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Fabritius, K. and Balasescu, M. (1996). Acute Non-Occupational Intoxications With Pesticides in Romania: a Comparative Study From 1988 to 1993. *Toxicology letters (shannon)* 88: 211-214.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fahrig, R. (1974). Comparative Mutagenicity Studies With Pesticides. *IARC Sci.Publ.* 10: 161-181.
Chem Codes: Chemical of Concern: MCPB,CBL,SZ,DQT,MP,Ziram,DMT,PCP,Folpt,Captan,MCPA,MLN,DZ,AND,EN,ES Code: REVIEW.
- Falco, J. W., Brockway, D. L., Sampson, K. L., Kollig, H. P., and Maudsley, J. R. (1975). Models for Transport and Transformation of Malathion in Aquatic Systems.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Fan, A. M. and Jackson, R. J. (1989). Pesticides and Food Safety. *Regul toxicol pharmacol* 9: 158-174.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fehringer, N. V. and Walters, S. M. (1986). Evaluation of Capillary Gas Chromatography for Pesticide and Industrial Chemical Residue Analysis Ii. Comparison of Quantitative Results Obtained on Capillary and Packed Columns. *J assoc off anal chem* 69: 90-93.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Felkner, I. C. and Worthy, B. E. (1990). Microbiological Detection and Quantitation of Bioactive Compounds in Vegetation Matrix by Laser Light Scattering. *Fourth international symposium on biological and environmental reference materials, orlando, florida, usa, february 5-8, 1990. Fresenius' j anal chem* 338: 489-494.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Fendinger, N. J. and Glotfelty, D. E. (1990). Henry's Law Constants for Selected Pesticides, Pahs and Pcb's. *Environ toxicol chem* 9: 731-736.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Feng, H. T. (1986). Relative Toxicity of Several Insecticides to the Green Peach Aphid and the Turnip Aphid. *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN).]. Vol. 28, no. 2, pp. 163-170. 1986.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Fenske, R. A. (1987). Assessment of Pesticide Applicator Exposure Through Simultaneous Biological Monitoring and Fluorescent Tracer Measurement of Dermal Deposition. *194th american chemical society national meeting, new orleans, louisiana, usa, august 30-september 4, 1987. Abstr pap am chem soc* 194: Agro 114.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. (1988). Correlation of Fluorescent Tracer Measurements of Dermal Exposure and Urinary Metabolite Excretion During Occupational Exposure to Malathion. *Am ind hyg assoc j* 49: 438-444.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. (1990). Nonuniform Dermal Deposition Patterns During Occupational Exposure to Pesticides. *Arch environ contam toxicol* 19: 332-337.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. and Birnbaum, S. G. (1997). Second Generation Video Imaging Technique for Assessing Dermal Exposure (Vitae System). *American industrial hygiene association journal* 58: 636-645.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fernandez-Alba, A. R., Agüera, A., Contreras, M., Penüela, G., Ferrer, I., and Barcelo, D. (1998). Comparison of Various Sample Handling and Analytical Procedures for the Monitoring of Pesticides and Metabolites in Ground Waters. *Journal of chromatography a* 823: 35-47.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Fernandez-Muino, M. A., Sancho, M. T., Muniategui, S., Huidobro, J. F., and Simal-Lozano, J. (1995). Acaricide Residues in Honey: Analytical Methods and Levels Found. *Journal of food protection* 58: 449-454.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ferrari, Federico, Klein, Michael, Capri, Ettore, and Trevisan, Marco (2005). Prediction of Pesticide Volatilization With Pelmo 3.31. *Chemosphere* 60: 705-713.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Ferreira, J. R. and Silva Fernandes, A. M. (Gas-Liquid Chromatographic Determination of Organophosphorus Insecticide Residues in Fruits and Vegetables. *J assoc off anal chem.* 1980, may; 63(3):517-22. [*Journal - association of official analytical chemists*]: *J Assoc Off Anal Chem.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Ferrer, I. and Barcelo, D. (1998). Lc-MS Methods for Trace Determination of Pesticides in Environmental Samples. *Analisis* 26: M118-m122.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Ferretti, P. A., Smitley, D. R., Newport, S., and Carlson, W. H. (1991). Greenhouse Phytotoxicity and Residue Study of Insecticides on Bedding and Pot Plants. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience* 26: 750.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ffrench-Constant, R. H. and Bonning, B. C. (Rapid Microtitre Plate Test Distinguishes Insecticide Resistant Acetylcholinesterase Genotypes in the Mosquitoes Anopheles Albimanus, an. Nigerrimus and Culex Pipiens. *Med vet entomol.* 1989, jan; 3(1):9-16. [*Medical and veterinary entomology*]: *Med Vet Entomol.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- ffrench-Constant, Richard H. (2007). Which came first: insecticides or resistance? *Trends in Genetics* 23: 1-4.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Finizio, A., Vighi, M., and Sandroni, D. (1997). Determination of N-Octanol/Water Partition Coefficient (Kow) of Pesticide Critical Review and Comparison of Methods. *Chemosphere* 34: 131-161.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Finlayson, B. J., Harrington, J. A., Fujimura, R., and Isaac, G. (1993). Identification of Methyl Parathion Toxicity in Colusa Basin Drain Water. *Environ toxicol chem* 12: 291-303.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Finlayson-Pitts, B. J. and Pitts, J. N Jr (1997). Tropospheric Air Pollution: Ozone, Airborne Toxics, Polycyclic Aromatic Hydrocarbons, and Particles. *Science (washington d c)* 276: 1045-1052.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Fischer, A. B., Bigalke, B., Herr, C., and Eikmann, T. (1999). Pest Control in Public Institutions. *Toxicology letters (shannon)* 107: 75-80.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fischer-Colbrie, P. (1988). Approved Active Substances for Austrian Fruit Growing and Their Side Effects (Fur den Osterreichischen Obstbau Genehmigte Wirkstoffe und Ihre Nebenwirkungen auf Nutzlinge). *Pflanzenschutz (Vienna)* Spec. Issue 6: 13-15 (GER).
Chem Codes: EcoReference No.: 104068
Chemical of Concern:
TCF,PIM,PSM,PHSL,PMR,MP,PRN,OMT,MVP,MOM,MDT,MLN,FNV,FNTH,FPP,AZ,CBL,CPY,CYF,
CYP,DM,DZ,DDVP,DFZ,DMT,ES,FYC Code: NON-ENGLISH.
- Fleming, L. E. and Timmeny, W. (1993). Aplastic Anemia and Pesticides: an Etiologic Association? *Journal of*

- occupational medicine* 35: 1106-1116.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Flessel, P., Quintana, P. J. E., and Hooper, K. (1993). Genetic Toxicity of Malathion: a Review. *Environmental and Molecular Mutagenesis*. Vol. 22, no. 1, pp. 7-17. 1993.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Flipo, Denis, Bernier, Jacques, Girard, Denis, Krzystyniak, Krzysztof, and Fournier, Michel (1992). Combined Effects of Selected Insecticides on Humoral Immune Response in Mice. *International Journal of Immunopharmacology* 14: 747-752.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Fodor-Csorba, K. (1992). Chromatographic Methods for the Determination of Pesticides in Foods. *J chromatogr* 624: 353-367.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Fogarty, A. M. and Tuovinen, O. H. (1991). Microbiological Degradation of Pesticides in Yard Waste Composting. *Microbiol rev* 55: 225-233.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Folmar, L. C. (1993). Effects of Chemical Contaminants on Blood Chemistry of Teleost Fish a Bibliography and Synopsis of Selected Effects. *Environ toxicol chem* 12: 337-375.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Font, G., Manes, J., Molto, J. C., and Pico, Y. (1993). Solid-Phase Extraction in Multi-Residue Pesticide Analysis of Water. *J chromatogr* 642: 135-161.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Font, Guillermina, Juan-García, Ana, Fernández, Monica, and Ruiz, María Jose (2008-). In vitro effect of organophosphate pesticides, Malathion and chlorpyrifos, on lipid peroxidation and antioxidant enzymes. *Toxicology Letters* 180: S103-S104.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Forrester, D. J., Davidson, W. R., Lange, R. E Jr, Stroud, R. K., Alexander, L. L., Franson, J. C., Haseltine, S. D., Littell, R. C., and Nesbitt, S. A. (1997). Winter Mortality of Common Loons in Florida Coastal Waters. *Journal of wildlife diseases* 33: 833-847.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Foster, G. D., Foreman, W. T., and Gates, P. M. (Performance of the Goulden Large-Sample Extractor in Multiclass Pesticide Isolation and Preconcentration From Stream Water.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Foster, G. D., Gates, P. M., Foreman, W. T., McKenzie, S. W., and Rinella, F. A. (1993). Determination of Dissolved-Phase Pesticides in Surface Water From the Yakima River Basin, Washington, Using the Goulden Large-Sample Extractor and Gas Chromatography/Mass Spectrometry. *Environ sci technol* 27: 1911-1917.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO EFFECT.
- Foster, G. D. and Lippa, K. A. (1996). Fluvial Loadings of Selected Organonitrogen and Organophosphorus Pesticides to Chesapeake Bay. *Journal of agricultural and food chemistry* 44: 2447-2454.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Foster, T. S. (Physiological and Biological Effects of Pesticide Residues in Poultry. *Residue rev.* 1974, 51() 69-121.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.

- Fox, J. E., Starcevic, M., Jones, P. E., Burow, M. E., and McLachlan, J. A. (2004). Phytoestrogen Signaling and Symbiotic Gene Activation are Disrupted by Endocrine-Disrupting Chemicals. *Environ. Health Perspect.* 112: 672-677.
Chem Codes: Chemical of Concern: PAH,PCB,NYP,VCL,ACO,ACR,MTL,ATZ,TFN,PDM,24D,DZ,CBF,DLD,DDT,PCP,MP,HCCH,DCF,MLN,TXP,MTPN,ES,MXC,AND Code: BACTERIA.
- Frank, R., Braun, H. E., Clegg, B. S., Ripley, B. D., and Johnson, R. (1990). Survey of Farm Wells for Pesticides Ontario Canada 1986 and 1987. *Bull environ contam toxicol* 44: 410-419.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Braun, H. E., Ishida, K., and Suda, P. (1976). Persistent Organic and Inorganic Pesticide Residues in Orchard Soils and Vineyards of Southern Ontario. *Can.J.Soil Sci.* 56: 463-484.
Chem Codes: Chemical of Concern: TVP,PSM,PHSL,PRN,MVP,MLN,Cu,CuS,Pb,ZnS,FBM,MZB,Maneb,Zineb,Captan,DDT,DCF,ES,EN,Folpet,DLD,MXC,DEM,DZ,DMT,ETN Code: FATE.
- Frank, R., Braun, H. E., and Ripley, B. D. (1990). Residues of Insecticides and Fungicides on Ontario-Grown Vegetables, 1986-1988. *Food addit contam* 7: 545-554.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Frank, R. and Logan, L. (1988). Pesticide and Industrial Chemical Residues at the Mouth of the Grand Saugeen and Thames Rivers Ontario Canada 1981-1985. *Arch environ contam toxicol* 17: 741-754.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Logan, L., and Clegg, B. S. (1991). Pesticide and Polychlorinated Biphenyl Residues in Waters at the Mouth of the Grand, Saugeen, and Thames Rivers, Ontario, Canada, 1986-1990. *Arch environ contam toxicol* 21: 585-595.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Ripley, B. D., Braun, H. E., Clegg, B. S., Johnston, R., and O'Neill, T. J. (1987). Survey of Farm Wells for Pesticides Residues Southern Ontario Canada 1981-1982 1984. *Arch environ contam toxicol* 16: 1-8.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frankenberger, jr W. T. and Tabatabai, M. A. (1991). Factors Affecting -Glutaminase Activity in Soils. *Soil Biology and Biochemistry* 23: 875-879.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Freedman, B. (1989). Environmental Ecology the Impacts of Pollution and Other Stresses on Ecosystem Structure and Function. *Freedman, b. Environmental ecology: the impacts of pollution and other stresses on ecosystem structure and function. X+424p. Academic press, inc.: San diego, california, usa London, england, uk. Illus. Maps. Isbn 0-12-266540-6.; 0: X+424p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Freemark, K. and Boutin, C. (1995). Impacts of Agricultural Herbicide Use on Terrestrial Wildlife in Temperate Landscapes: a Review With Special Reference to North America. *Agriculture ecosystems & environment* 52: 67-91.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Probe, Z., Drevenkar, V., Stengl, B., and Stefanac, Z. (1988). Oxygen-Flask Combustion of Accumulated Organophosphorus Pesticides for Monitoring Water Pollution. *Analytica Chimica Acta* 206: 313-332.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Fry, D. M., Nieberg, P. S., Stinnett, H., and Wilson, B. W. (1970). Growth and Metabolism of Chick Embryo Muscle Cultures. Inhibition With Malathion and Other Organophosphorus Compounds. *Arch. Environ. Health* ;

26(2): 93-99; 1973 ; (ref:38).

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Fu, Y. F., Han, Y. Z., Zhao, D. G., and Meng, F. J. (2000). Zearalenone and Flower Bud Formation in Thin-Cell Layers of *Nicotiana Tabacum* L. *Plant Growth Regulation*, 30 (3) pp. 271-274, 2000.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Fukuto, T. R., Keadtisuke, S., and Dheranetra, W. (Mode of Delayed Toxicity of O O S Trimethylphosphorothioate and Related Compounds. *196th american chemical society national meeting, los angeles, california, usa, september 25-30, 1988. Abstr pap am chem soc*; 196 (0). 1988. Agro 23. Ab - biosis copyright: biol abs. *Rrm abstract rat malathion phenthoate insecticides impurities kidney tubular damage*.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Fung, V. A., Huff, J., Weisburger, E. K., and Hoel, D. G. (1993). Predictive Strategies for Selecting 379 Nci Chemicals Evaluated for Carcinogenic Potential: Scientific and Public Health Impact. *Fundam appl toxicol* 20: 413-436.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Funk, W., Cleres, L., Pitzer, H., and Donnevert, G. (1989). Organophosphorus Insecticides: Quantitative Hptlc Determination and Characterization. *J planar chromatogr mod tlc* 2: 285-289 .

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Futagami, K., Tanaka, N., Nishimura, M., Tateishi, H., Aoyama, T., and Oishi, R. (1996). Relapse and Elevation of Blood Urea Nitrogen in Acute Fenitrothion and Malathion Poisoning. *International journal of clinical pharmacology and therapeutics* 34: 453-456.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Fytianos, K., Samanidou, V., UNEP Mediterranean Action Plan, Athens (Greece), and FAO, Rome Italy (1991). Study of the Biogeochemical Cycle of Organophosphorus Pesticides in Thermaikos Gulf, Greece.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Gabriel, D., Calcagnolo, G., Louzada, R. M., Tancini, R., and Padovan, M. A. (1990). Chemical Control of the Boll Weevil *Anthonomus grandis* Boheman, 1843 (Coleoptera: Curculionidae) Under Field Conditions. *An.Soc.Entomol.Bras.* 19: 329-344 (SPA) (ENG ABS).

Chem Codes: EcoReference No.: 95441

Chemical of Concern: CYP,PSM,ES,AZ,MLN Code: NON-ENGLISH.

Gabrielides, G. P. (1995). Pollution of the Mediterranean Sea. *Water science and technology* 32: 1-10.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Gahukar, R. T. (1991). Control of Cotton Insect and Mite Pests in Subtropical Africa: Current Status and Future Needs. *Insect sci appl* 12: 313-338.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Gahukar, R. T. (1991). Recent Developments in Sorghum Entomology Research. *Evans, k. (Ed.). Agricultural zoology reviews, vol. 4. Xii+266p. Intercept ltd.: Andover, england, uk. Illus. Isbn 0-946707-31-6.* 0: 23-65.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Galindo Reyes, J. G., Guerrero Ibarra, M. A., Villagrana Lizarraga, C., Medina Jasso, A., and Munoz Rubi, H. A. (1994). (Effects of Pesticides Pollution on Penaeid Shrimps of Sinaloa, Mexico). *Cienc. Mar (Mazatlan)*. Vol. 1, no. 13, pp. 34-38. 1994.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Gallicchio, V. S., Casale, G. P., and Watts, T. (Inhibition of Human Bone Marrow-Derived Stem Cell Colony Formation (Cfu-E, Bfu-E, and Cfu-Gm) Following in Vitro Exposure to Organophosphates. *Exp hematol*.

- 1987, dec; 15(11):1099-102. [Experimental hematology]: *Exp Hematol*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Galloway, S. M., Armstrong, M. J., Reuben, C., Colman, S., Brown, B., Cannon, C., Bloom, A. D., Nakamura, F., Ahmed, M. and others (1987). Chromosome Aberrations and Sister Chromatid Exchanges in Chinese Hamster Ovary Cells Evaluations of 108 Chemicals. *Environ mol mutagen* 10: 1-175.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Galloway, T. and Handy, R. (2003). Immunotoxicity of Organophosphorous Pesticides. *Ecotoxicology [Ecotoxicology]*. Vol. 12, no. 1-4, pp. 345-363. Feb-Aug 2003.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Gamboa, W. and Pohlan, J. (Strategies of Integrated Plant Protection for the Sustainable Cultivation of Chayote Sechium Edule Jacq. Schwartz in the Valley of Ujarras-Costa Rica. *Laux, w. (Ed.). Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 321; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 321); 50th german meeting on plant protection, muenster, germany, september 23-26, 1996. Lx+662p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3126-5.; 0 (321). 1996. 591.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Gandrass, J., Bormann, G., and Wilken, R. D. (1995). N-P-Pesticides in the Czech and Germ Part of the River Elbe- Analytical Methods and Trends of Pollution. *Fresenius' journal of analytical chemistry* 353: 70-74.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ganendran, A. and Balabaskaran, S. (Reactivation Studies on Organophosphate Inhibited Human Cholinesterases by Pralidoxime (P-2-Am). *Southeast asian j trop med public health*. 1976, sep; 7(3):417-23. [The southeast asian journal of tropical medicine and public health]: *Southeast Asian J Trop Med Public Health*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ganguly, S. S., Dutta Gupta, K. K., and Dutta, P. K. (1994). Evaluation of Susceptibility Status of Culex quinquefasciatus Larvae to Few Organophosphorus Insecticides Based on Logistic Regression Analysis. *Indian J.Public Health* 38: 8-13.
Chem Codes: Chemical of Concern: MLN,TMP,FNTH,DDVP,FNT Code: NO DURATION.
- Gao, J. R., Rao, J. V., Wilde, G. E., and Zhu, K. Y. (Purification and Kinetic Analysis of Acetylcholinesterase From Western Corn Rootworm, Diabrotica Virgifera Virgifera (Coleoptera: Chrysomelidae). *Arch insect biochem physiol*. 1998; 39(3):118-25. [Archives of insect biochemistry and physiology]: *Arch Insect Biochem Physiol*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Garaj-Vrhovac, Vera and Zeljezic, Davor (2001). Cytogenetic Monitoring of Croatian Population Occupationally Exposed to a Complex Mixture of Pesticides. *Toxicology* 165: 153-162.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Garces-Garcia, Marta, Brun, Eva M., Puchades, Rosa, and Maquieira, Angel (2006). Immunochemical Determination of Four Organophosphorus Insecticide Residues in Olive Oil Using a Rapid Extraction Process. *Analytica Chimica Acta* 556: 347-354.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Garcia, A. M., Benavides, F. G., Fletcher, T., and Orts, E. (1998). Paternal Exposure to Pesticides and Congenital Malformations. *Scandinavian journal of work environment & health* 24: 473-480.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Garcia, M. A., Melgar, M. J., and Fernandez, M. I. (1994). Evidence for the Safety of Coumaphos, Diazinon and

- Malathion Residues in Honey. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]*. Vol. 36, no. 5, pp. 429-432. 1994.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Gardner, M. J., Dobson, J. E., Griffiths, A. H., Jessep, M. A., and Ravenscroft, J. E. (1997). An Overview of the Uk National Marine Analytical Quality Control (Nmaq) Scheme and Its Links With Quasimeme. *Marine pollution bulletin* 35: 125-132.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Garten, C. T. and Trabalka, J. R. (1983). Evaluation of Models for Predicting Terrestrial Food Chain Behavior of Xenobiotics. *Environ.Sci.Technol.* 17: 590-595.
Chem Codes: Chemical of Concern:
 DZ,ADC,AND,AZ,BMY,HCCH,CBL,CHD,CPY,CPYM,CMPH,DDT,DMB,DLD,DMT,DU,ES,EN,ETN,
 MLN,MTZ,MXC,MRX,PPHD,PCL,TDZ,TXP,TPR,TFL,PCB Code: REFS CHECKED/REVIEW.
- Gaultney, L. D., Howard, K. D., and Mulrooney, J. E. (Off-Target Drift With Air-Assisted Agricultural Sprayers. *Hopkinson, m. J., H. M. Collins and g. R. Goss (ed.). Astm stp, 1312. Pesticide formulations and applications systems: 16th volume; sixteenth symposium on pesticide formulations and application systems, norfolk, virginia, usa, november 14-15, 1995. Viii+216p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2035-4.; 0 (1312). 1996. 104-113.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gautam, R. D. and Kataria, B. S. (Feasibility of Mass-Multiplication of White Tailed Mealy Bug Ferrisia-Virgata Cockerell Pseudococcidae Homoptera Its Parasitoid-Predator Complex Together With Bibliography. *J entomol res (new delhi); 10 (1). 1986 (recd. 1987). 1-18.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Gavat, V., Alexa, L., and Melinte, C. (1976). Studies on the Immunobiologic Reactivity as an Indicator for the Evaluation of Disturbances in the Balance Between the Organism and the Environment (Cercetari cu Privire la Reactivitatea Imunobiologica ca Indicator de Apreciere a Perturbarii Interrelatiilor Organism-Mediu). *Igiena* 25: 307-311 (ROM) (ENG ABS).
Chem Codes: EcoReference No.: 103403
 Chemical of Concern: TCF,MLO Code: NON-ENGLISH.
- Geiger, C. P. and Calabrese, E. J. (1985). The Effects of Five Widely Used Pesticides on Erythrocytes of the Dorset Sheep, an Animal Model With Low Erythrocyte Glucose-6-Phosphate Dehydrogenase (G-6-Pd) Activity. *J. ENVIRON. SCI. HEALTH, PART A. Vol. A20, no. 5, pp. 521-527. 1985.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Gelardi, R. C. and Mountford, M. K. (1993). Infant Formulas Evidence of the Absence of Pesticide Residues. *Meeting of the american industrial health council on the domestic agenda for risk assessment, washington, d.c., Usa, december 1, 1992. Regul toxicol pharmacol* 17: 181-192.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Geno, P. W., Camann, D. E., Harding, H. J., Villalobos, K., and Lewis, R. G. (1996). Handwipe Sampling and Analysis Procedure for the Measurement of Dermal Contact With Pesticides. *Archives of environmental contamination and toxicology* 30: 132-138.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- George, V. and Patel, J. R. (1992). Mint Mentha-Spicata a Promising Botanical Protectant for Green Gram Against Pulse Beetle Callosobruchus-Analis F. *Indian j plant prot* 20: 66-69.
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.
- Gerba, C. P. (1996). Principles of Toxicology. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-*

550660-0.; 0: 323-344.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gertig, H. (1981). Effect of Some Pesticides on Formation of Beta -Carotene. *Bromatologia i Chemia Toksykologiczna [BROMATOL. CHEM. TOKSYKOL.]*. Vol. 14, no. 3&4, pp. 259-264. 1981.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Getenga, Z. M., Jondiko, J. I. O., and Wandiga, S. O. (2000). The Dissipation and Degradation of Methoxy-Superior 1 Superior 4c Malathion in Soil Under Tropical Conditions. *Toxicological and Environmental Chemistry*, 77 (3-4) pp. 229-240, 2000.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ghadiri, M., Greenwood, D. A., and Binns, W. (1967). Feeding of Malathion and Carbaryl to Laying Hens and Roosters. *Toxicol.Appl.Pharmacol.* 10: 392 (ABS).

Chem Codes: Chemical of Concern: CBL,MLN Code: ABSTRACT.

Ghadiri, N. and Greenwood, D. A. (1966). Toxicity and Biological Effects of Malathion, Phosdrin and Sevin in the Chick Embryo . *Toxicol.Appl.Pharmacol.* 8: 342 (ABS).

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Ghezal, F. and Bennaceur, M. (Studies on Residues of 14c Malathion in Soils. *Govt reports announcements & index (gra&i)*, issue 05, 2092.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ghezal, F., Miloudi, M. E. A., Bennaceur, M., and Zayed, S. M. A. (1997). Behaviour of Superior 1 Superior 4c-Malathion in North African Soils. *Analyst*, 122 (8) pp. 859-862, 1997.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Gifford, J. S., Buckland, S. J., Judd, M. C., Mcfarlane, P. N., and Anderson, S. M. (1996). Pentachlorophenol (Pcp), Pcdd, Pcdf and Pesticide Concentrations in a Freshwater Lake Catchment. *Chemosphere* 32: 2097-2113.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Giles, R. H. Jr. (1970). The Ecology of a Small Forested Watershed Treated With the Insecticide Malathion-S35. *Wildl.Monogr.* 24: 81.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Gillespie, A. M. and Walters, S. M. (1986). High-Performance Silica Column Fractionation of Pesticides and Polychlorinated Biphenyls From Butterfat. *J liq chromatogr* 9: 2111-2142.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Gillespie, A. M. and Walters, S. M. (1991). Rapid Clean-up of Fat Extracts for Organophosphorus Pesticide Residue Determination Using Carbon-18 Solid-Phase Extraction Cartridges. *Anal chim acta* 245: 259-266.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Gillespie, A. M. and Walters, S. M. (1989). Semi-Preparative Reverse Phase Hplc Fractionation of Pesticides From Edible Fats and Oils. *J liq chromatogr* 12: 1687-1704.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gilliom, R. J., Barbash, J. E., Kolpin, D. W., and Larson, S. J. (1999). Testing Water Quality for Pesticide Pollution: U.S. Geological Survey Investigations Reveal Widespread Contamination of the Nation's Water Resources. *Environmental science & technology* 33: 164a-169a.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Gilot-Delhalle, J., Colizzi, A., Moutschen, J., and Moutschen-Dahmen, M. (1983). Mutagenicity of Some Organophosphorus Compounds at the Ade6 Locus of Schizosaccharomyces Pombe. *Mutation*

- Research/Genetic Toxicology* 117: 139-148.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Gladen, B. C., Sandler, D. P., Zahm, S. H., Kamel, F., Rowland, A. S., and Alavanja, M. Cr (1998). Exposure Opportunities of Families of Farmer Pesticide Applicators. *American journal of industrial medicine* 34: 581-587.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Goetz, R., Bauer, O. H., Friesel, P., and Roch, K. (1998). Organic Trace Compounds in the Water of the River Elbe Near Hamburg: Part II. *Chemosphere* 36: 2103-2118.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gombar, V. K., Borgstedt, H. H., Enslein, K., Hart, J. B., and Blake, B. W. (1991). A Qsar Model of Teratogenesis. *Quant struct-act relat* 10: 306-332 .
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Gonring, A. H. R., Picanco, M., de Moura, M. F., Bacci, L., and Bruckner, C. H. (1999). Selectivity of Insecticides Used for the Control of Grapholita Molesta (Busch) (Lepidoptera: Olethreutidae) in Peach, to Predatory Vespidae. *Anais de Sociedade Entomologica do Brasil [An. Soc. Entomol. Bras.]*. Vol. 28, no. 2, pp. 301-306. Jun 1999.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Gonzalez, T., Bisset, J. A., Diaz, C., Rodriguez, M. M., and Brandolini, M. B. (1999). Insecticide Resistance in a Culex quinquefasciatus Strain from Rio de Janeiro, Brazil. *Mem.Inst.Oswaldo Cruz* 94: 121-122.
Chem Codes: Chemical of Concern: PPB,DEF,DDT,MLN,CPY,PIRM,PPX,CYP,DM,LCYT Code: NO DURATION.
- Goodrich, J. A., Lykins, B. W Jr, and Clark, R. M. (1991). Drinking Water From Agriculturally Contaminated Groundwater. *J environ qual* 20: 707-717.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gopalan, N., Bhattacharya, B. K., Prakash, Shri, and Rao, K. M. (1997). Characterization of Carboxylesterases From Malathion-Resistantculex Quinquefasciatussay (Diptera: Culicidae) Mosquitoes. *Pesticide Biochemistry and Physiology* 57: 99-108.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gorham, J. R. (1974). Malathion and Naled as Mosquito Adulticides in Alaska. *Mosq News* 34: 286-290.
Chem Codes: Chemical of Concern: MLN,Naled Code: NO CONC.
- Gould, F. (1991). Arthropod Behavior and the Efficacy of Plant Protectants. *Mittler, t. E., F. J. Radovsky and v. H. Resh (ed.). Annual review of entomology, vol. 36. 1x+703p. Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-0136-6. 0: 305-330.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Gould, W. P. (1998). Cold Torpor and Flight Threshold of Anastrepha Suspensa (Diptera: Tephritidae). *Florida entomologist* 81: 211-216.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gozek, K. (1996). Residues of Malathion in Stored Grains. *Bulletin of environmental contamination and toxicology* 57: 544-548.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Graham, J. A. (1987). High-Performance Liquid Chromatography for Determination of Trace Organic Compounds in Aqueous Environmental Samples Assessment of Current and Future Capabilities. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and*

toxicity testing Symposium held at the 188th meeting of the American Chemical Society, Philadelphia, Pennsylvania, USA, August 29-31, 1984. Xvi+797p. American Chemical Society: Washington, D.C., USA. Illus. ISBN 0-8412-0951-0.; 0: 97-136.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Gratz, N. G. (1991). Emergency Control of Aedes-Aegypti as a Disease Vector in Urban Areas. *J Am Mosq Control Assoc* 7: 353-365.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Gratzel, C. K., Jirousek, M., and Gratzel, M. (1990). Decomposition of Organophosphorus Compounds on Photoactivated Titanium Dioxide Surfaces. *J Mol Catal* 60: 375-388.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Greene, F., Passananti, G. T., and Stevens, J. T. (1973). Binding of Malathion, Parathion, and Their Oxygenated Analogs to Cytochrome P-450 in the Rat. *Fed. Proc. Fed. Amer. Soc. Exp. Biol.* 32: 761.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Greve, P. A., Freudenthal, J., and Wit, S. L. (1972). Potentially Hazardous Substances in Surface Waters. 2. Cholinesterase Inhibitors in Dutch Surface Waters. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 1, no. 3, pp. 253-265. 1972.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Griesemer, R. A. and Cueto, C. Jr (Toward a Classification Scheme for Degrees of Experimental Evidence for the Carcinogenicity of Chemicals for Animals. *Iarc (Int. Agency Res. Cancer) Sci. Publ.* 1980, 27() 259-281.

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Griffin, III Darrell E. and Hill, Walter E. (1978). In Vitro Breakage of Plasmid DNA by Mutagens and Pesticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 52: 161-169.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Griffini, O., Bao, M. L., Barbieri, C., Burrini, D., and Pantani, F. (1997). Occurrence of Pesticides in the Arno River and in Potable Water: A Survey of the Period 1992-1995. *Bulletin of Environmental Contamination and Toxicology* 59: 202-209.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Grimm, C. and Guharay, F. (1998). Control of Leaf-Footed Bug *Leptoglossus zonatus* and Shield-Backed Bug *Pachycoris klugii* with Entomopathogenic Fungi. *Biocontrol Science and Technology*, 8 (3) pp. 365-376, 1998.

Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.

Grisamore, S. B., Hile, J. P., and Otten, R. J. (1991). Pesticide Residues on Grain Products. *Cereal Foods World* 36: 434-437.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Grob, K., Biedermann, M., and Giuffrè, A. M. (1994). Determination of Organophosphorus Insecticides in Edible Oils and Fats by Splitless Injection of the Oil into a Gas Chromatograph (Injector-Internal Headspace Analysis). *Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung* 198: 325-328.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gruber, S. J. and Munn, M. D. (1998). Organophosphate and Carbamate Insecticides in Agricultural Waters and Cholinesterase (Che) Inhibition in Common Carp (*Cyprinus Carpio*). *Arch. Environ. Contam. Toxicol.* 35: 391-396.

Chem Codes: Chemical of Concern: DZ,CPY,AZ,DS,CBL,MLN,EP Code: MIXTURE.

Guddewar, Madhukar B. and Dauterman, Walter C. (1979). Purification and Properties of a Glutathione-S-

- Transferase From Corn Which Conjugates S-Triazine Herbicides. *Phytochemistry* 18: 735-740.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Guelden, M. and Seibert, H. (1996). Cytotoxic and Non-Cytotoxic Effects of the Meic Reference Chemicals on Spontaneously Contracting Primary Cultured Rat Skeletal Muscle Cells. *Toxicology in vitro* 10: 395-406.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Guha, A., Kumari, B., Bora, T. C., and Roy, M. K. (1997). Possible Involvement of Plasmids in Degradation of Malathion and Chlorpyrifos by Micrococcus Sp. *Folia microbiologica* 42: 574-576.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Guilbault, G. G. and Ngeh-Ngwainbi, J. (1988). Use of Protein Coatings on Piezoelectric Crystals for Assay of Gaseous Pollutants. *Hollenberg, c. P. And h. Sahm (ed.). Biotec, vol. 2. Biosensors and environmental biotechnology. Viii+149p. Vch publishers, inc.: New york, new york, usa Gustav fischer verlag: stuttgart, west germany. Illus. Paper. Isbn 0-89574-264-0; isbn 3-437-30579-4.; 0: 17-22.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gunderson, E. L. (1995). Dietary Intake of Pesticides, Selected Elements, and Other Chemicals: Fda Total Diet Study, June 1984-April 1986. *Journal of aoac international* 78: 910-921.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Gunderson, E. L. (1995). Fda Total Diet Study, July 1986-April 1991, Dietary Intakes of Pesticides, Selected Elements, and Other Chemicals. *Journal of aoac international* 78: 1353-1363.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Gunther, Alexander and Bilitewski, Ursula (1995). Characterisation of Inhibitors of Acetylcholinesterase by an Automated Amperometric Flow-Injection System. *Analytica Chimica Acta* 300: 117-125.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Gupta, R. C. and Paul, B. S. (1979). A Note on the Interaction of Malathion and Sumithion on Their Toxicity in Bubalus bubalis. *Indian J.Anim.Sci.* 49: 314-315.
Chem Codes: Chemical of Concern: FNT,MLN Code: MIXTURE.
- Gupta, S. C., Sahai, R., and Gupta, N. (1988). Cytogenetic Effects of Malathion on Buffalo Blood Cultures. *Curr sci (bangalore)* 57: 280-281.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Gupta, S. C., Sahai, R., and Gupta, N. (1996). Cytogenetic Effects of Organophosphate Pesticides on Goat Lymphocytes in Culture. *Asian-australasian journal of animal sciences* 9: 449-454.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Gupta, Vinod K., Jain, C. K., Ali, Imran, Chandra, S., and Agarwal, S. (2002). Removal of Lindane and Malathion From Wastewater Using Bagasse Fly Ash--a Sugar Industry Waste. *Water Research* 36: 2483-2490.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Guy, Richard H., Hadgraft, Jonathan, and Maibach, Howard I. (1983). Percutaneous Absorption: Multidose Pharmacokinetics. *International Journal of Pharmaceutics* 17: 23-28.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Guzzella, L. and Mingazzini, M. (1994). Biological Assaying of Organic Compounds in Surface Waters. *Water science and technology* 30: 113-124.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Guzzella, L. and Sora, S. (1998). Mutagenic Activity of Lake Water Samples Used as Drinking Water Resources in Northern Italy. *Water research* 32: 1733-1742.

- Chem Codes: Chemical of Concern: MLN Code: FATE.
- Haas, C. N., Cidambi, K., Kersten, S., and Wright, K. (1996). Quantitative Description of Mixture Toxicity: Effect of Level of Response on Interactions. *Environmental toxicology and chemistry* 15: 1429-1437.
Chem Codes : Chemical of Concern: MLN Code: MODELING.
- Hagstrum, D. W. (1990). Simulations Comparing the Effectiveness of Various Stored-Grain Management Practices Used to Control Rhyzopertha Dominica (Coleoptera: Bostrichidae). Au - Flinn Pw. *Environ entomol* 19: 725-729.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Haley, K. J. and Mortensen, M. E. (1990). Intraosseous Infusion of Antidote in an Organophosphate Poisoned Child. *American association of poison control centers, american academy of clinical toxicology, american board of medical toxicology, canadian association of poison control centers scientific meeting, tucson, arizona, usa, september 14-18, 1990. Vet hum toxicol* 32: 370.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Halfon, E., Galassi, S., Bruggemann, R., and Provini, A. (1996). Selection of Priority Properties to Assess Environmental Hazard of Pesticides. *Chemosphere* 33: 1543-1562.
Chem Codes: Chemical of Concern: MLN Code : SURVEY.
- Hall, G. L., Whitehead, W. E., Mourer, C. R., and Shibamoto, T. (1986). A New Gas Chromatographic Retention Index for Pesticides and Related Compounds. *J high resolut chromatogr chromatogr commun* 9: 266-271.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hall, L. W Jr and Anderson, R. D. (1995). The Influence of Salinity on the Toxicity of Various Classes of Chemicals to Aquatic Biota. *Critical reviews in toxicology* 25: 281-346.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hall, S. and Godwin-Saad, E. (1996). Effects of Pollutants on Freshwater Organisms. *Water environment research* 68: 776-784.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hallberg, G. R. (1989). Pesticide Pollution of Groundwater in the Humid Usa. *Agric ecosyst environ* 26: 299-368.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Halliday, W. R. (1991). Hydrolytic Resistance Mechanisms in Stored Product Insects. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 135.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Hama, H., Ando, S., Hosoda, A., Suzuki, K., and Takagi, Y. (1995). Insecticide Resistance in Cotton Aphid, Aphis Gossypii Glover (Homoptera: Aphididae) Iv. Susceptibility of Four Clones Separated From Vivipara of Field Populations to Various Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 39, no. 2, pp. 117-125. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Hameed, S. F. and Lal, R. (1973). Residues of Malathion on Cabbage, Cauliflower and Knol-Khol Estimated by Bioassay and Chemical Assay Methods. *Indian J.Entomol.* 33: 326-337.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hamel, D. (Effectiveness of Organophosphorus Insecticides Against Stored-Product Insects in Wheat. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987).* 350-351.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Haney, A. F., Hughes, Susan F., and Hughes, Jr. Claude L. (1984). Screening of Potential Reproductive Toxicants by Use of Porcine Granulosa Cell Cultures. *Toxicology* 30: 227-241.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hanna, P. A., Jankovic, J., and Kirkpatrick, J. B. (1999). Multiple System Atrophy: the Putative Causative Role of Environmental Toxins. *Archives of neurology* 56: 90-94.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Hansen, C. (The Use of Environmental Safety Factors in Denmark. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x.; 0 (0). 1996. 537-548.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Hansen, L. B., Castillo, G. D., and Biehl, E. R. (Gas Chromatographic-Mass Spectrometric Characterization of an Alteration Product of Malathion Detected in Stored Rice. *J assoc off anal chem. 1981, sep; 64(5):1232-7. [Journal - association of official analytical chemists]: J Assoc Off Anal Chem.*
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Hanzal, R. F., Horn, H. J., and Hazelton, L. W. (1954). Anticholinesterase Activity of Parathion and Malathion. *Fed.Proc.* 13: 363-364 (ABS).
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT/NOT PURSUING.
- Hardt, I. H., Wolf, C., Gehrcke, B., Hochmuth, D. H., Pfaffenberger, B., and Huehnerfuss, H. (1994). Gas Chromatographic Enantiomer Separation of Agrochemicals and Polychlorinated Biphenyls Pcb's Using Modified Cyclodextrins. *Hrc journal of high resolution chromatography* 17: 859-864.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Harman-Fetcho, J. A., McConnell, L. L., and Baker, J. E. (1999). Agricultural Pesticides in the Patuxent River, a Tributary of the Chesapeake Bay. *Journal of environmental quality* 28: 928-938.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Harman-Fetcho, J. A., McConnell, L. L., Rice, C. P., and Baker, J. E. (2000). Wet Deposition and Air-Water Gas Exchange of Currently Used Pesticides to a Subestuary of the Chesapeake Bay. *Environmental Science & Technology [Environ. Sci. Technol.]. Vol. 34, no. 8, pp. 1462-1468. 15 Apr 2000.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Harriman, R. and Pugh, K. B. (1994). Water Chemistry. *Maitland, p. S., P. J. Boon and d. S. Mclusky (ed.). The fresh waters of scotland: a national resource of international significance. Xiv+639p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-94462-9.; 0: 89-112.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Harris, C. R. and Svec, H. J. (1970). Laboratory Studies on the Contact Toxicity of Some Insecticides to Honeybees. *Proc.Entomol.Soc.Ont.* 100: 165-167.
Chem Codes: Chemical of Concern: ES,MXC,PSM,MLN,DZ,MOM,CBF,PRN,Naled,AZ,DMT,CBL,DLD Code: PUBL AS.
- Harris, M. L., Bishop, C. A., Struger, J., Van, D. E. N. Heuvel Mr, Van, D. E. R. Kraak GJ, Dixon, D. G., Ripley, B., and Bogart, J. P. (1998). The Functional Integrity of Northern Leopard Frog (*Rana pipiens*) and Green Frog (*Rana clamitans*) Populations in Orchard Wetlands: I. Genetics, Physiology, and Biochemistry of Breeding Adults and Young-of-the-Year. *Environmental toxicology and chemistry* 17: 1338-1350.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Hart, A. L., Collier, W. A., and Janssen, D. (1997). The Response of Screen-Printed Enzyme Electrodes Containing Cholinesterases to Organo-Phosphates in Solution and From Commercial Formulations. *Biosensors &*

bioelectronics 12: 645-654.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Hart, J. P. and Wring, S. A. (1997). Recent Developments in the Design and Application of Screen-Printed Electrochemical Sensors for Biomedical, Environmental and Industrial Analyses. *Trends in analytical chemistry* 16: 89-103.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Hartley, I. C. and Hart, J. P. (1994). Amperometric Measurement of Organophosphate Pesticides Using a Screen-Printed Disposable Sensor and Biosensor Based on Cobalt Phthalocyanine. *Analytical proceedings* 31: 333-337.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Harvey, R. G., Dekker, J. H., Fawcett, R. S., Roeth, F. W., and Wilson, R. G. (1987). Enhanced Biodegradation of Herbicides in Soil and Effects on Weed Control. *Weed Technol.* 1: 341-349.

Chem Codes: Chemical of Concern: MLN,CBF,CPY,BTY,EPTC Code: REVIEW.

Haseman, J. K. and Clark, A. M. (1990). Carcinogenicity Results for 114 Laboratory Animal Studies Used to Assess the Predictivity of Four in Vitro Genetic Toxicity Assays for Rodent Carcinogenicity. *Environ mol mutagen suppl* 0: 15-31.

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Hatakeyama, S., Shiraishi, H., and Uno, S. (1997). Overall Pesticide Effects on Growth and Emergence of Two Species of Ephemeroptera in a Model Stream Carrying Pesticide-Polluted River Water. *Ecotoxicology* 6: 167-180.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Hatrik, S. and Tekel, J. (1996). Extraction Methodology and Chromatography for the Determination of Residual Pesticides in Water. *Journal of chromatography a* 733: 217-233.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Haubenstricker, M. E., Meier, P. G., Mancy, K. H., and Brabec, M. J. (1990). Rapid Toxicity Testing Based on Yeast Respiratory Activity. *Bull environ contam toxicol* 44: 669-674 .

Chem Codes: Chemical of Concern: MLN Code: YEAST.

He, F. (1999). Biological Monitoring of Exposure to Pesticides: Current Issues. *Toxicology letters (shannon)* 108: 277-283.

Chem Codes: Chemical of Concern: MLN Code : SURVEY.

Hebling-Beraldo, M. J. A. and Vicelli-Zanao, R. C. (1983). Effects of Organophosphorus and Carbamates Insecticides on the Oxygen Consumption of *Atta Laevigata* (F. Smith, 1858) and *Atta Sexdens Rubropilosa* Forel 1908 (Hymenoptera, Formicidae). *CIENC. CULT. Vol. 35, no. 2, pp. 211-214. 1983.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Heidari, R., Devonshire, A. L., Campbell, B. E., Bell, K. L., Dorrian, S. J., Oakeshott, J. G. , and Russell, Dr. R. J. (2004). Hydrolysis of Organophosphorus Insecticides by in Vitro Modified Carboxylesterase E3 From *Lucilia Cuprina*. *Insect Biochemistry and Molecular Biology* 34: 353-363.

Chem Codes: Chemical of Concern: MLN Code : IN VITRO.

Heidari, Rama, Devonshire, Alan L., Campbell, Bronwyn E., Dorrian, Susan J., Oakeshott, John G., and Russell, Robyn J. (2005). Hydrolysis of Pyrethroids by Carboxylesterases From *Lucilia Cuprina* and *Drosophila Melanogaster* With Active Sites Modified by in Vitro Mutagenesis. *Insect Biochemistry and Molecular Biology* 35: 597-609.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Heimbuch, J. A. and Wilhelmi, A. R. (Wet Air Oxidation a Treatment Means for Aqueous Hazardous Waste Streams. *J hazard mater*; 12 (2). 1985 (recd. 1986). 187-200.
Chem Codes: Chemical of Concern: MLN Code : METHODS.
- Heinz, G. H., Hill, E. F., Stickel, W. H., and Stickel, L. F. (1979). Environmental Contaminant Studies by the Patuxent Wildlife Research Center; In: Kenaga,E.E. (Ed) Avian and Mammalian Wildlife Toxicology. *In: Kenaga,E.E.(Ed) Avian and Mammalian Wildlife Toxicology* 9-35.
Chem Codes: EcoReference No.: 37069
Chemical of Concern:
ADC,PPX,OXD,CPY,DEM,TMP,FNTH,MRX,PCB,ES,CHD,TXP,AND,EN,HPT,DDT,PRN,CBF,MLN,
DCTP,DLD,ZnP,Hg Code: REVIEW.
- Hela, D. G., Lambropoulou, D. A., Konstantinou, I. K., and Albanis, T. A. (2005). Environmental Monitoring and Ecological Risk Assessment for Pesticide Contamination and Effects in Lake Pamvotis, Northwestern Greece. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 24, no. 6, pp. 1548-1556. Jun 2005.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hellawell, J. M. (1988). Toxic Substances in Rivers and Streams. *Environ pollut* 50: 61-86.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hellmann, B. (Determination of Malathion and Malaoxon in Cereals.) Oznaczenie Malationu I Malaoksonu W Produktach Zbozowych. *Rocz. Panstw. Zakl. Hig.* 24(2): 175-179 1973.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Hemingway, J., Akood, M., Lines, J. D., Curtis, C. F., and Davidson, G. (1980). Organophosphate and Carbamate Resistance and Susceptibility in the Adults and Larvae of Anopheles Species. *Trans.R.Soc.Trop.Med.Hyg.* 74: 677-678 (ABS).
Chem Codes: Chemical of Concern: DLD,PPX,TMP,MLN Code: ABSTRACT.
- Hemingway, J., Small, G. J., Monro, A., Sawyer, B. V., and Kasap, H. (1992). Insecticide Resistance Gene Frequencies in Aphopheles Sacharovi Populations of the Cukurova Plain, Adana Province, Turkey. *Medical and Veterinary Entomology [MED. VET. ENTOMOL.]*. Vol. 6, no. 4, pp. 342-348. 1992.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Hemingway, Janet (1985). Malathion Carboxylesterase Enzymes in Anopheles Arabiensis From Sudan. *Pesticide Biochemistry and Physiology* 23: 309-313.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hendriks, A. J., Pieters, H., and De Boer J (1998). Accumulation of Metals, Polycyclic (Halogenated) Aromatic Hydrocarbons, and Biocides in Zebra Mussel and Eel From the Rhine and Meuse Rivers. *Environmental toxicology and chemistry* 17: 1885-1898.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Henriques, W., Jeffers, R. D., Lacher, T. E Jr, and Kendall, R. J. (1997). Agrochemical Use on Banana Plantations in Latin America: Perspectives on Ecological Risk. *Environmental toxicology and chemistry* 16: 91-99.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Henry, B., Grant, S. G., Klopman, G., and Rosenkranz, H. S. (Induction of Forward Mutations at the Thymidine Kinase Locus of Mouse Lymphoma Cells: Evidence for Electrophilic and Non-Electrophilic Mechanisms. *Mutat res* 1998 feb 2;397(2):313-35: *Mutat Res* .
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Herath, P. R. J. and Joshi, G. P. (1989). Pesticide Selection Pressure on Anopheles subpictus in Sri Lanka: Comparison with Two Other Sri Lankan Anophelines. *Trans.R.Soc.Trop.Med.Hyg.* 83: 565-567.

- Chem Codes: Chemical of Concern: MLN,FNT,PPX,DDT,DLD,DM Code: NO CONC .
- Herkimer, M., Kinnear, D., Krauth, P., Loader, K., Okey, R., Rawlings, L., and Reynolds, F. (1998). Biomonitoring. *Water environment research* 70: 954-962.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hernandez, F., Serrano, R., Pitarch, E., and Lopez, F. J. (1998). Automated Sample Clean-up Procedure for Organophosphorus Pesticides in Several Aquatic Organisms Using Normal Phase Liquid Chromatography. *Analytica chimica acta* 374: 215-229.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hernandez-Hernandez, C. N. A., Valle-Mora, J., Santiesteban-Hernandez, A., and Bello-Mendoza, R. (2007). Comparative Ecological Risks of Pesticides Used in Plantation Production of Papaya: Application of the Synops Indicator. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 381, no. 1-3, pp. 112-125. 1 Aug 2007.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Hernandez-Hernandez, F., Grases, J. M., Beltran, J., and Sancho, J. V. (1990). A Comparative Study of Different Multiresidue Methods for the Determination of Pesticides in Fruit Samples by Gas Chromatography. *Chromatographia* 29: 459-466.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, and Lozano Garcia a (1988). New Data Concerning the Indirect Determination of the Insecticide Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 38: 355-361.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, and Rodriguez Martin V (1988). Application of the Formation of the Organophosphorus Palladium Complex Determination of Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 37: 275-281.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, Rodriguez Martin V, and Sanchez Lopez E (1985). Indirect Determination of the Pesticide Malathion by Atomic Absorption Spectrophotometry. *Anal lett* 18: 2069-2081.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Herricks, E. E. (1987). Symposium on the Effects of Contaminants on Ecological Systems Blacksburg Virginia Usa November 17-19 1986. *Water sci technol* 19: 1-124.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hertzman, C., Wiens, M., Bowering, D., Snow, B., and Calne, D. (1990). Parkinson's Disease: a Case-Control Study of Occupational and Environmental Risk Factors. *Am j ind med* 17: 349-356.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Hillmann, R. and Baechmann, K. (1995). Extraction of Pesticides Using Supercritical Trifluoromethane and Carbon Dioxide. *Journal of chromatography a* 695: 149-154.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hiskia, A. E., Atmajidou, M. E., and Tsipi, D. F. (1998). Determination of Organophosphorus Pesticide Residues in

- Greek Virgin Olive Oil by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 46: 570-574.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hladka, A., Kovac, J., and Krampl, V. (Residue Determination of Organophosphorus Pesticides in Animal Tissues by Temperature Programmed Gc and Tlc Methods. *Fresenius' z. Anal. Chem.* 274(5): 371-373 1975..
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Hodgson, E. (1987). Reviews in Environmental Toxicology 3. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: Xi+287p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hoellinger, H., Sonnier, M., Gray, A. J., Connors, T. A., Pichon, J., and Nguyen-Hoang-Nam (1985). In Vitro Covalent Binding of Cismethrin, Bioresmethrin, and Their Common Alcohol to Hepatic Proteins. *Toxicology and Applied Pharmacology* 77: 11-18.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hoffman, E. R. (1995). Biochemical, Fitness, and Genetic Effects of DDT and Malathion Selection on Two Populations of Chironomus riparius: Population and Insecticide Specific Response to Selection for Resistance. *Ph.D.Thesis, Ohio State Univ., Columbus, OH* 158 p. (UMI #9526035) (Publ As 14897, 89488, 89489, 89490).
Chem Codes: Chemical of Concern: MLN,DDT Code: PUBL AS.
- Hoffman, E. R., Fishar, S. W., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Comparison of a Field and Derived Laboratory Population of Chironomus Riparius: Biochemical and Fitness Evidence for Population Divergence. **13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.**
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Hoffman, R. S., Capel, P. D., and Larson, S. J. (2000). Comparison of Pesticides in Eight U.s. Urban Streams. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 19, no. 9, pp. 2249-2258. Aug 2000.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Hofi, A. A., Fayed, A. E., Abou Arab a Ak, and Magdoub, M. Ni (1989). Influence of Insecticide Residues on Growth and Activity of Streptococcus-Diacetilactis and Leuconostoc-Cremoris. *Mircen j appl microbiol biotechnol* 5: 181-186.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Holiday, A. D. and Hardin, D. P. (1980). Activated Carbon Treatment of Pesticide Containing Water. *Chem.Eng.* :6 p.
Chem Codes: Chemical of Concern: 24DXY,TBO,PRT,MLN,MTL,CBL,ATZ Code: NO SPECIES.
- Holland, P. T., Mcnaughton, D. E., and Malcolm, C. P. (1994). Multiresidue Analysis of Pesticides in Wines by Solid-Phase Extraction. *Journal of aoac international* 77: 79-86.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Hollingshaus, J. G. and Fukuto, T. R. (1982). Effect of Chronic Exposure to Pesticides on Delayed Neurotoxicity. *In: J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems, Raven Press, NY* 85, 113-120.
Chem Codes: Chemical of Concern: As,Pb,Hg,Ni,Tl,MLN Code: REVIEW.
- Holstege, D. M., Scharberg, D. L., Richardson, E. R., and Moller, G. (1991). Multiresidue Screen for

Organophosphorus Insecticides Using Gel Permeation Chromatography - Silica Gel Cleanup.

J.Assoc.Off.Anal.Chem. 74: 394-399.

Chem Codes: Chemical of Concern:

PTP,PPHD,MDT,IFP,FNF,FMP,EP,ACP,AZ,CPY,CMPH,DZ,DS,DDVP,DMT,FNTH,MLN,MP,MVP,Na
led,PRN,PRT,PHSL,PSM,TBO,DEM,DS,ETN,SLCD Code: IN VITRO.

Holstege, D. M., Scharberg, D. L., Tor, E. R., Hart, L. C., and Galey, F. D. (1994). A Rapid Multiresidue Screen for Organophosphorus, Organochlorine, and N-Methyl Carbamate Insecticides in Plant and Animal Tissues.

Journal of aoac international 77: 1263-1274.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Holwerda, B. C. and Morton, R. A. (1983). The in Vitro Degradation of (Super(14)C)Malathion by Enzymatic Extracts From Resistant and Susceptible Strains of Drosophila Melanogaster . *Pesticide Biochemistry and Physiology [PESTIC. BIOCHEM. PHYSIOL.]*. Vol. 20, no. 2, pp. 151-160. 1983.

Chem Codes: Chemical of Concern: MLN Code : IN VITRO, METABOLISM.

Hong, F. and Pehkonen, S. (1997). Pesticides Hydrolysis Using Simulated Environmental Conditions Rates Mechanisms and Product Analysis. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Envr 80.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Hong, J., Eo, Y., Rhee, J., Kim, T., and Kim, K. (1993). Simultaneous Analysis of 25 Pesticides in Crops Using Gas Chromatography and Their Identification by Gas Chromatography-Mass Spectrometry. *J chromatogr* 639: 261-271.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Hong, S. and Lemley, A. T. (1997). Gc-Ms Analysis of Alachlor Malathion and Their Degradation Products by Direct Injection of Aqueous Samples. *214th american chemical society national meeting, las vegas, nevada, usa, september 7-11, 1997. Abstracts of papers american chemical society* 214: Agro 66.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Honmi, Y., Miyata, T., and Saito, T. (1987). Cross Resistance in the Brown Planthopper, Nilaparvata Lugens Staal (Hemiptera: Delphacidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 31, no. 1, pp. 76-78. 1987.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Hontela, A., Rasmussen, J. B., and Chevalier, G. (1993). Endocrine Responses as Indicators of Sublethal Toxic Stress in Fish From Polluted Environments. *Water pollution research journal of canada* 28: 767-780.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Hoogweg, P. Ha, Wulffraat, K. J., and Van, D. E. Wetering B Gm (1991). North Sea Strategies. *International conference on the environmental management of enclosed coastal seas '90, kobe, japan, august 3-6, 1990. Mar pollut bull* 23: 57-62.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Hooper, G. H. S. (1976). Esterase Mediated Hydrolysis of Naphthyl Esters, Malathion, Methoprene, and Cecropia Juvenile Hormone in Culex Pipiens Pipiens. *Insect Biochemistry* 6: 255-266.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM, IN VITRO.

Hopper, M. L. and King, J. W. (1991). Enhanced Supercritical Fluid Carbon Dioxide Extraction of Pesticides From Foods Using Pelletized Diatomaceous Earth. *J assoc off anal chem* 74: 661-666.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Hopper, M. L., King, J. W., Johnson, J. H., Serino, A. A., and Butler, R. J. (1995). Multivessel Supercritical Fluid Extraction of Food Items in Total Diet Study. *Journal of aoac international* 78: 1072-1079.

Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.

Hornby, J. A., Robinson, J., Opp, W., and Sterling, M. (Laser-Diffraction Characterization of Flat-Fan Nozzles Used to Develop Aerosol Clouds of Aerially Applied Mosquito Adulticides. *J am mosq control assoc.* 2006, dec; 22(4):702-6. [*Journal of the american mosquito control association*]: *J Am Mosq Control Assoc.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Hornsby, A. G., Buttler, T. M., and Brown, R. B. (1993). Managing Pesticides for Crop Production and Water Quality Protection: Practical Grower Guides. *Agriculture ecosystems & environment* 46: 187-196.

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Hosoda, A. (1989). Incidence of Insecticide Resistance in the White-Backed Planthopper, *Sogatella Furcifera* Horvath (Homoptera: Delphacidae) to Organophosphates. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 33, no. 4, pp. 193-197. 1989.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Hosokawa, M., Maki, T., and Satoh, T. (1986). Multiplicity and Regulation of Three Isozymes of Hepatic Microsomal Carboxylesterase in Rats. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 174.

Chem Codes: Chemical of Concern: MLN Code : IN VITRO.

Hosokawa, M., Satoh, T., Ohkawara, S., Ohmori, S., Igarashi, T., Ueno, K., and Kitagawa, H. (1985). Characterization and Purification of Various Carboxylesterase Isozymes From Rat Liver Microsome. *16th symposium on drug metabolism and action, gifu, japan, nov. 9-10, 1984. J pharmacobiodyn* 8: S-155.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Hou, X., Fields, P., and Taylor, W. (2004). Combination of Protein-Rich Pea Flour and Pea Extract With Insecticides and Enzyme Inhibitors for Control of Stored-Product Beetles. *Canadian Entomologist [Can. Entomol.]*. Vol. 136, no. 4, pp. 581-590. Jul-Aug 2004.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Houk, Virginia S. and DeMarini, David M. (1987). Induction of Prophage Lambda by Chlorinated Pesticides. *Mutation Research/Environmental Mutagenesis and Related Subjects* 182: 193-201.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Hour, T. C., Chen, L., and Lin, J. K. (1998). Comparative Investigation on the Mutagenicities of Organophosphate, Phthalimide, Pyrethroid and Carbamate Insecticides by the Ames and Lactam Tests. *Mutagenesis* 13: 157-166.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

House, W. A., Leach, D., Long, J. L. A., Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers: U.K. Fluxes to the North Sea, Land Ocean Interaction Study (LOIS) Rivers Basins Research, the First Two Years. *Science of The Total Environment* 194-195: 357-371.

Chem Codes: Chemical of Concern: MLN Code: FATE.

House, W. A., Leach, D., Long, J. La, Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers. *Science of the total environment* 194-195: 357-371.

Chem Codes: Chemical of Concern: MLN Code: FATE.

House, W. A., Rae, J. E., and Kimblin, R. T. (1992). Source-Sediment Controls on the Riverine Transport of Pesticides.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Houx, N. W. H., Jongen, W. M. F., De Vries, A. W., Welling, W., and Dekker, A. (Analysis of Polar Metabolites of Organophosphorus Insecticides on an Anion-Exchange Chromatographic Column. *Pestic. Sci.* 10(3): 185-200 1979 (24 references).

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Howgate, P. (1998). Review of the Public Health Safety of Products From Aquaculture. *International journal of food science & technology* 33: 99-125.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Hoy, M. A. (1990). Pesticide Resistance in Arthropod Natural Enemies Variability and Selection Responses. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. Ix+303p. Routledge, chapman and hall: new york, new york, usa* London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 203-236.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Hsiao Cheng-Ting, Yang Chen-Chang, Deng Jou-Fang , Bullard, M. J., and Liaw Shiumn-Jen (1996). Acute Pancreatitis Following Organophosphate Intoxication. *Journal of Toxicology: Clinical Toxicology [J. TOXICOL.: CLIN. TOXICOL.]*. Vol. 34, no. 3, pp. 343-347. May 1996.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Huang, C. C. (1973). Effect on Growth but not on Chromosomes of the Mammalian Cells After Treatment with Three Organophosphorus Insecticides (36952). *Proc.Soc.Exp.Biol.Med.* 142: 36-40.

Chem Codes: Chemical of Concern: MLN,DS,MP Code: HUMAN HEALTH.

Huck, P. M. and Toft, P. (1987). Treatment of Drinking Water for Organic Contaminants Second National Conference Edmonton Alberta Canada April 7-8 1986. *Huck, p. M. And p. Toft (ed.). Treatment of drinking water for organic contaminants* Second national conference, edmonton, alberta, canada, april 7-8, 1986. Ix+383p. Pergamon press: new york, new york, usa; oxford, england, uk. Illus. Maps. Isbn 0-08-031876-2.; 0: Ix+383p.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Huddleston, E. W., Ledson, T. M., Ross, J. B., Sanderson, R., Miller, D. R., Steinke, W. E., Aylor, D. E., and Perry, S. G. (Development of a Pesticide Drift Model for Orchard Air-Blast Spraying. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x; 0 (0). 1996. 1187-1192.*

Chem Codes: Chemical of Concern: MLN Code: FATE.

Huff, J. E., Bates, R., Eustis, S. L., Haseman, J. K., and McConnell, E. E. (1985). Malathion and Malaoxon: Histopathology Reexamination of the National Cancer Institute's Carcinogenesis Studies. *Environmental Research* 37: 154-173.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Husain, M. M. (1995). Combined Action of Piperonyl Butoxide and Some Insecticides on Tribolium Confusum Duval. *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 27, no. 4, pp. 377-378. 1995.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Huston, Patrick L. and Pignatello, Joseph J. (1999). Degradation of Selected Pesticide Active Ingredients and Commercial Formulations in Water by the Photo-Assisted Fenton Reaction. *Water Research* 33: 1238-1246.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Hutchinson, T. H., Scholz, N., and Guhl, W. (1998). Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iv - Comparative Toxicity of Chemical Substances to Freshwater Versus Saltwater Organisms. *Chemosphere* 36: 143-153.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

- Hutchinson, T. H., Solbe, J., and Kloepper-Sams, P. J. (Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iii - Comparative Toxicity of Chemical Substances to Different Life Stages of Aquatic Organisms.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Igarashi, A., Ohtsu, S., Muroi, M., and Tanamoto, K. (2006). Effects of Possible Endocrine Disrupting Chemicals on Bacterial Component-Induced Activation of NF-KB. *Biol.Pharm.Bull.* 29: 2120-2122.
Chem Codes: Chemical of Concern:
ACR,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,TFN,VCZ,Ziram
Code: IN VITRO.
- Igarashi, A., Ohtsu, S., Muroi, M., and Tanamoto, K. (2006). Effects of Possible Endocrine Disrupting Chemicals on Bacterial Component-Induced Activation of Nf-Kb. *Biol.Pharm.Bull.* 29: 2120-2122.
Chem Codes: Chemical of Concern:
ACR,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,TFN,VCZ,Ziram
Code: IN VITRO.
- Illing, H. Pa (1997). Is Working in Greenhouses Healthy? Evidence Concerning the Toxic Risks That Might Affect Greenhouse Workers. *Occupational medicine (london)* 47: 281-293.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Imamura, T., Gandy, J., and Hasegawa, L. (1985). Development of Tolerance to a Pneumotoxic Impurity of Malathion. *J toxicol environ health* 15: 279-292.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Imamura, Toshiko and Talcott, Ronald E. (1985). Mutagenic and Alkylating Activities of Organophosphate Impurities of Commercial Malathion. *Mutation Research/Genetic Toxicology* 155: 1-6.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ingram, J. C., Groenewold, G. S., Appelhans, A. D., Delmore, J. E., Olson, J. E., and Miller, D. L. (1997). Direct Surface Analysis of Pesticides on Soil, Leaves, Grass, and Stainless Steel by Static Secondary Ion Mass Spectrometry. *Environmental science & technology* 31: 402-408.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Inoue, S., Saito, T., Mase, H., Suzuki, Y., Takazawa, K., Yamamoto, I., and Inokuchi, S. (Rapid Simultaneous Determination for Organophosphorus Pesticides in Human Serum by Lc-Ms. *J pharm biomed anal.* 2007, may 9; 44(1):258-64. [*Journal of pharmaceutical and biomedical analysis*]: *J Pharm Biomed Anal.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,CHEM METHODS.
- Inoue, Y. and Mihara, M. (1975). Studies on the Japanese Chironomid Midges as a Nuisence. 1.larvicidal Effects of Some Organophosphorus Insecticides Against the Last Instar Larvae of Chironomus Yoshimatsui Martin and Sublette. *Jap. J. Sanit. Zool. Vol. 26, no. 2-3, pp. 135-138. 1975.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ishaaya, I., Yablonski, S., Wright, J. E., and Retnakaran, A. (eds) (1987). Toxicity of Two Benzoylphenyl Ureas Against Insecticide Resistant Mealworms.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Isono, H. and Miyaura, S. (Direct Detection of Glutathione-S-Transferase on a Gel Plate by Treatment With Glutathione and 1 Chloro-2 4-Dinitrobenzene. *Eisei kagaku*; 31 (6). 1985 (recd. 1986). 377-384.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Isshiki, K., Miyata, K., Matsui, S., Tsutsumi, M., and Watanabe, T. (1983). Effects of Post-Harvest Fungicides and Piperonyl Butoxide on the Acute Toxicity of Pesticides in Mice. Safety Evaluation for Intake of Food Additives. Iii. *J. FOOD HYG. SOC. JAP. Vol. 24, no. 3, pp. 268-274. 1983.*
Chem Codes: Chemical of Concern: MLN Code : NON-ENGLISH.

- Ito, N., Hagiwara, A., Tamano, S., Hasegawa, R., Imaida, K., Hirose, M., and Shirai, T. (1995). Lack of Carcinogenicity of Pesticide Mixtures Administered in the Diet at Acceptable Daily Intake (ADI) Dose Levels in Rats. *Toxicol.Lett.* 82/83: 513-520.
Chem Codes: Chemical of Concern: MYC,MLX,FRM,VCZ,BS,FNV,CYF,CYH,OML,TDF,MZB,Maneb,CAP,DBN,TFN,GYP,24D,CTZ,PSM ,PMR,CYP,DCF,TCM,TCF,ACP,CPY,DDVP,DMT,ES,FNT,MLN,MDT,PIRM,FST Code: MIXTURE.
- Ivashin, V. M., Bandazhevsky, Y. u. I., Obozny, N. D., and Zakharchenko, R. G. (1989). Development of Addiction to Carbophos in the Offspring of Rats at Administration During Pregnancy. *FARMAKOL. TOKSIKOL. no. 1, pp. 87-89. 1989.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ivashin, V. M., Chumakova, O. V., Bandazhevsky, Y. I., Obozny, N. D., and Zakharchenko, R. G. (1991). Activity of Cholinesterase and Rate of Maturation of Sensomotor Reflexes in the Albino Rat Offspring Following Carbophos Administration During Pregnancy. *FARMAKOL. TOKSIKOL. Vol. 54, no. 2, pp. 80-81. 1991.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. Iv. Results With 15 Chemicals. *Environmental and molecular mutagenesis, vol. 14, no. 3, pages 165-187, 8 references, 1989.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. 4.results With 15 Chemicals. *Environ mol mutagen 14:165-187,1989: ENVIRON MOL MUTAGEN.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Iyaniwura, T. T. (1990). In Vitro Toxicology of Organophosphorus Pesticide Combinations. *In vitro toxicol* 3: 373-377.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Iyaniwura, T. T. (1991). Non-Target and Environmental Hazards of Pesticides. *Rev environ health* 9: 161-176.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Iyer, V. and Parmar, B. S. (The Isomalathion Problem a Review. *Int j trop agric; 2 (3). 1984 (recd. 1985). 199-204.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Jackson, J. A., Berkman, C. E., and Thompson, C. M. (1992). Stereoselective and Chemoselective Oxidation of Phosphorothionates Using Mmpp. *Tetrahedron lett* 33: 6061-6064.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Jadhav, R. K., Sharma, V. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1992). Distribution of Malathion in Body Tissues and Fluids. *Forensic sci int* 52: 223-229.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Jaffe, P. R. (1986). Modeling Sorbing Chemicals Considering the Nonsingular Adsorption-Desorption Isotherm. *J environ sci health part a environ sci eng* 21: 55-70.
Chem Codes : Chemical of Concern: MLN Code: MODELING.
- Jamal, G. A. (1997). Neurological Syndromes of Organophosphorus Compounds. *Adverse drug reactions and toxicological reviews* 16: 133-170.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Jani, J. P., Gupta, S. K., and Kashyap, S. K. (Nutritional Deficiency and Pesticide Toxicity an Experimental Study.

- 16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. *Indian j pharmacol*; 16 (1). 1984 (recd. 1985). 58.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Jauregui, J., Valderrama, B., Albores, A., and Vazquez-Duhalt, R. (2003). Microsomal Transformation of Organophosphorus Pesticides by White Rot Fungi. *Biodegradation* 14: 397-406.
Chem Codes: Chemical of Concern: TCF,TBF,AZ,CPY,FNF,MLN,PSM,TBO Code: FATE.
- Javaid, I. and Mpotokwane, S. M. (1997). Evaluation of Plant Material for the Control of *Callosobruchus Maculatus* Fabricius Coleoptera Bruchidae in Cowpea Seeds. *African entomology* 5: 357-359.
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.
- Jayawardena, K. G. I., Karunaratne SHPP, Ketterman, A. J., and Hemingway, J. *. (1994). Determination of the Role of Elevated B Sub(2) Esterase in Insecticide Resistance in *Culex Quinquefasciatus* (Diptera: Culicidae) From Studies on the Purified Enzyme. *Bulletin of Entomological Research [BULL. ENTOMOL. RES.]*. Vol. 84, no. 1, pp. 39-44. 1994.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Jeanty, G., Wojciechowska, A., Marty, J. L., and Trojanowicz, M. (Flow-Injection Amperometric Determination of Pesticides on the Basis of Their Inhibition of Immobilized Acetylcholinesterases of Different Origin. *Anal bioanal chem.* 2002, apr; 373(8):691-5. [Analytical and bioanalytical chemistry]: *Anal Bioanal Chem.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Jensen, E. (1992). Integrated Pest Management at the Grower Level. *International meeting on integrated control of pests and diseases in protected crops and greenhouses, noordwijkerhout, netherlands, may 19-20, 1992. Pestic sci* 36: 355-357.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Jensen, I. H. and Bile, N. (1996). Danish Pest Infestation Laboratory Annual Report 1995. *Danish pest infestation laboratory annual report 1995*: I-ii, 1-85.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Jetten, J., De Kruijf N, and Van, D. E. N. Berg F (1994). Polyethylene Terephthalate Bottles (Prbs): a Health and Safety Assessment. Au - Feron Vj. *Food additives and contaminants* 11: 571-594.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Jianmongkol, S., Berkman, C. E., Thompson, C. M. , and Richardson, R. J. *. (1996). Relative Potencies of the Four Stereoisomers of Isomalathion for Inhibition of Hen Brain Acetylcholinesterase and Neurotoxic Esterase in Vitro. *Toxicology and Applied Pharmacology [TOXICOL. APPL. PHARMACOL.]*. Vol. 139, no. 2, pp. 342-348. Aug 1996.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Jianmongkol, Suree, Marable, Brian R., Berkman, Clifford E., Talley, Todd T., Thompson, Charles M., and Richardson, Rudy J. (1999). Kinetic Evidence for Different Mechanisms of Acetylcholinesterase Inhibition by (1r)- and (1s)-Stereoisomers of Isomalathion. *Toxicology and Applied Pharmacology* 155: 43-53.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Martin, M. T., and Mayorga, A. L. (1998). Solid-Phase Microextraction Applied to the Analysis of Pesticide Residues in Honey Using Gas Chromatography With Electron-Capture Detection. *Journal of chromatography a* 829: 269-277.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Toribio, L., and Martin, M. T. (1998). Gas Chromatography With Electron-Capture and Nitrogen-Phosphorus Detection in the Analysis of Pesticides in Honey After Elution From a Florisil Column: Influence of the Honey Matrix on the Quantitative Results. *Journal of*

chromatography 823: 381-387.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Jin, O. and Kitos, P. (1996). Teratogenic Synergy Between a Thiocarbamate Herbicide and an Organophosphorus Insecticide. *Experimental biology 96, part ii, washington, d.c., Usa, april 14-17, 1996. Faseb journal* 10: A792.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Jinxu, S., Bo, C., and Peipei, Y. (2005). Assessment on Acute Toxicity of Combined Pesticides. *J.Hyg.Res.(Wei Sheng Yan Jiu)* 29: 65-68 (CHI) (ENG ABS).

Chem Codes: Chemical of Concern: MOM,OMT,ACYP,DM,MP,DDVP,MTM,PFF,MLN Code: NON-ENGLISH.

Johansen, N. G., Hutte, R. S., and Legier, M. F. (1991). A Gas Chromatography Detector Based on Chemiluminescence for the Determination of Pesticides. *Hall, j. R. And g. D. Glysson (ed.). Astm (american society for testing materials) special technical publication, 1102. Monitoring water in the 1990's: meeting new challenges* Symposium, denver, colorado, usa, june 11-14, 1990. Viii+618p. Astm: philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1407-9.; 0: 255-266.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Johnson, J. C., Van Emon Jm, Pullman, D. R., and Keeper, K. R. (1998). Development and Evaluation of Antisera for Detection of the O,O-Diethyl Phosphorothionate and Phosphorothionothiolate Organophosphorus Pesticides by Immunoassay. *Journal of agricultural and food chemistry* 46: 3116-3123.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Johnson, P. D., Rimmer, D. A., and Brown, R. H. (1997). Adaptation and Application of a Multi-Residue Method for the Determination of a Range of Pesticides, Including Phenoxy Acid Herbicides in Vegetation, Based on High-Resolution Gel Permeation Chromatographic Clean-up and Gas Chromatographic Analysis With Mass-Selective Detection. *Journal of chromatography a* 765: 3-11.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Johnson, T. B. and Long, E. R. (1998). Rapid Toxicity Assessment of Sediments From Estuarine Ecosystems: a New Tandem in Vitro Testing Approach. *Environmental toxicology and chemistry* 17: 1099-1106.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Johnson, W. E., Fendinger, N. J., and Plimmer, J. R. (1991). Solid-Phase Extraction of Pesticides From Water: Possible Interferences From Dissolved Organic Material. *Anal chem* 63: 1510-1513.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).

Chem Codes: Chemical of Concern:

EDT,RSM,Captan,CBF,CBL,DFZ,PSM,24DXY,ACP,ACR,AZ,BS,Captan,CMPH,CPY,DBN,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,MDT,MLN,MLT,MOM,MP,Naled,OYZ,PRT,SZ,TBC,TPR,As,P b Code: PUBL AS.

Johnston, Gail (1995). The Study of Interactive Effects of Pollutants: a Biomarker Approach: Environmental Toxicology: Hazards to the Environment and Man in the Mediterranean Region. *Science of The Total Environment* 171: 205-212.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Jones, F. W. (1996). Multiresidue Analysis of Pesticides in Wool Wax and Lanolin Using Gel Permeation and Gas Chromatography. *Journal of agricultural and food chemistry* 44: 3197-3201.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

- Jones, F. W. (1997). The Removal of Pesticide Residues From Wool Wax by Solvent Extraction. *Journal of the american oil chemists' society* 74: 1241-1245.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.
- Jones, F. W. (1997). Removal Pesticides From Wool Wax by Continuous Countercurrent Dual-Solvent Extraction. *Journal of the american oil chemists' society* 74: 1247-1253.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.
- Jones, K. L. and Heath, R. T. (1989). The Effect of Malathion on Dissolved Organic Phosphorus Compounds of an Acid Bog Lake. *Ohio Journal of Science [OHIO J. SCI.]*. Vol. 89, no. 2, 44 p. 1989.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Jongenotter, G. A., Kerkhoff, M. At, Van, D. E. R. Knaap H Cm, and Vandeginste, B. Gm (Automated on-Line Gpc-Gc-Fpd Involving Co-Solvent Trapping and the on-Column Interface for the Determination of Organophosphorus Pesticides in Olive Oils.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Jortner, Bernard S. (2006). The Return of the Dark Neuron. A Histological Artifact Complicating Contemporary Neurotoxicologic Evaluation. *NeuroToxicology* 27: 628-634.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Juhler, R. K. (1997). Optimized Method for the Determination of Organophosphorus Pesticides in Meat and Fatty Matrices. *Journal of chromatography a* 786: 145-153.
Chem Codes : Chemical of Concern: MLN Code: NO TOX DATA.
- Juhler, R. K., Lauridsen, M. Green, Christensen, M. Rindom, and Hilbert, G. (1999). Pesticide Residues in Selected Food Commodities: Results From the Danish National Pesticide Monitoring Program 1995-1996. *Journal of aoac international* 82: 337-358.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Jurs, P. C., Stouch, T. R., Czerwinski, M., and Narvaez, J. N. (1985). Computer-Assisted Studies of Molecular Structure-Biological Activity Relationships. *J chem inf comput sci* 25: 296-308.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kachroo, A. (2002). Age Related Differences in the Metabolism of, and Protection Against a Variety of Organophosphorus Compounds in the Rat, *Rattus norvegicus*. *Ph.D.Thesis, Mississippi State Univ.,MS* 122 p.
Chem Codes: Chemical of Concern: PCB,DZ,AZ,DMT,DDVP,CMPH,MLO,CPYO Code: IN VITRO.
- Kadoun, A. M. and Sae, S. W. (A Simple Agar Gel Electrophoretic Method to Investigate Esterase Inhibition in Certain Stored Grain Insects by Malathion and Its Oxygen Analogue. *Bull. Environ. Contam. Toxicol.*; 5(3): 237-42, 1970; (ref:5).
Chem Codes: Chemical of Concern: MLO Code : IN VITRO.
- Kahn, E., Berlin, M., Deane, M., Jackson, R. J., and Stratton, J. W. (1992). Assessment of Acute Health Effects From the Medfly Eradication Project in Santa Clara County, California. *Arch environ health* 47: 279-284.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kahru, A., Tomson, K., Pall, T., and Kulm, I. (1996). Study of Toxicity of Pesticides Using Luminescent Bacteria Photobacterium Phosphoreum. *Water Science and Technology* 33: 147-154.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kamal, M. A. (1997). Effect of Malathion on Kinetic Parameters of Acetylcholinesterase (Ec 3.1.1.7) In Vitro. *Biochemistry and molecular biology international* 43: 89-97.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Kamimura, K. and Maruyama, Y. (1983). Appearance of Highly Resistant Strain of *Culex tritaeniorhynchus* to Organophosphorus Insecticides. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 34, no. 1, pp. 33-37. 1983.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kamiya, M. and Kameyama, K. (1998). Photochemical Effects of Humic Substances on the Degradation of Organophosphorus Pesticides. *Chemosphere* 36: 2337-2344.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kammerbauer, J. and Moncada, J. (1998). Pesticide Residue Assessment in Three Selected Agricultural Production Systems in the Choluteca River Basin of Honduras. *Environmental pollution* 103: 171-181.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Kamrin, M. A. (1997). Pesticide Profiles Toxicity Environmental Impact and Fate. *Kamrin, m. A. (Ed.). Pesticide profiles: toxicity, environmental impact, and fate*. Xix+676p. Crc press publishers inc.: Boca raton, florida, usa London, england, uk. Isbn 1-56670-190-2.; 0: Xix+676p.
Chem Codes : Chemical of Concern: MLN Code: REVIEW.
- Kan-Do Office and Pesticides Team (1995). Accumulated Pesticide and Industrial Chemical Findings From a Ten-Year Study of Ready-to-Eat Foods. *Journal of aoac international* 78: 614-630.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kanazawa, J. (1987). Biodegradability of Pesticides in Water by Microbes in Activated Sludge Soil and Sediment. *Environ monit assess* 9: 57-70 .
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kandoria, J. L. and Singh, H. (Effect of Ulv Sprayers on the Size and Density of Droplets of Malathion Lvc. *Indian j entomol*; 46 (1). 1984 (recd. 1987). 92-100.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Kao, Chao-Hsing and Sun, Chih-Ning (1991). In Vitro Degradation of Some Organophosphorus Insecticides by Susceptible and Resistant Diamondback Moth. *Pesticide Biochemistry and Physiology* 41: 132-141.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Kao, L. R., Motoyama, N., and Dauterman, W. C. (1985). Multiple Forms of Esterases in Mouse, Rat, and Rabbit Liver, and Their Role in Hydrolysis of Organophosphorus and Pyrethroid Insecticides. *Pesticide Biochemistry and Physiology* 23: 66-73.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kao, S. S. and Tzeng, C. C. (1985). Results of Laboratory Tests on the Toxicity of 24 Pesticides Against Pupae of *Trichogramma chilonis* Ishii (Hymenoptera, Trichogrammatidae). *Bulletin of the Society of Entomology National Chung Hsing [BULL. SOC. ENTOMOL., NATL. CHUNG HSING UNIV.]*. Vol. 18, pp. 13-24. 1985.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kao Suey-Sheng and Tzeng Ching-Chou (1992). A Survey of the Susceptibility of Rice Moth (*Corcyra cephalonica*) and Angoumois Moth (*Sitotroga cerealella*) to Malathion and Phoxim. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 12, no. 4, pp. 239-245. 1992.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kapoli, Panagiota, Axarli, Irene A., Platis, Dimitris, Fragoulaki, Maria, Paine, Mark, Hemingway, Janet, Vontas, John, and Labrou, Nikolaos E. (2008-). Engineering sensitive glutathione transferase for the detection of xenobiotics. *Biosensors and Bioelectronics* 24: 498-503.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Karimov, B. K., Keyser, D., Huehnerfuss, H., and Moeller, K. (1998). Combined Toxicity of Heavy Metals and Pesticides on Embryonic and Larval Stages of Carp (*Cyprinus Carpio* L.) In Salinized Water. Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Karpas, Z. and Pollevoy, Y. (1992). Ion Mobility Spectrometric Studies of Organophosphorus Compounds. *Anal chim acta* 259: 333-338. Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kashyap, N. P. and Walia, P. C. (Dissipation of Malathion and Fenitrothion Residues on Okra Fruits. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 23-25.* Chem Codes: Chemical of Concern: MLN Code: FATE, NO TOX DATA.
- Kashyap, N. P. and Walia, P. C. (1986). Insecticide Residues on Okra. *Goel, s. C. (Ed.). Insect and environment, vol. 2. Pesticide residues and environmental pollution National symposium, muzaffarnagar, india, october 2-4, 1985. Xxii+293p. Sanatan dharm college: muzaffarnagar, india. Illus.; 0: 45-49.* Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Kashyap, S. K. (1986). Health Surveillance and Biological Monitoring of Pesticide Formulators in India. *Toxicology Letters* 33: 107-114. Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kasilo, O. J., Hobane, T., and Nhachi, C. Fb (1991). Organophosphate Poisoning in Urban Zimbabwe. *J appl toxicol* 11: 269-272. Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Katayama, Y., Horide, F., and Tsuji, K. (1989). A Study on the Stability of Alpha Cyanobenzyl Ester-Type Pyrethroids in Mineral Carriers in the Presence of Malathion. *J pestic sci* 14: 53-58. Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kathpal, T. S. and Kumari, B. (Pesticidal Contamination of Environment Its Implications and Management. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2); 0 (0). 1998. 535-551.* Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kaur, I., Mathur, R. P., and Tandon, S. N. (1997). Parameters Affecting the Decay of Some Organophosphorus Pesticides: a Study by High-Performance Liquid Chromatography. *Biomedical chromatography* 11: 22-24. Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kawakami, Y. (1989). Insecticide Resistance of *Culex pipiens molestus* Forskal Collected in Shinjuku-ku, Tokyo. *Jpn.J.Sanit.Zool.* 40: 217-220 (JPN) (ENG ABS). Chem Codes: EcoReference No.: 100465
Chemical of Concern: MLN,DZ,DDVP,TMP,FNT,CPYM,PTR,FNTH,PMR,PPX,PTP Code: NON-ENGLISH.
- Kawakami, Y. (1989). Insecticide-Resistance of *Culex Pipiens Molestus* Forskal Collected in Shinjuku-Ku, Tokyo. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 40, no. 3, pp. 217-220. 1989. Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kawata, K., Mukai, H., Tanabe, H., and Yasuhara, A. (1996). Annual Variation of Insecticides in Precipitation in Rural Japan. *Bulletin of environmental contamination and toxicology* 57: 853-858.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Kawata, K., Mukai, H., and Yasuhara, A. (1995). Monitoring of Pesticides in Air by Gas Chromatography-Mass Spectrometry and the Use of Quartz-Fibre Wool and Activated Carbon for Sampling. *Journal of chromatography a* 710: 243-250.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Kawate, M. K. and Coughlin, J. A. (Mediterranean Fruit Fly Control on Persimmon 1989. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 78. Ab - biosis copyright: biol abs. Rrm diospyros-kaki ceratitis-capitata malathion nu-lure insect bait pesticide insecticide.*

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Keadtisuke, S. and Fukuto, T. (1986). Adult Fanconi Syndrome Induced by Malathion Impurities in the Rat. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Kearney, Philip C., Muldoon, Mark T., and Somich, Cathleen J. (1987). Uv-Ozonation of Eleven Major Pesticides as a Waste Disposal Pretreatment. *Chemosphere* 16: 2321-2330.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Keck, J., Sims, R. C., Coover, M., Park, K., and Symons, B. (1989). Evidence for Cooxidation of Polynuclear Aromatic Hydrocarbons in Soil. *Water res* 23: 1467-1476.

Chem Codes : Chemical of Concern: MLN Code: FATE.

Keeble, Vera B., Correll, Linda, and Ehrich, Marion (1993). Evaluation of Knit Glove Fabrics as Barriers to Dermal Absorption of Organophosphorus Insecticides Using an in Vitro Test System. *Toxicology* 81: 195-203.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Keith, J. O. and Bruggers, R. L. (1998). Review of Hazards to Raptors From Pest Control in Sahelian Africa. *Journal of raptor research* 32: 151-158.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Keith, J. O. and Flickinger, E. L. (1964). Effects of Malathion on the Abundance and Food Habits of Songbirds. *In: Circular No.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildl.Serv., Fish and Wildl.Serv.* 46 (Publ As 2187).

Chem Codes: Chemical of Concern: MLN Code: PUBL AS.

Keller, A. E. and Ruessler, S. (1996). Malathion Toxicity to Three Life Stages of Unionid Mussels. *Journal of Shellfish Research* 15: 485.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Kennedy, E. R., Abell, M. T., Reynolds, J., and Wickman, D. (A Sampling and Analytical Method for the Simultaneous Determination of Multiple Organophosphorus Pesticides in Air. *American industrial hygiene association journal*; 55 (12). 1994. 1172-1177.

Chem Codes: Chemical of Concern: MLN Code: METHODS, HUMAN HEALTH.

Kent, R., Belitz, K., Altmann, A. J., Wright, M. T., and Mendez, G. O. (Occurrence and Distribution of Pesticide Compounds in Surface Water of the Santa Ana Basin, California, 1998-2001. *Govt reports announcements & index (gra&i), issue 12, 2006.*

Chem Codes: Chemical of Concern: MLN Code: FATE.

Kertesz, M. A., Cook, A. M., and Leisinger, T. (1994). Microbial Metabolism of Sulfur-and Phosphorus-Containing Xenobiotics. *Fems microbiology reviews* 15: 195-215.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Key, P. B., Fulton, M. H., Harman Fetcho, J. A., and McConnell, L. L. (2003). Acetylcholinesterase Activity in Grass Shrimp and Aqueous Pesticide Levels From South Florida Drainage Canals. *Archives of Environmental Contamination and Toxicology [Arch. Environ. Contam. Toxicol.]*. Vol. 45, no. 3, pp. 371-377. Oct 2003.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Khan, M., Gassman, M., and Haque, R. (Biodegradation of Pesticides. *Chem. Technol.* 6(1): 62-69 1976..

Chem Codes: Chemical of Concern: MLO Code: METABOLISM.

Khan, S. and Khan, N. N. (1986). The Mobility of Some Organophosphorus Pesticides in Soils as Affected by Some Soil Parameters. *Soil sci* 142: 214-222.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Khan, S., Qureshi, M. A., and Singh, J. B. (1996). Studies on the Mobility of Heavy Metals in Soil. *Indian journal of environmental health* 38: 1-6.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Khavkin, M. J. and Khavkin, J. A. (1996). A Ferromagnetic Biosensor for Simple Assay of Organophosphate Pesticides. *Analytical letters* 29: 1041-1054.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Khayamian, T. and Jafari, M. T. (Design for Electrospray Ionization-Ion Mobility Spectrometry. *Anal chem.* 2007, apr 15; 79(8):3199-205. [*Analytical chemistry*]: *Anal Chem.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Khuhawar, M. Y., Channar, A. H., and Lajwani, S. N. (1997). Indirect Liquid Chromatographic Determination of Malathion in Formulations, Based on the Formation of Palladium (Ii)-Dimethyldithiophosphate Complex. *Journal of chromatography a* 758: 159-162.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Kiefer, M. and Salisbury, S. (Health Hazard Evaluation Report Heta 95-0333-2546, Dekalb County Board of Health, Decatur, Georgia. *Govt reports announcements & index (gra&i)*, issue 23, 2096.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Kiermeier, F., Wildbrett, F., and Lettenmayer, L. (Influence of Organic Insecticides on Enzymes. V. Effect of Xanthine Dehydrase in Milk. *Z. Lebensm. Untersuch. Forsch.*; 133(1):22-6, 1967.

Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Kilgore, G. M., Huddleston, E. W., Ledson, T. M. , Ross, J. B., Sanderson, R., and Steiner, R. L. (1996). Prediction of Spray Drift Using Insecticide Tracers and Two Types of Collector. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 31: 847-857.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Killeen, S. (1997). Development and Use of Environmental Quality Standards (Eqss) for Priority Pesticides. *Pesticide science* 49: 191-195.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Kim, Yang-Hoon, Ahn, Ji-Young, Moon, Seung-Hyeon , and Lee, Jeewon (2005). Biodegradation and Detoxification of Organophosphate Insecticide, Malathion by Fusarium Oxysporum F. Sp. Pisi Cutinase. *Chemosphere* 60: 1349-1355.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

Kimbrough, R. A. and Litke, D. W. (1996). Pesticides in Streams Draining Agricultural and Urban Areas in

- Colorado. *Environmental science & technology* 30: 908-916.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kimmel, Marek (2007-). Ovide Arino, a personal memory. *Journal of Theoretical Biology* 244: 365-366.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kimmel, Marek (2007). Special issue dedicated to the memory of Ovide Arino. *Mathematical Biosciences* 206: 173-175.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kindervater, Ralf, Kunnecke, Wolfgang, and Schmid, Rolf D. (1990). Exchangeable Immobilized Enzyme Reactor for Enzyme Inhibition Tests in Flow-Injection Analysis Using a Magnetic Device. Determination of Pesticides in Drinking Water. *Analytica Chimica Acta* 234: 113-117.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- King, J. W., Hopper, M. L., Luchtefeld, R. G., Taylor, S. L., and Orton, W. L. (1993). Optimization of Experimental Conditions for the Supercritical Carbon Dioxide Extraction of Pesticide Residues From Grains. *Journal of aoac international* 76: 857-864.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kjeldsen, P., Kjolholt, J., Schultz, B., Christensen, T. H., and Tjell, J. C. (1990). Sorption and Degradation of Chlorophenols, Nitrophenols and Organophosphorus Pesticides in the Subsoils Under Landfills: Laboratory Studies. *J contam hydrol* 6: 165-184.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kjolholt, J. (Occurrence of Organophosphorus Compounds in Polluted Marine Sediments Near a Pesticide Manufacturing Plant. *Chemosphere*; 14 (11-12). 1985 (recd. 1986). 1763-1770.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kline, E. R., Mattson, V. R., Pickering, Q. H., Spehar, D. L., and Stephan, C. E. (1987). Effects of Pollution on Freshwater Organisms. *J water pollut control fed* 59: 539-572.
Chem Codes: Chemical of Concern: MLN Code: REVIEW, EFFLUENT.
- Klopman, G., Contreras, R., Rosenkranz, H. S., and Waters, M. D. (1985). Structure-Genotoxic Activity Relationships of Pesticides Comparison of the Results From Several Short-Term Assays. *Mutat res* 147: 343-356.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, YEAST.
- Koch, R. (The Significance of Toxic Substances in the Drinking Water. *Z. Gesamte hyg.* 23(2): 96-98 1977.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Kojima, H., Katsura, E., Takeuchi, S., Niiyama, K., and Kobayashi, K. (2004). Screening for Estrogen and Androgen Receptor Activities in 200 Pesticides by In Vitro Reporter Gene Assays Using Chinese Hamster Ovary Cells. *Environ.Health Perspect.* 112: 524-531.
Chem Codes: Chemical of Concern:
AND,HCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DFPM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,ETN,FMP,FNT,FNTH,GYP,IFP,MLN,MTM,MDT,MP,PRN,PRT,PHSL,PSM,PIRM,PFF,TBO,TVP,TCM,TCF,CYF,CYH,CYP,DM,EFX,FNV,FYT,FVL,PMR,PYN,TFT,TLM,BCD,BMY,CBL,CBD,CBF,CPM,MCB,MOM,MLT,OML,PHMD,PIM,TBC,THM,ACR,ASM,FTL,MTX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSFM,DFZ,DU,LNR,PPN,AMZ,BT,BPH,BTN,DZM,EXQ,FRM,FZN,ILL,IMC,IPD,MCPA,24D,PAQT,PDM,PCZ,SZD,TBA,TPE,TDF,TFZ,TFN,TFR,VCZ Code: IN VITRO.
- Koli, V. A., Yeragi, S. G., and Yeragi, S. S. (2002). Effects of the Pesticide Malathion on Acid Phosphatase Enzymes in Certain Tissues of the Marine Crab *Uca marionis* (Des) of Mithbav Creek. In: *Quadros*,

G.(Ed.),*Proceedings of the National Seminar on Creeks, Estuaries and Mangroves - Pollution and Conservation, 28th to 30th November, 2002, Thane, Vidya Prasarak Mandal's Publisher* 180-181.
Chem Codes: Chemical of Concern: MLN Code: NO SOURCE.

Koli, V. A., Yeragi, S. G., Yeragi, S. S., and Quadros, G. (ed) (2002). Effects of the Pesticide Malathion on Acid Phosphatase Enzymes in Certain Tissues of the Marine Crab *Uca Marionis* (Des) of Mithbav Creek. *Proceedings of the National Seminar on Creeks, Estuaries and Mangroves - Pollution and Conservation, 28th to 30th November, 2002, Thane. pp. 180-181. 2002.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Kolpin, D. W., Barbash, J. E., and Gilliom, R. J. (1998). Occurrence of Pesticides in Shallow Groundwater of the United States: Initial Results From the National Water-Quality Assessment Program. *Environmental science & technology* 32: 558-566.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Kolpin, D. W., Goolsby, D. A., and Thurman, E. M. (1995). Pesticides in Near-Surface Aquifers: an Assessment Using Highly Sensitive Analytical Methods and Tritium. *Journal of environmental quality* 24: 1125-1132.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Komolprasert, V. and Lawson, A. R. (1997). Considerations for Reuse of Poly(Ethylene Terephthalate) Bottles in Food Packaging: Migration Study. *Journal of agricultural and food chemistry* 45: 444-448.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Komolprasert, V., Lawson, A. R., and Hargraves, W. A. (1995). Analytical Method for Quantifying Butyric Acid Malathion and Diazinon in Recycled Polyethylene Terephthalate. *Journal of agricultural and food chemistry* 43: 1963-1965.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Korchinski, M., Theil, J., Wenger, B. S., and Wenger, E. (1987). The Role of Tryptophan in Preventing Malathion-Induced Teratogenesis in the Chick Embryo. *100th annual meeting of the american association of anatomists, washington, d.c., Usa, may 10-14, 1987. Anat rec* 218: 74a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Korchinski, M., Wenger, E. L., and Wenger, B. S. (1987). Biochemical Aspects of Malathion Teratogenesis in Chick Embryos. *Annual meeting of the american society of zoologists, american microscopical society, animal behavior society, the crustacean society, international association of astacology, and the society of systematic zoology, new orleans, louisiana, usa, december 27-30, 1987. Am zool* 27: 144a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Korth, W., Thomas, M., Foster, S., McCorkelle, G., and Bowmer, K. H. (1995). Toxicity of Rice and Maize Pesticides to *Ceriodaphnia* Sp.: Implications for Management of Irrigation Drainage Water in Australia. *Australasian Journal of Ecotoxicology [AUSTRALAS. J. ECOTOXICOL.]*. Vol. 1, no. 1, pp. 55-62. 1995.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.

Kot, A., Sandra, P., and David, F. (1994). Selectivity Tuning in Packed Column Sfc Separation of the Sixteen Priority Polycyclic Aromatic Hydrocarbons as an Example. *Hrc journal of high resolution chromatography* 17: 277-279.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Kotak, B. G., Hrudey, S. E., Kenefick, S. L., and Prepas, E. E. (1993). Toxicity of Cyanobacterial Blooms in Alberta Lakes. *Nineteenth annual aquatic toxicity workshop, edmonton, alberta, canada, october 4-7, 1992. Canadian technical report of fisheries and aquatic sciences* 0: 172-179.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Kralj, Mojca Bavcon, Trebse, Polonca, and Vasic, Vesna (2006). Insight in the Toxicity of Malathion

Photodegradation Product: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S249.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Krapac, I. G., Roy, W. R., Smyth, C. A., and Barnhardt, M. L. (1995). Occurrence and Distribution of Pesticides in Soil at Agrichemical Facilities in Illinois. *Journal of soil contamination* 4: 209-226.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Krause, R. T. and August, E. M. (1983). Applicability of a Carbamate Insecticide Multiresidue Method for Determining Additional Types of Pesticides in Fruits and Vegetables. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 66, no. 2, pp. 234-240. 1983.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Krause, W., Hamm, K., and Weissmuller, J. (1975). The Effect of Peroral Application of DDVP and Malathion on Spermatogenesis and Leydig Cells of the Juvenile Rat (Die Wirkung Peroraler Gaben von DDVP und Malathion auf Spermatogenese und Leydigzellen der Juvenilen Ratte). *Andrologia* 7: 109-116 (GER) (ENG ABS).

Chem Codes: EcoReference No.: 103504

Chemical of Concern: DDVP, MLN Code: NON-ENGLISH.

Kreuz, K., Fonne-Pfister, R., and Porgiglia, P. J. (1991). Organophosphorus Insecticides as Inhibitors of Cytochrome P450-Dependent Sulfonylurea Herbicide Metabolism. *Annual meeting of the american society of plant physiologists, albuquerque, new mexico, usa, july 28-august 1, 1991. Plant physiol (bethesda)* 96: 27.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Krieger, R. I., Ross, J. R., Thongsinthusak, T., Begum, S., and Leyva, J. (1990). Estimating Fieldworker Organophosphate Exposures Using Urinary Dialkylphosphates as Biomarkers. *199th aca (american chemical society) national meeting, boston, massachusetts, usa, april 22-27, 1990. Abstr pap am chem soc* 199: Agro 131.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Kroes, R., Galli, C., Munro, I., Schilter, B., Tran, L. A., Walker, R., and Wurtzen, G. (2000). Threshold of Toxicological Concern for Chemical Substances Present in the Diet: a Practical Tool for Assessing the Need for Toxicity Testing. *Food Chem. Toxicol.* 38: 255-312.

Chem Codes: Chemical of Concern: AZ, CBL, DMT, MLN, ADC, DZ, Captan, ATZ, MTM, ACP, MZB, PCB Code: REVIEW.

Kshirsagar, D. G., Shivaraman, N., Muthal, P. L., and Parhad, N. M. (1993). Malathion Degrading Organisms: Enrichment, Isolation and Identification. *Indian journal of environmental health* 35: 193-198.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Kubik, M., Nowacki, J., Michalczyk, L., Pidek, A., Warakomska, Z., and Goszczynski, W. (1998). Decay of Pesticides Residues in Bee Honey. *Journal of fruit and ornamental plant research* 6: 73-85.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

Kucklick, J. R. and Bidleman, T. F. (1994). Organic Contaminants in Winyah Bay, South Carolina I: Pesticides and Polycyclic Aromatic Hydrocarbons in Subsurface and Microlayer Waters. *Marine environmental research* 37: 63-78.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Kulkarni, A. P. and Hodgson, Ernest (1977). An Unusual Effect of N-Octylamine on the Cytochrome B5 Spectrum of Insect and Mammalian Microsomes. *Chemico-Biological Interactions* 17: 223-237.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Kulkarni, Arun P. and Hodgson, Ernest (1976). Spectral Characterization of Microsomal Cytochrome P-450 From the Midgut of the Tobacco Hornworm, *Manduca sexta* J. *Insect Biochemistry* 6: 385-390.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kulkarni, H. J. and Natekar, G. R. (Hyperglycemic Action of Malathion a Commonly Used Insecticide. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol*; 16 (1). 1984 (recd. 1985). **58-59**.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kulkarni, R. K. and Brueggemann, E. E. (1986). Specific Pollutant Adsorbent Polymers. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kumar, R. and Uppal, R. P. (1984). Biochemical Changes in Uterine and Ovarian Tissues of Rats Treated With Malathion. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol* 16: 59.
Chem Codes : Chemical of Concern: MLN Code: ABSTRACT.
- Kumaran, S. and Tran-Minh, C. (1992). Determination of Organophosphorous and Carbamate Insecticides by Flow Injection Analysis. *Anal biochem* 200: 187-194.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kumari, B., Guha, A., Pathak, M. G., Bora, T. C., and Roy, M. K. (1998). Experimental Biofilm and Its Application in Malathion Degradation. *Folia microbiologica* 43: 27-30.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kumari Beena, Madan, V. K., and Kathpal, T. S. (2008). Status of Insecticide Contamination of Soil and Water in Haryana, India. *Environmental Monitoring and Assessment [Environ. Monit. Assess.]*. Vol. 136, no. 1-3, pp. 239-244. Jan 2008.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kunz, S. E. and Kemp, D. H. (Insecticides and Acaricides Resistance and Environmental Impact. *Uilenberg, g. Revue scientifique et technique office international des epizooties, vol. 13. No. 4. Ectoparasites of animals and control methods; (scientific and technical review international office of epizootics, vol. 13. No. 4. Ectoparasites of animals and control methods)*. 458p. *Office international des epizooties (oie): paris, france. Isbn 92-9044-365-0.; 0 (0). 1994. 1249-1286*.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Kuo, W. S. (1999). Effects of Photolytic Ozonation on Biodegradability and Toxicity of Industrial Wastewater. *Journal of environmental science and health part a toxic-hazardous substances & environmental engineering* 34: 919-933.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Kurata, Y., Shibata, M. A., Miyata, E., Hasegawa, R., and Ito, N. (1993). Evaluation of Carcinogenicity of Pesticides in a Medium-Term Liver Carcinogenicity Bioassay. *20th annual meeting of the japanese society of toxicological sciences, chiba, japan, july 29-30, 1993. Journal of toxicological sciences* 18: 418.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kurtz, D. A. (1990). Long Range Transport of Pesticides 195th National Meeting of the American Chemical Society Held Jointly With the Third Chemical Congress of North America Toronto Ontario Canada June 1988. *Kurtz, d. A. (Ed.). Long range transport of pesticides 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988*. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: Xv+462p.
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Kuwahara, M., Miyata, T., Saito, T., and Eto, M. (1981). Relationship Between High Esterase Activity and in Vitro Degradation of Super(14)C-Malathion by Organophosphate-Resistant and Susceptible Strains of the Kanzawa Spider Mite, Tetranychus Kanzawai Kishida (Acarina: Tetranychidae), and Their Inhibition With Specific Synergists. *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 297-305. 1981.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Labare, M. P. and Weiner, R. M. (1990). Interactions Between Shewanella Eolwelliana, Oyster Larvae, and Hydrophobic Organophosphate Pesticides. *Appl environ microbiol* 56: 3817-3821.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Labonde, J. (1996). Toxic Disorders. *Roszkopf, w. J. And r. W. Woerpel (ed.). Diseases of cage and aviary birds, third edition. Xv+1088p. Williams and wilkins co.: Baltimore, maryland, usa* London, england, uk. Isbn 0-683-07382-6.; 0: 511-522.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lacorte, S. and Barcelo, D. (1995). Determination of Organophosphorus Pesticides and Their Transformation Products in River Waters by Automated on-Line Solid-Phase Extraction Followed by Thermospray Liquid Chromatography-Mass Spectrometry. *Journal of chromatography a* 712: 103-112.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.
- Lacorte, S. and Barcelo, D. (1996). Improvements in the Determination of Organophosphorus Pesticides in Ground- and Wastewater Samples From Interlaboratory Studies by Automated on-Line Liquid-Solid Extraction Followed by Liquid Chromatography-Diode Array Detection. *Journal of chromatography a* 725: 85-92.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lacorte, S., Lartiges, S. B., Garrigues, P., and Barcelo, D. (1995). Degradation of Organophosphorus Pesticides and Their Transformation Products in Estuarine Waters. *Environmental science & technology* 29: 431-438.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lacorte, S., Molina, C., and Barcelo, D. (1993). Screening of Organophosphorus Pesticides in Environmental Matrices by Various Gas Chromatographic Techniques. *Anal chim acta* 281: 71-84.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lai, K., Stolowich, N. J., and Wild, J. R. (1995). Characterization of P-S Bond Hydrolysis in Organophosphorothioate Pesticides by Organophosphorus Hydrolase. *Archives of biochemistry and biophysics* 318: 59-64.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lakshmi, A. (1993). Pesticides in India Risk Assessment to Aquatic Ecosystems. *Science of the total environment* 0: 243-253.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lal, R. and Dhanaraj, P. S. (1985). Cellular Aspects of Microbe-Insecticide Interactions. *International Review of Cytology [INT. REV. CYTOL.]*. Vol. 96, pp. 239-259. 1985.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Lal, R. and Saxena, D. M. (1980). Cytological and Biochemical Effects of Pesticides on Microorganisms. *Residue Rev.* 73: 49-86.
Chem Codes: Chemical of Concern: PCB,ATZ,DDT,DLD,24DXY,HCCH,AND,Captan,CHD,CTN,DU,MLN,Hg Code: REVIEW.
- Lalah, J. O. and Wandiga, S. O. (2001). The Effect of Boiling on the Removal of Persistent Malathion Residues From Stored Grains. *Journal of Stored Products Research*, 38 (1) pp. 1-10, 2001.
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.

- Lalah, J. O. and Wandiga, S. O. (1996). The Persistence and Fate of Malathion Residues in Stored Beans (*Phaseolus Vulgaris*) and Maize (*Zea Mays*). *Pesticide science* 46: 215-220.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Lambert, M. Rk (1997). Environmental Effects of Heavy Spillage From a Destroyed Pesticide Store Near Hargeisa (Somaliland) Assessed During the Dry Season, Using Reptiles and Amphibians as Bioindicators. *Archives of environmental contamination and toxicology* 32: 80-93.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Lamey, H. A., Zollinger, R. K., McBride, D. K., Venette, R. C., and Vennette, J. R. (1991). Production Problems and Practices of Northarvest Dry Bean Growers in 1989. *N d farm res* 49: 17-24.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Lander, F. and Hinke, K. (1992). Indoor Application of Anti-Cholinesterase Agents and the Influence of Personal Protection on Uptake. *Arch environ contam toxicol* 22: 163-166.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Landis, W. G. and Defrank, J. J. (1990). Enzymatic Hydrolysis of Toxic Organofluorophosphate Compounds. *Kamely, d., A. Chakrabarty and g. S. Omenn (ed.). Advances in applied biotechnology series, vol. 4. Biotechnology and biodegradation International workshop, lisbon, portugal, june 1989. Xxiii+504p. Gulf publishing co.: Houston, texas, usa; london, england, uk. Illus. Isbn 0-943255-06-6; 0: 183-202.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Landrigan, P. J., Claudio, L., Markowitz, S. B., Berkowitz, G. S., Brenner, B. L., Romero, H., Wetmur, J. G., Matte, T. D., Gore, A. C., Godbold, J. H., and Wolff, M. S. (1999). Pesticides and Inner-City Children: Exposures, Risks, and Prevention. *Environmental health perspectives* 107: 431-437.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lange, Monica, Gebauer, Wolfgang, Markl, Jurgén, and Nagel, Roland (1995). Comparison of Testing Acute Toxicity on Embryo of Zebrafish, *Brachydanio Rerio* and Rtg-2 Cytotoxicity as Possible Alternatives to the Acute Fish Test. *Chemosphere* 30: 2087-2102.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lapirova, T. B. (2000). The Effect of Different Malathion Concentrations on Hematological Parameters of Carp Yearlings. *Biol. Vnutr. Vod/Biol. Inland Water. no. 4, pp. 141-145. 2000.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Larson, S. J., Capel, P. D., Goolsby, D. A., Zaugg, S. D., and Sandstrom, M. W. (1995). Relations Between Pesticide Use and Riverine Flux in the Mississippi River Basin. *Chemosphere* 31: 3305-3321.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lartiges, S. B. and Garrigues, P. (1995). Gas Chromatographic Analysis of Organophosphorus and Organonitrogen Pesticides With Different Detectors. *Analisis* 23: 418-421.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lartiges, S. B. and Garrigues, P. P. (1995). Degradation Kinetics of Organophosphorus and Organonitrogen Pesticides in Different Waters Under Various Environmental Conditions. *Environmental science & technology* 29: 1246-1254.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Le Goff, G., Boundy, S., Daborn, P. J., Yen, J. L., Sofer, L., Lind, R., Sabourault, C., Madi-Ravazzi, L., and ffrench-Constant, R. H. (2003). Microarray Analysis of Cytochrome P450 Mediated Insecticide Resistance in *Drosophila*. *Insect Biochemistry and Molecular Biology* 33: 701-708.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Lebel, G. L., Williams, D. T., and Benoit, F. M. (1987). Use of Large-Volume Resin Cartridges for the Determination of Organic Contaminants in Drinking Water Derived From the Great Lakes. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and toxicity testing* Symposium held at the 188th meeting of the american chemical society, philadelphia, pennsylvania, usa, august 29-31, 1984. Xvi+797p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-0951-0.; 0: 309-326.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lechner, D. W. and Abdel-Rahman, M. S. (1986). The Effect of Carbaryl and Malathion in Combination on Gamma Glutamyl Transpeptidase and Glutathione-S-Alkyltransferase Activity in-Vitro. *Arch environ contam toxicol* 15: 647-652.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lee, D. S. and Nicholson, K. W. (1994). The Measurement of Atmospheric Concentrations and Deposition of Semi-Volatile Organic Compounds. *Environmental monitoring and assessment* 32: 59-91.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lee, H. K. and Lai, Y. H. (1988). Studies on Malathion Residues in Tobacco Products by Capillary Column Gas Chromatography. *J singapore natl acad sci* 17: 111-114.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lee, K. W., Kim, H. C., Lee, S. H., Korch, G. W., and Klein, T. A. (1996). Susceptibility and Resistance to Diagnostic Doses of Insecticides on Vector and Nuisance Mosquitoes in Korea. *Korean J.Entomol.* 26: 249-256 (KOR) (ENG ABS).
Chem Codes: EcoReference No.: 99791
Chemical of Concern: MLN,TMP,CPY,FNTH,PPX,PMR Code: NON-ENGLISH.
- Lee, K. W., Kim, H. C., Lee, S. H., Korch, G. W., and Klein, T. A. (1996). Susceptibility and Resistance to Diagnostic Doses of Insecticides on Vector and Nuisance Mosquitoes in Korea. *Korean Journal of Entomology. Vol. 26, no. 3, pp. 249-256. Sep 1996.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Lee, S. E., Choi, W. S., Park, B. S., and Lee, B. H. (1998). A Spectrophotometric Assay for Cytochrome P450 Monooxygenase Activity. *Agricultural chemistry and biotechnology* 41: 213-217.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lee, S. E., Lees, E. M., and Campbell, B. C. (2000). Purification and Characterization of an Esterase Conferring Resistance to Fenitrothion in *Oryzaephilus Surinamensis* (L.) (Insecta, Coleoptera, Silvanidae). *Journal of Agricultural and Food Chemistry [J. Agric. Food Chem.]. Vol. 48, no. 10, pp. 4991-4996. 16 Oct 2000.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Lehotay, S. J. (1997). Supercritical Fluid Extraction of Pesticides in Foods. *Journal of chromatography a* 785: 289-312.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lehotay, S. J. and Eller, K. I. (1995). Development of a Method of Analysis for 46 Pesticides in Fruits and Vegetables by Supercritical Fluid Extraction and Gas Chromatography on Trap Mass Spectrometry. *Journal of aoac international* 78: 821-830.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lehotay, S. J., Harman-Fetcho, J. A., and McConnell, L. L. (1998). Agricultural Pesticide Residues in Oysters and Water From Two Chesapeake Bay Tributaries. *Marine pollution bulletin* 37: 32-44.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lehotay, S. J. and Lee, C. H. (1997). Evaluation of a Fibrous Cellulose Drying Agent in Supercritical Fluid

- Extraction and Pressurized Liquid Extraction of Diverse Pesticides. *Journal of chromatography a* 785: 313-327.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lehotay, S. J. and Valverde-Garcia, A. (1997). Evaluation of Different Solid-Phase Traps for Automated Collection and Clean-up in the Analysis of Multiple Pesticides in Fruits and Vegetables After Supercritical Fluid Extraction. *Journal of chromatography a* 765: 69-84.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Leighton, F. A. (1988). Some Observations of Diseases Occurring in Saskatchewan Canada Wildlife. *Blue jay* 46: 121-125.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lenoir, J., Aston, L., Datta, S., Fellers, G., McConnell, L., and Seiber, J. (1998). Pesticides and Pcb's in Sierra Nevada Ecosystems Potential Relationship to Decline of Amphibians. *216th national meeting of the american chemical society, boston, massachusetts, usa, august 23-27, 1998. Abstracts of papers american chemical society* 216: Envr 114.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lenon, H., Curry, L., and Miller, A. (1972). Insecticide Residues in Water and Sediment Cisterns on the Us and British Virgin Islands - 1970. *Pestic. Monit. J. Vol. 6, no. 3, pp. 188-193. 1972.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lentza-Rizos, C. (1996). Insecticides Authorized for Use on Olive Trees and the Relationship Between Their Registration and Residues in Olive Oil. *Grasas y aceites* 47: 392-396.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Leonard, R. A. (1990). Movement of Pesticides Into Surface Waters. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 303-350.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Leoni, V., Caricchia, A. M., and Chiavarini, S. (1992). Multiresidue Method for Quantitation of Organophosphorus Pesticides in Vegetable and Animal Foods. *J aoac (assoc off anal chem) int* 75: 511-518.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Leoni, V., Caricchia, A. M., Comi, R., Martini, F., Rodolico, S., and Vitali, M. (1995). Risk Assessment of Organophosphorus Pesticide Dietary Intake for the Population of the City of Rome Italy. *Bulletin of environmental contamination and toxicology* 54: 870-877 .
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Leoni, V., Cremisini, C., Giovino, R., Puccetti, G., and Vitali, M. (1992). Activated Sludge Biodegradation Test as a Screening Method to Evaluate Persistence of Pesticides in Soil. *The Science of The Total Environment* 123-124: 279-289.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Lepine, F. L. (1991). Effects of Ionizing Radiation on Pesticides in a Food Irradiation Perspective: a Bibliographic Review. *J agric food chem* 39: 2112-2118.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Leslie Hasegawa and Toshiko Imamura (1985). Inhibitory Effect of Various Organophosphorus Esters on Rat Liver Malathion Carboxylesterase in Vitro: Role of Mixed-Function Oxidases. *Toxicology Letters* 26: 225-231.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Lethbridge, G. and Burns, R. G. (1976). Inhibition of Soil Urease by Organophosphorus Insecticides. *Soil Biology and Biochemistry* 8: 99-102.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Levy, C. E., Doll, J. M., and Wright, M. E. (1987). Control of an Outbreak of Mosquito-Borne Encephalitis Along the Colorado River in 1983. *J.Am.Mosq.Control Assoc.* 3: 100-101.
Chem Codes: Chemical of Concern: MLN,TMP Code: REFS CHECKED/REVIEW.
- Lewis, M. A. (1986). Impact of a Municipal Wastewater Effluent on Water Quality, Periphyton, and Invertebrates in the Little Miami River Near Xenia, Ohio (Usa). *Ohio j sci* 86: 2-8.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Lewis, R. G., Fortune, C. R., Willis, R. D., Camann, D. E., and Antley, J. T. (1999). Distribution of Pesticides and Polycyclic Aromatic Hydrocarbons in House Dust as a Function of Particle Size. *Environmental health perspectives* 107: 721-726.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lewis, T. (1997). Chemical Control. *Lewis, t. (Ed.). Thrips as crop pests. Xii+740p. Cab international: wallingford, england, uk New york, new york, usa. Isbn 0-85199-178-5.; 0: 567-593.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Leyva, J., Lee, P., and Goh, K. S. (1998). Removal of Malathion Residues on Lettuce by Washing. *Bulletin of environmental contamination and toxicology* 60: 592-595.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Li, H., Schopfer, L. M., Nachon, F., Froment, M. T., Masson, P., and Lockridge, O. (Aging Pathways for Organophosphate-Inhibited Human Butyrylcholinesterase, Including Novel Pathways for Isomalathion, Resolved by Mass Spectrometry. *Toxicol sci.* 2007, nov; 100(1):136-45. [*Toxicological sciences : an official journal of the society of toxicology*]: *Toxicol Sci.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Li, S. N. and Fan, D. F. (1997). Activity of Esterases From Different Tissues of Freshwater Fish and Responses of Their Isoenzymes to Inhibitors. *Journal of toxicology and environmental health* 51: 149-157.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Li, W., Merrill, D. E., and Haith, D. A. (1990). Loading Functions for Pesticide Runoff. *Res j water pollut control fed* 62: 16-26.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Li, Z. C., Yost, R. S., and Green, R. E. (1998). Incorporating Uncertainty in a Chemical Leaching Assessment. *Journal of contaminant hydrology* 29: 285-299.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Liang, Ying, Liu, Xian Jin, Liu, Yuan, Yu, Xiang Yang, and Fan, Ming Tao (2008-). Synthesis of three haptens for the class-specific immunoassay of O,O-dimethyl organophosphorus pesticides and effect of hapten heterology on immunoassay sensitivity. *Analytica Chimica Acta* 615: 174-183.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Liao, W., Joe, T., and Cusick, W. G. (1991). Multiresidue Screening Method for Fresh Fruits and Vegetables With Gas Chromatographic/Mass Spectrometric Detection. *J assoc off anal chem* 74: 554-565.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Libes, S. M. (1992). An Introduction to Marine Biogeochemistry. *Libes, s. M. An introduction to marine biogeochemistry. Xv+734p. John wiley and sons, inc.: New york, new york, usa Chichester, england, uk. Isbn 0-471-50946-9.; 0: Xv+734p.*

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Light, K. E. (1985). Brief Malathion Exposure During the Late Brain Growth Spurt and the Long-Term Effects on Muscarinic and Histaminergic Receptor Binding in Rat Brain. *15th annual meeting of the society for neuroscience, part 2, dallas, tex., Usa, oct. 20-25, 1985. Soc neurosci abstr* 11: 993.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Lilius, H., Hastbacka, T., and Isomaa, B. (1996). A Combination of Fluorescent Probes for Evaluation of Cytotoxicity and Toxic Mechanisms in Isolated Rainbow Trout Hepatocytes. *Toxicology in vitro* 10: 341-348.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lilius, H., Sandbacka, M., and Isomaa, B. (1995). The Use of Freshly Isolated Gill Epithelial Cells in Toxicity Testing. *Toxicology in vitro* 9: 299-305.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lima, M. M. and Rey, L. (1990). Control of Triatomines Vectors of Chagas' Disease Fed on Blood-Baits Containing Synthetic Insecticides. *Proceedings of the xvii annual meeting on basic research in chagas' disease, caxambu, minas gerais, brazil, november 5-6, 1990. Mem inst oswaldo cruz rio j* 85: 115.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Lin, P. T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1983). Hydrolysis of Malathion by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 20: 232-237.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, Paul T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1984). Hydrolysis of Malathion Homologs by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 22: 110-116.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, Paul T., Main, A. R., Tucker, W. P., Motoyama, N., and Dauterman, W. C. (1984). Studies on Organophosphorus Impurities in Technical Malathion: Inhibition of Carboxylesterases and the Stability of Isomalathion. *Pesticide Biochemistry and Physiology* 21: 223-231.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, S., Marshall, E. G., and Davidson, G. K. (1994). Potential Parental Exposure to Pesticides and Limb Reduction Defects. *Scandinavian journal of work environment & health* 20: 166-179.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Lin, Y. W. and Hee, S. Sq (1998). Permeation of a Malathion Formulations Through Butyl Gloves. *Journal of hazardous materials* 60: 143-158.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Lin, Y. W. and Hee, S. Sq (1998). Simultaneous Gas Chromatographic-Mass Spectrometric Quantitation of the Alkylbenzene Inert Components, Pesticide Manufacturing by-Products and Active Ingredient in Two Malathion Formulations. *Journal of chromatography a* 814: 181-186.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Lindahl, I. L., Terrill, C. E., and Reynolds, P. J. (1971). Lambing Performance of Insecticide Fed Ewes. *J.Anim.Sci.* 33: 259 (ABS).

Chem Codes: Chemical of Concern: MXC,MLN Code: ABSTRACT.

Line, D. E., Osmond, D. L., Coffey, S. W., Arnold, J. A., Gale, J. A., Spooner, J., and Jennings, G. D. (1994). Fate and Effects of Pollutants Nonpoint Sources. *Water environment research* 66: 585-601.

Chem Codes: Chemical of Concern: MLN Code: FATE, EFFLUENT.

- Liquido, N. J., Cunningham, R. T., and Mcquate, G. T. (1997). Photoactive Dyes Mixed in Baits and Lures for Fruit Fly Suppression and Eradication. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 65s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Liska, I. (1993). On-Line Versus Off-Line Solid-Phase Extraction in the Determination of Organic Contaminants in Water Advantages and Limitations. *Journal of chromatography a* 655: 163-176.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Liska, I., Barcelo, D., and Grasserbauer, M. (1996). Strategy for the Screening of Organic Pollutants in a River Basin: an Overview of the Nitra River Monitoring Programme. *Trends in analytical chemistry* 15: 326-334.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Liu, B., Gao, X. W., and Zheng, B. Z. (2003). Effects of Sublethal Doses of Anticholinesterase Agents on Toxicity of Insecticides and Their Induction to Acetylcholinesterase (Ache) Activity in *Helicoverpa Armigera*. *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 46, no. 6, pp. 691-696. 2003.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Liu, J., Zhu, Y. N., Zhang, X. H., Wang, C. X., and Liang, Y. P. (2007). Pesticides Influence on the Chromium Adsorption of Paddy Soil. *Journal of Guilin University of Technology [J. Guilin Univ. Tech.]*. Vol. 27, no. 4, pp. 501-504. Nov 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE, NON-ENGLISH.
- Liu, M., Hashi, Y., Song, Y., and Lin, J. M. (2005-). Simultaneous Determination of Carbamate and Organophosphorus Pesticides in Fruits and Vegetables by Liquid Chromatography-Mass Spectrometry. *J. Chromatogr. A* 1097: 183-187.
Chem Codes: Chemical of Concern: MCB, ADC, CBL, MDT, AZ, MLN, PHSL, FMA Code: METHODS.
- Liu Pei-Shan, Kao Lung-Sen, and Lin Meng-Kai (1994). Organophosphates Inhibit Catecholamine Secretion and Calcium Influx in Bovine Adrenal Chromaffin Cells. *Toxicology*. Vol. 90, no. 1-2, pp. 81-91. 1994.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Liu, Q., Hirono, S., Matsushita, Y., and Moriguchi, I. (1992). Qsars Based on Fuzzy Adaptive Least-Squares Analysis for the Aquatic Toxicity of Organic Chemicals. *Meeting of the american chemical society, the chemical society of japan, and the canadian society for chemistry on structure-activity and structure-property relationships in environmental chemistry and toxicology (pacifichem '89), honolulu, hawaii, usa, december 17-22, 1989. Environ toxicol chem* 11: 953-959.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Liu Ze-Wen, Han Zhao-Jun, and Zhang Ling-Chun (2002). Cross Resistance of Methamidophos Resistant Strain of Brown Planthopper and the Biochemical Mechanism Responsible. *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 45, no. 4, pp. 447-452. 2002.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Locke, J. C. and Clement, D. L. (1992). Evaluation of Alternative Pest Control Materials for Home Garden Rose Maintenance. *Meeting of the potomac division of the american phytopathological society, newark, delaware, usa, march 18-20, 1992. Phytopathology* 82: 719-720.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lohman, P. Hm, Mendelsohn, M. L., Moore, D. H. I., Waters, M. D., Brusick, D. J., Ashby, J., and Lohman, W. J. (1992). A Method for Comparing and Combining Short-Term Genotoxicity Test Data the Basic System. *Mutat res* 266: 7-25.
Chem Codes: Chemical of Concern: MLN Code: MODELING.

- Long, H., Kirrane, B., Nelson, L. S., and Hoffman, R. S. (2003). Carbaryl Inhibition of Plasma Cholinesterase Activity. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 41, no. 5, p. 737. Aug 2003.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Long, J. La, House, W. A., Parker, A., and Rae, J. E. (1998). Micro-Organic Compounds Associated With Sediments in the Humber Rivers. *Science of the total environment* 210-211: 229-253.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Longley, M. (1999). A Review of Pesticide Effects Upon Immature Aphid Parasitoids Within Mummified Hosts. *International journal of pest management* 45: 139-145.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Lopez-Avila, V., Beckert, W. F., and Billets, S. (1991). Supercritical Fluid Extraction and Its Application to Environmental Analysis. *Friedman, d. (Ed.). Astm (american society for testing and materials) special technical publication, 1075. Waste testing and quality assurance, vol. 3. Xii+411p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1294-7. 0: 141-153.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lopez-Avila, V., Benedicto, J., and Bauer, K. M. (1998). Stability of Organochlorine and Organophosphorus Pesticides When Extracted From Solid Matrixes With Microwave Energy. *Journal of aoac international* 81: 1224-1232 .
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lopez-Avila, V., Young, R., and Beckert, W. F. (1997). On-Line Determination of Organophosphorus Pesticides in Water by Solid-Phase Microextraction and Gas Chromatography With Thermionic-Selective Detection. *Hrc journal of high resolution chromatography* 20: 487-492.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lopez-Carillo, L. and Lopez-Cervantes, M. (1993). Effect of Exposure to Organophosphate Pesticides on Serum Cholinesterase Levels. *Archives of environmental health* 48: 359-363.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lopez-Carvajal, A., Grijalva-Contreras, R. L., and Robles-Contreras, F. (1995). Chemical Control of the European Asparagus Aphid *Brachycorynella Asparagi* Mordvilko in Northwestern Mexico. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 828.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lopez, F. J., Beltran, J., Forcada, M., and Hernandez, F. (1998). Comparison of Simplified Methods for Pesticide Residue Analysis: Use of Large-Volume Injection in Capillary Gas Chromatography. *Journal of chromatography a* 823: 25-33.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lorenz, W., Bahadir, M., Korte, F., and Drawert, F. (1983). Pestizide Im Tabakrauch Ii. Pyrolyseverhalten Von Ausgewählten Pestiziden Beim Tabakrauchen. *Chemosphere* 12: 271-275.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lores, E. M., Moore, J. C., and Moody, P. (1987). Improved Silica Gel Cleanup Method for Organophosphorus Pesticides. *Chemosphere* 16: 1065-1070.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lovatt, J. (1991). Growing Pumpkins Grammas and Watermelons in Queensland. *Lovatt, j. Growing pumpkins, grammas and watermelons in queensland. Iv+44p. Queensland department of primary industries: brisbane, queensland, australia. Illus. Paper. Isbn 0-7242-3995-2. 0: Iv+44p.*

- Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Lovell, R. A., Mcchesney, D. G., and Price, W. D. (1996). Organohalogen and Organophosphorus Pesticides in Mixed Feed Rations: Findings From Fda's Domestic Surveillance During Fiscal Years 1989-1994. *Journal of aoac international* 79: 544-548.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Luck, R. F. and Dahlsten, D. L. (1975). Natural Decline of a Pine Needle Scale (*Chionaspis pinifoliae* (Fitch)), Outbreak at South Lake Tahoe, California Following Cessation of Adult Mosquito Control with Malathion. *Ecology* 56: 893-904.
Chem Codes: Chemical of Concern: MLN Code: NO CONC.
- Luck, R. F., Van den Bosch, R., and Garcia, R. (1977). Chemical Insect Control - A Troubled Pest Mangement Strategy. *Bioscience* 27: 606-611.
Chem Codes: EcoReference No.: 97197
Chemical of Concern: PPX,MLN,DDT Code: REVIEW.
- Luckarift, H. R., Greenwald, R., Bergin, M. H., Spain, J. C., and Johnson, G. R. (Biosensor System for Continuous Monitoring of Organophosphate Aerosols. *Biosens bioelectron.* 2007, oct 31; 23(3):400-6. [*Biosensors & bioelectronics*]: *Biosens Bioelectron.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Luczak, J., Maleszewska, J., Stanislawska, J., and Zycinski, D. (1973). (The Influence of Phosphoro-Organic Pesticides (Malathion, Foschlore, Dichlorfos) on the Physico-Chemical Properties of Water and on Aquatic Organisms). *Rocz. Panstw. Zakl. Hig. Vol. 24, no. 2, pp. 137-150. 1973.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Lund, O. (1990). Preoperative Risk Evaluation and Stratification of Long-Term Survival After Valve Replacement for Aortic Stenosis: Reasons for Earlier Operative Intervention. *Circulation* 82: 124-139.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Luttik, R. and Aldenberg, T. (1997). Extrapolation Factors for Small Samples of Pesticide Toxicity Data: Special Focus on Ld50 Values for Birds and Mammals. *Environmental toxicology and chemistry* 16: 1785-1788.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Maa, W. C-J and Lin, Y. M. (1985). Esterase of Diamondback Moth *Plutella-Xylostella* 2. The Antennal Carboxylesterase of Adult Male With Reference on Male Response to Synthetic Female Sex Pheromone. *Bull inst zool acad sin (taipei)* 24: 165-176.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Mac-Rae, I. C. and Celo, Jovenia S. (1974). The Effects of Organo-Phosphorus Pesticides on the Respiration of *Azotobacter Vinelandii*. *Soil Biology and Biochemistry* 6: 109-111.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Maccarthy, P., Klusman, R. W., Cowling, S. W., and Rice, J. A. (1991). Water Analysis. *Anal chem* 63: 301r-342r.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Machado De Domenech, E. E., Domenech, C. E., Balegno, H. F., De Mendoza, D., and Farias, R. N. (1980). Pesticide Action: Different Response of Erythrocyte Membrane Acetylcholinesterase to Inhibition by Organophosphorus Compounds Under Varied Dietary Conditions. *Pestic.Biochem.Physiol.* 14: 1-4.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Machbub, B., Ludwig, H. F., and Gunaratnam, D. (1988). Environmental Impact From Agrochemicals in Bali Indonesia. *Environ monit assess* 11: 1-24.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- MacIntosh, D. L., Kabiru, C. W., and Ryan, P. B. (2001). Longitudinal Investigation of Dietary Exposure to Selected Pesticides. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 109, no. 2, pp. 145-150. Feb 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Macintosh, D. L., Spengler, J. D., Ozkaynak, H., Tsai, L. H., and Ryan, P. B. (1996). Dietary Exposures to Selected Metals and Pesticides. *Environmental health perspectives* 104: 202-209.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Maciver, D. R., Keane, P. A., Jones, D. G., and Jones, A. G. (1997). Pyrethrins and Piperonyl Butoxide as Public Health Insecticides. *Pyrethrum post* 20: 3-46.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mackay, N. and Betts, W. B. (1991). The Fate of Chemicals in Soil. *Betts, w. B. (Ed.). Springer series in applied biology: biodegradation: natural and synthetic materials. Xii+238p. Springer-verlag: berlin, germany New york, new york, usa. Illus. Isbn 3-540-19705-2; isbn 0-387-19705-2.; 0: 89-117.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mackness, M. I., Walker, C. H., Rowlands, D. G., and Price, N. R. (1983). Esterase Activity in **Homogenates** of Three Strains of the Rust Red Flour Beetle *Tribolium Castaneum* (Herbst). *Comparative Biochemistry and Physiology, C [COMP. BIOCHEM. PHYSIOL., C.]*. Vol. 74C, no. 1, pp. 65-68. 1983.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Madhaiyan, M., Poonguzhali, S., Hari, K., Saravanan, V. S., and Sa, Tongmin (2006). Influence of Pesticides on the Growth Rate and Plant-Growth Promoting Traits of *Gluconacetobacter Diazotrophicus*. *Pesticide Biochemistry and Physiology* 84: 143-154.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, BACTERIA.
- Madrid, F. J., White, N. Dg, and Loschiavo, S. R. (1991). Insects in Stored Cereals, and Their Association With Farming Practices in Southern Manitoba (Canada). *Can entomol* 122: 515-524.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Magara, Y., Aizawa, T., Matumoto, N., and Souna, F. (1994). Degradation of Pesticides by Chlorination During Water Purification. *Water science and technology* 30: 119-128.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mahdi, A., Taha, A. M., and Ezz El-Arab, M. A. (1967). Preliminary Small Scale Field Trial for Evaluation of Aerial Spraying of Malathion L. V. and Abate Against *A. pharoensis* in the Nile Delta 1966. *J.Egypt.Public Health Assoc.* 42: 8-13.
Chem Codes: Chemical of Concern: MLN,TMP Code: MIXTURE.
- Maher, I. L., Foster, G. D., and Lippa, K. A. (1995). Transport Fluxes of Organonitrogen and Organophosphorus Pesticides in the Potomac River. *210th american chemical society national meeting, chicago, illinois, usa, august 20-24, 1995. Abstracts of papers american chemical society* 210: Envr 81.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mahler, D. S. (1987). Insecticide Spray Measurements Using Hot-Wire Technology. *Vander hooven, d. I. B. And I. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm: philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 123-135.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Main, A. R. (Mode of Action of Anticholinesterases. *Pharmacol. Ther. Part a* 6(3): 579-628 1979 (114 references).
Chem Codes: Chemical of Concern: MLO Code: REVIEW.

- Majewski, M. S., Foreman, W. T., Goolsby, D. A., and Nakagaki, N. (1998). Airborne Pesticide Residues Along the Mississippi River. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 32, no. 23, pp. 3689-3698. 1 Dec 1998.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Malek, M. A. and Wilkins, R. M. (1995). Effects of Annona Squamosa L. Seed Oil on the Larvae of Tribolium Castarieuum (Herbst) (Coleoptera: Tenebrionidae). *Bangladesh journal of zoology* 23: 65-70.
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.
- Malik, J. K. and Summer, K. H. (1982). Toxicity and Metabolism of Malathion and Its Impurities in Isolated Rat Hepatocytes: Role of Glutathione. *Toxicology and Applied Pharmacology* 66: 69-76.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Manahan, S. E. (1990). Hazardous Waste Chemistry Toxicology and Treatment. *Manahan, s. E. Hazardous waste chemistry, toxicology and treatment. Xiii+378p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-209-9. 0: Xiii+378p.*
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Mancas, D. G. and Dragan, D. (Microencapsulated Organophosphoric Insecticides I. Quantitative Determination of Malathion and of Disulfoton From Aqueous Suspensions of Microcapsules. *Rev chim; 37 (9). 1986 (recd. 1987). 800-802.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Mane, U. H. (1990). Acute Pesticide Stress on Bivalve Molluscs a Comparative Approach.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Manes Vinuesa J, Molto Cortes Jc, Igualada Canas C, and Font Perez G (1989). Isolation and Concentration of Organophosphorus Pesticides From Water Using a C-18 Reversed Phase. *J chromatogr* 472: 365-370.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mangan, R. L. and Moreno, D. S. (1997). Efficacy of Insecticidal Photo-Active Dye Formulations in Field Tests Against Tropical Fruit Flies Diptera Tephritidae. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 66s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Manglitz, G. R. and Ratcliffe, R. H. (1988). Insects and Mites. *Hanson, a. A. (Ed.). Agronomy: a series of monographs, no. 29. Alfalfa and alfafa improvement. Xxvi+1084p. American society of agronomy, inc., Crop science society of america, inc., Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Maps. Isbn 0-89118-094-x. 0: 671-704.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mansour, S. A. and Sidky, M. M. (2003). Ecotoxicological Studies. 6. The First Comparative Study Between Lake Qarun and Wadi El-Rayan Wetland (Egypt), With Respect to Contamination of Their Major Components. *Food Chemistry* 82: 181-189.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Maravic, Dubravka S., Trtica, Milan S., Miljanic, Scepan S., and Radak, Bojan B. (2006). Detection of Malathion by the Co2 Laser: Potentials and Limitations. *Analytica Chimica Acta* 555: 259-262.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mariani, E., Bargagna, A., Longobardi, M., Bruschi, E., and Dorato, S. (1995). Gas Chromatographic Determination of Pesticides and Pcb's in Cosmetics Containing Plant Derivatives. *Farmaco (rome)* 50: 193-196.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Marrs, T. C. (1998). Malathion-. *In: Draft, Pesticide Residues in Food - 1997, Joint Meet.of the FAO Panel of*

Experts on Pesticide Residues in Food and the Environ. and the WHO Core Assess. Group, Sept.22-Oct.1, 1997, World Health Org., Geneva, Switzerland 189-219.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Marsden, P. (1991). Gas Chromatography in Environmental Regulation Detection of Pesticides Using Large Bore Capillary Columns. *Jennings, w. G. And j. G. Nikelly (ed.). Chromatographic methods: capillary chromatography: the applications. Vii+153p. Huethig buch verlag gmbh: heidelberg, germany. Illus. Isbn 3-7785-2051-2. 0: 1-16.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Martínez-Haro, Mónica, Viñuela, Javier, and Mateo, Rafael (2007). Exposure of birds to cholinesterase-inhibiting pesticides following a forest application for tick control. *Environmental Toxicology and Pharmacology* 23: 347-349.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Martinez-Tabche, L., Romero, A. C., Gomez-Olivan, L., Martinez, M. G., Hernandez, E. O., and Lopez, E. L. (2002). Effect of Malathion in Ignacio Ramirez Dam Sediments on Rainbow Trout (*Onchorhynchus mykiss*). *J. Environ. Hydrol.* 10: np.

Chem Codes: Chemical of Concern: MLN Code: NO SOURCE/NOT PURSUING.

Marty, J. L., Garcia, D., and Rouillon, R. (1995). Biosensors Potential in Pesticide Detection. *Trends in analytical chemistry* 14: 329-333.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Marty, M. A., Dawson, S. V., Bradman, M. A., Harnly, M. E., and Dibartolomeis, M. J. (Assessment of Exposure to Malathion and Malaoxon Due to Aerial Application Over Urban Areas of Southern California. *J expo anal environ epidemiol.* 1994 jan-mar; 4(1):65-81. [*Journal of exposure analysis and environmental epidemiology*]: *J Expo Anal Environ Epidemiol.*

Chem Codes: Chemical of Concern: MLO Code: MODELING.

Marutoiu, C., Coman, V., Vlassa, M., and Constantinescu, R. (1998). A New Detection of Some Organophosphorous Pesticides Separated by Tlc. *Journal of liquid chromatography & related technologies* 21: 2143-2149.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Marutoiu, C., Vlassa, M., Sarbu, C., and Nagy, S. (1987). Separation and Identification of Organophosphorus Pesticides in Water by Hptlc. *J high resolut chromatogr chromatogr commun* 10: 465-466.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Maruyama, Yukiko, Yasutomi, Kazuo, and Ogita, Zen-Ichi (1984). Electrophoretic Analysis of Esterase Isozymes in Organophosphate-Resistant Mosquitoes (*Culex pipiens*). *Insect Biochemistry* 14: 181-188.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Masoud, L., Vijayasathay, C., Fernandez-Cabezudo, M., Petroianu, G., and Saleh, A. M. (2003). Effect of Malathion on Apoptosis of Murine L929 Fibroblasts: a Possible Mechanism for Toxicity in Low Dose Exposure. *Toxicology* 185: 89-102.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Masten, Susan J., Tian, Ming, Upham, Brad L., and Trosko, James E. (2001). Effect of Selected Pesticides and Their Ozonation by-Products on Gap Junctional Intercellular Communication Using Rat Liver Epithelial Cell Lines. *Chemosphere* 44: 457-465.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Masud, S. Z. and Hasan, N. (1992). Pesticide Residues in Foodstuffs in Pakistan: Organochlorine, Organophosphorus and Pyrethroid Insecticides in Fruits and Vegetables. *Pak j sci ind res* 35: 499-504.

- Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Masud, S. Z. and Hasan, N. (1995). Study of Fruits and Vegetables in Nwfp Islamabad and Balochistan for Organochlorine Organophosphorus and Pyrethroid Pesticide Residues. *Pakistan journal of scientific and industrial research* 38: 74-80.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Mateen, A., Chapalamadugu, S., Kaskar, B., Bhatti, A. R., and Chaudhry, G. R. (1994). Microbial Metabolism of Carbamate and Organophosphate Pesticides. *Chaudhry, g. R. (Ed.). Biological degradation and bioremediation of toxic chemicals. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 198-233.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Mathew, S. B., Pillai, A. K., and Gupta, V. K. (A Rapid Spectrophotometric Assay of Some Organophosphorus Pesticide Residues in Vegetable Samples. *Spectrochim acta a mol biomol spectrosc. 2007, aug; 67(5):1430-2. [Spectrochimica acta. Part a, molecular and biomolecular spectroscopy]: Spectrochim Acta A Mol Biomol Spectrosc.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS,FOOD.
- Matin, M. A., Husain, K., and Khan, S. N. (1989). Modification of Malathion Induced Neurochemical Changes by Adrenalectomy in Rats. *Twelfth meeting of the international society for neurochemistry, algarve, portugal, april 23-28, 1989. J neurochem* 52: S114.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Matos, E., Loria, D., Haedo, A., and De Lustig Es (Effects of Pesticides and 12-O Tetradecanoylphorbol-13-Acetate on Chondrogenesis in-Vitro. *Comun biol; 4 (2). 1985 (recd. 1986). 175-184.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Matsumoto, M. R., Jensen, J. N., Mcginley, P., and Reed, B. E. (1994). Treatment Systems Physicochemical Processes. *Water environment research* 66: 309-324.
Chem Codes: Chemical of Concern: MLN Code: REVIEW, EFFLUENT.
- Matsumura, F. and Boush, G. M. (1966). Malathion Degradation by Trichoderma viride and a Pseudomonas Species. *Science* 151: 1278 (ABS).
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT/NOT PURSUING.
- Matsumura, F. and Voss, G. (1965). Properties of Partially Purified Malathion Carboxyesterase of the Two-Spotted Spider Mite. *Journal of Insect Physiology* 11: 147-160.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Matthess, G. and Isenbeck, M. (1987). Pesticide Behavior in Quaternary Sediments. *Boreas (oslo)* 16: 411-418.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Matthews, G. A. (1997). Techniques to Evaluate Insecticide Efficacy. *Dent, d. R. And m. P. Walton (ed.). Methods in ecological and agricultural entomology. Xiv+387p. Cab international: wallingford, england, uk; new york, new york, usa. Isbn 0-85199-132-7(paper); isbn 0-85199-131-9(cloth). 243-269.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Maul, J. D. and Farris, J. L. (2005). Monitoring Exposure of Northern Cardinals, *Cardinalis Cardinalis*, to Cholinesterase-Inhibiting Pesticides: Enzyme Activity, Reactivations, and Indicators of Environmental Stress. *Environ.Toxicol.Chem.* 24 : 1721-1730.
Chem Codes: Chemical of Concern: MLN,DCTP,ACP,ADC,CPY Code : MIXTURE.
- Maul, J. D. and Farris, J. L. (2004). Monitoring Exposure of Passerines to Acephate, Dicrotophos, and Malathion Using Cholinesterase Reactivation. *Bulletin of Environmental Contamination and Toxicology [Bull.*

- Environ. Contam. Toxicol.* Vol. 73, no. 4, p. 682. Oct 2004.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Mayer, D. F. and Johansen, C. A. (1989). Bee Protection in Urban Environments. *Am.Bee J.* 129: 106-108.
Chem Codes: Chemical of Concern: AZ,HCCH,MLN,CBL,DS,DZ Code: REVIEW.
- Mazzei, F., Botre, F., and Botre, C. (1996). Acid Phosphatase/Glucose Oxidase-Based Biosensors for the Determination of Pesticides. *Analytica chimica acta* 336: 67-75.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Mcchesney, D. G., Hyde, C. A., and Lovell, R. A. (1992). Fda Feed Contaminants Program Profile of Pesticides in Poultry Feed. *Eighty-first annual meeting of the poultry science association, fayetteville, arkansas, usa, august 3-6, 1992. Poult sci* 71: **95**.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Mcconnell, L. L., Lenoir, J. S., Datta, S., and Seiber, J. N. (1998). Wet Deposition of Current-Use Pesticides in the Sierra Nevada Mountain Range, California, Usa. *Environmental toxicology and chemistry* 17: 1908-1916.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- McCully, K. A. (1980). Report on Organophosphorus Pesticides. *J.Assoc.Off.Anal.Chem.* 63: 283-285.
Chem Codes: Chemical of Concern: MLN,AZ,DMT,PRN,FNT,OMT,ETN,MDT,PRT Code: NO SPECIES.
- McCurnin, D. M. (1969). Malathion Intoxication in Military Scout Dogs. *JAVMA* 155 : 1359-1363.
Chem Codes: Chemical of Concern: MLN Code: NO CONC.
- McEwen, L. C. and Knapp, D. B. (1965). Acute Toxicity of Dieldrin and Malathion to Sharp-Tailed Grouse. *In: Fish and Wildl Serv.Circ.226, Effects of Pesticides on Fish and Wildlife, 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.* 34.
Chem Codes: Chemical of Concern: MLN Code: NO DURATION.
- Mckillop, I. G., Ginella, S. Gv, Wilson, C. J., Hanlon, A. J., and Pugh, B. D. (1993). The Effects of Power Failure on the Behaviour of European Wild Rabbits at Electric Fences. *Appl anim behav sci* 35: 277-290.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- McKim, J. M. (1977). Evaluation of Tests With Early Life Stages of Fish for Predicting Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 1148-1154.
Chem Codes: Chemical of Concern: Ni,ACL,MLN,Zn,NH Code: REFS CHECKED/REVIEW.
- McKim, J. M. (1977). The Use of Embryo-Larval, Early Juvenile Toxicity Tests With Fish for Estimating Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 21 p.
Chem Codes: Chemical of Concern: TFN,ACL,TXP,ES,HPT,MLN,HCCH,AZ,EN,DZ,CBL,Captan,ATZ,PCB,Cl,Hg,Zn,Ni,Pb,Cr,Cu,Cd
Code: REVIEW.
- Medina, D., Prieto, A., Ettiene, G., Buscema, I., and De, V. Abreu a (1999). Persistence of Organophosphorus Pesticide Residues in Limon River Waters. *Bulletin of environmental contamination and toxicology* 63: 39-44.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mehrotra, K. N. (1991). Current Status of Pesticide Resistance in Insect Pests in India. *J insect sci* 4: 1-14.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mehrotra, K. N. (1986). Pest Control Strategies for 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 10-16.

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Meinking, T. L., Vicaria, M., Eyerdam, D. H., Villar, M. E., Reyna, S., and Suarez, G. (A Randomized, Investigator-Blinded, Time-Ranging Study of the Comparative Efficacy of 0.5% Malathion Gel Versus Ovide Lotion (0.5% Malathion) or Nix CrÈMe Rinse (1% Permethrin) Used as Labeled, for the Treatment of Head Lice. *Pediatr dermatol.* 2007 jul-aug; 24(4):405-11. [*Pediatric dermatology*]: *Pediatr Dermatol.*

Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.

Meisenheimer, J. L., Miller, L. R., and Schulz, W. D. (1995). Decomposition of Nerve Gas and Mustard Gas Analogs Using Nicotine and Ultrasound. *Transactions of the kentucky academy of science* 56: 15-21.

Chem Codes: Chemical of Concern: MLN Code : FATE.

Mendelsohn, M. L., Moore, D. H. Ii, and Lohman, P. Hm (1992). A Method for Comparing and Combining Short-Term Genotoxicity Test Data Results and Interpretation. *Mutat res* 266: 43-60.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Mendoza, C. E., Shields, J. B., and Greenhalgh, R. (Activity of Mammalian Serum Esterases Towards Malaoxon, Fenitroxon and Paraaxon. *Comp biochem physiol c comp pharmacol*; 56 (2). 1977 189-191.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Menon, K. Kg (1985). Food Safety Facts and Fallacies. *Curr sci (bangalore)* 54: 840-844.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Menzel, Daniel B., Craig, Roderick, and Hoskins, W. M. (1963). Electrophoretic Properties of Esterases From Susceptible and Resistant Strains of the Housefly, *Musca Domestica* L. *Journal of Insect Physiology* 9: 479-493.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Meylan, W. M. and Howard, P. H. (1991). Bond Contribution Method for Estimating Henry's Law Constants. *Environ toxicol chem* 10: 1283-1294.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Milanko, Olga S., Milinkovic, Stevan A., and Rajakovic, Ljubinka V. (1992). Evaluation of Coating Materials Used on Piezoelectric Sensors for the Detection of Organophosphorus Compounds in the Vapour Phase. *Analytica Chimica Acta* 269: 289-300.

Chem Codes : Chemical of Concern: MLN Code: CHEM METHODS.

Miles, C. J. (1991). Degradation Products of Sulfur-Containing Pesticides in Soil and Water. *Somasundaram, I. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 61-74.

Chem Codes: Chemical of Concern: MLN Code : FATE.

Miles, C. J. and Takashima, S. (1991). Fate of Malathion and O,O,S-Trimethyl Phosphorothioate by-Product in Hawaiian Soil and Water. *Archives of Environmental Contamination and Toxicology. Vol. 20, no. 3, pp.* 325-329. 1991.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Mileson, B. E., Chambers, J. E., Chen, W. L., Dettbarn, W., Ehrich, M., Eldefrawi, A. T., Gaylor, D. W., Hamernik, K., Hodgson, E., Karczmar, A. G., Padilla, S., Pope, C. N., Richardson, R. J., Saunders, D. R., Sheets, L. P., Sultatos, L. G., and Wallace, K. B. (1998). Common Mechanism of Toxicity: a Case Study of Organophosphorus Pesticides. *Toxicological sciences* 41: 8-20.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Miliadis, G. E. and Malatou, P. T. (1997). Monitoring of the Pesticide Levels in Natural Waters of Greece. *Bulletin of environmental contamination and toxicology* 59: 917-923.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Miller, D. R., Stoughton, T. E., Steinke, W. E., Huddleston, E. W., and Ross, J. B. (2000). Atmospheric Stability Effects on Pesticide Drift From an Irrigated Orchard. *Transactions of the American Society of Agricultural Engineers*, 43 (5) pp. 1057-1066, 2000.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Miller, R. E. L., Wands, J. R., Chytalo, K. N., and D'Amico, R. A. (2005). Application of Water Quality Modeling Technology to Investigate the Mortality of Lobsters (*Homarus Americanus*) in Western Long Island Sound During the Summer of 1999. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 859-864. Oct 2005.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Mineau, P., Fletcher, M. R., Glaser, L. C., Thomas, N. J., Brassard, C., Wilson, L. K., Elliott, J. E., Lyon, L. A., Henny, C. J., Bollinger, T., and Porter, S. L. (1999). Poisoning of Raptors With Organophosphorus and Carbamate Pesticides With Emphasis on Canada, U.s. And U.k. *Journal of raptor research* 33: 1-37.
Chem Codes: Chemical of Concern: MLN Code: REVIEW, INCIDENT.
- Minett, W., Belcher, R. S., and O'Brien, E. J. (1968). A Critical Moisture Level for Malathion Breakdown in Stored Wheat. *Journal of Stored Products Research* 4: 179-181.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Minist Agric Fish Food Health Saf Executive Uk (1990). Report of the Working Party on Pesticide Residues 1988-89. *Ministry of agriculture fisheries and food health and safety executive. Report of the working party on pesticide residues: 1988-89. V+86p. Her majesty's stationery office: london, england, uk. Paper. Isbn 0-11-242902-5. 0: V+86p.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Minyard, J. P Jr and Roberts, W. E. (1991). State Findings on Pesticide Residues in Foods: 1988 and 1989. *J assoc off anal chem* 74: 438-452.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mitchell, A. D. (1993). Does the in-Situ Approach Yield a More Accurate Assessment of Induced Mutation Frequencies Than the Standard L5178y Tk-+Tk-Mouse Lymphoma Assay? *24th annual scientific meeting of the environmental mutagen society, norfolk, virginia, usa, april 17-22, 1993. Environ mol mutagen* 21: 49.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Mitchell, J. T. (1975). Comparative Teratogenic Effects of Malathion, Captan, and Thalidomide in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 181: 428-429 (ABS).
Chem Codes: Chemical of Concern: Captan,MLN Code: ABSTRACT.
- Mitchell, J. T. and Yntema, C. L. (1973). Teratogenic Effect of Malathion and Captan in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 175: 390 (ABS).
Chem Codes: Chemical of Concern: Captan,MLN Code: ABSTRACT.
- Miyahara, M., Okada, Y., Takeda, H., Aoki, G., Kobayashi, A., and Saito, Y. (1994). Multiresidue Procedures for the Determination of Pesticides in Food Using Capillary Gas Chromatographic, Flame Photometric, and Mass Spectrometric Techniques. *Journal of agricultural and food chemistry* 42: 2795-2802.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Miyahara, M. and Saito, Y. (1994). Effects of the Processing Steps in Tofu Production on Pesticide Residues. *Journal of agricultural and food chemistry* 42: 369-373.

- Chem Codes: Chemical of Concern: MLN Code : NO SPECIES (DEAD).
- Miyahara, M. and Saito, Y. (1993). Pesticide Removal Efficiencies of Soybean Oil Refining Processes. *J agric food chem* 41: 731-734.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Miyata, T. (1989). Problems in the Control of Insecticide-Resistant Rice Planthoppers and Leafhoppers. *Pestic sci* 26: 261-270.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Miyata, T., Saito, T., Fukamachi, S., Kiritani, K., Kawahara, S., Yoshioka, K., Ozaki, K., Sasaki, Y., Tsuboi, A., and et al. (1981). On the Relation Between Insecticide Resistance and Aliesterase Activity in the Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 25, no. 3, pp. 150-155. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Miyata, T., Saito, T., Kassai, T., and Ozaki, K. (1989). In Vitro Degradation of Malathion by the Small Brown Planthopper, *Laodelphax striatellus* (Fallen), and the Brown Rice Planthopper, *Nilaparvata lugens* (Staal) (Hemiptera: Delphacidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 24, no. 2, pp. 240-241. 1989.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Miyata, T., Saito, T., and Yasutomi, K. (1984). Degradation of Super(14)C-Malathion in Vitro by *Culex pipiens quinquefasciatus* Strains Resistant and Susceptible to Malathion. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 35, no. 2, pp. 103-107. 1984.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Miyata, T., Sakai, H., Saito, T., Yoshioka, K., Ozaki, K., Sasaki, Y., and Tsuboi, A. (1981). Mechanism of Joint Toxic Action of Kitazin P Super() With Malathion in the Malathion Resistant Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 258-263. 1981.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Miyazaki, A. (1997). Progress and Prospects of Optically Active Pesticides. *J.Pestic.Sci.* 22: 136-155 (JPN).
Chem Codes: EcoReference No.: 97554
Chemical of Concern: CYF,CYH,CPY,CYP,FNPE,PPG,FRM,VCZ,MYC,HTX,ACP,MLN,Naled,PBZ
Code: NON-ENGLISH.
- Mmochi, A. J. and Mberek, R. S. (1998). Trends in the Types, Amounts, and Toxicity of Pesticides Used in Tanzania: Efforts to Control Pesticide Pollution in Zanzibar, Tanzania. *Ambio* 27: 669-676.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mohamed, R. A. (1997). Effectiveness of Datura Leave Extracts and Their Mixtures With Malathion Against the Cowpea Beetle-*Callosobruchus maculatus* (F.). *Annals of Agricultural Science, Moshtohor [ANN. AGRIC. SCI., MOSHTOHOR]*. Vol. 35, no. 1, pp. 589-604. Mar 1997.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Mohammad, A. and Khan, M. Am (1993). New Surface-Modified Sorbent Layer for the Analysis of Toxic Metals in Seawater and Industrial Wastewater. *J chromatogr* 642: 455-458.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Mohanachari, V., Rajendra, W., and Indira, K. (1984). Activation of Sheep Brain Succinate Dehydrogenase by Malathion. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 3, pp. 199-200. 1984.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Mohn, Georges (1973). 5-Methyltryptophan Resistance Mutations in Escherichia Coli K-12 Mutagenic Activity of Monofunctional Alkylating Agents Including Organophosphorus Insecticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 20: 7-15.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Molinari, G. P., Cavanna, S., and Ferroni, B. (1998). Multiresidue Method for Determination of Organophosphorus Pesticides in Vegetables. *Food additives and contaminants* 15: 510-517.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Montserrat, Jose M. and Bianchini, Adalto (2000). Methodological and Biological Aspects to Be Considered in Acetylcholinesterase Reactivation Assays Using 2-Pam. *Environmental Toxicology and Pharmacology* 9: 39-47.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Monty, C. N., Oh, I., and Masel, R. I. (Acetylcholinesterase-Based Electrochemical Multiphase Microreactor for Detection of Organophosphorous Compounds (Preprint). *Govt reports announcements & index (gra&i)*, issue 26, 2007.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Moody, R. P., Akram, M., Dickson, E., and Chu, I. (In Vitro Dermal Absorption of Methyl Salicylate, Ethyl Parathion, and Malathion: First Responder Safety. *J toxicol environ health a*. 2007, jun; 70(12):985-99. [*Journal of toxicology and environmental health. Part a*]: *J Toxicol Environ Health A*.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, HUMAN HEALTH.
- Moore, J. C., Dukes, J. C., Clark, J. R., Malone, J., Hallmon, C. F., and Hester, P. G. (1993). Downwind Drift and Deposition of Malathion on Human Targets From Ground Ultra-Low Volume Mosquito Sprays. *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 9, no. 2, pp. 138-142. 1993.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mora, P., Fournier, D., and Narbonne, J. F. (1999). Cholinesterases From the Marine Mussels Mytilus Galloprovincialis Lmk. And M. Edulis L. And From the Freshwater Bivalve Corbicula Fluminea Muller. *Comparative biochemistry and physiology c pharmacology toxicology & endocrinology* 122: 353-361.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Moraes, S. S., Bautista, A. R. L., and Viana, B. F. (2000). Acute Toxicity Studies of Insecticides (DI Sub(50) E CI Sub(50)) to Scaptotrigona Tubiba (Smith) (Hymenoptera: Apidae): by Contact Route. *Anais de Sociedade Entomologica do Brasil [An. Soc. Entomol. Bras.]*. Vol. 29, no. 1, pp. 31-37. Mar 2000.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Moreno, D. S. and Mangan, R. L. (1995). Gustatory Response of the Mexican Fruit Fly to Baits. *209th american chemical society national meeting, anaheim, california, usa, april 2-6, 1995. Abstracts of papers american chemical society* 209: Agro 20.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Morgade, C. and Barquet, A. (Body Distribution of Malathion and Its Metabolites in a Fatal Poisoning by Ingestion. *J toxicol environ health*. 1982, aug; 10(2):321-5. [*Journal of toxicology and environmental health*]: *J Toxicol Environ Health*.
Chem Codes: Chemical of Concern: MLO Code : HUMAN HEALTH.
- Morgan, D. P. and Roan, C. C. (1973). Adrenocortical Function in Persons Occupationally Exposed to Pesticides. *J.Occup.Med.* 15: 26-28.
Chem Codes: Chemical of Concern: PRN,PYN,TXP,DDT,DLDD,CHD,MLN,HCCH,PPX,DZ,DDVP
Code: HUMAN HEALTH.

- Morita, M., Yoshinaga, J., Mukai, H., Ambe, Y., Tanaka, A., and Shibata, Y. (1997). Specimen Banking at National Institute for Environmental Studies, Japan. *Chemosphere* 34: 1907-1919.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mortensen, S. R. (2006). Toxicity of Organophosphorus and Carbamate Insecticides Using Birds as Sentinels for Terrestrial Vertebrate Wildlife. In: R.C.Gupta (Ed.), *Toxicology of Organophosphate & Carbamate Compounds*, Elsevier Acad.Press, Burlington, MA 673-678.
Chem Codes: Chemical of Concern: PIRM,MLN,DDVP,FNT,TVPM Code: REFS
CHECKED/REVIEW.
- Mortensen, S. R., Hooper, M. J., and Padilla, S. (1998). Rat Brain Acetylcholinesterase Activity: Developmental Profile and Maturational Sensitivity to Carbamate and Organophosphorus Inhibitors. *Toxicology* 125: 13-19.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Mostafa, I. Y., Bahig, M. R. E., Fakhr, I. M. I., and Adam, Y. (1972). Metabolism of Organophosphorus Insecticides. XIV. Malathion Breakdown by Soil Fungi. *Z.Naturforsch.* 27b: 1115-1116.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mostafa, I. Y., Fakhr, I. M., Bahig, M. R. E., and El-Zawahry, Y. A. (Metabolism of Organophosphorus Insecticides Xiii. Degradation of Malathion by Rhizobium Spp. *Arch. Mikrobiol.*; 86(3): 221-224; 1972 ; (ref:15).
Chem Codes: Chemical of Concern: MLO Code: BACTERIA.
- Mostaghimi, S., McClellan, P. W., and Cooke, R. A. (1993). Pesticide Contamination of Groundwater in Virginia Bmp Impact Assessment. *Water science and technology* 28: 379-387.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mount, D. R., Hockett, J. R., Garrison, T. D., Barten, K. A., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Summary Findings From Toxicity Identification Evaluations.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Mourya, D. T., Hemingway, J., and Leake, C. J. (1993). Changes in Enzyme Titres With Age Four Geographical Strains of Aedes Aegypti and Their Association With Insecticide Resistance. *Med vet entomol* 7: 11-16.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Mouvet, C. and Jucker, C. (1997). Correction of Previews 99711192. Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. Correction of Abstract. Erratum Published in Environmental Science and Technology Vol. 31. Iss. 11. 1997. P. 3340. *Environmental science & technology* 31: 2434-2437.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mouvet, C. and Jucker, C. (1997). Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. *Environmental science & technology* 31: 2434-2437.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Moyer, L., Cross, J., and Illinois State Environmental Protection Agency, Springfield (USA). Div. of Water Pollution Control (1990). Pesticide Monitoring: Illinois Epa's Summary of Results, 1985-1989.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Muan, B. and Skaare, J. U. (1986). Gas Chromatographic Determination and Mass Spectrometric Confirmation of Malathion in Milk and Blood. *J agric food chem* 34: 87-88.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Muan, B. and Skare, J. U. (1989). A Method for the Determination of the Main Metabolites of Malathion in

- Biological Samples. *J agric food chem* 37: 1081-1085.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Mueller-Herold, U., Caderas, D., and Funck, P. (1997). Validity of Global Lifetime Estimates by a Simple General Limiting Law for the Decay of Organic Compounds With Long-Range Pollution Potential. *Environmental science & technology* 31: 3511-3515.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mueller, P. (1989). Biomonitoring of Chemicals on Tropical Ecosystems. *Amazoniana* 11: 71-90.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mufti, S. A., Nazir, N., and Ahmad, M. (ed) (1980). Toxic Effects of Malathion on Mice Embryogenesis. 8. *Pakistan Congress of Zoology, Peshawar (Pakistan), 10-11 Apr 1988*.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Mukerjee, S., Ellenson, W. D., Lewis, R. G., Stevens, R. K., Somerville, M. C., Shadwick, D. S., and Willis, R. D. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: Iii. Residential Microenvironmental Monitoring for Air, House Dust, and Soil. *Environment international* 23: 657-673.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mukerjee, S. K. (1986). Plant Protection Chemicals in 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 35-48.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mukhopadhyay, A. K., Karmakar, P., Hati, A. K., and Dey, P. (1997). Recent Epidemiological Status of Malaria in Calcutta Municipal Corporation Area, West Bengal. *Indian journal of malariology* 34: 188-196.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Muldoon, S. R. and Hodgson, M. J. (1992). Risk Factors for Nonoccupational Organophosphate Pesticide Poisoning. *J occup med* 34: 38-41.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mulla, M. S. and Mian, L. S. (1981). Biological and Environmental Impacts of the Insecticides Malathion and Parathion on Nontarget Biota in Aquatic Ecosystems. *Residue Rev.* 78: 101-135.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mulla, M. S., Mian, L. S., and Kawecki, J. A. (1981). Distribution, Transport, and Fate of the Insecticides Malathion and Parathion in the Environment. *Residue Rev.* 81: 2-159.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Munn, M. D. and Gilliom, R. J. (2001). Pesticide Toxicity Index for Freshwater Aquatic Organisms. *Water-Resour. Invest. Rep. No. 01-4077, U.S. Geol. Surv., Sacramento, CA* 1-55.
Chem Codes: Chemical of Concern: MCPB, CBL, CPY, DZ, MLN, ACR, ATZ, BFL, BTY, CZE, LNR, MTL, MBZ, PDM, PRO, SZ, TET, TFN Code: REFS CHECKED/REVIEW.
- Munn, S., Keefe, T. J., and Savage, E. P. (1985). A Comparative Study of Pesticide Exposures in Adults and Youth Migrant Field Workers. *Arch environ health* 40: 215-220.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Murakami, M. and Fukami, J. I. (1985). Specific Molecular Connectivity Analysis of Pesticides and Related Compounds a Preliminary Study. *Bull environ contam toxicol* 34: 775-779.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Murphy, Chris F., Jepson, Paul C., and Croft, Brian A. (1994). Database Analysis of the Toxicity of Antilocust

- Pesticides to Non-Target, Beneficial Invertebrates. *Crop Protection* 13: 413-420.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Murphy, S. A. (1992). Aerial Pest Eradication in Massachusetts and California and the Pesticide Malathion. *Boston College Environmental Affairs Law Review [BOSTON COLL. ENVIRON. AFF. LAW REV.]*. Vol. 19, no. 4, pp. 851-884. 1992.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Murphy, S. D. (1966). Liver Metabolism and Toxicity of Thiophosphate Insecticides in Mammalian, Avian and Piscine Species. *Proc.Soc.Exp.Biol.Med.* 123: 392-398.
Chem Codes: Chemical of Concern: PRN,AZ,MLN Code: IN VITRO.
- Murthy, K. S Rk, Rao, B. N., Subbaratnam, C. V., Azam, K. M., and Murthy, B. Hk (Residues of Malathion on Bhendi. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 26-27.*
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Mutero, A., Pralavorio, M., Bride, J. M., and Fournier, D. (Resistance-Associated Point Mutations in Insecticide-Insensitive Acetylcholinesterase. *Proc natl acad sci u s a.* 1994, jun 21; 91(13):5922-6. [*Proceedings of the national academy of sciences of the united states of america*]: *Proc Natl Acad Sci U S A.*
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Mwanthi, M. A. (1998). Occurrence of Three Pesticides in Community Water Supplies Kenya. *Bulletin of environmental contamination and toxicology* 60: 601-608.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Myhr, B. C. and Caspary, W. J. (Chemical Mutagenesis at the Thymidine Kinase Locus in L5178y Mouse Lymphoma Cells: Results for 31 Coded Compounds in the National Toxicology Program. *Environ mol mutagen* 18:51-83,1991: *ENVIRON MOL MUTAGEN.*
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Nagai, K. (1990). Effect of Insecticides on Orius Sp., The Natural Enemy of Thrips Palmi Karny. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 34, no. 4, pp. 321-324. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Nagy, S., Straus, H., Ghelberg, N. W., and Salagean, S. (1972). Toxic Effects of Malathion on Irradiated Organisms. *Igiena (Buchar.)* 21: 409-414 (ROM) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Naidu, U. V., Sessaiah, K., and Naidu, G. R. (1990). Colorimetric Determination of Malathion With Methylene Green. *Acta chim hung* 127: 381-384.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Nair, A. S. and Pradeep, T. (Extraction of Chlorpyrifos and Malathion From Water by Metal Nanoparticles. *J nanosci nanotechnol.* 2007, jun; 7(6):1871-7. [*Journal of nanoscience and nanotechnology*]: *J Nanosci Nanotechnol.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nakagawa, R., Hirakawa, H., and Hori, T. (1995). Estimation of 1992-1993 Dietary Intake of Organochlorine and Organophosphorus Pesticides in Fukuoka, Japan. *Journal of aoac international* 78: 921-929.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Nakamura, Y., Sekiguchi, Y., Hasegawa, S., Tsumura, Y., Tonogai, Y., and Ito, Y. (1993). Reductions in

- Postharvest-Applied Dichlorvos, Chlorpyrifos-Methyl, Malathion, Fenitrothion, and Bromide in Rice During Storage and Cooking Processes. *Journal of agricultural and food chemistry* 41: 1910-1915.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Nakamura, Y., Tonogai, Y., Sekiguchi, Y., Tsumura, Y., Nishida, N., Takakura, K., Isechi, M., Yuasa, K., Nakamura, M., Kifune, N., Yamamoto, K., Terasawa, S., Oshima, T., Miyata, M., Kamakura, K., and Ito, Y. (1994). Multiresidue Analysis of 48 Pesticides in Agricultural Products by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 42: 2508-2518.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1991). A Multiple Sample Extraction and on-Line System for the Analysis of Chlorinated Compounds. *Tenth international symposium on chlorinated dioxins and related compounds 1990, part 1, bayreuth, germany, september 10-14, 1990. Chemosphere* 23: 1109-1116.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1990). Supercritical Fluid Extraction and Cleanup Procedures for Determination of Xenobiotics in Biological Samples. *9th international symposium on chlorinated dioxins and related compounds 1989, part 1, toronto, ontario, canada, september 17-22, 1989. Chemosphere* 20: 873-880.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Namera, A., Yashiki, M., Nagasawa, N., Iwasaki, Y., and Kojima, T. (1997). Rapid Analysis of Malathion in Blood Using Head Space-Solid Phase Microextraction and Selected Ion Monitoring. *Forensic science international* 88: 125-131.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nandan, R. and Raisuddin, S. (1992). Fungal Degradation of Industrial Wastes and Wastewater. *Arora, d. K., R. P. Elander and k. G. Mukerji (ed.). Handbook of applied mycology, vol. 4. Fungal biotechnology. Xvii+1114p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Illus. Isbn 0-8247-8501-0; 0: 931-961.*
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Naqvi, S. Nh and Jahan, M. (1999). Pesticide Residues in Serum and Blood Samples of the People of Karachi. *Journal of environmental biology* 20: 241-244.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Nath, G. and Srivastava, M. K. (1990). Effect of Processing on the Removal of Malathion From Treated Cabbages (Brassica Oleracea Var Capitata). *Indian j entomol* 52: 300-309.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- National Technical Information Serv., Springfield, VA (USA) (1990). Biodegradation of Pesticides and Herbicides. March 1978-March 1990 (a Bibliography From the Life Sciences Collection Database).
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Naukkarinen, A., Paljarvi, L., Hirvonen, M. R., Komulainen, H., and Savolainen, K. M. (1988). Lithium Aggravates Maloxon-Induced Brain Cell Injury. *18th annual meeting of the society for neuroscience, toronto, ontario, canada, november 13-18, 1988. Soc neurosci abstr* 14: 571.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Navarro Garcia S, Camara, M. A., Barba, A., Toledano, R., and Luna, A. (1992). Incidence of Residual Levels of Organophosphorus Insecticides in Farm Produce in the Region of Murcia, Spain: Comparison of Intake in the 1985-86 and 1989 Campaigns. *J appl toxicol* 12: 251-254.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Navarro, S., PÉrez, G., Navarro, G., and Vela, N. (Decline of Pesticide Residues From Barley to Malt.

- Food addit contam.* 2007, aug; 24(8):851-9. [Food additives and contaminants]: Food Addit Contam.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Navarro, Sim n, P0rez, Gabriel, Navarro, Gin0s, Mena, Luis, and Vela, Nuria (2007). Variability in the fermentation rate and colour of young lager beer as influenced by insecticide and herbicide residues. *Food Chemistry* 105: 1495-1503.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Nazer, I. K. (1974). Protection of Honey Bees With Oxime Drugs From Pesticide Poisoning. *Diss. Abstr. Int.* 35: 2799b.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Nazer, I. K. and Archer, T. E. (1975). In Vitro Studies on Bee Brain Acetylcholinesterase-Organophosphorus Complex Utilizing Oxime Drugs. *Toxicology and Applied Pharmacology* 31: 459-464.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Neary, D. G. (1985). Fate of Pesticide in Florida's Usa Forests an Overview of Potential Impacts on Water Quality. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc* 44: 18-24.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Neary, D. G., Bush, P. B., and Michael, J. L. (1993). Fate, Dissipation and Environmental Effects of Pesticides in Southern Forests: a Review of a Decade of Research Progress. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 12, no. 3, pp. 411-428. 1993.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Neeraja, P., Mohanachari, V., Indira, K., and Sawmi, K. S. (1984). Effect of Malathion on Sheep Liver Argininosuccinate Synthetase Activity. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 4, pp. 283-285. 1984.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Neidert, E. and Saschenbrecker, P. W. (1996). Occurrence of Pesticide Residues in Selected Agricultural Food Commodities Available in Canada. *Journal of aoac international* 79: 549-566.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Nellessen, J. E. and Fletcher, J. S. (1993). Assessment of Published Literature Pertaining to the Uptake/Accumulation, Translocation, Adhesion and Biotransformation of Organic Chemicals by Vascular Plants. *Environmental toxicology and chemistry* 12: 2045-2052.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Nepomnyashchikh, V. A., Delonay, A. J., and Little, E. E. (Behavioral Studies of Contaminant Effects on Aquatic Invertebrates a Review of Russian Investigations. *Bengtson, d. A. And d. S. Henshel (ed.). Astm stp, 1306. Environmental toxicology and risk assessment: biomarkers and risk assessment, fifth volume; symposium, denver, colorado, usa, april 3-5, 1995. Xiii+476p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2031-1.; 0 (1306). 1996. 323-343.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- NERAC, Inc., Tolland, CT (USA) (1993). Malathion Toxicity. (Latest Citations From the Life Sciences Collection Database). Published Search.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Nerin, C., Tornes, A. R., Domeno, C., and Cacho, J. (1996). Absorption of Pesticides on Plastic Films Used as Agricultural Soil Covers. *Journal of agricultural and food chemistry* 44: 4009-4014.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Neuhold, J. M. (1987). The Relationship of Life History Attributes to Toxicant Tolerance in Fishes. *Environ toxicol chem* 6: 709-716.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Neumeyer, J. L. (1981). Pesticides - 1. Foye, w. O. (Ed.). *Principles of medicinal chemistry, 2nd edition. Xiii+931p. Lea and febiger: philadelphia, pa., Usa. Illus. Isbn 0-8121-0722-5. 0: P817-836.*

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Ng, W., Teo, M., and Lakso, H. A. (1999). Determination of Organophosphorus Pesticides in Soil by Headspace Solid-Phase Microextraction. *Fresenius' journal of analytical chemistry* 363: 673-679.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Ngugi, G. and Mbaria, G. (Sustainability in Agricultural Development: Evaluation of Environmental Impacts of Large-Scale Coffee Enterprises in Kiambaa Division, Central Kenya. *International journal of environmental health research*; 5 (1). 1995. 7-17. Ab - biosis copyright: biol abs. This paper presents crucial highlights of a study carried out to assess the sustainability of large-scale coffee production in kiambaa division of central kenya. The result show that to maintain, and probably increase on the 1991 average production of 140 metric tonnes requires the application of massive quantities of increasingly expensive fertilizers and potent biocides. Secondly, the acquisition of success and attainment of abnormal profits in the estates demand lowly-paid labour (mean, ksh 770 or us \$11 per month). The effects are a poisoned environment on one hand and severely exploited employees who, out of the sheer need for survival, have to live and work within this environment. The paper recommends a re-assessment of land acquisition policies to enable widespread participation of the local population in multi-crop farming and a review of agricultural policies to provide stipulations on what agricultural production practices ought to be adopted in different eco.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Nielsen, J. B., Nielsen, F., SØ, and Rensen, J. A. (Defense Against Dermal Exposures Is Only Skin Deep: Significantly Increased Penetration Through Slightly Damaged Skin. *Arch dermatol res.* 2007, nov; 299(9):423-31. [Archives for dermatological research. Archiv fur dermatologische forschung]: Arch Dermatol Res.

Chem Codes: Chemical of Concern: MLN Code : IN VITRO,HUMAN HEALTH.

Niessner, G., Buchberger, W., and Bonn, G. K. (1996). Rapid Multiresidue Screening Method for the Determination of Pesticides in Plant Materials. *Journal of chromatography a* 737: 215-222.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Nishimura, M. (1999). Repellents and Use of Prey Items for Delivering Toxicants for Control of Habu (Trimeresurus Flavoviridis). In: G.H.Rodda, Y.Sawai, D.Chiszar, and H.Tanaka (Eds.), *Problem Snake Management: The Habu and the Brown Treesnake*, Cornell Univ.Press, Ithaca, NY 158-167.

Chem Codes: Chemical of Concern: MLN,CBF,CPY,BTY,EPTC Code: REVIEW.

Nishio, A. and Uyeki, E. M. (Induction of Sister Chromatid Exchanges in Chinese Hamster Ovary Cells by Organophosphate Insecticides and Their Oxygen Analogs. *J toxicol environ health.* 1981 nov-dec; 8(5-6):939-46. [Journal of toxicology and environmental health]: J Toxicol Environ Health.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Nobel, A. (1993). Partition Coefficients N Octanol Water for Pesticides. *J chromatogr* 642: 3-14.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Nohara, S., Hanazato, T., and Iwakuma, T. (1997). Pesticide Residue Flux From Rainwater Into Lake Nakanuma in the Rainy Season. *Japanese journal of limnology* 58: 385-393.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Nomeir, Amin A. and Dauterman, Walter C. (1978). In Vitro Degradation of Malathion by Mouse Liver.

- Biochemical Pharmacology* 27: 2975-2976.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Nowicki, T. W. (1980). Cleanup Procedure for Determination of Five Organophosphates in Rapeseed Extract. *Can.Plains Proc.* 9: 65-75.
Chem Codes: Chemical of Concern: DS,CPY,MLN,DMT Code: IN VITRO.
- Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1992). Chemical Analysis. *Water environ res* 64: 303-333.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1990). Organics. *Res j water pollut control fed* 62: 359-383.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Nunes, G. S. and Barcelo, D. (1998). Electrochemical Biosensors for Pesticide Determination in Food Samples. *Analisis* 26: M156-m159.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- O'Brien, R. D. (1957). The Effect of Malathion and Its Isomer on Carbohydrate Metabolism of the Mouse, Cockroach and House Fly. *J.Econ.Entomol.* 50: 79-84.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- O'Brien, R. D. (1963). Organophosphates and Carbamates. In: *R.M.Hochster and J.H.Quastel (Eds.), Metabolic Inhibitors: A Comprehensive Treatise, Volume II, Acad.Press Inc., New York, NY* 205-241.
Chem Codes: Chemical of Concern: DZ,PRN,DMT,MLN Code: REVIEW.
- O'brien, R. D. (Phosphorylation and Carbamylation of Cholinesterase. *Ann. N. Y. Acad. Sci.*; 160(1), 204-14, 1969; (ref:25).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- O'Brien, R. D. (1961). Selective Toxicity of Insecticides. *Adv.Pest Control Res.* 4: 75-116.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- O'connor, R. J. and Boone, R. B. (A Retrospective Study of Agricultural Bird Populations in North America. *Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). Ecological indicators, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 1165-1184.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- O'malley, M. (1997). Clinical Evaluation of Pesticide Exposure and Poisonings. *Lancet (north american edition)* 349: 1161-1166.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- O'neill, H. J., Pollock, T. L., Brun, G. L., Doull, J. A., Leger, D. A., and Bailey, H. S. (1992). Toxic Chemical Survey of Municipal Drinking Water Sources in Atlantic Canada 1985-1988. *Water pollut res j can* 27: 715-732.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Obst, U. (1991). Dechema Congress on Biotechnology Frankfurt Am Main Germany May 1990. *Z wasser-abwasser- forsch* 24: 1-45.
Chem Codes: Chemical of Concern: MLO Code: NON-ENGLISH.
- Oehme, F. W. and Barrett, D. S. (1986). Veterinary Gastrointestinal Toxicology. *K.Rozman and O.Hanninen (Eds.),*

Gastrointestinal Toxicology, Elsevier Sci.Publ.B.V., Amsterdam, Netherlands, (Dist.In the USA and Canada) by Elsevier Sci.Publ.Co.Inc., New York, NY 464-513.

Chem Codes: Chemical of Concern: 24D,MLN,DDVP,DZ,PRT,PRN,CBL,CBF,PAQT Code: REFS
CHECKED/REVIEW.

Oehme, F. W. and Barrett, D. S. (1986). *Veterinary Gastrointestinal Toxicology. Rozman, k. And o. Hanninen (ed.). Gastrointestinal toxicology. Xxiv+606p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co. Inc.: New york, new york, usa). Illus. Isbn 0-444-90424-7. 0: 464-513.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Ogunseitan, O. A. and Odeyemi, O. (1985). Effects of Lindane, Captan and Malathion on Nitrification, Sulphur Oxidation, Phosphate Solubilisation and Respiration in a Tropical Soil. *Environmental Pollution Series A, Ecological and Biological* 37: 343-354.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Oh-Shin, Y. S., Ko, M., and Shin, H. S. (1997). Simultaneous Quantification of Insecticides Including Carbaryl in Drinking Water by Gas Chromatography Using Dual Electron-Capture and Nitrogen-Phosphorus Detection. *Journal of chromatography a* 769: 285-291.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Ohno, Koichi, Minami, Takehiro, Matsui, Yoshihiko, and Magara, Yasumoto (2008). Effects of chlorine on organophosphorus pesticides adsorbed on activated carbon: Desorption and oxon formation. *Water Research* 42: 1753-1759.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ohta, T., Watanabe, M., Tsukamoto, R., Shirasu, Y., and Kada, T. (1986). Antimutagenic Effects of 5 Fluorouracil and 5 Fluorodeoxyuridine on Uv-Induced Mutagenesis in Escherichia-Coli. *Mutat res* 173: 19-24.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Okumura, D., Melnicoe, R., Jackson, T., Drefs, C., Maddy, K., and Wells, J. (1991). Pesticide Residues in Food Crops Analyzed by the California Usa Department of Food and Agriculture in 1989. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 87-152.*

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Olgun, Selen, Gogal, Jr. Robert M., Adeshina, Femi, Choudhury, Harlal, and Misra, Hara P. (2004). Pesticide Mixtures Potentiate the Toxicity in Murine Thymocytes. *Toxicology* 196: 181-195.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Oliver, L. D. and Mckone, T. E. (Fugacity Approach for Modeling the Transport of Airborne Organic Chemicals in an Air/Plant/Soil System. *Govt reports announcements & index (gra&i), issue 22, 2093.*

Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.

Omura, M., Hashimoto, K., Ohta, K., Iio, T., Ueda, S., Ando, K., Fujiu, Y., Hiraide, H., and Kinae, N. (1991). Effective Application of the Relative Retention Time Diagram for Gas Chromatographic Analysis of Pesticides. *J agric food chem* 39: 2200-2205.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Onodera, S., Hirose, Y., Ishikura, S., and Suzuki, S. (1987). Production of Mutagens by the Treatment With Chlorine of Organophosphorus Pesticides Opp in Dilute Aqueous Solution. *Joint japan-usa congress of pharmaceutical sciences, honolulu, hawaii, usa, december 2-7, 1987. J pharm sci* 76: S131.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Onodera, S., Ishikura, S., Kagawa, Y., and Tanaka, K. (Chemical Reactions of Organic Compounds in Water

- Treated With Chlorine. 1. Formation of the P-O Analogues From the P-S Type of Organophosphorus Pesticides. *Eisei kagaku (j. Hyg. Chem.)* 22(4): 196-205 1976..
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Osborne, B. G., Barrett, G. M., Laal-Khoshab, A. , and Willis, K. H. (1989). The Occurrence of Pesticide Residues in Uk Home-Grown and Imported Wheat. *Pestic sci* 27: 103-109.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Osman, N. and Fong, A. W. (1988). (Toxicity of Insecticides Towards Larval Corcyra Cepalonica St.). *PERTANIKA. Vol. 11, no. 2, pp. 195-201. 1988.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Osselton, M. D. and Snelling, R. D. (1986). Chromatographic Identification of Pesticides. *J chromatogr* 368: 265-272.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Osterdahl, B. G. (1999). Analysis of Pesticide Residues in Fruit and Vegetables After Cleanup With Solid-Phase Extraction Using Env+ (Polystyrene-Divinylbenzene) Cartridges. Au - Pihlstrom T. *Journal of agricultural and food chemistry* 47: 2549-2552.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ostrea, E. M. Jr, Bielawski, D. M., Posecion, N. C. Jr, Corrion, M., Villanueva-Uy, E., Jin, Y., Janisse, J. J., and Ager, J. W. (A Comparison of Infant Hair, Cord Blood and Meconium Analysis to Detect Fetal Exposure to Environmental Pesticides. *Environ res. 2008, feb; 106(2):277-83. [Environmental research]: Environ Res.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ouye, M. T. (An Overview of Post Harvest Insect Research Performed by Usa Department of Agriculture Agricultural Research Service Laboratories. *Baur, f. J. (Ed.). Insect management for food storage and processing. Xv+384p. American association of cereal chemists: st. Paul, minn., Usa. Illus. Isbn 0-913250-38-4.; 0 (0). 1984 (recd. 1985). 203-224.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ozretic, B. and Krajnovic-Ozretic, M. (1992). Esterase Heterogeneity in Mussel Mytilus Galloprovincialis: Effects of Organophosphate and Carbamate Pesticides in Vitro. *Comp biochem physiol c comp pharmacol toxicol* 103: 221-225.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Paddle, B. M. (1996). Biosensors for Chemical and Biological Agents of Defence Interest. *Biosensors & bioelectronics* 11: 1079-1113.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Paez, D. M. and Farah, M. (Rapid Method for the Identification of Organophosphate Components in Blood Using Thin Layer Chromatography. *Rev asoc bioquim argent; 36 (194-195). 1971 (recd 1972) 127-131.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Pal, Tarasankar, Griffin, Guy D., Miller, Gordon H., Watson, Annetta P., Daugherty, Mary Lou, and Vo-Dinh, Tuan (1993). Permeation Measurements of Chemical Agent Simulants Through Protective Clothing Materials. *Journal of Hazardous Materials* 33: 123-141.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pala, I., Vig, P. Js, Desaiiah, D., and Srinivasan, A. (1991). In Vitro Effects of Organophosphorus Compounds on Calmodulin Activity. *J appl toxicol* 11: 391-396.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Palmgren, M. S. and Lee, T. C. (1984). Malathion and Diazinon Levels in Grain Dust From New Orleans Area Grain Elevators. *American Industrial Hygiene Association Journal [AM. IND. HYG. ASSOC. J.]*. Vol. 45, no. 3, pp. 168-171. 1984.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Pandey, G. C. (1995). Kinetics of Organophosphorus Pesticide Inhibition of Acetylcholinesterase (Ec 3.1.1.7) From the Head of Tryporyza Nivella (Fabr.) (Lepidoptera: Pyralidae). *Folia biologica (cracow)* 43: 161-165.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Pandey, G. C. and Agarwal, R. A. (1982). In Vitro Inhibition of Acetylcholinesterase in the Head and Body Wall of Tryporyza Nivella (Fabr.) Following Treatment With Organophosphorus and Carbamate Insecticides. *Entomon.* Vol. 7, no. 2, pp. 123-131. 1982.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Pannell, M., Gilbert, J. D., Gardiner, J., and Byard, R. W. (2001). Death Due to Malathion Poisoning. *Journal of Clinical Forensic Medicine* 8: 156-159.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Paris, D. F., Lewis, D. L., and Wolfe, N. L. (1975). Rates of Degradation of Malathion by Bacteria Isolated From Aquatic System. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 9, no. 2, pp. 135-138. 1975.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Parke, D. V., Dhimi, M. Si, and Afzal, M. (1997). The Effect of Nutrition on Chemical Toxicity. *Drug metabolism and drug interactions* 13: 161-193.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Parker, P. J-a N and Callaghan, A. (1997). Esterase Activity and Allele Frequency in Field Populations of (Simulium Equinum L.) (Diptera: Simuliidae) Exposed to Organophosphate Pollution. *Environmental toxicology and chemistry* 16: 2550-2555.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Parrish, P. R., Dyar, E. E., Lindberg, M. A., Shanika, C. M., and Enos, J. M. (1977). Chronic Toxicity of Methoxychlor, Malathion, and Carbofuran to Sheepshead Minnows (Cyprinodon Variegatus). *EPA-600/3-77-059, U.S.EPA, Gulf Breeze, FL* 36 p.(Publ As 5074).
Chem Codes: Chemical of Concern: CBF,MLN Code: PUBL AS .
- Parsons, K. C., Schmidt, S. R., Tarbill, G., and Tucker, K. R. (2005). Sublethal Effects of Exposure to Cholinesterase-Inhibiting Pesticides: Humans and Vertebrate Wildlife. *Final Report, September 2005* 115 p.
Chem Codes: EcoReference No.: 102256
Chemical of Concern: DCTP,TMP,DZ,CBF,FNT,MP,MLN,DLD Code: REVIEW.
- Paschal, D. C. and Neville, M. E. (Chemical and Microbial Degradation of Malaoxon in an Illinois Soil. *J. Environ. Qual.* 5(4): 441-443 1976..
Chem Codes: Chemical of Concern: MLO Code: SEDIMENT CONC.
- Pasha, A., Vijayashankar, Y. N., and Karanth, N. Gk (1996). Thin-Layer Chromatographic Detection of Phosphorothionate and Phosphorothiolothionate Pesticides Using 4-Amino-N,N-Diethylaniline. *Journal of aoac international* 79: 1009-1011.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Pathiratne, A. and George, S. (1996). Effects of in Vivo Induction and Inhibition of Phase 1 and 2 Enzymes on the Toxicity of Malathion to Tilapia. *8th international symposium on pollutant responses in marine organisms, pacific grove, california, usa, april 2-5, 1995. Marine environmental research* 42: 278-279.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Patil, T. N., Morton, R. A., and Singh, R. S. (1990). Characterization of 7-Ethoxycoumarin-O-Deethylase From Malathion Resistant and Susceptible Strains of *Drosophila Melanogaster*. *Insect Biochemistry* 20: 91-98.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Patsias, J. and Papadopoulou-Mourkidou, E. (1996). Rapid Method for the Analysis of a Variety of Chemical Classes of Pesticides in Surface and Ground Waters by Off-Line Solid-Phase Extraction and Gas Chromatography-Ion Trap Mass Spectrometry. *Journal of chromatography a* 740: 83-98.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Pearce, K. L., Trenerry, V. C., and Were, S. (1997). Supercritical Fluid Extraction of Pesticide Residues From Strawberries. *Journal of agricultural and food chemistry* 45: 153-157.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Pearce, N. E., Smith, A. H., Howard, J. K., Sheppard, R. A., Giles, H. J., and Teague, C. A. (1986). Non-Hodgkin's Lymphoma and Exposure to Phenoxyherbicides Chlorophenols Fencing Work and Meat Works Employment a Case-Control Study. *Br j ind med* 43: 75-83.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Pechhacker, H. (1974). The Effects of Aerial Chemical Control of Forest Pests on Honeydew Producers and Ants. *Anz.Schadlingskd.Pflanzenschutz Umweltschutz* 47: 42-45 (GER).
Chem Codes: EcoReference No.: 104640
Chemical of Concern: MLN Code: NON-ENGLISH.

Pedersen, J. A., Yeager, M. A., and Suffet, I. H. (2006). Organophosphorus Insecticides in Agricultural and Residential Runoff: Field Observations and Implications for Total Maximum Daily Load Development. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 40, no. 7, pp. 2120-2127. 1 Apr 2006.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Pednekar, M. D., Gandhi, S. R., and Netrawali, M. S. (1987). Evaluation of Mutagenic Activities of Endosulfan Phosalone Malathion and Permethrin Before and After Metabolic Activation in the Ames Salmonella Test. *Bull environ contam toxicol* 38: 925-933.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Peedicayil, J., Ernest, K., Thomas, M., Kanagasabapathy, A. S., and Stephen, P. M. (1991). The Effect of Organophosphorus Compounds on Serum Pseudocholinesterase Levels in a Group of Industrial Workers. *Hum exp toxicol* 10: 275-278.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Pellenbarg, R. E. and Dotson, D. A. (1986). Degradation of an Organophosphorus Pesticide Synergistic Effects of Aqueous Oxidants and Uv Radiation. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Pemberton, J. M. and Wynne, E. C. (1984). Genetic Engineering and Biological Detoxification-Degradation of Insecticides. *Lal, r. (Ed.). Insecticide microbiology. Xvi+268p. Springer-verlag: berlin, west germany* New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 147-168.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Pena, C. J. and Medina, J. (1992). Evaluation of Malathion and Paris Green for the Control of *Anopheles-Albimanus* in a Tourist Area in the Dominican Republic. *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 308.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Pennsylvania Academy of Science Usa (1999). 75th Annual Meeting of the Pennsylvania Academy of Science (Pocono Manor, Pennsylvania, Usa; April 9-11, 1999). *Journal of the pennsylvania academy of science* 72: 148-188.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Penttila, P. L. and Siivinen, K. (1996). Control and Intake of Pesticide Residues During 1981-1993 in Finland. *Food additives and contaminants* 13: 609-621.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Penuela, G. A. and Barcelo, D. (1998). Photosensitized Degradation of Organic Pollutants in Water: Processes and Analytical Applications. *Trends in analytical chemistry* 17: 605-612.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Perez Clavijo M, Plaza Medina M, Sanz Asensio J, and Galban Bernal J (1996). Decay Study of Pesticide Residues in Apple Samples. *Journal of chromatography a* 740: 146-150.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Perona, M. J. (1992). The Solubility of Hydrophobic Compounds in Aqueous Droplets. *Atmos environ part a gen top* 26: 2549-2553.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Petreas, M., Brown, M., Mischke, T., Okamoto, H., and Stephens, R. (1992). Environmental Monitoring for Malathion and Co-Products Following Aerial Application in an Urban Area. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Envr319.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Pettigrove, V., Korth, W., Thomas, M., and Bowmer, K. H. (1996). The Impact of Pesticides Used in Rice Agriculture on Larval Chironomid Morphology. *CSIRO (Commonwealth Sci.Ind.Res.Org.) Inf.Serv.Branch, Victoria, Australia* 81-88.
Chem Codes: Chemical of Concern: MLN,CPY,MLT Code: MIXTURE.
- Pfleeger, T. G. and Zobel, D. (1990). Xenobiotic Modification of Competitive Hierarchy in an Annual Plant Community. *75th annual meeting of the ecological society of america on perspectives in ecology: past, present, and future, snowbird, utah, usa, july 29-august 2, 1990. Bull ecol soc am* 71: 284-285.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Pflugmacher, J. and Ebing, W. (Elevation of the Elution Behaviour of Some Classes of Pesticides in Gel Chromatography. *J chromatogr*; 151 (2). 1978 171-198.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Picchioni, Albert L., Chin, Lincoln, Verhulst, Henry L., and Dieterle, Brian (1966). Activated Charcoal Vs. "Universal Antidote" as an Antidote for Poisons. *Toxicology and Applied Pharmacology* 8: 447-454.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pimentel, D. (1994). Insect Population Responses to Environmental Stress and Pollutants. *Environmental reviews* 2: 1-15.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pingale, V. S. and Rale, V. B. (1991). Effect of Residual Pesticides on Microflora During Fruit Development in Mangifera Indica, L. *Indian j environ health* 33: 198-202.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, YEAST.
- Pitts, J. N Jr (1993). Atmospheric Formation and Fates of Toxic Ambient Air Pollutants. *Occupational medicine (philadelphia)* 8: 621-662.

- Chem Codes: Chemical of Concern: MLN Code: FATE.
- Plimmer, J. R. and Johnson, W. E. (1991). Pesticide Degradation Products in the Atmosphere. *Somasundaram, I. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 274-284.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Pluth, J. M., O'Neill, J. P., Nicklas, J. A., and Albertini, R. J. (1998). Molecular Bases of Hprt Mutations in Malathion-Treated Human T-Lymphocytes. *Mutation Research [MUTAT. RES.]*. Vol. 397, no. 2, pp. 137-148. 2 Feb 1998.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pocurull, E., Aguilar, C., Borrull, F., and Marce, R. M. (1998). On-Line Coupling of Solid-Phase Extraction to Gas Chromatography With Mass Spectrometric Detection to Determine Pesticides in Water. *Journal of chromatography a* 818: 85-93.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Poggi-Varaldo, H. M., Estrada-Vazquez, C., and Rinderknecht-Seijas, N. (1998). Agricultural Wastes. *Water environment research* 70: 601-620.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Pogoda, J. M. and Preston-Martin, S. (1997). Household Pesticides and Risk of Pediatric Brain Tumors. *Environmental health perspectives* 105: 1214-1220.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pollard, G. V. (1991). Constraints to Ipm Development and a Strategy for Management of Tomato and Cabbage Pests in Trinidad, West Indies. *Trop pest manage* 37: 59-62.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pollero, R., Goyena, R., Siquirot, M., and Tumino, R. (1976). Removal of Pesticides in Water of Rio De La Plata. *Bull. Environ. Contam. Toxicol.* Vol. 15, no. 5, pp. 617-622. 1976.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pols, H. B., Hieltsjes, A. Hm, and Kouwe, F. A. (1991). The Occurrence and the Sources of Black List Substances in Two River Basins in the Netherlands. *Iawprc (international association on water pollution research and control) conference on north sea pollution: technical strategies for improvement, amsterdam, netherlands, september 10-14, 1990. Water sci technol* 24: 55-68.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pomerleau, O. F., Burmeister, M., Madden, P., Long, J. C., Swan, G. E., and Kardia, S. L. (Genetic Research on Complex Behaviors: an Examination of Attempts to Identify Genes for Smoking. *Nicotine tob res.* 2007, aug; 9(8):883-901. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]: *Nicotine Tob Res.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.
- Pomerleau, O. F., Pomerleau, C. S., Chu, J., and Kardia, S. L. (Genome-Wide Linkage Analysis for Smoking-Related Regions, With Replication in Two Ethnically Diverse Populations. *Nicotine tob res.* 2007, sep; 9(9):955-8. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]: *Nicotine Tob Res.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pommer, G. and Lepschy, J. (Studies on the Contents of Winter Wheat and Carrots Produced and Marketed in Various Fashions. *Bayer landwirtsch jahrb*; 62 (5). 1985 (recd. 1986). 549-564.

- Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Popper, R., Andino, K., Bustamante, M., Hernandez, B., and Rodas, L. (1996). Knowledge and Beliefs Regarding Agricultural Pesticides in Rural Guatemala. *Environmental management* 20: 241-248.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Porteous, A. (1992). Dictionary of Environmental Science and Technology Revised Edition. *Porteous, a. Dictionary of environmental science and technology, revised edition. Xiv+439p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-93544-1.; 0: Xiv+439p.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Pournourmohammadi, Shirin, Ostad, Seyed Nasser, Azizi, Ebrahim, Ghahremani, Mohammad Hossein, Farzami, Bijan, Minaie, Bagher, Larijani, Bagher, and Abdollahi, Mohammad (2006). Effect of Malathion at Subchronic Exposure on Insulin Secretory Response of Rat Isolated Pancreatic Islets: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S164-S165.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Prabhakar, Nirmal, Arora, Kavita, Singh, Surinder P., Pandey, Manoj K., Singh, Harpal, and Malhotra, Bansi D. (2007-). Polypyrrole-polyvinyl sulphonate film based disposable nucleic acid biosensor. *Analytica Chimica Acta* 589: 6-13.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Prevot, P. and Soyer-Gobillard, M. O. (1985). Effects of the Organophosphorus Insecticide Malathion on the Marine Dinoflagellate *Prorocentrum Micans* E. (Effets Du Malathion, Insecticide Organophosphore, Sur Le Dinoflagelle Marin *Prorocentrum Micans* E.). *Vie Milieu* 35: 15-21 (FRE) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Price, N. R. (1991). Enzymic Factors in the Resistance of Stored-Product Pests to Insecticides. *638th meeting of the biochemical society, reading, england, uk, april 10-12, 1991. Biochem soc trans* 19: 759-762.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Price, N. R. (1988). Insecticide-Insensitive Acetylcholinesterase From a Laboratory Selected and a Field Strain of Housefly (*Musca Domestica*) (L.). *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology* 90: 221-224.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Prickett, A. J. (Maintaining Insecticide Susceptibility in Stored-Grain Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987).* 355.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Prieto, A., Ettiene, G., Medina, D., Buscema, I., Gonzalez, G., and Araujo, L. (1999). Analysing Organophosphorus Pesticides in Wines Using Graphitized Carbon Black Extraction Cartridges. *Food additives and contaminants* 16: 57-61.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Prinsloo, S. M. and De Beer Pr (1985). Gas Chromatographic Relative Retention Data for Pesticides on Nine Packed Columns I. Organophosphorus Pesticides Using Flame Photometric Detection. *J assoc off anal chem* 68: 1100-1108.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Prokopenko, V. A. and Filatova, G. A. (1980). Effect of Carbophos on Hydrobionts. *Veterinariya (Mosc.)* 9: 60-62 (RUS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

- Puelschen, L., Kaske, R., and Sauerborn, S. (1994). Pesticide Use in Egypt, Its Ecological Impact and Mitigative Measures. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 101: 303-315.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pugliese, P., MoltÓ, Jc, Damiani, P., MarÍ, N, R., Cossignani, L., MaÑ, and Es, J. (Gas Chromatographic Evaluation of Pesticide Residue Contents in Nectarines After Non-Toxic Washing Treatments. *J chromatogr a*. 2004, oct 1; 1050(2):185-91. [*Journal of chromatography. A*]: *J Chromatogr A*.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Pykh, Y. U. A and Malkina-Pykh, I. G. (1997). Polmod.pest. The Model of Pesticides Dynamics in the Elementary Ecosystems. *Ecological modelling* 98: 215-236.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Pylypiw, H. M Jr (1993). Rapid Gas Chromatographic Method for the Multiresidue Screening of Fruits and Vegetables for Organochlorine and Organophosphate Pesticides. *Journal of aoac international* 76: 1369-1373.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Qian, C., Sanders, P. F., and Seiber, J. N. (1985). Accelerated Degradation of Organophosphorus Pesticides With Sodium Perborate. *Bull environ contam toxicol* 35: 682-688.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Bohls, R. A., Pooler, P. D., Foster, R. N., Reuter, K. C., and Swain, J. L. (1991). Habitat Characteristics and Grasshopper Community Dynamics on Mixed-Grass Rangeland. *Can entomol* 123: 89-106.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Ra'afat, H. R. (Notes on Occupational and Environmental Importance of Pesticides in Iraq. *Bull endem dis*; 27 (1-4). 1986 (recd. 1987). 21-24.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rafai, M. A., Boulaajaj, F. Z., Bourezgui, M., Charra, B., Otmani, H. E., Benslama, A., Motaouakkil, S., and Slassi, I. ([Clinical and Electrophysiological Aspects of Acute Organophosphate Intoxication]. *Neurophysiol clin*. 2007 jan-mar; 37(1):35-9. [*Neurophysiologie clinique = clinical neurophysiology*]: *Neurophysiol Clin*.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH,HUMAN HEALTH.
- Raghavendra, K., Vasantha, K., Subbarao, S. K., Pillai, M. Kk, and Sharma, V. P. (1991). Resistance in Anopheles Culicifacies Sibling Species B and C to Malathion in Andhra Pradesh and Gujarat States, India. *J am mosq control assoc* 7: 255-259.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Ragusa, S. (1983). Side Effects of Pesticides on Phytoseiid Mites Inhabiting Hazelnut. *Conference: 13. Congresso Nazionale Italiano di Entomologia, Torino (Italy), 27 Jun - 1 Jul 1983*.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Rahman, M. S., Malek, M. A., and Matin, M. A. (1995). Trend of Pesticide Usage in Bangladesh. *Science of the total environment* 159: 33-39.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Rajakovic, Ljubinka, Ghaemmaghami, Vida, and Thompson, Michael (1989). Adsorption on Film-Free and Antibody-Coated Piezoelectric Sensors. *Analytica Chimica Acta* 217: 111-121.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rajendra, W., Bhargava, D., Indira, K., and Swami, K. S. (1980). Effect of Malathion on Nucleotide Deamination in

- Sheep Liver. *National Academy of Science Letters [NATL. ACAD. SCI. LETT.]*. Vol. 3, no. 9, pp. 277-278. 1980.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Raju, J. and Gupta, V. K. (1989). A New Extractive Spectrophotometric Method Using Malonyl Dihydrazide for the Determination of Organophosphorus Pesticides in Surface Residues. *Microchem j* 39: 166-171.
Chem Codes : Chemical of Concern: MLN Code: CHEM METHODS.
- Rajukkannu, K., Basha, A. A., Habeebullah, B., Duraisamy, P., and Balasubramanian, M. (Degradation and Persistence of Ddt Bhc Carbaryl and Malathion in Soils. *Indian j environ health*; 27 (3). 1985 (recd. 1986). 237-243.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Ramanathan, M. P. and Lalithakumari, D. (1999). Complete Mineralization of Methylparathion by Pseudomonas Sp. A3. *Applied biochemistry and biotechnology* 80: 1-12.
Chem Codes: Chemical of Concern: MLN Code : BACTERIA, METABOLISM.
- Ramesh, A. and Balasubramanian, M. (1999). Kinetics and Hydrolysis of Fenamiphos, Fipronil, and Trifluralin in Aqueous Buffer Solutions. *Journal of agricultural and food chemistry* 47: 3367-3371.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Ramke, D. (1969). Development of Organophosphorus Resistant Aedes nigromaculis (Ludlow) in the Tulare Mosquito Abatement District. *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 37: 63.
Chem Codes: Chemical of Concern: CPY,TMP,PPX,DDVP,Naled,FNTH,MLN,MP,PRN Code: NO DURATION.
- Rani, V. Js and Janaiah, C. (1989). In-Vitro Effects of Three Organophosphorus Insecticides on Kinetic Constants of Acetylcholinesterase in a Freshwater Teleost Clarias-Batrachus Linn. *Curr sci (bangalore)* 58: 1048-1051.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rao, B. N., Murthy, K. S Rk, Rao, S. N Km, and Azam, K. N. (Residues of Emulsifiable Concentrate and Dust Formulations of Malathion on Brinjal. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 58-59.*
Chem Codes: Chemical of Concern: MLN Code : NO SPECIES (DEAD).
- Rao, D. E. Gangadhar and Shetty, N. J. (1996). Proteins and Esterase Isozymes During Developmental Stages of Organophosphate Resistant Strains in Anopheles Stephensii Liston. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology and Toxicology* 114: 51-55.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rao, K. S. P., Basha, S. M., and Rao, K. V. R. (1984). Differential Action of Malathion, Carbaryl and Bhc on Acetyl-Cholinesterase Activity of a Teleost, Tilapia Mossambica (Peters). *J.Environ.Biol.* 5: 241-247.
Chem Codes: Chemical of Concern: HCCH,CBL,MLN Code: NO DURATION.
- Rao, M. R., Kanji, V. K., and Sekhar, V. (1999). Pesticide Induced Changes of Nitric Oxide Synthase in Rat Brain in Vitro. *Drug and chemical toxicology an international journal for rapid communication* 22: 411-420.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rao, P. Sc, Hornsby, A. G., and Jessup, R. E. (1985). Indices for Ranking the Potential for Pesticide Contamination of Groundwater. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc* 44: 1-8.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Rao, P. V Vp, Seshaiiah, K., and Naidu, P. R. (1987). Determination of Malathion Residues in Eggs by the Modified

- Colorimetric Method. *Pesticides (bombay)* 21: 37-38.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Rao, T. Vp and Behera, N. (1991). The Effect of Malathion on Soil Nitrification. *Geobios (jodhpur)* 18: 243-245.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Rapiti, E., Fantini, F., Dell'orco, V., Fano, V., Blasetti, F., Bracci, C., Forastiere, F., and Comba, P. (1997). Cancer Mortality Among Chemical Workers in an Italian Plant. *European journal of epidemiology* 13: 281-285.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rathore, H. S. (1996). Chromatographic and Related Spot Tests for the Detection of Water Pollutants. *Journal of chromatography a* 733: 5-17.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.
- Rathore, H. S., Gupta, S., and Khan, H. A. (1986). Pressure Capillary Spot-Test for the Detection of Pollutants in Crops Vegetation and Environment. *Anal lett* 19: 1545-1560.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ravi, J. (1987). Effect of Pesticides on Fish Fry Reared in Paddy Fields. *J.Agric.Sci.* 21: 59-60 (ABS).
Chem Codes: Chemical of Concern: ES,MLN,DMT,CBF Code: ABSTRACT.
- Readman, J. W., Liong Wee Kwong, L., Mee, L. D., Bartocci, J., Nilve, G., Rodriguez-Solano, J. A., and Gonzalez-Farias, F. (1992). Persistent Organophosphorus Pesticides in Tropical Marine Environments. *Marine Pollution Bulletin* 24: 398-402.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Reardon, K. F. (1994). Challenges for in Situ Bioremediation of Chemical Mixtures. *Yang, r. S. H. (Ed.). Toxicology of chemical mixtures: case studies, mechanisms, and novel approaches. Xxiv+720p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-768350-x.; 0: 505-538.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Reddy, P. S., Bhagyalakshmi, A., and Ramamurthi, R. (1986). Subacute Physiological Stress Induced by Malathion on Carbohydrate Metabolism in the Crab *Oziotelphusa-Senex-Senex*. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 63.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Reece, R. L., Scott, P. C., Forsyth, W. M., Gould, J. A., and Barr, D. A. (1985). Toxicity Episodes Involving Agricultural Chemicals and Other Substances in Birds in Victoria, Australia. *Veterinary Record [VET. REC.J. Vol. 117, no. 20, pp. 525-527. 1985.*
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Reed, D. V., Lombardo, P., Wessel, J. R., Burke, J. A., and McMahon, B. (1987). The Fda Pesticides Monitoring Program. *J assoc off anal chem* 70: 591-595.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Reeder, A. L., Foley, G. L., Nichols, D. K., Hansen, L. G., Wikoff, B., Faeh, S., Eisold, J., Wheeler, M. B., Warner, R., Murphy, J. E., and Beasley, V. R. (1998). Forms and Prevalence of Intersexuality and Effects of Environmental Contaminants on Sexuality in Cricket Frogs (*Acris Crepitans*). *Environmental health perspectives* 106: 261-266.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Reeves, R. G., Woodham, D. W., Ganyard, M. C., and Bond, C. A. (1977). Preliminary Monitoring of Agricultural Pesticides in a Cooperative Tobacco Pest Management Project in North Carolina, 1971 - First-Year Study. *Pestic.Monit.J.* 11: 99-106.
Chem Codes: Chemical of Concern: MOM,AZ,CBL,MLN,DZ,EN,PRN Code: SURVEY.

- Reiter, P., Rigau-Perez, J. G., Amador, M., Vidal, J., Suarez, M. F., Seda, H., and Clark, G. G. (1992). Did Ulv Prolong an Epidemic of Dengue in Florida Puerto Rico? *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 315.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rekolainen, S. (1988). Occurrence and Leaching of Pesticides in Waters Draining From Agricultural Land. *Angeletti, g. And a. Bjorseth (ed.). Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 195-197.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Rengasamy, S. and Parmar, B. S. (1988). Investigation of Some Factors Influencing Isomalathion Formation in Malathion Products. *J agric food chem* 36: 1025-1030.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rethwisch, M. D., Mcdaniel, C. W., and Major, G. (1993). Comparison of Aerially Applied Insecticide Treatments for Aphid Control on Seed Broccoli 1991. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 88. Ab - biosis copyright: biol abs. Rrm brassica-oleracea myzus-persicae brevicoryne-brassicae capture thiodan malathion pounce pesticide* 88.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Reutergardh, L. (1996). Analysis of Some Micro Pollutants. *Resources conservation and recycling* 16: 281-288.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rezg, Raja, Mornagui, Bessem, El-Fazaa, Saloua, and Gharbi, Najoua (2008-). Lipid peroxidative damage on hypothalamo-pituitary-adrenal axis following subchronic exposure to malathion in rats. *Toxicology Letters* 180: S173-S174.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ribeiro, B., Guedes, R. N., CorrÊ, A, A. S., and Santos, C. T. (Fluctuating Asymmetry in Insecticide-Resistant and Insecticide-Susceptible Strains of the Maize Weevil, Sitophilus Zeamais (Coleoptera: Curculionidae). *Arch environ contam toxicol.* 2007, jul; 53(1):77-83. [Archives of environmental contamination and toxicology]: Arch Environ Contam Toxicol.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rice, R. G. (1988). Ozone Oxidation Products Implications for Drinking Water Treatment. *Larson, r. A. (Ed.). Biohazards of drinking water treatment* 194th national meeting of the environmental chemistry division of the american chemical society, new orleans, louisiana, usa, september 1987. Ix+293p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-110-6.; 0: 153-170.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Riddles, P. W. and Nolan, J. (1987). Prospects for the Management of Arthropod Resistance to Pesticides. *Symposium on parasitology: quo vadit held at the sixth international congress of parasitology, brisbane, queensland, australia, august 24-29, 1986. Int j parasitol* 17: 679-688.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Riegert, P. W., Ewen, A. B., and Lockwood, J. A. (1997). A History of Chemical Control of Grasshoppers and Locusts 1940-1990. *Gangwere, s. K., M. C. Muralirangan and m. Muralirangan (ed.). The bionomics of grasshoppers, katydids and their kin. Xiii+529p. Cab international: wallingford, england, uk. Isbn 0-85199-141-6. 0: 385-405.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Ristori, C., Del Carlo C, Martini, M., Barbaro, A., and Ancarani, A. (1996). Potentiometric Detection of Pesticides in Water Samples. *Analytica chimica acta* 325: 151-160.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ritter, W. (1988). Medications Registered in Western Europe for Varroa Control. *Apidologie* 19: 113-116.
Chem Codes: Chemical of Concern: CMPH,MLN,FVL,AMZ Code: REFS CHECKED/REVIEW.
- Ritter, W. F. (1990). Pesticide Contamination of Ground Water in the Usa a Review. *J environ sci health part b pestic food contam agric wastes* 25: 1-30.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Rivett, K. and Potgieter, P. D. (1987). Diaphragmatic Paralysis After Organophosphate Poisoning a Case Report. *S afr med j* 72: 881-882.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ro, K. S. and Libra, J. A. (1995). Pesticides and Herbicides. *Water environment research* 67: 548-552.
Chem Codes: Chemical of Concern: MLN Code: FATE, MODELING.
- Roche, P. and Prados, M. (1995). Removal of Pesticides by Use of Ozone or Hydrogen Peroxide-Ozone. *Ozone science & engineering* 17: 657-672.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Rodgers, K. E., Ellefson, D., and Ware, C. F. (1986). Effect of in-Vitro Exposure to O S S Trimethyl Phosphorodithioate on Murine Immune Responses. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 329.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rodgers, Kathleen E., Grayson, Marcia H., Imamura, Toshiko, and Devens, Bruce H. (1985). In Vitro Effects of Malathion and O,O,S-Trimethyl Phosphorothioate on Cytotoxic T-Lymphocyte Responses. *Pesticide Biochemistry and Physiology* 24: 260-266.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rodrigues, M. A Lr and Chenker, E. (1988). Activity of Enzymes Related to Carbohydrate Metabolism in Cells Exposed to Malathion. *In vitro toxicol* 2: 15-18.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rodriguez, M., Ortiz, E., Bisset, J. A., Hemingway, J., and Saledo, E. (1993). Changes in Malathion and Pyrethroid Resistance After Cypermethrin Selection of *Culex quinquefasciatus* Field Populations of Cuba. *Med.Vet.Entomol.* 7: 117-121.
Chem Codes: Chemical of Concern: MLN,PMR,CYP Code: NO CONC.
- Rodriguez, O. P., Muth, G. W., Berkman, C. E., Kim, K., and Thompson, C. M. (Inhibition of Various Cholinesterases With the Enantiomers of Malaoxon. *Bulletin of environmental contamination and toxicology*, vol. 58, no. 2, pages 171-176, 14 references, 1997.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Rodriguez Rodriguez, J. A., Molina Martin, E., and Martinez Fernandez, A. R. (1981). (Actual Sensitivity of Culicine Larvae. Ii. Organophosphate Insecticides.). *Revista Iberica de Parasitologia [REV. IBER. PARASITOL.]*. Vol. 41, no. 4, pp. 519-526. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Roe, B. A. and Lemley, A. T. (1997). Treatment of Two Insecticides in an Electrochemical Fenton System. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 32: 261-281.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

- Roe, B. A. and Lemley, A. T. (1996). Treatment of Two Pesticides in a Photo-Assisted Electrochemical Fenton System. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 195.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Roger, P. A., Simpson, I., Oficial, R., Ardales, S., and Jimenez, R. (1994). Effects of Pesticides on Soil and Water Microflora and Mesofauna in Wetland Ricefields: a Summary of Current Knowledge and Extrapolation to Temperate Environments. *Australian journal of experimental agriculture* 34: 1057-1068.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Rogers, K. R., Cao, C. J., Valdes, J. J., Eldefrawi, A. T., and Eldefrawi, M. E. (1991). Acetylcholinesterase Fiber-Optic Biosensor for Detection of Anticholinesterases. *Fundam appl toxicol* 16: 810-820.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Roinestad, K. S., Louis, J. B., and Rosen, J. D. (1993). Determination of Pesticides in Indoor Air and Dust. *Journal of aoac international* 76: 1121-1126.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.
- Romyen, S., Hawker, D., and Karnchanasest, B. (Distribution of Organophosphate Insecticides in a Thai Biomass-Water System. *J environ sci health b*. 2007, nov; 42(8):869-75. [*Journal of environmental science and health. Part. B, pesticides, food contaminants, and agricultural wastes*]: *J Environ Sci Health B*.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rosen, J. D. and Gretch, F. M. (Analytical Chemistry of Pesticides Evolution and Impact. *Marco, g. J., R. M. Hollingworth and w. Durham (ed.). Silent spring revisited; symposium, philadelphia, pennsylvania, usa, august 1984. Xviii+214p. American chemical society: washington, d.c., Usa. Illus. Paper. Isbn 0-8412-0981-2(paper); isbn 0-8412-0980-4(cloth).; 0 (0). 1987. 127-144.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rosenkranz, H. S. and Klopman, G. (Structural Alerts to Genotoxicity: the Interaction of Human and Artificial Intelligence. *Mutagenesis* 5:333-361,1990: *MUTAGENESIS*.
Chem Codes: Chemical of Concern: MLO Code : NO TOX DATA.
- Ross, Thomas E. (1981). Diatomaceous Earth as a Possible Alternative to Chemical Insecticides. *Agriculture and Environment* 6: 43-51.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Rostad, C. E. (1997). Concentration and Transport of Chlordane and Nonachlor Associated With Suspended Sediment in the Mississippi River, May 1988 to June 1990. *Archives of environmental contamination and toxicology* 33: 369-377.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Roth, M., Richards, R. H., and Sommerville, C. (1993). Current Practices in the Chemotherapeutic Control of Sea Lice Infestations in Aquaculture a Review. *J fish dis* 16: 1-26.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Roush, R. T. and Miller, G. L. (1986). Considerations for Design of Insecticide Resistance Monitoring Programs. *J econ entomol* 79: 293-298.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Rowlands, D. G. (The Metabolism of Ddt in Stored Wheat Grains. *J. Stored prod. Res.*; 4(3), 183-96, 1968; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Rowlands, D. G. and Clements, June E. (1965). The Degradation of Malathion in Rice Brans. *Journal of Stored*

- Products Research* 1: 101-103.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Rozewicka, L. (1977). The Influence of Insecticides on DNA in Nuclei of Spermatogonium B and in Spermatozoons of White Mice. *Folia Histochem.Cytochem.* 15: 159-160.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ruiz-Leal, M. and George, S. *. (2004). An in Vitro Procedure for Evaluation of Early Stage Oxidative Stress in an Established Fish Cell Line Applied to Investigation of Phah and Pesticide Toxicity. *Marine environmental research [Mar. Environ. Res.]*. Vol. 58, no. 2-5, pp. 631-635. 2004.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Ruiz, M. J., Lopez-Jaramillo, L., Redondo, M. J. , and Font, G. (1997). Toxicity Assessment of Pesticides Using the Microtox Test Application to Environmental Samples. *Bulletin of environmental contamination and toxicology* 59: 619-625.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ruiz, M. J., Redondo, M. J., and Font, G. (1997). Solid-Phase Extraction Disks for Determining Pesticides From Soil Leachates. *Journal of chromatography a* 776: 348-354.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rupa, D. S., Reddy, P. P., and Reddi, O. S. (1989). Frequencies of Chromosomal Aberrations in Smokers Exposed to Pesticides in Cotton Fields. *Mutation Research/Genetic Toxicology* 222: 37-41.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rupa, D. S., Reddy, P. P., Sreemannarayana, K., and Reddi, O. S. (1991). Frequency of Sister Chromatid Exchange in Peripheral Lymphocytes of Male Pesticide Applicators. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 18, no. 2, pp. 136-138. 1991.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Russom, C. L., Bradbury, S. P., Broderius, S. J. , Hammermeister, D. E., and Drummond, R. A. (1997). Predicting Modes of Toxic Action From Chemical Structure: Acute Toxicity in the Fathead Minnow (Pimephales Promelas). *Environmental toxicology and chemistry* 16: 948-967.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Sabdon, A., Kang, S., Hur, H. G., Grossart, H. P., Simon, M., and Radjasa, O. K. (2007). Organophosphate Pesticide Concentrations in Coral Tissues of Indonesian Coastal Waters. *Pakistan Journal of Biological Sciences [Pakistan J. Biol. Sci.]*. Vol. 10, no. 11, pp. 1926-1929. 1 Jun 2007.
Chem Codes: Chemical of Concern: MLN Code: SURVEY,NO SPECIES(DEAD).
- Sabik, H., Fouquet, A., and Proulx, S. (1997). Ultratrace Determination of Organophosphorus and Organonitrogen Pesticides in Surface Water. *Analisis* 25: 267-273.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sabin Lisa D, Schiff Kenneth C, Lim Jeong Hee, and Stolzenbach KeithD. (2005). Atmospheric Concentrations of Pah, Pesticides, and Other Semi-Volatile Organic Compounds in the Los Angeles Coastal Region.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Saccone, S. F., Hinrichs, A. L., Saccone, N. L., Chase, G. A., Konvicka, K., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O., Swan, G. E., Goate, A. M., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Martin, N. G., Montgomery, G. W., Wang, J. C., Ballinger, D. G., Rice, J. P., and Bierut, L. J. (Cholinergic Nicotinic Receptor Genes Implicated in a Nicotine Dependence Association Study Targeting 348 Candidate Genes With 3713 Snps. *Hum mol genet.* 2007, jan 1; 16(1):36-49. [Human molecular genetics]: *Hum Mol Genet.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Sadler, G., Pierce, D., Lawson, A., Suvannunt, D., and Senthil, V. (1996). Evaluating Organic Compound Migration in Poly(Ethylene Terephthalate): a Simple Test With Implications for Polymer Recycling. *Food additives and contaminants* 13: 979-989.

Chem Codes : Chemical of Concern: MLN Code: NO TOX DATA.

Saenz Barrio C, Sanz Asensio J, Plaza Medina M, Perez Clavijo M, and Galban Bernal J (1995). Evaluation of the Decay of Malathion, Dichlofluanid and Fenitrothion Pesticides in Apple Samples, Using Gas Chromatography. *Food chemistry* 52: 305-309.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Saito, H., Iwami, S., and Shigeoka, T. (1991). In Vitro Cytotoxicity of 45 Pesticides to Goldfish Gf-Scale (Gfs) Cells. *Chemosphere* 23: 525-538.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Saka, M., Iijima, K., Odanaka, Y., and Kato, Y. (1998). Supercritical Fluid Extraction of Pesticides in Fruits and Vegetables: Application of New Polymer Absorbent. *Journal of pesticide science* 23: 414-418.

Chem Codes : Chemical of Concern: MLN Code: SURVEY.

Sakata K. and Miyata T. (1994). Biochemical Characterization of Carboxylesterase in the Small Brown Planthopper Laodelphax Striatellus (Fallen). *Pesticide Biochemistry and Physiology* 50: 247-256.

Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Salanki, J. and Van Bay, T. (1975). Sensory Input Characteristics at the Chemical Stimulation of the Lip in the Snail Helix Pomatia L. *Ann.Inst.Biol.(Tihany) Hung.Acad.Sci.* 42: 115-28.

Chem Codes: Chemical of Concern: DZM,MLN Code: IN VITRO.

Saleem, M. A., Shakoori, A. R., Falkous, G., Wilkins, R. M., Mantle, D., Ahmad, M., and Shakoori, A. R. (eds) (1994). In Vitro Effects of Insecticides on Proteolytic Enzyme Activities in Insecticide-Resistant and Susceptible Strains of Musca Domestica.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Saleh, M. A. (1991). Computer-Assisted Molecular Prediction of Metabolism and Environmental Fate of Agrochemicals. *Somasundaram, I. And J. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 148-160.

Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.

Saleh, M. S., Kelada, N. L., and Abdeen, M. I. (1990). Factors Affecting Efficacy of Bacillus Thuringiensis H-14 Against Mosquito Larvae With Special Reference to the Joint Action of the Pathogen With Three Chemical Insecticides. *Anz schaedlingskd pflanzenschutz umweltschutz* 63: 10-13.

Chem Codes: Chemical of Concern: MLN Code : BIOLOGICAL TOXICANT.

Sales, K. M., Doyle, K. M., Kingston, S. T., Atterwill, C. K., and Purcell, W. M. (1998). The Use of Hen Embryo Brains Spheroids to Investigate the Delayed Toxicity of the Organophosphates. *Proceedings of the british toxicology society annual congress, guilford, england, uk, april 19-22, 1998. Human & experimental toxicology* 17: 515.

Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.

Salo, J. E., Harrison, D., and Archibald, E. M. (1986). Removing Contaminants by Groundwater Recharge Basins. *Am water works assoc j* 78: 76-86.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Samimi, A. and Last, J. A. (Inhibition of Lysyl Hydroxylase by Malathion and Malaoxon. *Toxicol appl pharmacol.* 2001, may 1; 172(3):203-9. [Toxicology and applied pharmacology]: *Toxicol Appl Pharmacol.*

- Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Samimi, A. and Last, J. A. (2001). Mechanism of Inhibition of Lysyl Hydroxylase Activity by the Organophosphates Malathion and Malaoxon. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 176, no. 3, pp. 181-186. 1 Nov 2001.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Sample, B. E. and Arenal, C. A. (1999). Allometric Models for Interspecies Extrapolation of Wildlife Toxicity Data. *Bulletin of environmental contamination and toxicology* 62: 653-663 .
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Sams, C. and Mason, H. J. (Detoxification of Organophosphates by a-Esterases in Human Serum. *Hum exp toxicol*. 1999, nov; 18(11):653-8. [Human & experimental toxicology]: *Hum Exp Toxicol*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Samsonov, Y. N., Makarov, V. N., and Koutsenogii, K. P. (1998). Physicochemical Model and Kinetics of Pesticide Constituent Evaporation Out of Multi-Ingredient Polydisperse Aerosols. *Pesticide science* 52: 292-302.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Samuel, A. (Effect of Malathion on Selected Insect and Mammalian Tissue Cultures. *Diss. Abstr. Int. (Part; 1)* 32(12): 7093; 1972.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Sanchez-Bayo, F. (2006). Comparative Acute Toxicity of Organic Pollutants and Reference Values for Crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environ.Pollut*. 139: 385-420.
Chem Codes: Chemical of Concern: CBL,MTPN,PSM,PRN,MLN,DZ,BPH,TBF,PPG Code: REVIEW.
- Sanchez, Paloma, Kubitz, Johanna, Peter Dohmen, G., and Tarazona, Jose V. (2006). Aquatic Risk Assessment of the New Rice Herbicide Profoxydim. *Environmental Pollution* 142: 181-189.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Sandbacka, M., Part, P., and Isomaa, B. (1999). Gill Epithelial Cells as Tools for Toxicity Screening Comparison Between Primary Cultures, Cells in Suspension and Epithelia on Filters. *Aquatic toxicology (amsterdam)* 46: 23-32.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sanghi, R., Pillai, M. K. K., Jayalekshmi, T. R. , and Nair, A. (2003). Organochlorine and Organophosphorus Pesticide Residues in Breast Milk From Bhopal, Madhya Pradesh, India. *Human & Experimental Toxicology [Hum. Exp. Toxicol.]*. Vol. 22, no. 2, pp. 73-76. Feb 2003.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sangwan, A. K., Chhabra, M. B., and Samantaray, S. (1988). Comparative Efficacy of Some Pesticides Against Hyalomma-Anatolicum-Anatolicum Ticks in-Vitro. *Indian vet j* 65: 1084-1087.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sankararamakrishnan, Nalini, Kumar Sharma, Ajit, and Sanghi, Rashmi (2005). Organochlorine and Organophosphorous Pesticide Residues in Ground Water and Surface Waters of Kanpur, Uttar Pradesh, India. *Environment International* 31: 113-120.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sannino, A., Mambriani, P., Bandini, M., and Bolzoni, L. (1995). Multiresidue Method for Determination of Organophosphorus Insecticide Residues in Fatty Processed Foods by Gel Permeation Chromatography. *Journal of aoac international* 78: 1502-1515.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Santodonato, J., Bosch, S., Meylan, W., Becker, J., and Neal, M. (Monograph on Human Exposure to Chemicals in the Workplace: Malathion. *Center for chemical hazard assessment, syracuse research corporation, syracuse, new york, report no. Src-tr-84-1049, 35 pages, 59 references, 1985*1985.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Sapozhnikova, Yelena, Bawardi, Ola, and Schlenk, Daniel (2004). Pesticides and Pcb's in Sediments and Fish From the Salton Sea, California, Usa. *Chemosphere* 55: 797-809.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Saqib, T. A., Naqvi, S. N. H., Siddiqui, P. A., and Azmi, M. A. (2005). Detection of Pesticide Residues in Muscles, Liver and Fat of 3 Species of Labeo Found in Kalri and Haleji Lakes. *Journal of Environmental Biology [J. Environ. Biol.]*. Vol. 26, no. 2, suppl., pp. 433-438. Jun 2005.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Sasaki, K., Matsuda, R., and Saito, Y. (1995). Disappearance of Pesticides Applied to Harvested Corn During Storage and Processing to Starch. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 36, no. 1, pp. 89-92. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Sasaki, K., Sekita, H., Takeda, M., and Saitoh, Y. (1985). Studies on the Analysis of Pesticide Residues in Foods (Xliii). Organochlorine and Organophosphorus Pesticide Residues in Unpolished Rice Grain Imported From South Korea. *Bulletin of the National Institute of Hygienic Sciences Tok [BULL. NATL. INST. HYG. SCI., TOKYO.]*. no. 103, pp. 133-136. 1985.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Sasaki, K., Suzuki, T., and Saito, Y. (1987). Simplified Cleanup and Gas Chromatographic Determination of Organophosphorus Pesticides in Crops. *J assoc off anal chem* 70: 460-464.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sass, B. M., Smith, L. A., Huang, W. Mc, Rosansky, S. H., and Drescher, E. (Volatilization Modeling of Semivolatile Organic Compounds During Solidification Processes. *Gilliam, t. M. And c. C. Wiles (ed.). Astm stp, 1240. Stabilization and solidification of hazardous, radioactive, and mixed wastes; symposium, williamsburg, virginia, usa, november 1-5, 1993. Xii+731p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Isbn 0-8031-2020-0.; 0 (1240). 1996. 648-664.*
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Satoh, T. (1987). Role of Carboxylesterases in Xenobiotic Metabolism. *Hodgson, e., J. R. Bend and r. M. Philpot (ed.). Reviews in biochemical toxicology, 8. Xvi+296p. Elsevier science publishing co., Inc.: New york, new york, usa Elsevier science publishers b. V.: Amsterdam, netherlands. Illus. Isbn 0-444-01169-2.; 0: 155-182.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Satpathy, G. and Behera, N. (1993). Effect of Malathion on Cellulase, Protease, Urease and Phosphatase Activities From a Tropical Grassland Soil of Orissa, India. *Journal of environmental biology* 14: 301-310.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Sattar, M. A. (1992). Gas Chromatography of Organophosphorus Pesticides in Soils by Internal Standard Method. *Pak j sci ind res* 35: 442-444.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Saul, S., Zomer, E., and Charm, S. E. (1993). Charm Pesticide Test Rapid Screening Method for the Detection of Organophosphate and Carbamate Pesticides for Water Dairy Products Fruits Vegetables and Other Food Products. *80th annual meeting of the iamfes (international association of milk, food, and environmental sanitarians), atlanta, georgia, usa, august 1-4, 1993. Journal of food protection* 56: 898.
Chem Codes: Chemical of Concern: MLN Code: FOOD.

- Saul, S. J., Zomer, E., Puolpolo, D., and Charm, S. E. (1996). Use of a New Rapid Bioluminescence Method for Screening Organophosphate and N-Methylcarbamate Insecticides in Processed Baby Foods. *Journal of food protection* 59: 306-311.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Savage, E. P. Jr, Bagby, J., Mounce, L. Jr, Williams, J., Cholas, P. H. Jr, and Cholas, G. Jr (Pesticide Poisonings in Rural Colorado. *Rocky mt. Med. J.*; 63(4): 29-33 1971; (ref:8) .
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Sawyer, T. W., Weiss, M. T., and Dickinson, T. (1996). Effect of Metabolism on the Anticholinesterase Activity of Carbamate and Organophosphate Insecticides in Neuron Culture. *In vitro toxicology* 9: 343-352.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Saxena, P. K., Singh, V. P., Kondal, J. K., and Soni, G. L. (1988). Effect of Malathion and Carbaryl on in-Vitro Lipid and Protein Synthesis by Liver of the Freshwater Teleost Channa-Punctatus B1. *Indian j exp biol* 26: 700-702.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Saxena, R. C., Srivastava, R. P., Singh, R., and Srivastava, A. K. (1990). Studies on Residues of Insecticides in/on Locally Marketed Fruits and Vegetables. *Indian j entomol* 52: 258-264.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Saxena, S. C. and Shanmugavel, S. (1985). On Persistence of Pesticides on Spinach. *Indian biol* 17: 1-3.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Saxton, W. L. (1987). Emergence Temperature Indices and Relative Retention Times of Pesticides and Industrial Chemicals Determined by Linear Programmed Temperature Gas Chromatography. *J chromatogr* 393: 175-194.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Schaefers, G. A. (1994). The Changing Role of Pesticides in Pest Management. *Insect science and its application* 15: 583-598.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Schaefers, G. A. (1991). Lygus Bugs. *Ellis, m. A., Et al. (Ed.). Disease compendium series: compendium of raspberry and blackberry diseases and insects. Vi+100p. Aps (american phytological society) press: st. Paul, minnesota, usa. Illus. Paper. Isbn 0-89054-121-3. 0: 66-67.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Schaeffer, A. (1993). Pesticide Effects on Enzyme Activities in the Soil Ecosystem. *Bollag, j.-M. And g. Stotzky (ed.). Soil biochemistry, vol. 8. Xi+418p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Isbn 0-8247-9044-8.; 0: 273-340.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Schanker, H. M., Rachelefsky, G., Siegel, S., Katz, R., Spector, S., Rohr, A., Rodriquiz, C., Woloshin, K., and Papanek, P. J Jr (1992). Immediate and Delayed Type Hypersensitivity to Malathion. *Ann allergy* 69: 526-528.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schattenberg, H. J Iii, Geno, P. W., Hsu, J. P., Fry, W. G., and Parker, R. P. (1996). Effect of Household Preparation on Levels of Pesticide Residues in Produce. *Journal of aoac international* 79: 1447-1453.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schattenberg, H. J Iii and Hsu, J. P. (1992). Pesticide Residue Survey of Produce From 1989 to 1991. *J aoac (assoc off anal chem) int* 75: 925-933.

- Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Scheifele, D. W., Hunter, M. I., Bortolussi, R. A., Gold, R., Macdonald, N. Ne, Mills, E. L., and Rola-Pleszczynski, M. (1985). Pediculosis Capitis Head Lice. *Can med assoc j* 133: 741-742.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schenck, F. J. and Wagner, R. (1995). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Milk Using Matrix Solid Phase Dispersion (Mspd) Extraction and Gas Chromatographic Determination. *Food additives and contaminants* 12: 535-541 .
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Schenck, F. J., Wagner, R., Hennessy, M. K., and Okrasinski, J. L Jr (1994). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Eggs Using a Solid-Phase Extraction Cleanup and Gas Chromatographic Detection. *Journal of aoac international* 77: 1036-1040.
Chem Codes: Chemical of Concern: MLN Code: SURVEY, NO SPECIES (DEAD).
- Schilter, B., Renwick, A. G., and Huggett, A. C. (1996). Limits for Pesticide Residues in Infant Foods: a Safety Based Proposal. *Regulatory toxicology and pharmacology* 24: 126-140.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schlenk, D., Sapozhnikova, Y., Baquirian, J. P., and Mason, A. (2002). Predicting Chemical Contaminants in Freshwater Sediments Through the Use of Historical Biochemical Endpoints in Resident Fish Species. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 21, no. 10, pp. 2138-2145. Oct 2002.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Schmid, R. D., Gebbert, A., Kindervater, R., and Kraemer, P. (1991). Biosensors for Analysis of Pesticides in Water. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 15-20.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Schmidt, A. C., Romme, R. C., Brack, V., and Tyrell, K. (1999). Bioaccumulation of Pesticides in Bats Collected From Missouri. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 92.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT,SURVEY.
- Schmitt, P., Garrison, A. W., Freitag, D., and Kettrup, A. (1997). Application of Cyclodextrin-Modified Micellar Electrokinetic Chromatography to the Separations of Selected Neutral Pesticides and Their Enantiomers. *Journal of chromatography a* 792: 419-429.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Schomburg, C. J., Glotfelty, D. E., and Seiber, J. N. (1989). Pesticide Concentrations in Coastal Fog Collected Near Monterey California Usa. *198th acs (american chemical society) national meeting, miami beach, florida, usa, september 10-15, 1989. Abstr pap am chem soc* 198: Agro 96.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Scott, D., Galloway, S. M., Marshall, R. R., Ishidate, M. Jr, Brusick, D., Ashby, J., and Myhr, B. C. (1991). Genotoxicity Under Extreme Culture Conditions a Report From Icpemc Task Group 9. *Mutat res* 257: 147-205.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Scott, S. P., Keeling, R. L., James, H., Waggott, A., and Whittle, P. (1988). The Use of Low Cost Mass Spectrometers for the Analysis of Organic Micropollutants in Water. *Angeletti, g. And a. Bjorseth (ed.). Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer

academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 2-13.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Scrimshaw, M. D. and Lester, J. N. (1996). The Occurrence and Effects of Organic Micropollutants in Salt Marsh Sediments With Reference to the Uk Essex Coast: a Review. *Environmental technology* 17: 951-964.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Seawright, J. A., Birky, B. K., and Smittle, B. J. (1986). Use of a Genetic Technique for Separating the Sexes of the Stable Fly *Stomoxys-Calciatrans* Diptera Muscidae. *Jecon entomol* 79: 1413-1417.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Foetal Rat Brain. *Toxicology in Vitro* 3: 111-122.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Fetal Rat Brain. *Toxicol in vitro* 3: 111-122.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Segal, L. M. and Fedoroff, S. (1989). Cholinesterase Inhibition by Organophosphorus and Carbamate Pesticides in Aggregate Cultures on Neural Cells From the Foetal Rat Brain: the Effects of Metabolic Activation and Pesticide Mixtures. *Toxicology In Vitro [TOXICOL. IN VITRO.]*. Vol. 3, no. 2, pp. 123-128. 1989.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Segawa, R. T., Sitts, J. A., White, J. H., Marade, S. J., Powell, S. J., and California Dep. of Food and Agriculture, Sacramento CA (USA) (1991). Environmental Monitoring of Malathion Aerial Applications Used to Eradicate Mediterranean Fruit Flies in Southern California, 1990.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Seibert, H., Morchel, S., and Gulden, M. (2002). Factors Influencing Nominal Effective Concentrations of Chemical Compounds in Vitro: Medium Protein Concentration. *Toxicology in Vitro* 16: 289-297.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Senesi, N. and Chen, Y. (1989). Interactions of Toxic Organic Chemicals With Humic Substances. *Gerstl, z., Et al. (Ed.). Ecological studies, vol. 73. Toxic organic chemicals in porous media* Second international workshop on behavior of pollutants in porous media, bet dagan, israel, june 1987. Xiv+343p. Springer-verlag: berlin, west germany; new york, new york, usa. Illus. Isbn 3-540-50799-x; isbn 0-387-50799-x.; 0: 37-90.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Seth, V., Banerjee, B. D. *, Bhattacharya, A., Pasha, S. T., and Chakravorty, A. K. (2001). Pesticide Induced Alterations in Acetylcholine Esterase and Gamma Glutamyl Transpeptidase Activities and Glutathione Level in Lymphocytes of Human Poisoning Cases. *Clinical Biochemistry [Clin. Biochem.]*. Vol. 34, no. 5, pp. 427-429. Jul 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH, SURVEY.

Shah, A. H. and Guthrie, F. E. (1970). Penetration of Insecticides Through the Isolated Midgut of Insects and Mammals. *Comparative and General Pharmacology* 1: 391-399.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Shah, A. H. and Guthrie, F. E. (Role of Polarity of Insecticides in Penetration Through the Isolated Midgut of Insects and Mammals. *Indian j agric chem; 18 (1). 1985 (recd. 1986). 153-156.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Shah, A. H. Jr and Guthrie, F. E. Jr (In Vitro Metabolism of Insecticides During Midgut Penetration. *Pestic. Biochem. Physiol.*; 1(1): 1-10 1971; (ref:46).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Shah, P. V. and Guthrie, F. E. (1973). Penetration of Insecticides Through Isolated Sections of the Mouse Digestive System: Effects of Age and Region of Intestine. *Toxicology and Applied Pharmacology* 25: 621-624.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Shankaraiah, K. and Sitamahalakshmi, N. (1986). Dependent Metabolic Responses of Fish, Channa Punctatus During Malathion Toxicity. *Fed.Proc.* 45: 916.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Shankaraiah, K. and Sitamahalakshmi, N. (1986). Size Dependent Metabolic Responses of Fish Channa-Punctatus During Malathion Toxicity. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 916.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Shanks, C. H Jr, Antonelli, A. L., and Congdon, B. D. (1992). Effect of Pesticides on Twospotted Spider Mite (Acari: Tetranychidae) Populations on Red Raspberries in Western Washington. *Agric ecosyst environ* 38: 159-165.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Shaonan, L., Xianchuan, X., Guonian, Z., and Yajun, T. (2004). Kinetic Characters and Resistance to Inhibition of Crude and Purified Brain Acetylcholinesterase of Three Freshwater Fishes by Organophosphates. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 68, no. 4, pp. 293-299. 14 Jul 2004.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sharma, C. B Sr and Panneerselvam, N. (1990). Genetic Toxicology of Pesticides in Higher Plant Systems. *Crit rev plant sci* 9: 409-442.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1983). A New Specific Spot Test for the Detection of Malathion in Water. *Water Research* 17: 471-473.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1987). Studies on Removal of Malathion From Water by Means of Activated Charcoal. *Ecotoxicology and Environmental Safety* 14: 22-29.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1985). Effect of Different Saline, Alkaline Salts, Fertilizers, and Surfactants on the Movement of Some Phosphorus-Containing Pesticides in Soils. *Ecotoxicology and Environmental Safety* 10: 339-350.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1986). Effect of Different Salt Leachates on the Movement of Some Phosphorus Containing Pesticides in Soils Using Thin-Layer Chromatography. *Ecotoxicol environ saf* 11: 229-240.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Sharma, V. K., Jadhav, R. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1990). High Performance Liquid Chromatographic Method for the Analysis of Organophosphorus and Carbamate Pesticides. *Forensic Science International* 48: 21-25.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sharma, V. K. and Kaur, S. (1990). Contact Sensitization by Pesticides in Farmers. *Contact dermatitis* 23: 77-80.

- Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Shaver, T. N. and Wolfenbarger, D. A. (An Infrared Spectrophotometric Technique for Determining Residues of Several Organo-Phosphorus Insecticides From Cotton Foliage. *J. Econ. Entomol.*; 66(2): 332-336; 1973 ; (ref:11).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Shen, B. and Shen, Q. (1991). Pesticide Pollution. *J environ sci (china)* 3: 31-48.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Shen, S. K. and Dowd, P. F. (1991). Detoxification Spectrum of the Cigarette Beetle Symbiont Symbiotaphrina Kochii in Culture. *Entomologia Experimentalis et Applicata [ENTOMOL. EXP. APPL.]*. Vol. 60, no. 1, pp. 51-59. 1991.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Shen, S. K. and Dowd, P. F. (1989). Xenobiotic Induction of Esterases in Cultures of the Yeast-Like Symbiont From the Cigarette Beetle. *Entomol exp appl* 52: 179-184.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Sherma, J. (1991). Pesticides. *Anal chem* 63: 118r-130r.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sherma, J. (1999). Recent Advances in Thin-Layer Chromatography of Pesticides. *Journal of aoac international* 82: 48-54.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Sherma, J. and Bretschneider, W. (1990). Determination of Organophosphorus Insecticides in Water by C-18 Solid Phase Extraction and Quantitative Tlc. *J liq chromatogr* 13: 1983-1990.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sherry, J. P., Carron, J., Leger, D., Kohli, J., and Wilkinson, R. (1993). An Msd-Based Method for the Detection of Chlorinated Dibenzo-P-Dioxins and Chlorinated Dibenzofurans in Fish. *Chemosphere* 27: 651-664.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Shiau, S. Y., Huff, R. A., Wells, B. C., and Felkner, I. C. (1980). Mutagenicity and Dna-Damaging Activity for Several Pesticides Tested With Bacillus Subtilis Mutants. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 71: 169-179.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Shibuya, S. (1994). Lowered Susceptibility to Some Carbamates and Malathion in the Green Rice Leafhopper, Nephrotettix Cincticeps Uhler, Caused by Systemic Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 38, no. 2, pp. 121-124. 1994.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shim, J. C., Hong, H. K., and Lee, D. K. (1995). Susceptibilities of Culex tritaeniorhynchus Larvae (Culicidae, Diptera) to Insecticides. *Korean J. Entomol.* 25: 13-20 (JPN) (ENG ABS).
Chem Codes: EcoReference No.: 100506
Chemical of Concern: TMP,CBF,PMR,FNT,CYH,CYP,DM,FNTH,CPY,DZ,Naled,PIRM,MLN Code: NON-ENGLISH.
- Shim Jea-Chul, Hong Han-Kee, Koo Sung-Hoi, and Lee Dong-Kyu (1995). Susceptibilities of Anopheles Sinensis Larvae (Culicidae, Diptera) to Various Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 69-76. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

- Shim Jea-Chul, Hong Han-Kee, and Lee Dong-Kyu (1995). Susceptibilities of *Culex Tritaeniorhynchus* Larvae (Culicidae, Diptera) to Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 13-20. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shimada, E., Yoshida, M., Yamanaka, S., Aoyama, H., and Yamamura, Y. (1986). Erythrocyte and Plasma Cholinesterase Activities on Poisoning of Disyston, Fenitrothion and Malathion. *Japanese Journal of Industrial Health [JAP. J. IND. HEALTH.]*. Vol. 28, no. 5, pp. 368-369. 1986.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shirai, T. (1997). A Medium-Term Rat Liver Bioassay as a Rapid in Vitro Test for Carcinogenic Potential: a Historical Review of Model Development and Summary of Results From 291 Tests. *Toxicologic pathology* 25: 453-460.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Showler, A. T. and Potter, C. S. (1991). Synopsis of the 1986-1989 Desert Locust (Orthoptera: Acrididae) Plague and the Concept of Strategic Control. *Am entomol* 37: 106-110.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Sicbaldi, F., Sarra, A., and Copeta, G. L. (1997). Diatomaceous Earth-Assisted Extraction for the Multiresidue Determination of Pesticides. *Journal of chromatography a* 765: 23-30.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sikkema, J., De Bont J Am, and Poolman, B. (1995). Mechanisms of Membrane Toxicity of Hydrocarbons. *Microbiological reviews* 59: 201-222.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Simic, B., Bogojevic, D., Trikić, S., and Kniewald, J. (1992). Testosterone Metabolism and Formation of Cytosol 5alpha-Dihydrotestosterone-Receptor Complex in the Rat Prostate in Vitro: Effects of Lindane and Malathion. *Toxicol in vitro* 6: 267-271.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Simonian, A. L., Rainina, E. I., and Wild, J. R. (1997). A New Approach for Discriminative Detection of Organophosphate Neurotoxins in the Presence of Other Cholinesterase Inhibitors. *Analytical letters* 30: 2453-2468.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Simonsen, L. and Lund, S. P. (1992). A Strategy for Delineating Risks Due to Exposure to Neurotoxic Chemicals. *Am j ind med* 21: 773-792.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Singh, A. K. and Seth, P. K. (1989). Degradation of Malathion by Microorganisms Isolated From Industrial Effluents. *Bull environ contam toxicol* 43: 28-35.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, FATE.
- Singh, A. K., Srikanth, N. S., Malhotra, O. P., and Seth, P. K. *. (1989). Characterization of Carboxylesterase From Malathion Degrading Bacterium: *Pseudomonas* Sp. M-3. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 42, no. 6, pp. 860-867. 1989.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Singh, S. (Plant Protection in India. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci*; 52 (1). 1986. 1-9. Ab - biosis copyright: biol abs. Rrm insect pests plant diseases pesticides.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Singh, S. N. and Khan, A. A. (1995). Storability of Dolichos Seeds as Influenced by Pesticidal Seed Treatment and Storage Conditions. *Global conference on advances in research on plant diseases and their management, udaipur, india, february 12-17, 1995. Indian journal of mycology and plant pathology* 25: 136-137.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Sinha, N., Lal, B., Singh, T. P., Stegeman, J. J., Moore, M. N., and Hahn, M. E. (eds) (1993). Effect of Pesticides on Extrathyroidal Conversion of T Sub(4) to T Sub(3) in the Freshwater Catfish Clarias Batrachus). *Marine environmental research. Int. Symp. on Responses of Marine Organisms to Pollutants, Woods Hole, MA (USA), 24 Apr 1992; Fish Endocrinol. Lab., Cent. Adv. Stud. Zool., Banaras Hindu Univ., Varanasi--221 005, India; ISSN 0141-1136* 35: 226-227 .
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Sippola, E., David, F., and Sandra, P. (1995). Comparison of Polydimethyl Siloxane Stationary Phases With 5 Percent and 50 Percent Phenyl Substitution for the Separation of Organophosphorus and Organonitrogen Pesticides Under Optimized Gas Chromatographic Conditions. *Hrc journal of high resolution chromatography* 18: 111-116.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Skerritt, J. H. and Lee, N. (1996). Approaches to the Synthesis of Haptens for Immunoassay of Organophosphate and Synthetic Pyrethroid Insecticides. *Beier, r. C. And I. H. Stanker (ed.). Acs symposium series, 621. Immunoassays for residue analysis: food safety Symposium at the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. Xiv+528p. American chemical society: washington, dc, usa. Isbn 0-8412-3379-9.; 621: 124-149.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Slobodnik, J., Louter, A. Jh, Vreuls, J. J., Liska, I., and Brinkman, U. At (1997). Monitoring of Organic Micropollutants in Surface Water by Automated on-Line Trace-Enrichment Liquid and Gas Chromatographic Systems With Ultraviolet Diode-Array and Mass Spectrometric Detection. *Journal of chromatography a* 768: 239-258.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Smital, T., Luckenbach, T., Sauerborn, R., Hamdoun, A. M., Vega, R. L., and Epel, D. (2004). Emerging Contaminants - Pesticides, Ppcps, Microbial Degradation Products and Natural Substances as Inhibitors of Multixenobiotic Defense in Aquatic Organisms. *Mutat.Res.* 552: 101-117.
Chem Codes: Chemical of Concern: FXC,24DXY,ES,DZ,DDVP,MLN,MOM Code: REVIEW.
- Smith, Cn, Parrish, R. S., and Carsel, R. F. (1987). Estimating Sample Requirements for Field Evaluations of Pesticide Leaching . *Environ toxicol chem* 6: 343-358.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Smith, J. S. (1995). Pesticides -duplicate. *Jeon, i. J. And w. G. Ikins (ed.). Food science and technology (new york), 65. Analyzing food for nutrition labeling and hazardous contaminants. Ix+496p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Isbn 0-8247-9349-8.; 65: 333-361.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Snawder, J. E. and Chambers, J. E. (Toxic and Developmental Effects of Organophosphorus Insecticides in Xenopus Embryos. *Abstr pap am chem soc 1990;199(1-2):agro 160: Abstr Pap Am Chem Soc.*
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Sng, M. T., Lee, F. K., and Lakso, H. A. (1997). Solid-Phase Microextraction of Organophosphorus Pesticides From Water. *Journal of chromatography a* 759: 225-230.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Snow, K. R. (1987). Control of Mosquito Nuisance in Britain. *J.Am.Mosq.Control Assoc.* 3: 271-275.
Chem Codes: Chemical of Concern: MLN,DDT,PIRM,HCCH,DZ,TMT,SMT,BDC,CPYM,PMR Code:

REFS CHECKED/REVIEW.

- Soderlund, David M., Abdel-Aal, Yehia A. I., and Helmuth, Donald W. (1982). Selective Inhibition of Separate Esterases in Rat and Mouse Liver Microsomes Hydrolyzing Malathion, Trans-Permethrin, and Cis-Permethrin. *Pesticide Biochemistry and Physiology* 17: 162-169.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sojo, L. E., Brocke, A., Fillion, J., and Price, S. M. (1997). Application of Activated Carbon Membranes for on-Line Cleanup of Vegetable and Fruit Extracts in the Determination of Pesticide Multiresidues by Gas Chromatography With Mass Selective Detection. *Journal of chromatography a* 788: 141-154.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Soler-Niedziela, L. and Porter, J. (1996). Cytogenetic Evaluation of Two Common Household Pesticides in the Mouse Bone Marrow Assay. *27th annual scientific meeting of the environmental mutagen society, victoria, british columbia, canada, march 23-28, 1996. Environmental and molecular mutagenesis* 27: 63.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- South, D. B. and Zwolinski, J. B. (1996). Chemicals Used in Southern Forest Nurseries. *Southern journal of applied forestry* 20: 127-135.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Souza da Silva, Rosane, Cognato, Giana de Paula, Vuaden, Fernanda Cenci, Rezende, Maria Fernanda S., Thiesen, Flavia Valladao, Fauth, Maria da Graca, Bogo, Mauricio Reis, Bonan, Carla Denise, and Dias, Renato Dutra (2003). Different Sensitivity of Ca²⁺-Atpase and Cholinesterase to Pure and Commercial Pesticides in Nervous Ganglia of *Phyllocaulis Soleiformis* (Mollusca). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 135: 215-220.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Spackman, M. E., Oakeshott, J. G., Smyth, K. A., Medveczky, K. M., and Russell, R. J. (1994). A Cluster of Esterase Genes on Chromosome 3r of *Drosophila Melanogaster* Includes Homologues of Esterase Genes Conferring Insecticide Resistance in *Lucilia Cuprina*. *Biochemical genetics* 32: 39-62.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Specht, W., Pelz, S., and Gilsbach, W. (1995). Gas-Chromatographic Determination of Pesticide Residues After Clean-up by Gel-Permeation Chromatography and Mini-Silica Gel-Column Chromatography 6. Communication Replacement of Dichloromethane by Ethyl Acetate-Cyclohexane in Liquid-Liquid Partition and Simplified Conditions for Extraction and Liquid-Liquid Partition. *Fresenius' journal of analytical chemistry* 353: 183-190.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Spooner, J., Wyatt, L., Brichford, S. L., Lanier, A. L., Coffey, S. W., and Smolen, M. D. (1990). Nonpoint Sources. *Res j water pollut control fed* 62: 537-546.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Srikanth, Nadadur S. and Chandrasekharam, V. (1989). Linear Regression Analysis for Enzyme Kinetic Studies in Toxicant Interactions. *Journal of Theoretical Biology* 138: 467-478.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Srivastava, A. K., Gupta, B. N., Mathur, A. K., Mathur, N., Mahendra, P. N., and Bharti, R. S. (1991). The Clinical and Biochemical Study of Pesticide Sprayers. *Hum exp toxicol* 10: 279-284.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Srivastava, M., Asthana, A., Singh, A., and De, S. K. (1988). Effects of Antibiotics and Pesticides on Carbon-Nitrogen Ratio and Beta Humus and Azotobacter Population of Alluvial Soils. *Indian j agric chem* 21: 131-137.

- Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Srivastava, M. K. and Nath, G. (1990). Removal of Malathion From Treated Cauliflowers (Brassica Oleracea Var. Botrytis) by Home Processings. *Indian j entomol* 52: 290-299.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES (DEAD).
- Stamer, J. K. and Wieczorek, M. E. (1996). Pesticide Distribution in Surface Water. *American water works association journal* 88: 79-87.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Stan, H. J. and Heil, S. (1991). Two-Dimensional Capillary Gas Chromatography With Three Selective Detectors as a Valuable Tool in Residue Analysis: State-of-the-Art. *Fresenius' j anal chem* 339: 34-39.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Stan, H. J. and Kellner, G. (1989). Confirmation of Organophosphorus Pesticide Residues in Food Applying Gas Chromatography-Mass Spectrometry With Chemical Ionization and Pulsed Positive Negative Detection. *Biomed environ mass spectrom* 18: 645-651.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Stan, H. J. and Mueller, H. M. (1988). Evaluation of Automated and Manual Hot-Splitless Cold-Splitless Ptv and on-Column Injection Technique Using Capillary Gas Chromatography for the Analysis of Organophosphorus Pesticides. *8th international symposium on capillary chromatography, riva del garda, italy, may 19-21, 1987. J high resolut chromatogr chromatogr commun* 11: 140-143.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Stark, J. D. and Sherman, M. (1986). Toxicity and Metabolism of Acephate in Hawaiian Fruit Fly Species. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Stein, W. and Gorham, J. R. (1997). New Results About Stored-Product Protection (Animal Pests): Viii. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 104: 296-313.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Steinwandter, H. (1988). Contributions to the Application of Gel Chromatography in Residue Analysis Ii. A New Gel Chromatographic System Using Acetone for the Separation of Pesticide Residues and Industrial Chemicals. *Fresenius z anal chem* 331: 499-502.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Stevens, J. T., Greene, F. E., Stitzel, R. E., and Mcphillips, J. J. (Effects of Anticholinesterase Insecticides on Mouse and Rat Liver Microsomal Mixed Function Oxidases. *Pesticides and the environment: a continuing controversy, vol. 2, pages 489-501, 23 references, 1973/1973.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Stevens, J. T., Oberholser, K. M., Soliman, M. R. I., Brown, T. R., and Greene, F. E. (1980). Inhibition of p-Aminophenol Metabolism: A Possible Mechanism of Enhancement of Aniline Hydroxylation. *Pharmacology* 21: 153-160.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Stevens, J. T., Zemaitis, M. A., and Greene, F. E. (1974). Alteration of the Binding Constants of Malathion and Carbaryl to Cytochrome P-450 Due to Hydrolysis by Rat Hepatic Microsomal Esterases. *Chemico-Biological Interactions* 8: 415-420.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Stevens, James Thomas (1974). The Role of Binding in Inhibition of Hepatic Microsomal Metabolism by Parathion

- and Malathion. *Life Sciences* 14: 2215-2229.
Chem Codes : Chemical of Concern: MLN Code: IN VITRO.
- Stijve, T. Jr and Cardinale, E. Jr (Esterase Inhibition Technique for the Detection of Organophosphorus Pesticides on Thin-Layer Chromatograms. *Mitt. Geb. Lebensmittelunters. Hyg.*; 62(1): 25-31 1971; (ref:11).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Stimmann, M. W. and Ferguson, M. P. (1990). Progress Report Vice President's Task Force on Pest Control Alternatives Potential Pesticide Use Cancellations in California Usa. *Calif agric* 44: 12-16.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Storey, C. L., Sauer, D. B., Quinlan, J. K., and Ecker, O. (1982). Incidence, Concentration and Effectiveness of Malathion Residues in Wheat and Maize (Corn) Exported From the United States. *Journal of Stored Products Research* 18: 147-151.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Story, W. C., Olson, L. K., Shen, W. L., Creed, J. T., and Caruso, J. A. (1990). Reduced-Pressure Microwave-Induced Plasma Mass Spectrometric Detection of Phosphorus and Sulfur in Gas Chromatographic Eluates. *1990 winter conference on plasma spectrochemistry, st. Petersburg, florida, usa, january 8-13, 1990. J anal at spectrom* 5: 467-470.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Stratton, G. W. (1987). The Effects of Pesticides and Heavy Metals Towards Phototrophic Microorganisms. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: 71-148.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Strong, M. and Johnstone, P. W. (Interventions for Treating Scabies. *Cochrane database syst rev. 2007(3):cd000320. [Cochrane database of systematic reviews (online)]: Cochrane Database Syst Rev.*
Chem Codes : Chemical of Concern: MLN Code: HUMAN HEALTH.
- Struger, J., Bishop, C. A., Pettit, K. E., Tse, H., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Environmental Fate and Effects of Organophosphorus Insecticides on Amphibians in a Muck Crop Growing Area of Ontario, Canada. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp. 1993.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Studdert, V. P. (1985). Incidence of Poisoning in Dogs and Cats in Melbourne Australia. *Aust vet j* 62: 133-135.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Sudakin, D. L., Mullins, M. E., Horowitz, B. Z., Abshier, V., and Letzig, L. (2000). Intermediate Syndrome After Malathion Ingestion Despite Continuous Infusion of Pralidoxime. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 38, no. 1, pp. 47-50. 2000.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sudomo, M., Baroji, and Sustriayu, N. (1985). Chemical Control on Malaria Vector Anopheles-Aconitus in Central Java Indonesia. *Symposium on research on the mosquito vectors of malaria in southeast asia held at the tropical medicine and public health project technical meeting, kuala lumpur, malaysia, apr. 19-21, 1984. Southeast asian j trop med public health* 16: 153-162.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Sujatha, C. H. and Chacko, J. (1991). Malathion Sorption by Sediments From a Tropical Estuary. *Chemosphere* 23: 167-180.
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Sujatha, C. H. and Chacko, J. *. (1992). Organophosphorus Pesticide Adsorption Variability in Diverse Estuarine Sediments. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 36, no. 1-2, pp. 65-73. 1992.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sujatha, C. H., Nair, S. M., and Chacko, J. (1999). Determination and Distribution of Endosulfan and Malathion in an Indian Estuary. *Water Research* 33: 109-114.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sujatha, C. H., Nair, S. M., and Chacko, J. *. (1994). Sorption of Malathion and Methyl Parathion by Tropical Aquatic Sediments: Influence of Salinity. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 43, no. 3-4, pp. 175-181. 1994.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sundaram, A. (1985). A Gravimetric Method for Determining the Relative Volatilities of Non-Aqueous Pesticide Formulations and Spray Diluents. *Pestic sci* 16: 397-403.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sundaram, A. (1987). Optimizing Physical Properties of Diluent Oils for Maximum Target Deposition of Ultralow-Volume Spray Droplets Under Laboratory Conditions. *Vander hooven, d. I. B. And l. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems* Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm: philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 101-122.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Sundseth, S. S., Kennel, S. J., and Waters, L. C. (1988). Correlation of Cytochrome P-450 Expression and Insecticide Resistance in Drosophila. *72nd annual meeting of the federation of american societies for experimental biology, las vegas, nevada, usa, may 1-5, 1988. Faseb (fed am soc exp biol) j* 2: Abstract 4161.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Sundseth, Scott S., Kennel, Stephen J., and Waters, Larry C. (1989). Monoclonal Antibodies to Resistance-Related Forms of Cytochrome P450 in Drosophila Melanogaster. *Pesticide Biochemistry and Physiology* 33: 176-188.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Surendran, S. N., Karunaratne SHPP, Adams, Z., Hemingway, J., and Hawkes, N. J. (2005). Molecular and Biochemical Characterization of a Sand Fly Population From Sri Lanka: Evidence for Insecticide Resistance Due to Altered Esterases and Insensitive Acetylcholinesterase. *Bulletin of Entomological Research [Bull. Entomol. Res.]*. Vol. 95, no. 4, pp. 371-380. Aug 2005.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Svanberg, O. (1996). Monitoring of Biological Effects. *Resources conservation and recycling* 16: 351-360.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Svanberg, O. (Toxic Effects Monitoring in Baltic Sea Coastal Areas. *Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). Ecological indicators, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 413-423.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Swan, S. H., Kruse, R. L., Liu, F., Barr, D. B., Drobnis, E. Z., Redmon, J. B., Wang, C., Brazil, C., and Overstreet, J. W. (2003). Semen Quality in Relation to Biomarkers of Pesticide Exposure. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 111, no. 12, pp. 1478-1484. Sep 2003.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Swann, J. M., Kennedy, J. R., and Schultz, T. W. (1999). Evaluation of Two **in Vitro** Ciliated Epithelial Systems, Dog Trachea and Frog Palate, for Potential as Screens for Sensory Irritation. *In vitro & molecular toxicology* 12: 17-32.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Syrowatka, T. (The Effect of Some Organophosphorus Insecticides of Rat Liver Mitochondria. *Roczniki państwowego zakładu hig.*; 20(5): 557-62, 1969; (ref:15).

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Szekacs, A., Halarnkar, P. P., Olmstead, M. M., Prag, K. A., and Hammock, B. D. (1990). Heterocyclic Derivatives of 3-Substituted 1,1,1-Trifluoro-2-Propanones as Inhibitors of Esterolytic Enzymes. *Chem res toxicol* 3: 325-332.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Szente, L., Magisztrak, H., and Szejtli, J. (1990). Formulation of Insect Controlling Agents With Beta-Cyclodextrin. *Pestic sci* 28: 7-16.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Tabashnik, B. E. (1990). Modeling and Evaluation of Resistance Management Tactics. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. 1x+303p. Routledge, chapman and hall: new york, new york, usa* London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 153-182.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Tadesse, A. and Basedow, T. (2004). A Survey of Insect Pest Problems and Stored Product Protection in Stored Maize in Ethiopia in the Year 2000. *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz*, 111 (3) pp. 257-265, 2004.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Takagi, K. and Ueji, M. (1997). Use, Research and Development of Pesticides in Relation to Sustainable Agriculture in Japan. *Jarq* 31: 13-20.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Takamura, K., Nohara, S., Kariya, T., Okazaki, M., and Ito, K. (1991). Effects of Pesticide Contamination From Rice Fields on Stream Benthic Arthropods. *Japanese journal of limnology [JAP. J. LIMNOL./RIKUSUIZATSU.]*. Vol. 52, no. 2, pp. 95-103. 1991.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Talcott, Ronald E. (1979). Hepatic and Extrahepatic Malathion Carboxylesterases. Assay and Localization in the Rat. *Toxicology and Applied Pharmacology* 47: 145-150.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Talebi, K. and Shibamoto, T. (2007). Degradation of Malathion in Aqueous Extracts Obtained From Different Developmental Stages of Asparagus (*Asparagus Officinalis*). *Journal of the Science of Food and Agriculture*, 87 (2) pp. 320-325, 2007.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Tanaka, T., Hori, T., Asada, T., Oikawa, K., and Kawata, K. (Simple One-Step Extraction and Cleanup by Pressurized Liquid Extraction for Gas Chromatographic-Mass Spectrometric Determination of Pesticides in Green Leafy Vegetables. *J chromatogr a*. 2007, dec 21; 1175(2):181-6. [*Journal of chromatography. A*]: *J Chromatogr A*.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Tang, B., Zhang, J. E., Zang, L. G., Zhang, Y. Z., Li, X. Y., and Zhou, L. (2005-). Determination of Nine

- Organophosphorus Pesticides in Cereals and Kidney Beans by Capillary Gas Chromatography With Flame Photometric Detection. *J.Chromatogr.Sci.* 43: 337-341.
Chem Codes: Chemical of Concern: MLN,PRN,MP,EP,PRT,DZ,CPY Code: METHODS.
- Tang, Z.-H. and Zhou, C.-L. (1993). The Role of Detoxication Esterases in Insecticide Resistance of Diamondback Moth *Plutella xylostella* Larvae. *Acta Entomol.Sin.* 36 : 8-13 (CHI) (ENG ABS).
Chem Codes: EcoReference No.: 93284
 Chemical of Concern: MLN,PMR,TBF Code: NON-ENGLISH.
- Taningher, M., Malacarne, D., Perrotta, A., and Parodi, S. (1999). Computer-Aided Analysis of Mutagenicity and Cell Transformation Data for Assessing Their Relationship With Carcinogenicity. *Environmental and molecular mutagenesis* 33: 226-239.
Chem Codes: Chemical of Concern: MLO Code : MODELING.
- Tarone, R. E., Casey, H. W., and Huxsoll, D. L. (1990). Excess of Seminomas Observed in Vietnam Service Usa Military Working Dogs. Au - Hayes Hm. *J natl cancer inst (bethesda)* 82: 1042-1046.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Tarzwel, C. M. (1950). Some Effects of Mosquito Larviciding and the new Pesticides on Fishes. *Presented at the Symp.on Coord.of Mosquito Control and Wildlife Manag., Robert A.Taft Sanit.Eng.Ctr., Dep.of Health, Educ., and Welfare, Cincinnati, OH* 52-62.
Chem Codes: Chemical of Concern:
 EN,DLD,DDT,TXP,AND,CHD,HCCH,MXC,HPT,TEPP,MP,MLN,CBL,AZ,DS,TCF,DDVP,CMPH
Code: REFS CHECKED/REVIEW.
- Tauler, R., De Almeida Azevedo, D., Lacorte, S., Cespedes, R., Viana, P., and Barcelo, D. (2001). Organic Pollutants in Surface Waters From Portugal Using Chemometric Interpretation. *Environmental Technology [Environ. Technol.]*. Vol. 22, no. 9, pp. 1043-1054. Sep 2001.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Taylor, A. W. and Spencer, W. F. (1990). Volatilization and Vapor Transport Processes. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x.* 0: 213-270.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- TBuratti Franca M, D'aniello Alessandra, Volpe Maria Teresa, Meneguz Annarita, and Testai Emanuela (2005). Malathion Bioactivation in the Human Liver: the Contribution of Different Cytochrome P450 Isoforms. *Drug Metabolism and Disposition [Drug Metab. Disposition]*. Vol. 33, no. 3, pp. 295-302. Mar 2005.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tennant, R. W., Margolin, B. H., Shelby, M. D., Zeiger, E., Haseman, J. K., Spalding, J., Caspary, W., Resnick, M., Stasiewicz, S. and others (1987). Prediction of Chemical Carcinogenicity in Rodents From in-Vitro Genetic Toxicity Assays. *Science (wash d c)* 236: 933-941.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tepper, J. S., Moser, V. C., Costa, D. L., Mason, M. A., Roache, N., Guo, Z., and Dyer, R. S. (1995). Toxicological and Chemical Evaluation of Emissions From Carpet Samples. *American industrial hygiene association journal* 56: 158-170.
Chem Codes: Chemical of Concern: MLN Code: INHALE.
- Terekhina, N. A., Zorin, M. G., and Terekhin, G. A. ([Effect of Sapropel Mud on the Parameters of Oxidative Stress and Antioxidative Defense in Acute Carbofos Poisoning]. *Patol fiziol eksp ter. 2007 jan-mar(1):6-8. [Patologicheskaiia fiziologiia i eksperimental'naia terapiia]: Patol Fiziol Eksp Ter.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

- Terenius, O. and Akerblom, M. (1997). Evaporated Extracts of Samples for Pesticide Residue Analysis Simplifies Transport From Remote Places. *Bulletin of environmental contamination and toxicology* 58: 341-347.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS`.
- Termonia, A. and Termonia, M. (1997). Full Scan Gc-Ms Quantitation of Pesticides in Spring Water at the 10 Ppt Level Using Large Volume on-Column Injection. *Hrc journal of high resolution chromatography* 20: 447-450.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Thakur, R. K. (1996). Termite Problems in Arid Zones and Their Management. *Indian forester* 122: 161-169.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Thangam, T. S. and Kathiresan, K. (1991). Mosquito Larvicidal Activity of Marine Plant Extracts With Synthetic Insecticides. *Bot mar* 34: 537-539.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Thapar, S., Bhushan, R., and Mathur, R. P. (1995). Degradation of Organophosphorus and Carbamate Pesticides in Soils-Hplc Determination. *Biomedical chromatography* 9: 18-22.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Thapar, S., Bhushan, R., and Mathur, R. P. (1994). Simultaneous Determination of a Mixture of Organophosphorus and Carbamate Pesticides by High Performance Liquid Chromatography. *Biomedical chromatography* 8: 153-157.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Theiling, K. M. and Croft, B. A. (1988). Pesticide Side Effects on Arthropod Natural Enemies a **Database Summary**. *Agric ecosyst environ* 21: 191-218.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Thiel, J. A. and Wenger, B. S. (1985). Differing Biochemical Patterns in Pyridine Nucleotide-Related Teratogenesis. *American association of anatomists 98th annual meeting and the association canadienne des anatomistes (canadian association of anatomists) 29th annual meeting, toronto, ont., Canada, may 5-9, 1985. Anat rec* 211: 194a-195a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Thier, H. P. and Zeumer, H. (1987). Manual of Pesticide Residue Analysis Vol. 1. *Thier, h.-P. And h. Zeumer (ed.). Manual of pesticide residue analysis, vol. 1. Xvi+432p. Vch publishers, inc.: New york, new york, usa* Weinheim, west germany. Illus. Isbn 0-89573-592-x; isbn 3-527-27010-8.; 0: Xvi+432p.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Thiere, G. and Schulz, R. (2004). Runoff-Related Agricultural Impact in Relation to Macroinvertebrate Communities of the Lourens River, South Africa. *Water Res.* 38: 3092-3102.
Chem Codes: Chemical of Concern: ES,MLN,CPY,AZ Code: SURVEY.
- Thomas, D. C., Petitti, D. B., Goldhaber, M., Swan, S. H., Rappaport, E. B., and Hertz-Picciotto, I. (1992). Reproductive Outcomes in Relation to Malathion Spraying in the San Francisco Bay Area, 1981-1982. *Epidemiology. Vol. 3, no. 1, pp. 32-39. 1992.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Thomas, I. K. and Imamura, T. (1986). Immunosuppressive Effect of an Impurity of Malathion: Inhibition of Murine T- and B-Lymphocyte Responses by O,O,S-Trimethyl Phosphorothioate. *Toxicology and Applied Pharmacology* 83: 456-464.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Thomas, Imad K. and Imamura, Toshiko (1986). Modulation of Cellular and Humoral Immune Responses by O,S,S-

- Trimethyl Phosphorodithioate, an Impurity of Commercial Malathion. *Toxicology* 39: 1-12.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Thomas, K. P. (1987). The Fate of the Sulphur Content of Malathion When Applied to Barley Used to Produce Malt Whisky. *J. INST. BREW. Vol. 93, no. 1, pp. 18-22. 1987.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Thomas, M., Korth, W., Foster, S. *, and McCorkelle, G. (1998). Dissipation of Pesticides in Irrigation Drainage From Mixed Rice and Maize Crops in the Willbriggie Catchment, Nsw Australia. *Australasian Journal of Ecotoxicology [Australas. J. Ecotoxicol.]. Vol. 4, no. 2, pp. 75-84. Jul 1998.*
Chem Codes: Chemical of Concern: MLN Code: NO EFFECT, FATE.
- Thompson, C. M. (1994). Enantioenriched Phosphorothiolates Synthesis Analysis and Interaction With Acetylcholinesterase. *207th national meeting of the american chemical society, san diego, california, usa, march 13-17, 1994. Abstracts of papers american chemical society 207: Agro 25.*
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Thompson, C. M., Frick, J. A., Natke, B. C., and Hansen, L. K. (1989). Preparation, Analysis, and Anticholinesterase Properties of O,O-Dimethylphosphorothioate Isomerides. *Chem res toxicol* 2: 386-391.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Thompson, C. M., Suarez, A. I., and Rodriguez, O. P. (1996). Synthesis and 31p Chemical Shift Identification of Tripeptide Active Site Models That Represent Human Serum Acetylcholinesterase Covalently Modified at Serine by Certain Organophosphates. *Chemical research in toxicology* 9: 1325-1332.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Thompson, H. M. (1996). Interactions Between Pesticides: a Review of Reported Effects and Their Implications for Wildlife Risk Assessment. *Ecotoxicology* 5: 59-81.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Thompson, H. M., Langton, S. D., and Hart, A. (1995). Prediction of Inter-Species Differences in the Toxicity of Organophosphorus Pesticides to Wildlife: a Biochemical Approach. *Comp.Biochem.Physiol.C* 111: 1-12.
Chem Codes: Chemical of Concern: DMT,CMPH,PRT,SFT,FNTH,FNT,MLN,AZ,PRN,MP Code: IN VITRO.
- Thompson, T. S., Treble, R. G., Magliocco, A., Roettger, J. R., and Eichhorst, J. C. (1998). Case Study: Fatal Poisoning by Malathion. *Forensic science international* 95: 89-98.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Thorpe, G. R. and Elder, W. B. (1980). The Use of Mechanical Refrigeration to Improve the Storage of Pesticide Treated Grain. *International Journal of Refrigeration* 3: 99-106.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Tiebout, H. M. III and Brugger, K. E. (1995). Ecological Risk Assessment of Pesticides for Terrestrial Vertebrates: Evaluation and Application of the U.s. Environmental Protection Agency's Quotient Model. *Conservation Biology. Vol. 9, no. 6, pp. 1605-1618. 1995.*
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Tietze, N. S., Ruff, J. P., Hallmon, C. F., Hester, P. G., and Shaffer, K. R. (1992). Effect of Ulv Malathion on Automotive Paint Finishes. *J am mosq control assoc* 8: 241-246.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Ting, K. C. and Kho, P. (1991). Gc/Aed Method for Pesticide Residue Determination in Fruits and Vegetables. *J assoc off anal chem* 74: 991-998.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Tiryaki, O., Baysoyu, D., Sec(cedilla)er, E., and Aydin, G. (2008). Testing the Stability of Pesticides During Sample Processing for the Chlorpyrifos and Malathion Residue Analysis in Cucumber, Including Matrix Effects. *Bulletin of Environmental Contamination and Toxicology*, 80 (1) pp. 38-43, 2008.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Tisch, M., Faulde, M., and Maier, H. ([Genotoxic Effects of Insecticides in Current Use on Mucosal Epithelial Cells From Human Tonsil Tissue]. *Hno*. 2007, may; 55 suppl 1:e15-22. [Hno]: HNO.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH, HUMAN HEALTH, IN VITRO.
- Tolosa, I., Readman, J. W., and Mee, L. D. (1996). Comparison of the Performance of Solid-Phase Extraction Techniques in Recovering Organophosphorus and Organochlorine Compounds From Water. *Journal of chromatography a* 725: 93-106.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Toma, T., Miyagi, I., Chinen, T., and Hatazoe, H. (1992). Insecticidal Susceptibilities of Aedes albopictus Larvae in Different Islands of Okinawa Prefecture, Japan. *Jpn.J.Sanit.Zool.* 43: 331-336 (JPN) (ENG ABS).
Chem Codes: EcoReference No.: 100456
Chemical of Concern: MLN,FNT,FNTH,DZ,TMP,PPX,PMR Code: NON-ENGLISH.
- Toma, T., Miyagi, I., Kishimoto, T., Higa, Y., Hatazoe, H., and Zayasu, N. (1993). Insecticidal Resistance of Culex tritaeniorhynchus Giles (Diptera: Culicidae) in Okinawa Prefecture, Japan, in 1970-1972 and 1989. *Jpn.J.Sanit.Zool.* 44: 263-269.
Chem Codes: Chemical of Concern: DDT,HCCH,DLD,MLN,FNT,DDVP,Naled,FNTH,DZ,TMP,TCF
Code: NO DURATION.
- Torres, C. M., Pico, Y., Marin, R., and Manes, J. (1997). Evaluation of Organophosphorus Pesticide Residues in Citrus Fruits From the Valencian Community (Spain). *Journal of aoac international* 80: 1122-1128.
Chem Codes : Chemical of Concern: MLN Code: SURVEY.
- Torres, C. M., Pico, Y., Redondo, M. J., and Manes, J. (1996). Matrix Solid-Phase Dispersion Extraction Procedure for Multiresidue Pesticide Analysis in Oranges. *Journal of chromatography a* 719: 95-103.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Toussaint, M. W., Shedd, T. R., van der Schalie, W. H., Leather, G. R., Felkner, D., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). A Comparison of the Sensitivity of Rapid Toxicity Screening Tests. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Townsend, B. A. and Carlson, G. P. (1980). Effect of Halogenated Benzenes on Malathion and Malaoxon Toxicity and Metabolism in Mice. *Meeting of the american society for pharmacology and experimental therapeutics, rochester, minn., Usa, aug. 17-21, 1980. Pharmacologist* 22: 174.
Chem Codes: Chemical of Concern: MLO Code : ABSTRACT.
- Tran-Minh, C. (1993). Biosensors for the Analysis of Pesticide Residues. *Anal proc* 30: 73-74.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Travis, C. C. and Arms, A. D. (1988). Bioconcentration of Organics in Beef Milk and Vegetation. *Environ sci technol* 22: 271-274.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Trim, A. H. and Marcus, J. M. (1990). Integration of Long-Term Fish Kill Data With Ambient Water Quality Monitoring Data and Application to Water Quality Management. *Environ manage* 14: 389-396.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Tripathi, R. K., Chiu, Y. C., and O'brien, R. D. (1973). Reactivity in Vitro Toward Substrate and Inhibitors of Acetylcholinesterase Isozymes From Electric Eel Electroplax and Housefly Brain. *Pestic. Biochem. Physiol.* 3: 55-60.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tsang, K. Roger, Ward, Gordon B., Mardan, Ali H. , Harein, Phillip K., Brooks, Marion A., and Jacobson, Lawrence (1985). Establishment and Characterization of a Cell Line From Embryos of the Indianmeal Moth, Plodia interpunctella. *Journal of Invertebrate Pathology* 46: 180-188.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Tsatsakis, A. M., Aguridakis, P., Michalodimitrakis, M. N., Tsakalov, A. K., Alegakis, A. K., Koumantakis, E., and Troulakis, G. (1996). Experiences With Acute Organophosphate Poisonings in Crete. *Veterinary and Human Toxicology*. Vol. 38, no. 2, pp. 101-107. Apr 1996.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Adsorption on Microbial Biomass Au - Bell Jp. *Thirteenth biennial conference of the international association on water pollution research and control, part 2, rio de janeiro, brazil, august 17-22, 1986. Water sci technol* 19: 409-416.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Tsezos, M. and Bell, J. P. (1991). A Mechanistic Study on the Fate of Malathion Following Interaction With Microbial Biomass. *Water Research* 25: 1039-1046.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Tsipriyan, V. I. and Martsenyuk, N. K. (1984). Toxicologic Evaluation of Photolytic Pesticide Destruction Products. *Gigiena i Sanitariya [GIG. SANIT.]. no. 8, pp. 77-80. 1984.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Tsuda, T., Aoki, S., Kojima, M., and Fujita, T. (1992). Pesticides in Water and Fish From Rivers Flowing Into Lake Biwa (Ii). *Chemosphere* 24: 1523-1531.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Tu, C. M. (1988). Effects of Selected Pesticides on Activities of Invertase Amylase and Microbial Respiration in Sandy Soil. *Chemosphere* 17: 159-164.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Tu, C. M. (1994). Effects of Some Insecticides on Microbial Activities in Sandy Soil. *J.Environ.Sci.Health Part B* 29: 281-292.
Chem Codes: Chemical of Concern: TFT,PRT,MLN,HCCH,CBF,ETN,EP,OML,TBO Code: BACTERIA.
- Tu, C. M. (1994). Effects of Some Insecticides on Microbial Activities in Sandy Soil. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 281-292.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Tucker, J. D., Auletta, A., Cimino, M. C., Dearfield, K. L., Jacobson-Kram, D., Tice, R. R., and Carrano, A. V. (Sister-Chromatid Exchange: Second Report of the Gene-Tox Program. *Mutat res* 1993 sep;297(2):101-80: *Mutat Res*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tumurov, G. L., Zhamsaranova, S. D., Dzantiev, B. B., and Egorov, A. M. (1990). Enzyme Immunoassay of Carbophos Derivatives. *Biotekhnologiya* 0: 82-84.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Tuomainen, Anneli, Kangas, Juhani A., Meuling, Wim J. A., and Glass, Richard C. (2002). Monitoring of Pesticide

- Applicators for Potential Dermal Exposure to Malathion and Biomarkers in Urine. *Toxicology Letters* 134: 125-132.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tuormaa, T. E. (1995). Adverse Effects of Agrochemicals on Reproduction and Health: a Brief Review From the Literature. *Journal of nutritional & environmental medicine (abingdon)* 5: 353-366.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Turner, B., Waithman, J., and Segawa, R. (Environmental Monitoring Results of the Mexican Fruit Fly Eradication Program, San Diego County, Spring 1990. *Govt reports announcements & index (gra&i)*, issue 18, 1991.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Tuschl, Helga and Schwab, Christina E. (2004). Flow Cytometric Methods Used as Screening Tests for Basal Toxicity of Chemicals. *Toxicology in Vitro* 18: 483-491.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Tyler, P. S. and Green, A. A. (1968). The Effectiveness of Fenitrothion and Malathion as Grain Protectants Under Severe Practical Conditions. *Journal of Stored Products Research* 4: 119-126.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Tyler, P. S. and Rowlands, D. G. (1967). Sodium Carboxymethyl Cellulose as a Stabilizer for Malathion Formulations. *Journal of Stored Products Research* 3: 109-115.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Tytler, N. B. and Tully, S. J. (1993). The Who What Why and How of Waste Analysis. *Anal proc* 30: 69-71.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Uchida, T., Zschintzsch, J., and O'Brien, R. D. (1966). Relation Between Synergism and Metabolism of Dimethoate in Mammals and Insects. *Toxicology and Applied Pharmacology* 8: 259-265.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ueda, H., Itoh, H., and Tadano, J. (1992). Screening of Organophosphorus Pesticides Using Liquid Chromatography-Atmospheric Pressure Chemical Ionization Mass Spectrometry. Au - Kawasaki S. *J chromatogr* 595: 193-202.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Uppal, R. P. and Batra, V. K. (1986). Alteration of Microsomal Metabolism by Malathion. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 177.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Uygun, Umran, Koksel, Hamit, and Atli, Ayhan (2005). Residue Levels of Malathion and Its Metabolites and Fenitrothion in Post-Harvest Treated Wheat During Storage, Milling and Baking. *Food Chemistry* 92: 643-647.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Uygun, Umran, Ozkara, Recep, Ozbey, Ayse, and Koksel, Hamit (2007). Residue Levels of Malathion and Fenitrothion and Their Metabolites in Postharvest Treated Barley During Storage and Malting. *Food Chemistry* 100: 1165-1169.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Uygun, Umran, Senoz, Berrin, and Koksel, Hamit (2008-). Dissipation of organophosphorus pesticides in wheat during pasta processing. *Food Chemistry* 109: 355-360.
Chem Codes: Chemical of Concern: MLN Code: FOOD.

- Vaal, M., Van, D. E. R. Wal Jt, Hoekstra, J., and Hermens, J. (1997). Variation in the Sensitivity of Aquatic Species in Relation to the Classification of Environmental Pollutants. *Chemosphere* 35: 1311-1327.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Vale, J. A. (1998). Toxicokinetic and Toxicodynamic Aspects of Organophosphorus (Op) Insecticide Poisoning. *Toxicology letters (shannon)* 102-103: 649-652.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Valsaraj, K. T., Thoma, G. J., Reible, D. D., and Thibodeaux, L. J. (1993). On the Enrichment of Hydrophobic Organic Compounds in Fog Droplets. *Atmos environ part a gen top* 27: 203-210.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Van Dijk H Fg and Guicherit, R. (1999). Atmospheric Dispersion of Current-Use Pesticides: a Review of the Evidence From Monitoring Studies. *Water air and soil pollution* 115: 21-70.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Van Hemmen Jj and Brouwer, D. H. (1997). Exposure Assessment for Pesticides: Operators and Harvesters Risk Evaluation and Risk Management. *Mededelingen faculteit landbouwkundige en toegepaste biologische wetenschappen universiteit gent* 62: 113-131.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Van Metre Pc and Callender, E. (1996). Identifying Water-Quality Trends in the Trinity River, Texas, Usa, 1969-1992, Using Sediment Cores From Lake Livingston. *Environmental geology* 28: 190-200.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Van Wijk Rj and Kraaij, R. (1994). Use of Model Parameter Estimations From Standard Fish Toxicity Tests to Indicate Toxic Mechanisms. *Bulletin of environmental contamination and toxicology* 53: 171-178.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Vasilic, Zelimira, Stengl, Bozena, and Drevenkar, Vlasta (1999). Dimethylphosphorus Metabolites in Serum and Urine of Persons Poisoned by Malathion or Thiometon. *Chemico-Biological Interactions* 119-120: 479-487.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Venanat, A., Borrel, S., Mallet, J., and Van Neste E (1989). Gel Permeation Chromatography as a Method for the Simultaneous Clean-up of Organochlorine Organophosphate and Polychlorinated Biphenyl Residues in Fat Extracts. *Analisis* 17: 64-66.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Venkat, J. A., Shami, S., Davis, K., Nayak, M., Plimmer, J. R., Pfeil, R., and Nair, P. P. *. (1995). Relative Genotoxic Activities of Pesticides Evaluated by a Modified Sos Microplate Assay. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 25, no. 1, pp. 67-76. 1995.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Venkatadri, R. and Peters, R. W. (1993). Chemical Oxidation Technologies Ultraviolet Light-Hydrogen Peroxide Fenton's Reagent and Titanium Dioxide-Assisted Photocatalysis. *Hazard waste hazard mater* 10: 107-149.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Vera-Avila, L. E., Vazquez-Lira, J. C., de Llasera, M. G., and Covarrubias, R. (2005). Sol--Gel Immunosorbents Doped With Polyclonal Antibodies for the Selective Extraction of Malathion and Triazines From Aqueous Samples. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 39, no. 14, pp. 5421-5426. 15 Jul 2005.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Verga, G. R. (1992). Improvements in Flame Photometric Detector Design and Operation: Determination of

- Organophosphorus Pesticide Residues at Low Picogram Levels. *Hrc (j high resolut chromatogr)* 15: 235-237.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Verhaar, H. Jm, Van Leeuwen Cj, and Hermens, J. Lm (1992). Classifying Environmental Pollutants: Structure-Activity Relationships for Prediction of Aquatic Toxicity. *Chemosphere* 25: 471-491.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vermeulen, A. C. (1995). Elaborating Chironomid Deformities as Bioindicators of Toxic Sediment Stress: the Potential Application of Mixture Toxicity Concepts. *Annales zoologici fennici* 32: 265-285.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Verrin, S. M., Begg, S. J., Ross, P. S., and Department of Fisheries and Oceans Canada, Sidney, BC (Canada) Inst. Ocean. Sci. (2004). Pesticide Use in British Columbia and the Yukon: an Assessment of Types, Applications and Risks to Aquatic Biota.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Viana, E., Molto, J. C., Manes, J., and Font, G. (1993). Clean-up and Confirmation Procedures for Gas Chromatographic Determination of Pesticides Residues in Contaminated Waters Part I. *Journal of chromatography a* 655: 285-292.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Viana, E., Redondo, M. J., Font, G., and Molto, J. C. (1996). Disks Versus Columns in the Solid-Phase Extraction of Pesticides From Water. *Journal of chromatography a* 733: 267-274.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vidair, C. A. (2004). Age Dependence of Organophosphate and Carbamate Neurotoxicity in the Postnatal Rat: Extrapolation to the Human. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 196, no. 2, pp. 287-302. 15 Apr 2004.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Videira, R. A., Peca, L. Ps, Antunes-Madeira, M. Dc, and Madeira, V. Mc (1994). Effects of Malathion on Membrane Fluidity and Its Implications for the Mechanisms of Toxicity. *Medical science research* 22: 551-553.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vighi, M. and Calamari, D. (1987). A Triparametric Equation to Describe Qsars for Heterogeneous Chemical Substances. *Chemosphere* 16: 1043-1052.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Vighi, M., Garlanda, M. M., and Calamari, D. (1991). Qsars for Toxicity of Organophosphorous Pesticides to Daphnia and Honeybees. *Fourth international workshop on qsar (quantitative structure-activity relationships) in environmental toxicology, veldhoven, netherlands, september 16-20, 1990. Sci total environ* 109-110: 605-622.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Vilanova, E. and Sogorb, M. A. (1999). The Role of Phosphotriesterases in the Detoxication of Organophosphorus Compounds. *Critical reviews in toxicology* 29: 21-57.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Villatte, F., Marcel, V., Estrada-Mondaca, S., and Fournier, D. (1998). Engineering Sensitive Acetylcholinesterase for Detection of Organophosphate and Carbamate Insecticides. *Biosensors & bioelectronics* 13: 157-164.
Chem Codes: Chemical of Concern: MLO Code: METHODS, IN VITRO.
- Villen, J., Senorans, F. J., and Herraiz, M. (Very Large Volume Sample Introduction in Capillary Gas

Chromatography Using a Programmed Temperature Injector for Pesticide Analysis.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Vioque-Fernandez, A., Alves de Almeida, E. A., and Lopez-Barea, J. (2007). Esterases as Pesticide Biomarkers in Crayfish (*Procambarus clarkii*, Crustacea): Tissue Distribution, Sensitivity to Model Compounds and Recovery from Inactivation. *Comp.Biochem.Physiol.C* 145: 404-412.

Chem Codes: Chemical of Concern: CBL,MLN,CPY Code: IN VITRO.

Vioque-Fernandez, A., Alves de Almeida, E. A., and Lopez-Barea, J. (2007). Esterases as Pesticide Biomarkers in Crayfish (*Procambarus Clarkii*, Crustacea): Tissue Distribution, Sensitivity to Model Compounds and Recovery From Inactivation. *Comp.Biochem.Physiol.C* 145: 404-412.

Chem Codes: Chemical of Concern: CBL,MLN,CPY Code: IN VITRO.

Vitali, M., Guidotti, M., Giovinazzo, R., and Cedrone, O. (1998). Determination of Pesticide Residues in Wine by Spme and Gc for Consumer Risk Assessment./Methods. *Food additives and contaminants* 15: 280-287.

Chem Codes : Chemical of Concern: MLN Code: METHODS.

Vogel, E. W., Graf, U., Frei, H. J., and Nivard, M. M. (The Results of Assays in Drosophila as Indicators of Exposure to Carcinogens. *Iarc sci publ* 1999(146):427-70: *IARC Sci Publ* .

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Vosough-Ghanbari, Sanaz, Sayyar, Parisa, Pournourmohammadi, Shirin, Aliahmadi, Atousa, Ostad, Seyed Nasser, and Abdollahi, Mohammad (2007). Stimulation of insulin and glucagon synthesis in rat Langerhans islets by malathion in vitro: Evidence for mitochondrial interaction and involvement of subcellular non-cholinergic mechanisms. *Pesticide Biochemistry and Physiology* 89: 130-136.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Wagenet, R. J. and Hutson, J. L. (1990). Quantifying Pesticide Behavior in Soil. *Cook, r. J. (Ed.). Annual review of phytopathology, vol. 28. X+493p. Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-1328-3. 0: 295-320.*

Chem Codes: Chemical of Concern: MLN Code : MODELING, FATE.

Wagner, E. D., McMillian, S. M., and Plewa, M. J. (2005). Cytotoxicity of Organophosphorus Ester (Op) Insecticides and Cotoxic Synergism of 2-Acetoxyacetylaminofluorene (2aaaf) in Chinese Hamster Ovary (Cho) Cells. *Bull.Environ.Contam.Toxicol.* 75: 329-334.

Chem Codes: Chemical of Concern: MP,MLN,EPRN,CPY Code: IN VITRO.

Waliszewski, S. M., Aguirre, A. A., Infanzon, R. M., Rivera, J., and Infanzon, R. (1998). Time Trend of Organochlorine Pesticide Residues in Human Adipose Tissue in Veracruz, Mexico: 1988-1997 Survey. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 221, no. 2-3, pp. 201-204. 8 Oct 1998.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Walker, C. H. (1998). The Use of Biomarkers to Measure the Interactive Effects of Chemicals. *Ecotoxicology and Environmental Safety* 40: 65-70.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Walker, C. H., Brealey, C. J., Mackness, M. I., and Johnston, G. (1991). Toxicity of Pesticides to Birds: The Enzymic Factor. *Biochem.Soc.Trans.* 19: 741-745.

Chem Codes: Chemical of Concern: CBL,MLN,PCB,HCCH,PIRM,DZ,CPY,AND,AN Code: REFS CHECKED/REVIEW.

Walker, C. H. and Johnston, G. O. (1989). Interactive Effects of Pollutants at the Toxicokinetic Level--Implications for the Marine Environment. *Marine Environmental Research* 28: 521-525.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Walker, W. W. (1976). Chemical and Microbiological Degradation of Malathion and Parathion in an Estuarine Environment. *J. Environ. Qual.* Vol. 5, no. 2, pp. 210-216. 1976.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Wall, G. R. and Phillips, P. J. (1998). Pesticides in the Hudson River Basin, 1994-96. *Northeastern geology and environmental sciences* 20: 299-307.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wallace, K. B. and Herzberg, U. (1988). Reactivation and Aging of Phosphorylated Brain Acetylcholinesterase from Fish and Rodents. *EPA-R-810963 Minnesota Univ.-Duluth.Dept.of Pharmacology* 7 p. (NTIS/PB90-147364).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO/PUBL AS.
- Walter, Z. and Wiskowska, H. (1990). Effect of Malathion on the Initiation and Elongation Steps of Transcription. *Annual meeting of the polish biochemical society, torun, poland, september 1989. Acta biochim pol* 37: 73-76.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Walters, S. M. (1990). Clean-up Techniques for Pesticides in Fatty Foods. *Anal chim acta* 236: 77-82.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Wan, H. (1990). Small-Scale Method for the Determination of Organophosphorus Insecticides in Tea Using Sulfuric Acid as Clean-up Reagent. *J chromatogr* 516: 446-449.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wan, H. B., Wong, M. K., and Mok, C. Y. (1994). Mercury(Ii) Ion-Promoted Hydrolysis of Some Organophosphorus Pesticides. *Pesticide science* 42: 93-99.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wan, M. T., Szeto, S., and Price, P. (1994). Organophosphorus Insecticide Residues in Farm Ditches of the Lower Fraser Valley of British Columbia. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 917-949.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, C. K. and Lee, S. E. (1997). Evaluation of Granular Activated Carbon Adsorber Design Criteria for Removal of Organics Based on Pilot and Small-Scale Studies. *Water science and technology* 35: 227-234.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wang, L., Lee, F. S. C., Yin, Y. F., Xu, X. Q., Zhou, W. H., and Wang, X. R. (2007). Organophosphate Pesticide Residue Monitoring and Risk Assessment in the Sea-Water From Laizhou Bay. *Journal of Safety and Environment/Anquan Yu Huanjing Xuebao [J. Safety Environ./Anquan Yu Huanjing Xuebao]*. Vol. 7, no. 3, p. 83. Jun 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE,NON-ENGLISH.
- Wang, L., Zhao, Z., Jiang, X., Wu, J., and Martens, D. (2005). Assessment of Pesticide Residues in Two Arable Soils From the Semi-Arid and Subtropical Regions of China. *Environmental Monitoring and Assessment*, 109 (1-3) pp. 317-328, 2005.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, T. (1991). Assimilation of Malathion in the Indian River Estuary, Florida. *Bulletin of Environmental Contamination and Toxicology*. Vol. 47, no. 2, pp. 238-243. 1991.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, T. C. and Hoffman, M. E. (1991). Degradation of Organophosphorus Pesticides in Coastal Water. *J assoc off anal chem* 74: 883-886.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ward T. R., Ferris D. J., Tilson H. A., and Mundy W. R. (1993). Correlation of the Anticholinesterase Activity of a Series of Organophosphates With Their Ability to Compete With Agonist Binding to Muscarinic Receptors. *Toxicology and Applied Pharmacology* 122: 300-307.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Ward, T. R., Ferris, D. J., Tilson, H. A., Padilla, S., and Mundy, W. R. (1992). Comparison of Organophosphate Interactions With Ache and Muscarinic Receptors. *22nd annual meeting of the society for neuroscience, anaheim, california, usa, october 25-30, 1992. Soc neurosci abstr* 18: 1605.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Ward, T. R. and Mundy, W. R. (1996). Organophosphorus Compounds Preferentially Affect Second Messenger Systems Coupled to M24 Receptors in Rat Frontal Cortex. *Brain research bulletin* 39: 49-55.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Ward, T. R., Padilla, S., and Mundy, W. R. (1993). Paraoxon and Malaoxon Inhibit Camp Formation but Do Not Affect Inositol Phosphate Accumulation in Rat Brain Cortical Slices. *23rd annual meeting of the society for neuroscience, washington, d.c., Usa, november 7-12, 1993. Society for neuroscience abstracts* 19: 461.

Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.

Ware, G. W. (1991). Reviews of Environmental Contamination and Toxicology Vol. 118. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 1x+158p.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Waseem, A., Yaqoob, M., and Nabi, A. (Flow-Injection Determination of Carbaryl and Carbofuran Based on Kmno(4)-Na(2)So(3) Chemiluminescence Detection. *Luminescence. 2007 jul-aug; 22(4):349-54. [Luminescence : the journal of biological and chemical luminescence]: Luminescence.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Watanabe, M., Takebe, S., Kim, D. H., Kobashi, K., Arakawa, R., and Kamimura, K. (Pseudo-Type Acetylcholinesterase From Insecticide-Resistant Culex Tritaeniorhynchus.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Watanabe, T. (1998). Determination of the Concentration of Pesticides in Atmosphere at High Altitudes After Aerial Application. *Bulletin of environmental contamination and toxicology* 60: 669-676.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Waters, Michael D., Bergman, Hinda B., and Nesnow, Stephen (1988). The Genetic Toxicology of Gene-Tox Non-Carcinogens. *Mutation Research/Genetic Toxicology* 205: 139-182.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Waters, R. D., Crutcher, M. R., and Parker, F. L. (1993). Hazard Ranking Systems for Chemical Wastes and Chemical Waste Sites. *Saxena, j. (Ed.). Hazard assessment of chemicals, vol. 8. Xii+332p. Taylor & francis inc.: Bristol, pennsylvania, usa London, england, uk. Isbn 1-56032-271-3.; 0: 115-170.*

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Watson, J. E. (1996). Pesticides as a Source of Pollution. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-550660-0.; 0: 253-266.*

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Weber, J. B. (1977). The Pesticide Scorecard. Toxicological Effects, Biological Distributions, and the Fate of These Chemicals Can Be Quantified in a Simplified, Straightforward Manner. *Environ.Sci.Technol.* 11: 756-761.

Chem Codes: Chemical of Concern:
24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLD,EN,DDVP,ACR,BMC,Captan,DS,MLN,PRN,PRT,CBL,CBF,CuS,Cu,DMB,DU,Hg,PYZ Code: REFS CHECKED/REVIEW.

Weber, J. B., Best, J. A., and Gonese, J. U. (1993). Bioavailability and Bioactivity of Sorbed Organic Chemicals. *Sssa special publication* 0: 153-196.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Wegman, R. Cc and Melis, P. H Am (1986). Organic Pollutants in Water. *Crit rev anal chem* 16: 281-322.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Wegner, S. J. and Campbell, L. J. (1991). Radionuclides, Chemical Constituents, and Organic Compounds in Water From Designated Wells and Springs From the Southern Boundary of the Idaho National Engineering Laboratory to the Hagerman Area, Idaho, 1989.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Weinbaum, Z., Schenker, M. B., O'malley, M. A., Gold, E. B., and Samuels, S. J. (1995). Determinants of Disability in Illnesses Related to Agricultural Use of Organophosphates (Ops) in California. *American journal of industrial medicine* 28: 257-274.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Weis, J. S. and Weis, P. (1989). Effects of Environmental Pollutants on Early Fish Development. *Rev aquat sci* 1: 45-74.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Weiss, C. M. and Gakstatter, J. H. (1965). The Decay of Anticholinesterase Activity of Organic Phosphorus Insecticides on Storage in Water of Different Ph. In: *Proc.2nd Int.Water Pollut.Res.Conf., August 1964, Tokyo Adv.Water Pollut.Res.* 1: 83-102.

Chem Codes: Chemical of Concern: MP,PRN,FNTH,DZ,MLN,AZ,TCF,DDVP,DEM Code: IN VITRO.

Wenda-Rozewicka, L. (1982). Dna Content in the Mouse Spermatogonia B and Spermatid Nuclei During Treatment With Insecticides. *Folia Histochemica et Cytochemica [FOLIA HISTOCHEM. CYTOCHEM.]*. Vol. 20, no. 3-4, pp. 89-102. 1982.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Wenzel, A., Nendza, M., Hartmann, P., and Kanne, R. (1997). Test-Battery for the Assessment of Aquatic Toxicity. *Chemosphere* 35: 307-322.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Weres, O. and Pockay, J. (Decontamination System Utilizing Hydrogen Peroxide, Uv Light and Catalytic Surfaces. *Govt reports announcements & index (gra&i), issue 14, 2092.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Werner, I., Deanovic, L. A., Connor, V., De Vlaming, V., Bailey, H. C., and Hinton, D. E. (2000). Insecticide-Caused Toxicity to Ceriodaphnia Dubia (Cladocera) in the Sacramento-San Joaquin River Delta, California, Usa. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 19, no. 1, pp. 215-227. Jan 2000.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Wester, R. C., Melendres, J., Serranzana, S., and Maibach, H. I. (1994). Time-Response Necessary in Validation for Extraction of Pesticides From Cloth Patches Used in Field Exposure Studies. *Archives of environmental contamination and toxicology* 27: 276-280.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Wester, R. C., Quan, D., and Maibach, H. I. (1996). In Vitro Percutaneous Absorption of Model Compounds

Glyphosate and Malathion From Cotton Fabric Into and Through Human Skin. *Food and Chemical Toxicology*. Vol. 34, no. 8, pp. 731-735. Aug 1996.

Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.

White, N. D. G. and Nowicki, T. W. (1985). Effects of Temperature and Duration of Storage on the Degradation of Malathion Residues in Dry Rapeseed. *Journal of Stored Products Research* 21: 111-114.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

White, N. Dg (1985). Research on Contact Insecticides Used as Structural Treatments to Control Stored-Product Insects. *Annual meeting of the canadian society of pest management, winnipeg, manit., Canada, aug. 20-22, 1984. Can j plant sci* 65: 813-814.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

White, N. Dg (Uptake of Malathion and Pirimiphos-Methyl by Rye Wheat or Triticale Stored on Treated Surfaces. *J econ entomol*; 78 (6). 1985 (recd. 1986). 1315-1319.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

White, N. Dg, Jayas, D. S., Mills, J. T., and Dronzek, B. L. (1992). Effects of Canola Oil or White Mineral Oil at Dust Suppressant Levels on the Storage Characteristics of Wheat. *Cereal chem* 69: 182-187.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Who (Specifications for Pesticides Used in Public Health Insecticides Molluscicides Repellents Methods Sixth Edition. *Who. Specifications for pesticides used in public health: insecticides, molluscicides, repellents, methods, sixth edition. 384p. Who: geneva, switzerland. Illus. Paper. Isbn 92-4-156084-3; 0 (0). 1985 (recd. 1986). 384p.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Who Expert Comm Vector Biol Control (1990). Chemistry and Specifications of Pesticides Thirteenth Report of the Who Expert Committee on Vector Biology and Control. *Who tech rep ser* 0: 1-77.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Whyard, S., Downe, A. E. R., and Walker, V. K. *. (1995). Characterization of a Novel Esterase Conferring Insecticide Resistance in the Mosquito *Culex Tarsalis*. *Archives of Insect Biochemistry and Physiology [ARCH. INSECT BIOCHEM. PHYSIOL.]*. Vol. 29, no. 4, pp. 329-342. 1995.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

Whyard S. and Walker V. K. (1994). Characterization of Malathion Carboxylesterase in the Sheep Blowfly *Lucilia Cuprina*. *Pesticide Biochemistry and Physiology* 50: 198-206.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Wiaderkiewicz, R., Walter, Z., and Reimschuessel, W. (1986). Sites of Methylation of Dna Bases by the Action of Organophosphorus Insecticides in-Vitro. *Acta biochim pol* 33: 73-86.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Wiendl, F. M. and Sgrillo, R. B. (1982). Degradation of Malathion by Gama Radiation of Cobalt-60. *CIENC. CULT*. Vol. 34, no. 7, pp. 917-921. 1982.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Wilkins, J. Pg and Mason, D. J. (1987). A Study of the Trans-Esterification Products of Malathion by Capillary Gas Chromatography-Mass Spectrometry. *Pestic sci* 20: 259-270.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Willens, S., Stoskopf, M. K., Baynes, R. E., Lewbart, G. A., Taylor, S. K., and Kennedy-Stoskopf, S. (2006). Percutaneous Malathion Absorption by Anuran Skin in Flow-Through Diffusion Cells. *Environ.Toxicol.Pharmacol*. 22: 255-262.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Willens, S., Stoskopf, M. K., Baynes, R. E., Lewbart, G. A., Taylor, S. K., and Kennedy-Stoskopf, S. (2006). Percutaneous Malathion Absorption in the Harvested Perfused Anuran Pelvic Limb. *Environ.Toxicol.Pharmacol.* 22: 263-267.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Williams, D. J., Bevilacqua, V. L., Creasy, W. R., Mcgarvey, D. J., and Rice, J. S. (Use of Alum Mixtures for Removal and Decontamination of Vx and Ql in Aqueous Solutions. *Govt reports announcements & index (gra&i), issue 22, 2006.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Williams, G. H., Glotfelty, D. E., and Glenn, S. (1986). Pesticide Washout in Rain. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Willington, S. E., Zajac, W., McGregor, D. B., and Combes, R. D. (Method and Criteria for Assessing the Activity of Chemicals in the V79 Metabolic Cooperation Assay. *Mutat res* 216:283,1989: *MUTAT RES.*

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Wilson, B. W. and Stinnett, H. O. (Growth and Respiration of Monolayer Cell Cultures of Chick Embryo Heart Muscle and Skeletal Muscle: Action of Malathion and Malaoxon. *Proc. Soc. Exptl. Biol. Med.*; 130(1), 30-4, 1969; (ref:13).

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Wilson, B. W., Stinnett, H. O., Fry, D. M., and Nieberg, P. S. (1973). Growth and Metabolism of Chick Embryo Muscle Cultures: Inhibition with Malathion and Other Organophosphorus Compounds. *Arch.Environ.Health* 26: 93-99.

Chem Codes: Chemical of Concern: DDT,DLD,DCF,CHD,DS,DZ,PRN,MLN,MLO,CBL,DMT Code: IN VITRO.

Wilson, R. E., Crowley, H. A., Brownawell, B. J. , and Swanson, R. L. (2005). Simulations of Transient Pesticide Concentrations in Long Island Sound for Late Summer 1999 With a High Resolution Coastal Circulation Model. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 865-875. Oct 2005.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Wing, K. D., Glickman, A. H., and Casida, J. E. (1984). Phosphorothiolate Pesticides and Related Compounds: Oxidative Bioactivation and Aging of the Inhibited Acetylcholinesterase. *Pestic biochem physiol* 21: 22-30.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Winger, P. V. and Andreasen, J. K. (1985). Contaminant Residues in Fish and Sediments From Lakes in the Atchafalaya River Basin Louisiana Usa. *Arch environ contam toxicol* 14: 579-586 .

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Wintersteen, W. K. and Foster, D. E. (1992). Degradation of Malathion as a Function of Grain Drying Systems. *J econ entomol* 85: 1015-1022.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Wirth, M. C., Marquine, M., Georghiou, G. P., and Pasteur, N. (1990). Esterases A2 and B2 in Culex Quinquefasciatus (Diptera: Culicidae): Role in Organophosphate Resistance and Linkage. *J med entomol* 27: 202-206.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

- Wiszkowska, H., Kubiak, A., and Walter, Z. (The Influence of Organophosphorus Compounds on Rna Synthesis in Isolated Cell Nuclei. *Genet pol*; 25 (4). 1984 (recd. 1985). 319-326.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wiszkowska, Hanna, Kulamowicz, Irena, Malinowska, Alicja, and Walter, Zofia (1986). The Effect of Malathion on Rna Polymerase Activity of Cell Nuclei and Transcription Products in Lymphocyte Culture.
Environmental Research 41: 372-377.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wittmann, C., Riedel, K., and Schmid, R. D. (1997). Microbial and Enzyme Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 299-332.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Wittmann, C. and Schmid, R. D. (1997). Bioaffinity Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 333-347.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wojtysiak, M., Wiszkowska, H., and Walter, Z. (1987). Effect of Malathion on Dna Isolated From Transcriptionally Active and Inactive Chromatin From Calf Thymus. *Stud biophys* 120: 43-49.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wolf, M., Deleu, R., and Copin, A. (Separation of Pesticides by Capillary Gas Chromatography. Part 2. Organophosphorus Insecticides. *J. High resolut. Chromatogr. Chromatogr. Commun.* 4(7): 346-347 1981 (11 references).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Wolfe, N. L., Zepp, R. G., Gordon, J. A., Baughman, G. L., and Cline, D. M. (1977). Kinetics of Chemical Degradation of Malathion in Water. *Environ.Sci.Technol.* 11: 88-93.
Chem Codes: Chemical of Concern: MLN Code: FATE/NO SPECIES.
- Wong, P. K., Wai, C. C., and Liong, E. (1989). Comparative Study on Mutagenicities of Organophosphorus Insecticides in Salmonella. *Chemosphere* 18: 2413-2422.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Woo, Y. T., Lai, D. Y., Argus, M. F., and Arcos, J. C. (1996). Carcinogenicity of Organophosphorus Pesticides-Compounds an Analysis of Their Structure-Activity Relationships. *Journal of environmental science and health part c environmental carcinogenesis & ecotoxicology reviews* 14: 1-42.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Wood, A. B. and Kanagasabapathy, L. (1983). Evaluation of Inexpensive Thin-Layer Chromatographic Procedures for the Estimation of Some Organophosphorus and Carbamate Insecticide Residues in Fruit and Vegetables. *Pestic sci* 14: 108-118.
Chem Codes: Chemical of Concern: MLO Code: METHODS .
- Woodham, D. W., Robinson, H. F., Reeves, R. G., Bond, C. A., and Richardson, H. (1977). Monitoring Agricultural Insecticides in the Cooperative Cotton Pest Management Program in Arizona, 1971 - First-Year Study. *Pestic.Monit.J.* 10: 159-167.
Chem Codes: Chemical of Concern: MP,DMT,MLN,TXP,EN,HCCH,AND,HPT,DDT,DLD Code: NO DURATION/SURVEY.
- Wool, D., Brower, J. H., and Kamin-Belsky, N. (The Genetic Impact of Immigrant Males on Resident Populations of the Almond Moth Ephestia-Cautella. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 354.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Wool, David and Front, Lilach (2003). Esterase Variation in Tribolium Confusum (Coleoptera: Tenebrionidae): Genetic Analysis of Interstrain Crosses in Relation to Malathion Resistance. *Journal of Stored Products Research* 39: 237-249.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Worek, F., Diepold, C., and Eyer, P. (1999). Dimethylphosphoryl-Inhibited Human Cholinesterases: Inhibition, Reactivation, and Aging Kinetics. *Archives of Toxicology [Arch. Toxicol.]*. Vol. 73, no. 1, pp. 7-14. 22 Mar 1999.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Worek, F., Kirchner, T., Baecker, M., and Szinicz, L. (1996). Reactivation by Various Oximes of Human Erythrocyte Acetylcholinesterase Inhibited by Different Organophosphorus Compounds. *Archives of toxicology* 70: 497-503.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Worthing, C. R. (1991). The Pesticide Manual a World **Compendium** 9th Edition. *Worthing, c. R. (Ed.). The pesticide manual: a world compendium, 9th edition. Xlvii+1141p. British crop protection council: farnham, england, uk. Illus. Isbn 0-948404-42-6. 0: Xlvii+1141p.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Wright, C. G., Leidy, R. B., and Dupree, H. E Jr (1996). Insecticide Residues in the Ambient Air of Commercial Pest Control Buildings 1993. *Bulletin of environmental contamination and toxicology* 56: 21-28.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Wright, D. J. and Verkerk, R. Hj (1995). Integration of Chemical and Biological Control Systems for Arthropods: Evaluation in a Multitrophic Context. *Pesticide science* 44: 207-218.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Wu Tze-Kann and Lo Kang-Chen (1988). Comparative Toxicity of Some Pesticides Against Phytophagous Mite. Panonychus Citri (Acarina: Tetranychidae), Green Lacewing, Chrysopa Boninensis (Neuroptera: Chrysopidae) and Chrysopid Egg Parasite, Telenomus Ampullaceus (Hymenoptera: Scelionidae). *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN)]*. Vol. 30, no. 4, pp. 371-378. 1988.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Wu, Y. S., Lee, H. K., and Li, S. Fy (1998). Rapid Estimation of Octanol-Water Partition Coefficients of Pesticides by Micellar Electrokinetic Chromatography. *Electrophoresis* 19: 1719-1727.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Xiong, S. and Rodgers, K. (Effects of Malathion Metabolites on Degranulation of and Mediator Release by Human and Rat Basophilic Cells. *J toxicol environ health*. 1997, jun 6; 51(2):159-75. [*Journal of toxicology and environmental health*]; *J Toxicol Environ Health*.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Yadav, T. D. (1987). Current Status of Conventional Insecticides in Stored Product Insect Management in India. *Insect Science and Its Application [INSECT SCI. APPL.]*. Vol. 8, no. 4-6, pp. 703-707. 1987.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Yadava, R. L., Rao, C. K., Thapar, B. R., and Narasimham, M. V VI (1991). Blood Cholinesterase Monitoring in Spraymen Involved in Malathion Spraying: a Health Protection Measure. *J commun dis* 23: 55-58.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Yalkowsky, S. H. and Pinal, R. (1993). Estimation of the Aqueous Solubility of Complex Organic Compounds. *Chemosphere* 26: 1239-1261.

Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.

Yamaguchi, Y., Fukushima, M., Fujita, T., Yamamoto, T., and Yamada, A. (1992). Distribution and Seasonal Variation of Pesticide Residues in Yodo River Basin Japan. *Meeting on hazard assessment and control of environmental contaminants in water held at the 1st iawprc (international association on water pollution research and control), otsu city, shiga, japan, november 25-28, 1991. Water sci technol* 25: 61-68.

Chem Codes: Chemical of Concern: MLN Code: FATE, NO EFFECT.

Yamamoto, I. (1991). Insecticides Negatively Correlated With Resistance Development Cases of Insecticide Mixtures. *United states bard workshop on new targets for insect management in crop protection, jerusalem, israel, october 5-10, 1991. Phytoparasitica* 19: 353.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Yamamoto, M. K., Shen, Y. F., and Fitzsimmons, S. R. (1993). The Extraction of Nitrogen and Phosphorous-Containing Pesticides Using an Automated Graphitized Carbon Black Solid Phase Extraction Technique and Analysis by Gc-Npd. *205th acs (american chemical society) national meeting, denver, colorado, usa, march 28-april 2, 1993. Abstr pap am chem soc* 205: Envr 86.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Yamashita, M., Yamashita, M., Tanaka, J., and Ando, Y. (1997). Human Mortality in Organophosphate Poisonings. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]. Vol. 39, no. 2, pp. 84-85. Apr 1997.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Yang, M., Zhang, J., Zhu, K. Y., Xuan, T., Liu, X., Guo, Y., and Ma, E. (2008). Increased Activity and Reduced Sensitivity of Acetylcholinesterase Associated With Malathion Resistance in a Field Population of the Oriental Migratory Locust, *Locusta Migratoria Manilensis* (Meyen). *Pesticide Biochemistry and Physiology*, 91 (1) pp. 32-38, 2008.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Yang, M. L., Wu, H. H., Guo, Y. P., and Ma, E. B. (2004). Characterization and Comparison of General Esterases From Two Field Populations of the Grasshopper *Oxya Chinensis* (Thunberg) (Orthoptera: Acridoidea). *Acta Entomologica Sinica [Acta Entomol. Sin.]. Vol. 47, no. 5, pp. 579-585. 2004.*

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Yang, M. X. and Liu, Y. G. (1991). Toxicological Application of Luminol-Dependent Chemiluminescence Assay in Hepatic Microsomes and Reconstituted Cytochrome P450 Enzyme System. *Zhongguo yaolixue yu dulixue zazhi* 5: 312-320.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

YANG, Mei ling, ZHANG, Jian zhen, ZHANG, Jian qin, GUO, Ya ping, and MA, En bo (2008). Characterization of Carboxylesterase Associated with Malathion Insensitivity in the Field Population of the Oriental Migratory Locust. *Agricultural Sciences in China* 7: 591-598.

Chem Codes: Chemical of Concern: MLN Code: SURVEY, IN VITRO.

Yang, R. H., Huff, J., Germolec, D. R., Luster, M. I., Simmons, J. E., and Seely, J. C. (1989). Biological Issues in Extrapolation. *Ragsdale, n. N. And r. E. Menzer (ed.). Acs (american chemical society) symposium series, 414. Carcinogenicity and pesticides: principles, issues, and relationships* 196th national meeting of the american chemical society, los angeles, california, usa, september 25-30, 1988. Vii+246p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1703-3.; 0: 142-163.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Yao, J., Wang, Z., Jiao, S., Zheng, Y., Zhao, J., Gao, X., and Liang, T. T. (1992). A Complete Set of Procedure for Determination of Multiresidue of Pesticides in Vegetables. *J environ sci (china)* 4: 106-116.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Yao Me-Chi and Lo Kang-Chen (1994). Phoxim Resistance in *Rhyzopertha Dominica* Fabricius in Taiwan. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 14, no. 3, pp. 331-341. 1994.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Yao, Yuan, Tuduri, Ludovic, Harner, Tom, Blanchard, Pierrette, Waite, Don, Poissant, Laurier, Murphy, Clair, Belzer, Wayne, Aulagnier, Fabien, Li, Yi-Fan, and Sverko, Ed (2006). Spatial and Temporal Distribution of Pesticide Air Concentrations in Canadian Agricultural Regions. *Atmospheric Environment* 40: 4339-4351.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Yap, H. H., Chong, N. L., Foo, A. Es, and Lee, C. Y. (1994). Dengue Vector Control Present Status and Future Prospects. *Kaohsiung journal of medical sciences* 10: S102-s108.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Yarbrough, J. D., Chambers, J. E., and Robinson, K. M. (1982). Alterations in Liver Structure and Function Resulting From Chronic Insecticide Exposure. In: *J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems*, Raven Press, NY 25, 54-59.

Chem Codes: Chemical of Concern: DDT,MLN,Hg,DLD,CHD,PPB Code: REVIEW.

Yasoshima, M. and Masuda, Y. (1986). Effect of Carbon Disulfide on the Anticholinesterase Action of Several Organophosphorus Insecticides in Mice. *Toxicol.Lett.* 32: 179-184.

Chem Codes: Chemical of Concern: PRN,DZ,DDVP,MP,DMT,CBND,MLN Code: MIXTURE.

Yasutomi, K., Urabe, K. I., and Wada, Y. (1986). Insecticide-Resistance of *Anopheles Sinensis* and *Culex Tritaeniorhynchus* in Saitama Prefecture, Japan. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 37, no. 4, pp. 357-362. 1986.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Yasutomi, K., Urabe, K. I., and Wada, Y. (1986). Insecticide-Resistance of *Anopheles sinensis* and *Culix tritaeniorhynchus* in Saitama Prefecture, Japan. *Jpn.J.Sanit.Zool.* 37: 357-362 (JPN) (ENG ABS).

Chem Codes: EcoReference No.: 100466

Chemical of Concern: CBL,PPX,PMR,DZ,FNTH,FNT,MLN,TMP Code: NON-ENGLISH.

Yawetz, A., Zook-Rimon, Z., and Dotan, A. (1993). Cholinesterase Profiles in Two Species of Wild Birds Exposed to Insecticide Sprays in Their Natural Habitat. *Arch insect biochem physiol* 22: 501-509.

Chem Codes: Chemical of Concern: MLO Code: SURVEY.

Yeary, R. A. and Leonard, J. A. (1993). Measurement of Pesticides in Air During Application to Lawns Trees and Shrubs in Urban Environments. *Racke, k. D. And a. R. Leslie (ed.). Acs symposium series, 522. Pesticides in urban environments: fate and significance* 203rd national meeting of the american chemical society, san francisco, california, usa, april 5-10, 1992. Xii+378p. American chemical society: washington, dc, usa. Isbn 0-8412-2627-x.; 0: 275-281.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Yenigun, O. and Sohtorik, D. (1995). Calculations With the Level Ii Fugacity Model for Selected Organophosphorus Insecticides. *Water air and soil pollution* 84: 175-185.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Yeomans, J. C. and Bremner, J. M. (1985). Denitrification in Soil: Effects of Insecticides and Fungicides. *Soil Biol.Biochem.* 17: 453-456.

Chem Codes: Chemical of Concern:

BM,Y,Captan,TZL,Maneb,MZB,CBF,TBO,PRT,MLN,FNF,FNT,HCCH,THM Code: BACTERIA.

Yeomans, J. C. and Bremner, J. M. (1985). Denitrification in Soil: Effects of Insecticides and Fungicides. *Soil*

- Biology and Biochemistry* 17: 453-456.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Yess, N. J. (1988). Fda Pesticide Program Residues in Foods 1987. *J assoc off anal chem* 71: 156a-174a.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Yess, N. J., Gunderson, E. L., and Roy, R. R. (1993). U.s. Food and Drug Administration Monitoring of Pesticide Residues in Infant Foods and Adult Foods Eaten by Infants/Children. *J aoac int* 76: 492-507.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yildirim, I. and Oezcan, H. (2007). Determination of Pesticide Residues in Water and Soil Resources of Troia (Troy). *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]*. Vol. 16, no. 1, pp. 63-70. 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Yonezawa, M. and Satoh, T. (1990). The Significant Decrease of the Liver Microsomal Carboxylesterase Isozymes Rh1 After Diethylnitrosamine Treatment in Rats. *Seventeenth annual meeting of the japanese society of toxicological sciences, nagoya, japan, june 13-14, 1990. J toxicol sci* 15: 207.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Yoshioka, Y., Mizuno, T., Ose, Y., and Sato, T. (1986). The Estimation for Toxicity of Chemicals on Fish by Physico-Chemical Properties. *Chemosphere* 15: 195-204.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Younglove, T. and Mccool, P. M. (1994). Droplet Size Characterization of Three Aerial Malathion Spray Programs. *Bulletin of environmental contamination and toxicology* 53: 493-500 .
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Younos, T. M. and Weigmann, D. L. (1988). Pesticides a Continuing Dilemma. *J water pollut control fed* 60: 1199-1205.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Yu, S. J. (1996). Insect Glutathione S-Transferases. *Zoological studies* 35: 9-19.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Yukimoto, M. (1982). Studies on Mechanism of Phytotoxicity by Pesticides. *J.Pestic.Sci.* 7: 227-235 (JPN) (ENG ABS).
Chem Codes: EcoReference No.: 25733
 Chemical of Concern: DDVP,CPYM,PHSL,MLN,DZ,MDT,DMT,FNTH,FNT,CPY Code: NON-ENGLISH.
- Yukimoto, M. and Ishitani, A. (1981). Phytotoxicities of Organophosphorus Insecticides to Crops: (Part 6) Nitrogen Contents in Soybean Leaves Applied with Organophosphorus Insecticides. *Bull.Agric.Chem.Insp.Stn.* 21: 50-53 (JPN) (ENG ABS).
Chem Codes: EcoReference No.: 25731
 Chemical of Concern: DMT,DZ,FNT,MLN,FNTH,DDVP,PHSL,CPY,TCF,ACP,MDT Code: NON-ENGLISH.
- Yuknavage, K. L., Fenske, R. A., Kalman, D. A., Keifer, M. C., and Furlong, C. E. (1997). Simulated Dermal Contamination With Capillary Samples and Field Cholinesterase Biomonitoring. *Journal of toxicology and environmental health* 51: 35-55.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yurk, J. J., Barron, M. G., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Mechanism of Species Sensitivity to Organophosphorothioate Insecticides. *13. Annu. Meet. Society of Environmental Toxicology and Chemistry (SETAC 92), Cincinnati (USA), 8-12 Nov 1992; Abstracts.*

- Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Zabotkina, E. A. and Mikryakov, V. R. (1996). The Effect of Carbophos on the Immunocompetent Cells and the Spleen Structure in the Carp *Cyprinus Carpio*. *Tsitologiya* 38: 551-554 (RUS) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Zadrozinska, J. (Determination of Malathion and Malaoxon in Fruits and Vegetables. *Rocz. Panstw. Zakl. Hig.*; 23(1): 23-28; 1972 ; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Zahm, S. H., Weisenburger, D. D., Saal, R. C., Vaught, J. B., Babbitt, P. A., and Blair, A. (1993). The Role of Agricultural Pesticide Use in the Development of Non-Hodgkin's Lymphoma in Women. *Archives of environmental health* 48: 353-358.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zahm, S. Hoar (1997). Mortality Study of Pesticide Applicators and Other Employees of a Lawn Care Service Company. *Journal of occupational and environmental medicine* 39: 1055-1073.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zakaria, M., Mahyudin, A., and Kirton, L. G. (1992). Pests and Diseases of Rattans. Mohd, w. R. W., J. Dransfield and n. Manokaran (ed.). *Malayan forest record, no. 35. A guide to the cultivation of rattan*. Xxiii+293p. *Forest research institute (malaysia): kepong, malaysia. Isbn 983-9595-10-5*. 0: 127-141 .
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Zatsepin, E. P., Churaev, N. N., Uspenskaja, T. A., Tirtz, G. D., and Dubur, G. Y. (1990). Influence of Antioxidants Upon the Membrano-Toxicity of Cholinesterase Inhibitors. *Byulleten Eksperimental'noi Biologii I Meditsiny [BYULL. EKSP. BIOL. MED.]*. Vol. 110, no. 12, pp. 623-624. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Zeiger, E. (Carcinogenicity of Mutagens: Predictive Capability of the Salmonella Mutagenesis Assay for Rodent Carcinogenicity. *Cancer res* 47:1287-1296,1987: *CANCER RES*.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Zeiger, E., Anderson, B., Haworth, S., Lawlor, T., and Mortelmans, K. (Salmonella Mutagenicity Tests. 4.results From the Testing of 300 Chemicals. *Environ mol mutagen* 11(suppl 12):1-158,1988: *ENVIRON MOL MUTAGEN*.
Chem Codes: Chemical of Concern: MLO Code: BACTERIA.
- Zeljezic, Davor and Garaj-Vrhovac, Vera (2002). Sister Chromatid Exchange and Proliferative Rate Index in the Longitudinal Risk Assessment of Occupational Exposure to Pesticides. *Chemosphere* 46: 295-303.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zerba, E. N. (1999). Susceptibility and Resistance to Insecticides of Chagas Disease Vectors. *Medicina (B.Aires)* 59: 41-46.
Chem Codes: Chemical of Concern: DDT,DLD,MLN, Code: REVIEW.
- Zhamsaranova, S. D., Banayeva, S. A., and Baglayev, T. N. (1990). Effects of Pesticides on Formation of Specific T Suppressors. *Gigiena i Sanitariya [GIG. SANIT.]*. no. 9, pp. 72-75. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Zhang, A. and Liu, W. (Inclusion Effect of Alpha-Cyclodextrin on Chemical Degradation of Malathion Water. *Arch environ contam toxicol*. 2008, apr; 54(3):355-62. [*Archives of environmental contamination and toxicology*]: *Arch Environ Contam Toxicol*.
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Zhang, A. P., Luo, F., Chen, S. W., and Liu, W. P. (Effects of Cyclodextrins on Hydrolysis of Malathion. *J environ sci (china)*. 2006; 18(3):572-6. [*Journal of environmental sciences (china)*]: *J Environ Sci (China)*.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zhang Jian-Liang, Qiao Chuan-Ling, and Lan Wen-Sheng (2005). Purification and Some Characteristics of Recombinant Insecticide-Resistant Mosquito Carboxylesterase B1 Expressed in Escherichia Coli. *Enzyme and Microbial Technology* [*Enzyme Microb. Technol.*]. Vol. 36, no. 5-6, pp. 648-653. Apr 2005.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Zhang, Z., Dai, M., Hong, H., Zhou, J. L., and Yu, G. (2002). Dissolved Insecticides and Polychlorinated Biphenyls in the Pearl River Estuary and South China Sea. *Journal of Environmental Monitoring* [*J. Environ. Monit.*]. Vol. 4, no. 6, pp. 922-928. Dec 2002.
Chem Codes: Chemical of Concern: MLN Code: FATE, NO EFFECT.
- Zhou, Jun L., Fileman, Tim W., Evans, Sheila, Donkin, Peter, Mantoura, R. Fauzi C., and Rowland, Steve J. (1996). Seasonal Distribution of Dissolved Pesticides and Polynuclear Aromatic Hydrocarbons in the Humber Estuary and Humber Coastal Zone. *Marine Pollution Bulletin* 32: 599-608.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zhu Xiaoshan, Meng Fanping, He Donghai, and Yang ZHengxian (2004). A Study on the Feasibility of Monitoring Organophosphorus Pesticides in Seawater Using Ache in Marine Fish: Lateolabrax Japonicus (Cuvier). *Transactions of oceanology/Haiyang Huzhao Tongbao* [*Trans. Oceanol. Limnol./Haiyang Huzhao Tongbao*]. no. 1, pp. 68-73. 2004.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Zimmerman, L. R., Strahan, A. P., and Thurman, E. M. (Method of Analysis and Quality-Assurance Practices by the U.s. Geological Survey Organic Geochemistry Research Group-Determination of Four Selected Mosquito Insecticides and a Synergist in Water Using Liquid-Liquid Extraction and Gas Chromatography/Mass Spectrometry. *Govt reports announcements & index (gra&i)*, issue 15, 2004 .
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Zine, E. A., Salghi, R., Bazzi, L., Hormatallah, A., Addi, E. H. A., Oubahou, A. A., and Chaabene, H. (2006). Persistence of Pesticides Applied Pre-Harvest on Citrus Fruits. *Fresenius Environmental Bulletin*, 15 (4) pp. 255-258, 2006.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Zohair, A. (2001). Behaviour of Some Organophosphorus and Organochlorine Pesticides in Potatoes During Soaking in Different Solutions. *Food and Chemical Toxicology* 39: 751-755.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zongmao, C. and Haibin, W. (1988). Factors Affecting Residues of Pesticides in Tea. *Pestic sci* 23: 109-118.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zongmao, C. and Xuefen, C. (1990). Chemical Control of Pests and Diseases in Tea Production in China: Progress and Strategy. *Trop agric* 67: 363-367.
Chem Codes: Chemical of Concern: MLN Code: METHODS .
- Zoun, P. Ef and Spierenburg, T. J. (1989). Determination of Cholinesterase-Inhibiting Pesticides and Some of Their Metabolites in Cases of Animal Poisoning Using Thin-Layer Chromatography. *J chromatogr* 462: 448-453.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Zuin, V. G., Yariwake, J. H., and Bicchi, C. (2003). Fast Supercritical Fluid Extraction and High-Resolution Gas Chromatography With Electron-Capture and Flame Photometric Detection for Multiresidue Screening of Organochlorine and Organophosphorus Pesticides in Brazil's Medicinal Plants. *Journal of*

Chromatography A, 985 (1-2) pp. 159-166, 2003.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Zulin, Zhang, Huasheng, Hong, Xinhong, Wang, Jianqing, Lin, Weiqi, Chen, and Li, Xu (2002). Determination and Load of Organophosphorus and Organochlorine Pesticides at Water From Jiulong River Estuary, China. *Marine Pollution Bulletin* 45: 397-402.

Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.

B. January 2010 Refresh

1967). 1431. Malathion and Carbaryl Teratogenic to Hens. *Food and Cosmetics Toxicology* 5: 827.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1969). 1769. Toxicity Differential in Optically-Active Isomers of Organophosphates: Hassan, A. & Dauterman, W. C. (1968). Studies on the Optically Active Isomers of O,O-Diethyl Malathion and O,O-Diethyl Malaoxon. *Biochem. Pharmac.* 17, 1431. *Food and Cosmetics Toxicology* 7: 388.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1969). 1770. Structure and Activity Among the Malathions and Malaoxons: Chiu, Y. C., Hassan, A., Guthrie, F. E. & Dauterman, W. C. (1968). Studies on a Series of Branched-Chain Analogs of Diethyl Malathion and Malaoxon With Regard to Toxicity and in Vitro Enzymatic Reactions. *Toxic. Appl. Pharmac.* 12, 219. *Food and Cosmetics Toxicology* 7: 388-389.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

1969). 1833. The Malathion Hazard: a Crucial Experiment: Gardner, A. L. & Iverson, R. E. (1968). The Effect of Aerially Applied Malathion on an Urban Population. *Archs Envir. Hlth* 16, 823. *Food and Cosmetics Toxicology* 7: 687.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

1970). 1982. Red Light for Malathion?: Greenberg, J. & Laham, Q. N. (1969). Malathion-Induced Teratisms in the Developing Chick. *Can. J. Zool.* 1969, 47, 539. *Food and Cosmetics Toxicology* 8: 463-464.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

1971). 2207. Organophosphate Potentiation: a New Hazard for Wildlife : Cohen, S.d. & Murphy, S.d. (1970). Comparative Potentiation of Malathion by Triorthotolyl Phosphate in Four Classes of Vertebrates. *Toxic. Appl. Pharmac.* 16, 701. *Food and Cosmetics Toxicology* 9: 744.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1965). 918. Some Progress With the Chick Embryo Technique: Mclaughlin, J., Jr., Marliac, J.-P., Verrett, M. Jacqueline & Fitzhugh, O. G. (1965). Toxicity of Some Food Additive Chemicals as Measured by the Chick Embryo Technique. *Toxic Appl. Pharmac.* 7, 491. Abaza, R., Denney, A., Millar, H. C. & Greenwood, D. A. (1965). Toxicity and Biological Effects of 1,2-Benzpyrene, 1,2,5,6-Dibenzanthracene and 3-Methylcholanthrene in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 478. Ghadiri, M. & Greenwood, D. A. (1965). Toxicity and Biological Effects of Malathion, Phosdrin, and Sevin in the Chick Embryo. *Toxic. Appl. Pharmac.* 7, 484. Marliac, J.-P., Verrett, M. Jacqueline, Mclaughlin, J., Jr. & Fitzhugh, O. G. (1965). A Comparison of Toxicity Data Obtained for Twenty-One Pesticides by the Chicken Embryo Technique With Acute, Oral Ld50's in Rats. *Toxic. Appl. Pharmac.* 7, 490. Khera, K. S., Laham, Q. M. & Grice, H. C. (1965). Toxic Effects Induced by Inoculation of Epn and Systox Into Duck Eggs. *Toxic. Appl. Pharmac.* 7, 488. *Food and Cosmetics Toxicology* 3: 878-879.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

1963). 93. Malathion Toxicity in Second Generation. *Food and Cosmetics Toxicology* 1: 125.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- 1996). Characteristic Levels of Some Pesticides and Heavy Metals in Imported Fish. *Food Chemistry* 57: 487-492.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- 1991). Determination of Insecticides in Water by the Inhibition of Cholinesterase Au - Beutler H-O. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 26-29.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Environmental Protection Agency Registration of Pesticides Containing Chlorpyrifos, Diazinon, and Malathion: Biological Opinion. *Govt Reports Announcements & Index (GRA&I), Issue 07, 2009.*
Chem Codes: Chemical of Concern: MLN Code: MODELING,REVIEW.
- 1990). Fate of Sulfur-Containing Pesticide Degradation Products in Soil and Water Au - Miles Cj. *200th american chemical society national meeting, washington, d.c., Usa, august 26-31, 1990. Abstr pap am chem soc* 200: Agro 47.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Joint Environmental Assessment 1997--2001 of the California Department of Food and Agriculture Curly Top Virus Control Program for Bureau of Land Management and Department of Energy. *Govt reports announcements & index (gra&i), issue 05, 2098.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- List of the Organic Micropollutants Found in Some Fresh Waters, Effluents, Aquatic Plants and Animals, and Bottom Sediments. *Epa/ots; doc #40-7642395.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- 1997). Low Dose Effect of Malathion in Mice. *Food and Chemical Toxicology* 35: 1229.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Mexican Fruit Fly Cooperative Eradication Program: San Bernardino/Riverside Counties, California, Environmental Assessment, August 1999. *Govt reports announcements & index (gra&i), issue 17, 2001.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Prevention Pays for Farmworkers. *Environ health perspect. 2007, jan; 115(1):a28. [Environmental health perspectives]: Environ Health Perspect.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Public Health Assessment for Fmc Corporation Yakima Pit, Yakima, Yakima County, Washington, Region 10. Cerclis No. Wad000643577. *Govt reports announcements & index (gra&i), issue 10, 2094.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.
- Support Document for the Sara Section 110 "Second 100" List (Draft). *Epa/ots; doc #110-881013.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Toxicity Screening Using Microtox (Tm). *Epa/ots; doc #878213668.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Toxicity Screening Using Microtox With Cover Letter. *Epa/ots; doc #fyi-ots-0883-0251.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Toxicological Information About Insecticides Used for Eradicating Mosquitoes (West Nile Virus Control). *Govt reports announcements & index (gra&i), issue 10, 2006.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Toxicological Profile for Malathion. *Govt reports announcements & index (gra&i), issue 13, 2004.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.

- Abdel-Halim, K. Y., Salama, A. K., El-khateeb, E. N., and Bakry, N. M. (2006). Organophosphorus Pollutants (Opp) in Aquatic Environment at Damietta Governorate, Egypt: Implications for Monitoring and Biomarker Responses. *Chemosphere* 63: 1491-1498.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abdul-Ghaffar NUAMA (1997). Transient Diabetes Insipidus Complicating Severe Suicidal Malathion Poisoning. *Journal of Toxicology: Clinical Toxicology*. Vol. 35, no. 2, pp. 221-222. 1997.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Abelentseva GMSedykh AS and Popov, P. V. (1975). Toxicity of Insecticides for Mosquito Culex Pipiens Molestus Larvae. *Med. Parazit. Parazit. Bolezn. Vol. 44, no. 6, pp. 687-690. 1975.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Abiola, F. A., Karimou, M., and Houeto, P. (1991). Cholinesterase Activity in Bovine Ticks and Its Inhibition in Vitro by Organophosphates Acaricids. *Revue de Medecine Veterinaire [REV. MED. VET.]*. Vol. 142, no. 2, pp. 147-152. 1991.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Abo-Amer, A. E. (Involvement of Chromosomally-Encoded Genes in Malathion Utilization by Pseudomonas Aeruginosa Aa112. *Acta microbiol immunol hung. 2007, sep; 54(3):261-77. [Acta microbiologica et immunologica hungarica]: Acta Microbiol Immunol Hung.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Abou-Arab, A. A. K. and Abou Donia, M. A. (2001). Pesticide Residues in Some Egyptian Spices and Medicinal Plants as Affected by Processing. *Food Chemistry* 72: 439-445.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abou-Arab, A. A. K., Kawther, M. Soliman, El Tantawy Me, Badeaa, R. Ismail, and Khayria, N. (1999). Quantity Estimation of Some Contaminants in Commonly Used Medicinal Plants in the Egyptian Market. *Food chemistry* 67: 357-363.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abou-Arab a Ak (Behavior of Pesticides in Tomatoes During Commercial and Home Preparation.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Abraham, S. and Edery, H. (Rapid Spontaneous Reactivation of Cholin Esterase Inhibited by Malaoxon. *Isr j med sci; 12 (12). 1976 (recd 1977) 1524.*
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Abu-El-Sha'R, W. Y. and Gharaibeh, S. H. (1999). Manufacturing and Environmental Applications of Granular Activated Carbon From Processed Solid Residue of Olive Mill Products (Jeft). *Toxicological and Environmental Chemistry*, 68 (1-2) pp. 43-52, 1999.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Acker, C. I., Luchese, C., Prigol, M., and Nogueira, C. W. (Antidepressant-Like Effect of Diphenyl Diselenide on Rats Exposed to Malathion: Involvement of Na+K+ Atpase Activity. *Neurosci Lett. 2009, May 22; 455(3):168-72. [Neuroscience letters].*
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Adachi, K., Ohokuni, N., and Mitsunashi, T. (1984). Simple Analytical Method for Organophosphorus Pesticide Determination in Unpolished Rice, Using Removal of Fats by Zinc Acetate. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 67, no. 4, pp. 798-800. 1984.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ageda, Saori, Fuke, Chiaki, Ihama, Yoko, and Miyazaki, Tetsuji (2006). The Stability of Organophosphorus

- Insecticides in Fresh Blood. *Legal Medicine* 8: 144-149.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Aguera, A., Contreras, M., and Fernandez-Alba, A. R. (1993). Gas Chromatographic Analysis of Organophosphorus Pesticides of Horticultural Concern. *Journal of chromatography a* 655: 293-300.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Aguilar, C., Borrull, F., and Marce, R. M. (1997). Determination of Pesticides in Environmental Waters by Solid-Phase Extraction and Gas Chromatography With Electron-Capture and Mass Spectrometry Detection. *Journal of chromatography a* 771: 221-231.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Aguilar, C., Ferrer, I., Borrull, F., Marce, R. M., and Barcelo, D. (1998). Comparison of Automated on-Line Solid-Phase Extraction Followed by Liquid Chromatography-Mass Spectrometry With Atmospheric Pressure Chemical Ionization and Particle Beam Mass Spectrometry for the Determination of a Priority Group of Pesticides in Environmental Waters. *Journal of chromatography a* 794: 147-163.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Ahmad, N., Bugueno, G., Guo, L., and Marolt, R. (1999). Determination of Organochlorine and Organophosphate Pesticide Residues in Fruits, Vegetables and Sediments. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 34: 829-848.
Chem Codes : Chemical of Concern: MLN Code: METHODS.
- Ahmed, F. E., Hattis, D., Wolke, R. E., and Steinman, D. (1993). Risk Assessment and Management of Chemical Contaminants in Fishery Products Consumed in the Usa. *Journal of applied toxicology* 13: 395-410.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ahmed, T., Tripathi, A. K., Suke, S. G., Kumar, V., Ahmed, R. S., Das, S., and Banerjee, B. D. (Role of Hsp27 and Reduced Glutathione in Modulating Malathion-Induced Apoptosis of Human Peripheral Blood Mononuclear Cells: Ameliorating Effect of N-Acetylcysteine and Curcumin. *Toxicol In Vitro*. 2009, Oct; 23(7):1319-25. [Toxicology in vitro : an international journal published in association with BIBRA].
Chem Codes: Chemical of Concern: MLN Code: IN VITRO,HUMAN HEALTH.
- Aitken, M. D., Heck, P. E., Mines, R. O., and Sherrard, J. H. (1992). Activated Sludge. *Water environ res* 64: 347-359.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT, MODELING.
- Akey, W. C., Russell, T., Alford, C., Morrison, T., and Denning, M. (1997). Will the Toad Croak? An Endangered Species Decision Case. *Journal of natural resources and life sciences education* 26: 148-156.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Akguer, S. A., Oeztuerk, P., Soezmen, E. Y., Delen, Y., Tanyalcin, T., and Ege, B. (1999). Paraoxonase and Acetylcholinesterase Activities in Humans Exposed to Organophosphorous Compounds. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 58, no. 8, pp. 469-474. 1999.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Akio Koizumi, Leslie Hasegawa, Thomas, Imad K., and Toshiko Imamura (1986). Effect of Induction of T-Cell-Dependent Antibody With Sheep Red Blood Cells on P-450-Dependent and -Independent Xenobiotic Metabolizing Enzymes. *Biochemical Pharmacology* 35: 2743-2748.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Al-Rifai, J. and Akeel, N. (1997). Determination of Pesticide Residues in Imported and Locally Produced Honey in Jordan. *Journal of apicultural research* 36: 155-161.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

- Al-Wakil, A. M., Farag, A. B., Yousef, A. M., and Tollan, K. A. (1994). Separation and Preconcentration of Malathion and Azamethiphos by Unloaded Polyurethane Foams. *Qatar university science journal* 14: 14-17.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Albanis, T. A. and Hela, D. G. (1995). Multi-Residue Pesticide Analysis in Environmental Water Samples Using Solid-Phase Extraction Discs and Gas Chromatography With Flame Thermionic and Mass-Selective Detection. *Journal of chromatography a* 707: 283-292.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Albanis, T. A., Hela, D. G., Sakellarides, T. M. , and Konstantinou, I. K. (1998). Monitoring of Pesticide Residues and Their Metabolites in Surface and Underground Waters of Imathia (N. Greece) by Means of Solid-Phase Extraction Disks and Gas Chromatography. *Journal of chromatography a* 823: 59-71.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Albert, A., Gilbertson, M. K., Drouillard, K. G. , Haffner, G. D., and Dixon, B. ([nd]). Contaminant-Induced Immunosuppression in Northern Leopard Frogs (*Rana Pipiens*). *Conference on Great Lakes Research, Winnipeg [Canada], 2-6 Jun 2002* 1-2.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Aldana-Madrid, M. L., Valdez-Hurtado, S., Vargas-Valdez, N. D., Salazar-Lopez, N. J., Silveira-Gramont, M. I., Loarca-PiÑ, A. F. G., RodrÍcuta, Guez-Olibarria, G., Wong-Corral, F. J., Borboa-Flores, J., Burgos-HernÁute, and Ndez, A. (Insecticide Residues in Stored Grains in Sonora, Mexico: Quantification and Toxicity Testing. *Bull environ contam toxicol.* 2008, feb; 80(2):93-6. [*Bulletin of environmental contamination and toxicology*]: *Bull Environ Contam Toxicol*.
Chem Codes: Chemical of Concern: MLN Code: FOOD,SURVEY.
- Aleem, Asma and Malik, Abdul (2005). Genotoxicity of the Yamuna River Water at Okhla (Delhi), India. *Ecotoxicology and Environmental Safety* 61: 404-412.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Alford, A. L. (Supplementary Interpretations of the Nmr Spectra of Phosphorus Pesticides. Au - Keith Lh. *Anal. Chim. Acta*; 44(2), 447-8, 1969; (ref:2).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Alho, C. Jr and Vieira, L. M. (1997). Fish and Wildlife Resources in the Pantanal Wetlands of Brazil and Potential Disturbances From the Release of Environmental Contaminants. *Environmental toxicology and chemistry* 16: 71-74.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Ali, I. and Jain, C. K. (2001). Pollution Potential of Pesticides in the Hindon River, India. *Journal of Environmental Hydrology [J. Environ. Hydrol.]*. Vol. 9, [np]. 2001.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Ali, K. H. and Wheelock, J. V. (1973). Persistence of Pesticides in River Water. *Int. J. Environ. Stud.* Vol. 5, no. 1, pp. 63-64. 1973.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Allen, S. E., Parkinson, J. A., and Rowland, A. P. (1989). Pollutants. *Allen, s. E. (Ed.). Chemical analysis of ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa Oxford, england, uk.* Illus. Isbn 0-632-01742-2.; 0: 201-239.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Alomenu, H. S. (1985). Current Trends in African Migratory Locust *Locusta-Migratoria-Migratorioides* Plague Prevention. *Outlook agric* 14: 165-173.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Altstein, M., Segev, G., Aharonson, N., Ben-Aziz, O., Turniansky, A., and Avnir, D. (1998). Sol-Gel-Entrapped Cholinesterases: a Microtiter Plate Method for Monitoring Anti-Cholinesterase Compounds. *Journal of agricultural and food chemistry* 46: 3318-3324.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Amaraneni, S. R. and Pillala, R. R. (2001). Concentrations of Pesticide Residues in Tissues of Fish From Kolleru Lake in India. *Environmental Toxicology [Environ. Toxicol.]*. Vol. 16, no. 6, pp. 550-556. 2001.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Anderson, J. F. and Glowa, W. (1984). Insecticidal Poisoning of Honey Bees in Connecticut. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 13, no. 1, pp. 70-74. 1984.

Chem Codes: Chemical of Concern: MLN Code: INCIDENT.

Anderson, M. and Barrett, C. (1991). International Conference on Critical Target Genes in Chemical Carcinogenesis Research Triangle Park North Carolina Usa September 10-14 1989. *Environ health perspect* 93: 3-277.

Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Andrade, C. F. S. (1990). Evaluation of the Sensitivity of the Adult Culex Quinquifasciatus Say to Chemical Insecticides. *REV. SAUDE PUBL. SAO PAULO*. Vol. 24, no. 4, pp. 259-264. 1990.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Angelidis, M. O., Markantonatos, P. G., Bacalis, N. C., and Albanis, T. A. (1996). Seasonal Fluctuations of Nutrients and Pesticides in the Basin of Evrotas River, Greece. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 31: 387-410.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Anon (1994). Dengue Control Programme in Malaysia. *Kaohsiung journal of medical sciences* 10: S113-s115.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Anon (1986). The Fuller Rose Beetle Pantomorus-Cervinus. *Citrograph* 71: 112-113.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (1997). The Japan-Israel Workshop on Novel Approaches for Controlling Insect Pests and Plant Diseases, the Binational Plant Protection Cooperation, Kibbutz Ma'ala Hahamisha, Israel, July 12-17, 1997. *Phytoparasitica* 25: 345-366.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (1988). Medfly in Los Angeles California Usa a Return Engagement. *Citrograph* 73: 216.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Anon (Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 11-20.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Anon. (1992). Tentative Guidelines for Testing the Bioavailability and Toxicological Potential of Grain-Bound Pesticide Residues. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B: PESTIC., FOOD CONTAM., AGRIC. WASTES]*. Vol. B27, no. 4, pp. 427-431. 1992.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Anonymous (1983). Malathion. *IARC Monogr.on the Evaluation of the Carcinogenic Risk of Chemicals to Humans* 30: 103-129.

Chem Codes: EcoReference No.: 90108
Chemical of Concern: MLN,MLO Code: REVIEW.

Ansari, M. I. and Malik, A. (Genotoxicity of Agricultural Soils in the Vicinity of Industrial Area. *Mutat Res.* 2009, Mar 17; 673(2):124-32. [*Mutation research*].

Chem Codes: Chemical of Concern: MLN Code : BACTERIA,EFFLUENT.

Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1980). Effects of Insecticides on Thermotropic Lipid Phase Transitions. *Pesticide Biochemistry and Physiology* 14: 161-169.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Antunes-Madeira, M. C., Carvalho, A. P., and Madeira, Vitor M. C. (1981). Interactions of Insecticides With Erythrocyte Membranes. *Pesticide Biochemistry and Physiology* 15: 79-89.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Antunes-Madeira, M. C. and Madeira, V. Mc (1987). Partition of Malathion in Synthetic and Native Membranes. *Biochim biophys acta* 901: 61-66.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Antunes-Madeira, M. C. and Madeira, Vitor M. C. (1982). Interaction of Insecticides With the Ca²⁺-Pump Activity of Sarcoplasmic Reticulum. *Pesticide Biochemistry and Physiology* 17: 185-190.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Antunes-Madeira, M. Dc and Madeira, V. Mc (1989). Membrane Partitioning of Organophosphorus and Organochlorine Insecticides and Its Implications for Mechanisms of Toxicity. *Pestic sci* 26: 167-180.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Antunes-Madeira, M. Dc, Videira, R. A., Lopes, V., and Madeira, V. Mc (1996). Toxicity of Organophosphorus Insecticides: Alteration of Membrane Fluidity. *Medical science research* 24: 753-756.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Anyanwu, G. I., Davies, D. H., Molyneux, D. H., and Phillips, A. (1997). Variation in Cuticular Hydrocarbons Among Strains of Anopheles (Cellia) Stephensi Liston Possibly Related to Prior Insecticide Exposure. *Annals of tropical medicine and parasitology* 91: 649-659 .

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Aplada-Sarlis, P., Malatou, P. T., Miliadis, G. E., and Liapis, K. S. (1997). Residues of Organophosphorous and Organochlorine Pesticides in Raw Agricultural Products of Plant Origin Imported in Greece. *Annales de l'institut phytopathologique benaki* 18: 41-52 .

Chem Codes: Chemical of Concern: MLN Code: SURVEY, NO SPECIES (DEAD).

Archer, T. E. (Decontamination of Malathion of Ladino Clover Seed Screenings. *Poultry sci.*; 48(6): 2075-80, 1969; (ref:17).

Chem Codes: Chemical of Concern: MLO Code : METHODS.

Archer, T. E. (Malathion Residues on Ladino Clover Seed Screenings Exposed to Ultraviolet Irradiation. *Bull. Environ. Contam. Toxicol.*; 6(2): 142-3 1971.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Arcury, T. A., Grzywacz, J. G., Barr, D. B., Tapia, J., Chen, H., and Quandt, S. A. (Pesticide Urinary Metabolite Levels of Children in Eastern North Carolina Farmworker Households. *Environ health perspect.* 2007, aug; 115(8):1254-60. [*Environmental health perspectives*]: *Environ Health Perspect.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Ares, Jorge O., Del Valle, Hector F., and Olinuck, Jose A. (2006). Exploring Improved Pesticide Management in

- Sub-Tropical Environments With Gis-Supported Fate Modeling. *Agricultural Systems* 91: 189-210.
Chem Codes: Chemical of Concern: MLN Code : FATE, MODELING.
- Arita, T. (1994). Elution Patterns of Post-Harvest Application Pesticides From Noodles During the Boiling Process. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 35, no. 1, pp. 34-40. 1994.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Arshad, J. H. and Salehuddin, A. N. (1988). Persistence of Carbon-14 Malathion Residues in Stored Milled Rice. *Pertanika* 11: 73-78.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Arthur, F. (1988). Evaluation of Trimethacarb as a Protectant of Stored Peanuts. *J entomol sci* 23: 264-268.
Chem Codes: Chemical of Concern: MLN Code: NO EFFECT.
- Arthur, F. H. (1996). Grain Protectants: Current Status and Prospects for the Future. *Journal of stored products research* 32: 293-302.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Artiola, J. F. (1996). Waste Disposal. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa* London, england, uk. Isbn 0-12-550660-0.; 0: 135-149.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Arzone, A. and Patetta, A. (1983). Research on the Action of Malathion, Neostanox, Permethrin, Tartar Emetic and Triforine on Honey Bees.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ashby, J. and Tennant, R. W. (Chemical Structure, Salmonella Mutagenicity and Extent of Carcinogenicity as Indicators of Genotoxic Carcinogenesis Among 222 Chemicals Tested in Rodents by the U.s. Nci/Ntp. *Mutat res* 204:17-115,1988: *MUTAT RES*.
Chem Codes: Chemical of Concern: MLO Code : REVIEW.
- Assie, L. K., Brostaux, Y., and Haubruge, E. (2008). Density-dependent reproductive success in *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Journal of Stored Products Research* 44: 285-289.
Chem Codes: Chemical of Concern: MLN Code : NO TOXICANT.
- Atkinson, R. (1990). Atmospheric Reaction Pathways and Lifetimes for Organophosphorus Compounds Au - Winer Am. Kurtz, d. A. (Ed.). *Long range transport of pesticides* 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: 115-126.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Atkinson, R., Guicherit, R., Hites, R. A., Palm, W. U., Seiber, J. N., and De Voogt P (1999). Transformations of Pesticides in the Atmosphere: a State of the Art. *Water air and soil pollution* 115: 219-243.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Awany, N. M., El Fouly Mz, El-Hawa, M. A., and Zeid, A. Aa (1996). Effect of Malathion on Certain Beneficial Microbial Activities in Egyptian Soils. *Egyptian journal of microbiology* 31: 1-12.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ayub, Sadia, Verma, Jyotsna, and Das, Nibhriti (2003). Effect of Endosulfan and Malathion on Lipid Peroxidation, Nitrite and Tnf-[Alpha] Release by Rat Peritoneal Macrophages. *International Immunopharmacology* 3: 1819-1828.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Babaian, G. A. (1986). Scale Insects of Stone Fruit Crops and Control Measures Against Them. *Boll.Lab.Entomol.Agrar.Filippo Silvestri* 43: 133-138.

Chem Codes: Chemical of Concern: PYT,PMR,MLN,DZ Code: NO TOX DATA.

Babich, H. and Borenfreund, E. (Applications of the Neutral Red Cytotoxicity Assay to Risk Assessment of Aquatic Contaminants an Overview. *Landis, w. G., J. S. Hughes and m. A. Lewis (ed.). Astm (american society for testing and materials) special technical publication, no. 1179. Environmental toxicology and risk assessment; first symposium, atlantic city, new jersey, usa, april 14-16, 1991. Vi+431p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-1860-0.; 0 (0). 1993. 215-229.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Babich, H., Rosenberg, D. W., and Borenfreund, E. (1991). In Vitro Cytotoxicity Studies With the Fish Hepatoma Cell Line, Plhc-1 (Poeciliopsis Lucida). *Ecotoxicology and Environmental Safety* 21: 327-336.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Baerg, Roger J., Barrett, Michael, and Polge, Nicholas D. (1996). Insecticide and Insecticide Metabolite Interactions With Cytochrome P450 Mediated Activities in Maize. *Pesticide Biochemistry and Physiology* 55: 10-20.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Baez, M. E., Rodriguez, M., Lastra, O., and Contreras, P. (1997). Solid Phase Extraction of Organophosphorus, Triazine, and Triazole-Derived Pesticides From Water Samples. A Critical Study. *Hrc journal of high resolution chromatography* 20: 591-596.

Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.

Baffi, Milla Alves, de Souza, Guilherme Rocha Lino, de Sousa, Cristina Soares, Ceron, Carlos Roberto, and Bonetti, Ana Maria (2008). Esterase enzymes involved in pyrethroid and organophosphate resistance in a Brazilian population of Rhipicephallus (Boophilus) microplus (Acari, Ixodidae). *Molecular and Biochemical Parasitology* 160: 70-73.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Bagheri, H., Brouwer, E. R., Ghijsen, R. T., and Brinkman, U. At (1993). On-Line Low-Level Screening of Polar Pesticides in Drinking and Surface Waters by Liquid Chromatography-Thermospray Mass Spectrometry. *9th montreux symposium on liquid chromatography-mass spectrometry, supercritical fluid chromatography-mass spectrometry, capillary zone electrophoresis-mass spectrometry and tandem mass spectrometry, montreux, switzerland, november 4-6, 1992. J chromatogr* 647: 121-129.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Bai, S. G. (1964). Persistence of Malathion Residues on Treated Foodgrains Under Different Conditions of Storage and Processing. *In: S.K.Majunder (Ed.), Symposium on Pesticides, Academy of Pest Control Sciences, Mysore, India* 310-315.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci/Ntp-Screened Chemicals. Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis : Carcinogenesis* 13: 1437-1445.

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci-Screened Chemicals: Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis (eynsham)* 13: 1437-1445.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Baker, J. E., Fabrick, J. A., and Zhu, K. Y. (1998). Characterization of Esterases in Malathion-Resistant and Susceptible Strains of the Pteromalid Parasitoid Anisopteromalus Calandrae. *Insect Biochemistry and*

- Molecular Biology* 28: 1039-1050.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Balabaskaran, S. and Ganendran, A. (Clinical Significance of Pyridine 2 Aldoxime Methiodide as a Reactivator of Organo Phosphate Inhibited Human Cholin Esterases. *Clin chem*; 21 (7). 1975 1020.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Balayannis, P. G. and Santas, L. A. (1992). Dissipation of Malathion and Fluvalinate Residues From Honey. *J apic res* 31: 70-76.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Balluz, Lina S., Philen, Rossanne M., Brock, John, Falter, Kenneth, Kiefer, Max, Hart, Rebecca, and Hill, Robert H. (2000). Health Complaints Related to Pesticide Stored at a Public Health Clinic. *Environmental Research* 82: 1-6.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Banerjee, B. D., Seth, V., Bhattacharya, A., Pasha, S. T., and Chakraborty, A. K. (1999). Biochemical Effects of Some Pesticides on Lipid Peroxidation and Free-Radical Scavengers. *Toxicology letters (shannon)* 107: 33-47.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Barber, D., Correll, L., and Ehrich, M. *. (1999). Comparative Effectiveness of Organophosphorus Protoxicant Activating Systems in Neuroblastoma Cells and Brain Homogenates. *Journal of Toxicology and Environmental Health, Part A [J. Toxicol. Environ. Health, A]*. Vol. 57, no. 1, pp. 63-74. 1999.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Barbosa, F. R., Yokoyama, M., Pereira, P. A. A., and Zimmermann, F. J. P. (2002). Control of the Mexican Bean Weevil Zabrotes Subfasciatus With Vegetable Oils, Trashing Residues, Inert Materials and Malathion. *Pesquisa Agropecuaria Brasileira*, 37 (9) pp. 1213-1217, 2002.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Barcelo, D. (1988). Application of Thermospray Liquid Chromatography-Mass Spectrometry for Determination of Organophosphorus Pesticides and Trialkyl and Triaryl Phosphates. *Biomed environ mass spectrom* 17: 363-370.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Barcelo, D. (1988). A Review of Liquid Chromatography in Environmental Pesticide Analysis. *Chromatographia* 25: 928-936.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Barcelo, D., Chiron, S., Lacorte, S., Martinez, E., Salau, J. S., and Hennion, M. C. (1994). Solid-Phase Sample Preparation and Stability of Pesticides in Water Using Empore Disks. *Trends in analytical chemistry* 13: 352-361.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Barik, S. (1984). Metabolism of Insecticides by Microorganisms. *Lal, r. (Ed.). Insecticide microbiology*. Xvi+268p. Springer-verlag: berlin, west germany New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 87-130.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Barik, Sudhakar, Munnecke, Douglas M., and Fletcher, John S. (1984). Bacterial Degradation of Three Dithioate Pesticides. *Agricultural Wastes* 10: 81-94.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Baris, D., Zahm, S. H., Cantor, K. P., and Blair, A. (1998). Agricultural Use of Ddt and Risk of Non-Hodgkin's

- Lymphoma: Pooled Analysis of Three Case-Control Studies in the United States. *Occupational and environmental medicine* 55: 522-527.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Barker, P. S. (1988). The Entomological Problems of Wheat in the Canadian Prairies. *Selected papers from the second international symposium of french-speaking entomologists, trois-rivieres, quebec, canada, july 6-9, 1986. Nat can (que)* 115: 229-234.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Barker, Philip S. and Vaisey, Marion (1973). Effect of Storage Condition and Time on the Odor of Malathion-Treated Wheat. *Journal of Stored Products Research* 9: 171-180.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Barnabas, I. J., Dean, J. R., Hitchen, S. M., and Owen, S. P. (1994). Selective Extraction of Organochlorine and Organophosphorus Pesticides Using a Combined Solid Phase Extraction-Supercritical Fluid Extraction Approach. *Analytica chimica acta* 291: 261-267.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Barr, D. B., Barr, J. R., Driskell, W. J., Hill, R. H Jr, Ashley, D. L., Needham, L. L., Head, S. L., and Sampson, E. J. (1999). Strategies for Biological Monitoring of Exposure for Contemporary-Use Pesticides. *Toxicology and industrial health* 15: 168-179.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Barre, A. C., Tamo, M., and Odjo, A. T. (Impact of Two Insecticides on the Parasitoids of the Leaf Miner Liriomyza Trifolii Burgess Diptera Agromyzidae on Cowpea Vigna Unguiculata Walp in Southern Benin. Robertson, h. G. (Ed.). *Insects in african economy and environment; joint congress of the entomological society of southern africa (11th congress) and the african association of insect scientists (12th congress), stellenbosch, south africa, june 30-july 4, 1997. 255p. Entomological society of southern africa: pretoria, south africa. Isbn 0-620-21415-5.; 0 (0). 1997. 64.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Barrett, M. R. (1996). The Environmental Impact of Pesticide Degradates in Groundwater. Meyer, m. T. And e. M. Thurman (ed.). *Acs symposium series, 630. Herbicide metabolites in surface water and groundwater Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. X+318p. American chemical society: washington, dc, usa. Isbn 0-8412-3405-1.; 630: 200-225.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bartha, R., Lanzillota, R. P., and Pramer, D. (1967). Stability and Effects of Some Pesticides in Soil. *Appl.Microbiol.* 15: 67-75.
Chem Codes: Chemical of Concern:
AND,ATZ,DDT,DLD,Du,EN,EPTC,LNR,MLN,MXC,PRN,CBL,SZ,PRT Code: NO SPECIES.
- Basol, M. S., Eren, S., and Sadar, M. H. (1980). Comparative Toxicity of Some Pesticides on Human Health and Some Aquatic Species. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. ENVIRON. SCI. HEALTH, PART B.]*. Vol. 15, no. 6, pp. 993-1004. 1980.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Bates, C. (Novel Formulations for Locust and Grasshopper Control. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994. Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).; 0 (0). 1994. 977-980.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Batkin, T. A. (1995). Impact of the Mediterranean Fruit Fly *Ceratitis Capitata* Wiedemann on California Agriculture. *Heitz, j. R. And k. R. Downum (ed.). Acs symposium series, 616. Light-activated pest control Symposium* held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-6, 1995. Viii+279p. American chemical society: washington, dc, usa. Isbn 0-8412-3334-9.; 616: 70-81.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Baumann, R. A., Brinkman, U. At, and Van Zoonen P (1993). On-Line Combination of Automated Micro Liquid-Liquid Extraction and Capillary Gas Chromatography for the Determination of Pesticides in Water. *Au - Van Der Hoff Gr. J chromatogr* 644: 367-373.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Baumann, R. A., Luttik, R., and Gerritsen, R. (Bestrijdingsmiddelen in Oppervlaktewater Van De Hogeveense Polder (1989/'90) (Pesticides in Surface Water of the Hogeveense Polder (1989/'90)). *Govt reports announcements & index (gra&i), issue 01, 2093.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH,FATE.
- Bavcon Kralj, M., Franko, M., and Trebse, P. (Photodegradation of Organophosphorus Insecticides - Investigations of Products and Their Toxicity Using Gas Chromatography-Mass Spectrometry and Ache-Thermal Lens Spectrometric Bioassay. *Chemosphere. 2007, feb; 67(1):99-107. [Chemosphere]: Chemosphere.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bavcon, M., Trebse, P., and Zupancic-Kralj, L. (Investigations of the Determination and Transformations of Diazinon and Malathion Under Environmental Conditions Using Gas Chromatography Coupled With a Flame Ionisation Detector. *Chemosphere. 2003, feb; 50(5):595-601. [Chemosphere]: Chemosphere.*
Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Beeson, D. R., Lewis, M. C., Powell, J. M., and Nimmo, D. R. (1998). Effect of Pollutants on Freshwater Organisms. *Water environment research* 70: 921-931.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Behki, R. M. (1994). Degradation of Thiocarbamate Herbicides and Organophosphorus Insecticides by Rhodococcus Species. *Chaudhry, g. R. (Ed.). Biological degradation and bioremediation of toxic chemicals. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 234-255.*
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, FATE.
- Belfroid, A. C., Van Drunen M, Beek, M. A., Schrap, S. M., Van Gestel C Am, and Van Hattum B (1998). Relative Risks of Transformation Products of Pesticides for Aquatic Ecosystems. *Science of the total environment* 222: 167-183.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Bell, Christopher H. (1991). Activity Rhythms Linked With Foraging Behaviour in Insecticide-Resistant and Susceptible Strains of *Oryzaephilus Surinamensis* (Coleoptera: Silvanidae). *Journal of Stored Products Research* 27: 171-177.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Bell, J. P. and Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Biomass Adsorption. *J water pollut control fed* 59: 191-198.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Bell, J. P. and Tsezos, M. (1988). The Selectivity of Biosorption of Hazardous Organics by Microbial Biomass. *Water res* 22: 1245-1252.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Beltran, J., Lopez, F. J., Cepria, O., and Hernandez, F. (1998). Solid-Phase Microextraction for Quantitative

- Analysis of Organophosphorus Pesticides in Environmental Water Samples. *Journal of chromatography a* 808: 257-263.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bender, M. E. (1968). The Effect of Malathion on Fishes. *Ph.D.Thesis, University of Michigan, Ann Arbor, MI* 97 p.(Publ As 901, 2163).
Chem Codes: Chemical of Concern: MLN Code: PUBL AS.
- Benfenati, E., Tremolada, P., Chiappetta, L., Frassanito, R., Bassi, G., Di Toro N, Fanelli, R., and Stella, G. (1990). Simultaneous Analysis of 50 Pesticides in Water Samples by Solid Phase Extraction and Gc-Ms. *Chemosphere* 21: 1411-1422.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Benigni, R. (1991). The Ability of Short-Term Tests to Predict Carcinogenicity Can Be Summarized in a Single Index. *J toxicol environ health* 34: 27-38.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Benigni, R. (Analysis of the National Toxicology Program Data on in Vitro Genetic Toxicity Tests Using Multivariate Statistical Methods. *Mutagenesis* 4:412-419,1989: *MUTAGENESIS*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Benigni, R. (1989). A Bootstrap Analysis of Four in-Vitro Short-Term Test Performances. *Mutat res* 216: 127-136.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Benigni, R., Andreoli, C., and Giuliani, A. (Structure-Activity Studies of Chemical Carcinogens: Use of an Electrophilic Reactivity Parameter in a New Qsar Model. *Carcinogenesis(london)* 10:55-61,1989: *CARCINOGENESIS(LONDON)*.
Chem Codes: Chemical of Concern: MLO Code: QSAR.
- Bennett, D. A., Chung, A. C., and Lee, S. M. (1997). Multiresidue Method for Analysis of Pesticides in Liquid Whole Milk. *Journal of aoac international* 80: 1065-1077.
Chem Codes : Chemical of Concern: MLN Code: NO TOX DATA.
- Bentur, Y., Raikhlin-Eisenkraft, B., and Singer, P. (2003). Beneficial Late Administration of Obidoxime in Malathion Poisoning. *Veterinary and Human Toxicology [Vet. Hum. Toxicol.]. Vol. 45, no. 1, pp. 33-35. Feb 2003.*
Chem Codes: Chemical of Concern: MLN Code: INCIDENT, HUMAN HEALTH.
- Berkelhammer, G. (1998). The Discovery of the Imidazolinone Herbicides From the Perspective of a Discovery Chemistry Manager. *Baker, d. R., Et al. (Ed.). Acs symposium series, 686. Synthesis and chemistry of agrochemicals, v Acs national meetings, washington, d.c., Usa, august 1994 and san francisco, california, usa, 1997. Xii+339p. American chemical society: washington, dc, usa. Isbn 0-8412-3546-5.; 686: 17-22.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Berkman, C. E., Quinn, D. A., and Thompson, C. M. (1993). Interaction of Acetylcholinesterase With the Enantiomers of Malaoxon and Isomalathion. *Chem res toxicol* 6: 724-730.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Berkman, C. E., Ryu, S., Quinn, D. A., and Thompson, C. M. *. (1993). Kinetics of the Postinhibitory Reactions of Acetylcholinesterase Poisoned by Chiral Isomalathion: a Surprising Nonreactivation Induced by the Rp Stereoisomers. *Chemical Research in Toxicology [CHEM. RES. TOXICOL.]. Vol. 6, no. 1, pp. 28-32. 1993.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Berkman, C. E. and Thompson, C. M. (1992). Synthesis and Stereoselective Anticholinesterase Potency of

- Isomalathion Stereoisomers. 203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. *Abstr pap am chem soc* 203: Agro44.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Berkman, C. E., Thompson, C. M., and Perrin, S. R. (1993). Synthesis, Absolute Configuration, and Analysis of Malathion, Malaoxon, and Isomalathion Enantiomers. *Chem res toxicol* 6: 718-723.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Berkman, Clifford E. and Thompson, Charles M. (1992). Synthesis of Chiral Malathion and Isomalathion. *Tetrahedron Letters* 33: 1415-1418.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bernard, C. B. and Philogene, B. Jr (1993). Insecticide Synergists Role Importance and Perspectives. *J toxicol environ health* 38: 199-223.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Bester, K. and Huehnerfuss, H. (1997). Improvements of a Combined Size Exclusion Chromatography and Solid Phase Extraction Approach for the Clean-up of Marine Sediment Samples for Trace Analysis of Pesticides. *Fresenius' journal of analytical chemistry* 358: 630-634.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Bevenue, A., Ogata, J. N., and Beckman, H. (The Effect of the Column Support Material on the Gas Chromatographic Resolution of Methyl Parathion, Ethyl Parathion, Ethyl Paraaxon, Malathion, and Malaoxon. *J chromatogr.* 1968, may 21; 35(1):17-23. [*Journal of chromatography*]: *J Chromatogr.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Beyer, W. N. (1990). Evaluating Soil Contamination. *U s fish wildl serv biol rep* 90: I-viii, 1-25.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Beyers, D. W., Carlson, C. A., and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 10, no. 11, pp. 1425-1429. 1991.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bezbaruah, B., Bora, T., and Saikia, N. (1999). Ureolytic Nitrification Activities in Forest and Tea (Camellia Sinensis) Plantation Soils and Evaluation of Ureolytic Nitrifier Sensitivity to Pesticides. *Indian journal of agricultural sciences* 69: 24-29.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bezbaruah, B. and Saikia, N. (1990). Pesticide Influence of Sulfur Oxidation in Soil and Bacterial Isolates. *Indian j agric sci* 60: 406-410.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bezbaruah, B., Saikia, N., and Bora, T. (1995). Effect of Pesticides on Most Probable Number of Soil Microbes From Tea (Camellia Sinensis) Plantations and Uncultivated Land Enumerated in Enrichment Media. *Indian journal of agricultural sciences* 65: 578-583.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bhagwat, V. M. and Ramachandran, B. V. (Enzymic Hydrolysis of Malaoxon by Mouse Liver Homogenates. *Biochemical pharmacology*, vol. 24, no. 21, pages 2002-2003, 8 references, 1975
Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Bhagwat, Vasanti M. and Ramachandran, Bhikshander V. (1975). Malathion a and B Esterases of Mouse Liver--I : Separation and Properties. *Biochemical Pharmacology* 24: 1713-1717.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Bhat, R. V. and Moy, G. G. (1997). Monitoring and Assessment of Dietary Exposure to Chemical Contaminants. *World health statistics quarterly* 50: 132-149.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Bhatnagar, A., Parihar, N. S., Gupta, A., and Singh, B. (1997). Pesticide Residues in Farmgate Samples of Tomato. *Indian journal of plant protection* 25: 88-89.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Bhatwat, V. M. and Ramachandran, B. V. (Estimation of Malaoxon in the Presence of Malathion by the Ferric Hydroxamate Method. *J assoc off anal chem*; 57 (5). 1974 1043-1045 .
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Bhushan, B. and Hoondal, G. S. (1999). Effect of Fungicides, Insecticides and Allosamidin on a Thermostable Chitinase From Bacillus Sp. Bg-11. *World journal of microbiology & biotechnology* 15: 403-404.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Bhushan, R., Thapar, S., and Mathur, R. P. (1997). Accumulation Pattern of Pesticides in Tropical Fresh Waters. *Biomedical chromatography* 11: 143-150.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bicchi, C., D'amato, A., and Balbo, C. (1997). Multiresidue Method for Quantitative Gas Chromatographic Determination of Pesticide Residues in Sweet Cherries. *Journal of aoac international* 80: 1281-1286.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bicchi, C., D'amato, A., and Binello, A. (1996). Identification of Pesticide Residues in Real Matrices by Combining Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 19: 80-84.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bicchi, C., D'amato, A., and Orlandin, M. (1994). Identification of the Constituents of a Complex Mixture by Combined Use of Retention Indices and Specific Multidetector Responses. *Hrc journal of high resolution chromatography* 17: 335-338.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Bierut, L. J., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O. F., Swan, G. E., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Goate, A. M., Hinrichs, A. L., Konvicka, K., Martin, N. G., Montgomery, G. W., Saccone, N. L., Saccone, S. F., Wang, J. C., Chase, G. A., Rice, J. P., and Ballinger, D. G. (Novel Genes Identified in a High-Density Genome Wide Association Study for Nicotine Dependence. *Hum mol genet.* 2007, jan 1; 16(1):24-35. [*Human molecular genetics*]: *Hum Mol Genet*.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Biros, F. J. (*Residue rev*; 40. 1971 1-63.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Bishop, C. A., Mahony, N. A., Struger, J., Ng, P., and Pettit, K. E. (1999). Anuran Development, Density and Diversity in Relation to Agricultural Activity in the Holland River Watershed, Ontario, Canada (1990-1992). *Environmental monitoring and assessment* 57: 21-43.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Bladek, J., Rostkowski, A., and Miszczak, M. (1996). Application of Instrumental Thin-Layer Chromatography and Solid-Phase Extraction to the Analyses of Pesticide Residues in Grossly Contaminated Samples of Soil. *Journal of chromatography a* 754: 273-278.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Blaha, J. J. and Jackson, P. J. (1985). Multiresidue Method for Quantitative Determination of Organophosphorus

Pesticides in Foods. *J assoc off anal chem* 68: 1095-1099.

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Blancato, J. N., Power, F. W., Brown, R. N., and Dary, C. C. (Exposure Related Dose Estimating Model (Erdem): a Physiologically-Based Pharmacokinetic and Pharmacodynamic (Pbpb/Pd) Model for Assessing Human Exposure and Risk. *Govt reports announcements & index (gra&i)*, issue 25, 2006.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.

Blasiak, J., Jalszynski, P., Trzeciak, A., and Szyfter, K. (1999). In Vitro Studies on the Genotoxicity of the Organophosphorus Insecticide Malathion and Its Two Analogues. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis [Mutat. Res.-Genet. Toxicol. Environ. Mutag.]*. Vol. 445, no. 2, pp. 275-283. 30 Sep 1999.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO, HUMAN HEALTH.

Blasiak, J. and Stakowska, D. (2001). Genotoxicity of Malaoxon: Induction of Oxidized and Methylated Bases and Protective Effect of Alpha -Tocopherol. *Pesticide Biochemistry and Physiology [Pestic. Biochem. Physiol.]*. Vol. 71, no. 2, pp. 88-96. Oct 2001.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Blasiak, J. and Walter, Z. (1992). Protective Action of Cholesterol Against Changes in Membrane Fluidity Induced by Malathion. *Annual meeting of the polish biochemical society, lublin, poland, september 1991. Acta biochim pol* 39: 49-52.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Blus, L. J. and Henny, C. J. (1997). Field Studies on Pesticides and Birds: Unexpected and Unique Relations. *Ecological applications* 7: 1125-1132.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Bo Nielsen, J., Ahm SØ, Rensen, J., and Nielsen, F. (:315-23 [Journal of toxicology and environmental health). The Usual Suspects-Influence of Physicochemical Properties on Lag Time, Skin Deposition, and Percutaneous Penetration of Nine Model Compounds. *J Toxicol Environ Health A*. 2009 72: Part A].

Chem Codes: Chemical of Concern: MLN Code: MODELING,HUMAN HEALTH.

Boleas, S., Carbonell, G., Fernandez, C., Carballo, M., Ortiz, J. A., and Tarazona, J. V. (1998). Comparison Between Stress Response and Toxicant Exposure Biomarkers in Gilthead Sea Bream Sparus Aurata L. Exposed to Cadmium Malathion and-or Arochlor 1254. *Ninth international symposium on pollutant responses in marine organisms, bergen, norway, april 27-30, 1997. Marine environmental research* 46: 122-123.

Chem Codes: Chemical of Concern: MLN Code : ABSTRACT.

Bollag, J. M. and Liu, S. Y. (1990). Biological Transformation Processes of Pesticides. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 169-212.*

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Bond, J. A. and Bradley, B. P. (1993). The Relative Sensitivity of Daphnia-Magna to Environmental Stressors After Induction of Stress Proteins. *Sixth international symposium on responses of marine organisms to pollutants, part 2, woods hole, massachusetts, usa, april 24-26, 1991. Mar environ res* 35: 223.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Bond, J. A., Bradley, B. P., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Demonstration of an Inducible Protective Response in Daphnia Magna. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.*

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Bondarenko, S. and Gan, J. *. (2004). Degradation and Sorption of Selected Organophosphate and Carbamate Insecticides in Urban Stream Sediments. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 23, no. 8, pp. 1809-1814. Aug 2004.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bondarenko, S., Gan, J., Haver, D. L., and Kabashima, J. N. (2004). Persistence of Selected Organophosphate and Carbamate Insecticides in Waters From a Coastal Watershed. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 23, no. 11, pp. 2649-2654. Nov 2004.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Bondareva, N. I. and Khairtudinov, D. G. (1983). On the Susceptibility of Three Species of Anopheles to Ddt and Malathion in Tajikistan. *Meditsinskaya Parazitologiya i Parazitarnye Bolezni [MED. PARAZITOL. PARAZIT. BOLEZN.]*. Vol. 52, no. 6, pp. 67-69. 1983.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Bonner, M. R., Coble, J., Blair, A., Beane Freeman, L. E., Hoppin, J. A., Sandler, D. P., and Alavanja, M. C. (Malathion Exposure and the Incidence of Cancer in the Agricultural Health Study. *Am j epidemiol*. 2007, nov 1; 166(9):1023-34. [*American journal of epidemiology*]: *Am J Epidemiol*.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Bookhout, C. G. and Costlow, J. D. Jr. (1976). Effects of Mirex, Methoxychlor, and Malathion on Development of Crabs. *EPA-600/3-76-007, U.S.EPA, Gulf Breeze, FL* 85 p.(U.S.NTIS PB-252007) (Publ As 2690, 2662, 7331, 654, 7447).
Chem Codes: Chemical of Concern: MLN Code : PUBL AS.
- Bordas, A. C., Brady, M. S., Siewierski, M., and Katz, S. E. (1997). In Vitro Enhancement of Antibiotic Resistance Development-Interaction of Residue Levels of Pesticides and Antibiotics. *Journal of food protection* 60: 531-536.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, IN VITRO.
- Bossan, D., Wortham, H., and Masclet, P. (1995). Atmospheric Transport of Pesticides Adsorbed on Aerosols I. Photodegradation in Simulated Atmosphere. *Chemosphere* 30: 21-29.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Bossard, R. L., Hinkle, N. C., and Rust, M. K. (1998). Review of Insecticide Resistance in Cat Fleas (Siphonaptera: Pulicidae). *J.Med.Entomol*. 35: 415-422.
Chem Codes: EcoReference No.: 117710
Chemical of Concern: TBF,FVL,FNT,PFF,TLM,RSM,PPX,CYP,CYF,PTP,CPY,PMR,DZ,CBL,MLN
Code: REVIEW.
- Bourgeois, D., Gaudet, J., Deveau, P., and Mallet, V. N. (1993). Microextraction of Organophosphorus Pesticides From Environmental Water and Analysis by Gas Chromatography. *Bull environ contam toxicol* 50: 433-440.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Bourguet, D., Roig, A., Toutant, J. P., and Arpagaus, M. (1997). Analysis of Molecular Forms and Pharmacological Properties of Acetylcholinesterase in Several Mosquito Species. *Neurochemistry international* 31: 65-72.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Bourquin, A. W. (1977). Effects of Malathion on Microorganisms of an Artificial Salt-Marsh Environment. *J Environ Qual* 6: 373-378.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Boutsiouki, P., Thompson, J. P., and Clough, G. F. (2001). Effects of Local Blood Flow on the Percutaneous Absorption of the Organophosphorus Compound Malathion: a Microdialysis Study in Man. *Archives of*

- Toxicology [Arch. Toxicol.]. Vol. 75, no. 6, pp. 321-328. Aug 2001.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Boutsiouki Paraskevi and Clough Geraldine F (2004). Modulation of Microvascular Function Following Low-Dose Exposure to the Organophosphorous Compound Malathion in Human Skin in Vivo. *Journal of Applied Physiology [J. Appl. Physiol.]. Vol. 97, no. 3, pp. 1091-1097. Sep 2004.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Bowman, B. T. and Sans, W. W. (Effect of Temperature on the Water Solubility of Insecticides. *J environ sci health part b pestic food contam agric wastes; 20 (6). 1985 (recd. 1986).* 625-632.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Bowmer, K., Korth, W., Thomas, M., and Mccorkelle, G. (1994). River Pollution With Agricultural Chemicals. *Roberts, j. And r. Oliver (ed.). The murrumbidgee: past and present A forum on past and present research on the lower murrumbidgee river, griffith, new south wales, australia, april 199. V+125p. Csiro publications: east melbourne, victoria, australia. Isbn 0-643-05660-2.; 0: 7-19.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Bozsik, A., Francis, F., Gaspar, C., and Haubruge, E. (Effect of Some Insecticides on Acetylcholinesterase From Beneficial Insects: Coccinella Septempunctata, Chrysoperla Carnea and Forficula Auricularia. *Meded rijksuniv gent fak landbouwkde toegep biol wet. 2002; 67(3):671-7. [Mededelingen (rijksuniversiteit te gent. Fakulteit van de landbouwkundige en toegepaste biologische wetenschappen)]: Meded Rijksuniv Gent Fak Landbouwkde Toegep Biol Wet.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Bradman, A., Salvatore, A. L., Boeniger, M., Castorina, R., Snyder, J., Barr, D. B., Jewell, N. P., Kavanagh-Baird, G., Striley, C., and Eskenazi, B. (Community-Based Intervention to Reduce Pesticide Exposure to Farmworkers and Potential Take-Home Exposure to Their Families. *J Expo Sci Environ Epidemiol. 2009, Jan; 19(1):79-89. [Journal of exposure science & environmental epidemiology].*
Chem Codes: Chemical of Concern: MLN Code: FOOD,HUMAN HEALTH.
- Bradman, M. A., Harnly, M. E., Goldman, L. R., Marty, M. A., Dawson, S. V., and Dibartolomeis, M. J. (Malathion and Malaoxon Environmental Levels Used for Exposure Assessment and Risk Characterization of Aerial Applications to Residential Areas of Southern California, 1989-1990. *J expo anal environ epidemiol. 1994 jan-mar; 4(1):49-63. [Journal of exposure analysis and environmental epidemiology]: J Expo Anal Environ Epidemiol.*
Chem Codes: Chemical of Concern: MLO Code: MODELING, FATE.
- Brand, R. M., Pike, J., Wilson, R. M., and Charron, A. R. (2003). Sunscreens Containing Physical Uv Blockers Can Increase Transdermal Absorption of Pesticides. *Toxicology and Industrial Health [Toxicol. Ind. Health]. Vol. 19, no. 1, pp. 9-16. Feb 2003.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Braun, H. E. and Frank, R. (1980). Organochlorine and Organophosphorus Insecticides: Their Use in Eleven Agricultural Watersheds and Their Loss to Stream Waters in Southern Ontario, Canada, 1975-1977. *The Science of The Total Environment* 15: 169-192.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Braun, H. E., Frank, R., and Ritcey, G. M. (1990). Removal of Organophosphorus Organochlorine and Synthetic Pyrethroid Insecticides and Organochlorine Fungicides From Coverall Fabric by Laundering. *Bull environ contam toxicol* 44: 92-99.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Brewster, M. A., Rupe, W., and Rafferty, M. H. (1992). Small Area Pesticides Data: Multiplicity and Variability of Pesticide Usage on Southern Row Crops. *Arch.Environ.Contam.Toxicol.* 23: 289-294.

Chem Codes: Chemical of Concern:

ACP,ADC,AZ,CBL,CBF,CPY,DCTP,DMT,FNV,MLN,MDT,MOM,MP,PMR,BMY,Captan,CBX,CLNB,CTN,MZB,Maneb,THM,PMT,DMB,OYZ,ACF,CZE,DSMA,PPN,TBC,TFN,24D,24DB,ACR,BT,DU,GY P,LNR,MFD,MTL,MLT,NFZ,PAQT,PDM,MSMA,NPM,ODZ,SPS,TXP,PNB,TBA,TPE,SZ,FMU,MBZ
Code: REFS CHECKED/REVIEW.

Briggins, D. R. and Moerman, D. E. (1995). Pesticides, Nitrate-N and Bacteria in Farm Wells of Kings County, Nova Scotia. *Water quality research journal of canada* 30: 429-442.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Brogdon, W. G. and Barber, A. M. (1987). Microplate Assay of Acetylcholinesterase Inhibition Kinetics in Single-Mosquito Homogenates. *Pestic biochem physiol* 29: 252-259.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Bromand, B. (On the Problems of Minor Use in Denmark. *Pallutt, w. And h.-H. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 324; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 324); 2nd international symposium on minor uses called by the federal biological research centre for agriculture and forestry, june 11-13, 1996. 145p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3129-x.; 0 (324). 1996. 103-110.*

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Brooks, G. T. (1980). Perspectives of the Chemical Fate and Toxicity of Pesticides. *J.Environ.Sci.Health Part B* 15: 755-793.

Chem Codes: EcoReference No.: 117198

Chemical of Concern: TCDD,CBL,MLN,ALD,DLD,PAQT,HPT,TPMK,TFN Code: REVIEW.

Brower, J. H., Wool, D., and Kamin-Belsky, N. (Genetic Modification of Malathion Resistance in Almond Moth Populations by Immigration of Susceptible Males. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987). 354.*

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Brown, J. R., Chew, V., and Melson, R. O. (1993). Malathion Aerosol Cloud Behavior in a Coastal Plains Pine Flatwoods. *J am mosq control assoc* 9: 91-93.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Brown, J. R., Chew, V., and Melson, R. O. (1993). Temperature and Flow Rate Effects on Mass Median Diameters of Thermally Generated Malathion and Naled Fogs. *J am mosq control assoc* 9: 232-234.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Brown, J. R., Dukes, J. C., Beidler, E. J., Chew, V., and Ruff, J. (1993). A Comparison of Teflon Slides and the Army Insecticide Measuring System for Sampling Aerosol Clouds. *J am mosq control assoc* 9: 32-35.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Brown, J. R., Melson, R. O., and Breau, T. P. (1992). Degradation of Malathion in Thermally Generated Aerosols. *J am mosq control assoc* 8: 191-192.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Brown, M. A., Petreas, M. X., Okamoto, H. S., Mischke, T. M., and Stephens, R. D. (1993). Monitoring of Malathion and Its Impurities and Environmental Transformation Products on Surfaces and in Air Following an Aerial Application. *Environ sci technol* 27: 388-397.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Brown, S. B., Adams, B. A., Cyr, D. G., and Eales, J. G. (2004). Contaminant Effects on the Teleost Fish Thyroid. *Environ.Toxicol.Chem.* 23: 1680-1701.

Chem Codes: Chemical of Concern:
PCB,PAH,MRX,DDT,EN,ES,MB,CF,HCCH,MLN,FNT,MP,NH,AL,CBF,CBL,CN,Cd,As,Pb,Hg Code:
REVIEW.

Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.

Chem Codes: Chemical of Concern:
TFN,TPZ,TDP,PYN,PYM,PPB,PPM,Al,Cd,Pb,Hg,PHTH,DXN,FRN,HCB,PCB,BMN,CBL,CBF,AND,A
CR,DDT,DCF,DLD,ES,EN,HCCH,TXP,DMT,FNT,MLN,MP,CYH,BFT,FNV,DM,PCL,MBZ,Maneb,Nab
am,PDM,PCNB,Zineb,ATZ,Nf,PCP,ACO,DCPA,EFX,BMC,CTZ,FNB,FPN Code: REVIEW.

Brusle, J. (1991). The Eel (*Anguilla* Sp.) And Organic Chemical Pollutants. *Sci total environ* 102: 1-20.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Brussaard, J. H., Van Dokkum W, Van, D. E. R. Paauw Cg, De, V. O. S. Rh, De Kort W L Am, and Lowik, M. Rh
(1996). Dietary Intake of Food Contaminants in the Netherlands (Dutch Nutrition Surveillance System).
Food additives and contaminants 13: 561-573.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Bryden, P. A., McKnight, R. H., and Westneat, S. C. (2005). Using U.s. Poison Control Center Records to Identify
Bystander Pesticide Exposures: a One-Year Surveillance of Four Southeastern States. *Journal of
Agricultural Safety and Health [J. Agric. Saf. Health]. Vol. 11, no. 2, pp. 159-166. May 2005.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Budnik, K., Laing, M. D., and Da Graca Jv (1996). Reduction of Yield Losses in Pepper Crops Caused by Potato
Virus Y in Kwazulu-Natal, South Africa, Using Plastic Mulch and Yellow Sticky Traps. *Phytoparasitica*
24: 119-124.

Chem Codes: Chemical of Concern: MLN Code: VIRUS.

Bueno, D. E. Mesquita Hb, Doornbos, G., Van, D. E. R. Kuip D Am, Kogevinas, M., and Winkelmann, R. (1993).
Occupational Exposure to Phenoxy Herbicides and Chlorophenols and Cancer Mortality in the Netherlands.
Am j ind med 23: 289-300.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Buratti, F. M. and Testai, E. (Malathion Detoxification by Human Hepatic Carboxylesterases and Its Inhibition by
Isomalathion and Other Pesticides. *J biochem mol toxicol. 2005; 19(6):406-14. [Journal of biochemical
and molecular toxicology]: J Biochem Mol Toxicol.*

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Burguera, J. L. and Burguera, M. (1986). Determination of Some Organophosphorus Insecticides by Flow Injection
With a Molecular Emission Cavity Detector. *Analytica Chimica Acta* 179: 497-502.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Burridge, L. E. and Haya, K. (1987). The Use of a Fugacity Model to Assess Risk to Aquatic Animals of
Agricultural Pesticides Uses on Prince Edward Island Canada. *Thirteenth annual aquatic toxicity
workshop, moncton, new brunswick, canada, november 12-14, 1986. Can tech rep fish aquat sci* 0: 136-
140.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Burt, J. S. and Ebell, G. F. (1995). Organic Pollutants in Mussels and Sediments of the Coastal Waters Off Perth,
Western Australia. *Marine pollution bulletin* 30: 723-732.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Bush, P. B. (Pesticide Residue Monitored in Feed. *Poult dig; 44 (526). 1985 (recd. 1986). 527.*

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Bustos-Obregon, E. and Abarca, M. (1997). Effect of Organophosphoric Agropesticides on Spermatogenesis. *Vith international congress of andrology, salzburg, austria, may 25-29, 1997. International journal of andrology* 20: 64.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Butani, P. G. and Mittal, V. P. (1992). Control of Bitter Gourd Fruit Flies Through Poison Bait Prepared From Conventional Insecticides. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 267.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Butcher, J. B. (1997). Toxics Zoning for Reservoir Source Water Protection. *Lake and reservoir management* 13: 281-291.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Byrde, F. A. and Caruso, J. A. (1994). Elemental Analysis of Environmental Samples Using Chromatography Coupled With Plasma Mass Spectrometry. *Environmental science & technology* 28: 528a-532a, 534a.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Byrne, C. D. (1988). Selection of Substances Requiring Priority Action. *Richardson, m. L. (Ed.). Risk assessment of chemicals in the environment* Third european conference, guilford, england, uk, july 11-14, 1988. Xxi+579p. Royal society of chemistry: london, england, uk. Illus. Maps. Isbn 0-85186-118-0.; 0: 414-434.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Cabello, G., Quaas, A. F., Vilaxa, A., and Hrepic, N. (1990). Cholinesterase Inhibitors and Mammary Gland Development. *15th international cancer congress, hamburg, germany, august 16-22, 1990. J cancer res clin oncol* 116: 21.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Cabello, G., Vilaxa, A., Laime, D., and Hrepic, N. (1997). Site of Action of Malathion Cholinesterase Inhibitor as a Cancer Inducer. *2nd world congress on advances in oncology, athens, greece, october 16-18, 1997. International journal of oncology* 11: 891.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cabras, P., Garau, V. L., Angioni, A., Farris, G. A., Budroni, M., and Spanedda, L. (1995). Interactions During Fermentation Between Pesticides and Oenological Yeasts Producing H₂S and SO₂. *Applied microbiology and biotechnology* 43: 370-373.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Cabras, P., Garau, V. L., Melis, M., Pirisi, F. M., and Tuberoso, C. Ig (1995). The Effect of Clarifying Substances on Organophosphorous Insecticide Residues in Wine. *Journal of wine research* 6: 201-205.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO TOX DATA.
- Cagampan, S., Zaruk, D., Struger, J., and Backus, S. M. (2003). Determination of Organophosphates Used for Mosquito Control in Precipitation in an Urban Area.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Cahill, Thomas M. and Mackay, Donald (2003). A High-Resolution Model for Estimating the Environmental Fate of Multi-Species Chemicals: Application to Malathion and Pentachlorophenol. *Chemosphere* 53: 571-581.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Cain, B. W. (Wintering Waterfowl Habitat in Texas Usa Shrinking and Contaminated. *Weller, m. W. (Ed.). Waterfowl in winter; symposium, galveston, texas, usa, january 7-10, 1985. Xx+624p. University of minneapolis press: minneapolis, minnesota, usa. Illus. Maps. Isbn 0-8166-1571-3(paper); isbn 0-8166-1570-5(cloth).; 0 (0). 1988. 583-596.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Cain, R. B. and Head, I. M. (1991). Enhanced Degradation of Pesticides Its Biochemical and Molecular Biological Basis. *Walker, a. (Ed.). British crop protection council monograph, no. 47. Pesticides in soils and water: current perspectives* Symposium, coventry, england, uk, march 25-27, 1991. ix+233p. British crop protection council: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-51-5.; 0: 23-40.
Chem Codes: Chemical of Concern: MLN Code : BACTERIA.
- Cairns, T., Chiu, K. S., Navarro, D., and Siegmund, E. (1993). Multiresidue Pesticide Analysis by Ion-Trap Mass Spectrometry. *Rapid communications in mass spectrometry* 7: 971-988.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Calaf, G. M. and Roy, D. (Cancer Genes Induced by Malathion and Parathion in the Presence of Estrogen in Breast Cells. *Int J Mol Med. 2008, Feb; 21(2):261-8. [International journal of molecular medicine]*.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Calvet, R. (1989). Adsorption of Organic Chemicals in Soils. *Environ health perspect* 83: 145-178.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Camel, V. (1997). The Determination of Pesticide Residues and Metabolites Using Supercritical Fluid Extraction. *Trends in analytical chemistry* 16: 351-369.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Camel, V. (1998). Supercritical Fluid Extraction as a Useful Method for Pesticides Determination. *Analisis* 26: M99-m111.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Camel, V. and Bermond, A. (1998). The Use of Ozone and Associated Oxidation Processes in Drinking Water Treatment. *Water research* 32: 3208-3222.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Campanella, L., Cocco, R., Sammartino, M. P., and Tomassetti, M. (1992). A New Enzyme Inhibition Sensor for Organophosphorus Pesticides Analysis. *Fourth international workshop on chemical, biological and ecotoxicological behaviour of pesticides in the soil environment, rome, italy, may 29-31, 1991. Sci total environ* 123-124: 1-16.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Campanella, L., De Luca S, Sammartino, M. P., and Tomassetti, M. (1999). A New Organic Phase Enzyme Electrode for the Analysis of Organophosphorus Pesticides and Carbamates. *Analytica chimica acta* 385: 59-71.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Cantilli, R. (Drinking Water Health Advisory for Malathion. *Govt reports announcements & index (gra&i), issue 09, 2092*.
Chem Codes: Chemical of Concern: MLN Code : REVIEW,HUMAN HEALTH.
- Careri, M., Manini, P., and Maspero, M. (1994). Liquid Chromatography-Mass Spectrometry in Environmental Analysis. *Annali di chimica* 84: 475-508.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Carlson, C. A. and Tessari, J. D. (1991). Solid-Phase Extraction of Carbaryl and Malathion From Pond and Well Water. *Au - Beyers Dw. Environ toxicol chem* 10: 1425-1430.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Carlton, W. W. (Third Symposium on Prophylaxis and Treatment of Chemical Poisoning Stockholm Sweden April 22-24 1985. *Fundam appl toxicol; 5 (6 part 2). 1985 (recd. 1986). S1-s279*.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Carriger, J. F. and Rand, G. M. (Aquatic Risk Assessment of Pesticides in Surface Waters in and Adjacent to the Everglades and Biscayne National Parks: Ii. Probabilistic Analyses. *Ecotoxicology*. 2008, Oct; 17(7):680-96. [*Ecotoxicology (London, England)*].
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Carriger, J. F. and Rand, G. M. (Aquatic Risk Assessment of Pesticides in Surface Waters in and Adjacent to the Everglades and Biscayne National Parks: I. Hazard Assessment and Problem Formulation. *Ecotoxicology*. 2008, Oct; 17(7):660-79. [*Ecotoxicology (London, England)*].
Chem Codes: Chemical of Concern: MLN Code: MODELING,EFFLUENT.
- Carter, H. L., Evans, M. A., and Waldron, A. C. (1980). Pesticide Use on Major Crops in Ohio - 1978. *Ohio Agric.Res.Dev.Cent.Res.Bull.* 1117: 1-47.
Chem Codes : Chemical of Concern:
 THM,TXP,PRN,HPT,MXC,FNF,VNT,TRB,PCH,PEB,NPM,EDT,DDP,CYC,CPP,BTY,PCL,AMTL,AMT
 R,HCCH,AND,MPCA,EPTC,CZE,PSM,OXD,TCF,MVP,PYZ,PHMD,MTL,Captan,TCF,PRT,MP,MDT,
 MLN,DS,DMT,DZ,CPY,CBF,CBL,AZ,ACP,TFN,SZ,PDM,PAQT,OYZ,MBZ,LNR,GYP,Dicamba,BT,AT
 Z,ACR,24D,BMY Code: NO EFFECT.
- Carter, M. K. and Maddux, B. (Interaction of Dichlorvos and Anticholinesterases on the in Vitro Inhibition of Human Blood Cholinesterases. *Toxicology and applied pharmacology*, vol. 27, pages 456-463, 24 references, 1974/1974.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Carvalho, F. P., Fowler, S. W., Gonzelez-Farias, F., Mee, L. D., and Readman, J. W. (1996). Agrochemical Residues in the Altata-Ensenada Del Pabellon Coastal Lagoon (Sinaloa, Mexico): a Need for Integrated Coastal Zone Management. *International journal of environmental health research* 6: 209-220.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Casanova, J. A. (1996). Use of Solid-Phase Extraction Disks for Analysis of Moderately Polar and Nonpolar Pesticides in High-Moisture Foods. *Journal of aoac international* 79: 936-940.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Castella, J. C., Jourdain, D., Trebuil, G., and Napompeth, B. (1999). A Systems Approach to Understanding Obstacles to Effective Implementation of Ipm in Thailand: Key Issues for the Cotton Industry. *Agriculture ecosystems & environment* 72: 17-34.
Chem Codes: Chemical of Concern: MLO Code : NO TOX DATA.
- Ceballo, F. A. and Morallo-Rejesus, B. (Admixture and Residual Toxicity of Some Selected Insecticides Against Five Coleopterous Storage Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 351.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cecil, P. F. Sr and Young, A. L. (Operation Flyswatter: a War Within a War. *Environ Sci Pollut Res Int.* 2008, Jan; 15(1):3-7. [*Environmental science and pollution research international*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Chai, Y. X., Liu, G. Y., and Wang, J. J. (2007). Toxicological and Biochemical Characterizations of AChE in *Liposcelis bostrychophila* Badonnel (Psocoptera: Liposcelididae). *Pestic.Biochem.Physiol.* 88: 197-202.
Chem Codes: Chemical of Concern: DDVP,CBL,MLO Code: IN VITRO.
- Chandrasekharam, V. and Srikanth, N. S. (1986). In-Vitro Combinational Influence of Bhc and Malathion on the Acetylcholinesterase Activity in the Muscle Tissue of the Fish Tilapia-Mossambica. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 245.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Chang, C. K. and Whalon, M. E. (1987). Substrate Specificities and Multiple Forms of Esterases in the Brown Planthopper, *Nilaparvata Lugens* (Stal). *Pesticide Biochemistry and Physiology* 27: 30-35.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Chang, S. K., Williams, P. L., Dauterman, W. C., and Riviere, J. E. *. (1994). Percutaneous Absorption, Dermatopharmacokinetics and Related Bio-Transformation Studies of Carbaryl, Lindane, Malathion, and Parathion in Isolated Perfused Porcine Skin. *Toxicology. Vol. 91, no. 3, pp. 269-280. 1994.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Chao Li-Ching and Lio Sin-Chung (1993). Resistance of Housefly, *Musca Domestica* L., To Dichlorvos, Malathion, Pirimiphos-Methyl and Propoxur in Lo-Tung Area. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]. Vol. 13, no. 1, pp. 17-25. 1993.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Chapalamadugu, S. and Chaudhry, G. R. (1992). Microbiological and Biotechnological Aspects of Metabolism of Carbamates and Organophosphates. *Crit rev biotechnol* 12: 357-389.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Chatterjee, R. (2008). Pesticide Triggers a Food Chain Cascade. *Environ.Sci.Technol.* 42: 8993 (doi:10.1021/es802779y).
Chem Codes: Chemical of Concern: MLN Code: REFS CHECKED/REVIEW.
- Chatterjee, R. (2008). Pesticide Triggers a Food Chain Cascade. *Environ.Sci.Technol.* 42: 8993 (doi:10.1021/es802779y).
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Chaturvedi, L. D. and Saxena, V. P. (1983). Quantitative Measure of Lindane and Malathion Residues in Some Tissues of *Channa Punctatus*. *Toxicol.Lett.* 18: 156.
Chem Codes: Chemical of Concern: HCCH,MLN Code: ABSTRACT.
- Chaturvedi L. D. and Saxena V. P. (Quantitative Measurements of Lindane and Malathion Residues in Some Tissues of *Channa Punctatus*. *Toxicology Letters* 18: **156**.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cheema, A. A., Shah, F. H., and Shakoori, A. R. (Kinetics of Inhibition of Acetylcholinesterase of Goat Brain Homogenate by Malaoxon. *Pak j zool*; 17 (4). 1985 (recd. 1987). 373-380.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Chen Hon-Cheng (2001). Studies on Water Quality Criteria of Pesticides for Farming Black Tiger Shrimp *Penaeus Monodon*. *6th Asian Fisheries Forum Book of Abstracts. p. 46. 2001.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Chen, W. and Mulchandani, A. (1998). The Use of Live Biocatalysts for Pesticide Detoxification. *Trends in biotechnology* 16: 71-76.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Chen, W. L. and Sun, C. N. (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, *Nilaparvata Lugens* Stal. *Insect biochemistry and molecular biology* 24: 347-355.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Chen Wen-Lin and Sun Chih-Ning* (1994). Purification and Characterization of Carboxylesterases of a Rice Brown Planthopper, *Nilaparvata Lugens* Staal. *Insect Biochemistry and Molecular Biology [INSECT BIOCHEM. MOL. BIOL.]. Vol. 24, no. 4, pp. 347-355. 1994.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Chen, X. Y., Shao, J. Z., Xiang, L. X., and Liu, X. M. (2006). Involvement of Apoptosis in Malathion-Induced Cytotoxicity in a Grass Carp (*Ctenopharyngodon Idellus*) Cell Line. *Comp.Biochem.Physiol.C* 142: 36-45.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Chernyak, S. M., Rice, C. P., and McConnell, L. L. (1996). Evidence of Currently-Used Pesticides in Air, Ice, Fog, Seawater and Surface Microlayer in the Bering and Chukchi Seas. *Marine pollution bulletin* 32: 410-419.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Chhonkar, P. K. and Rao, D. Ln (1996). Soil Biology and Biochemistry in Relation to Land Degradation and Environmental Pollution. *Biswas, t. D. And g. Narayanasamy (ed.). Indian society of soil science bulletin, no. 17. Soil management in relation to land degradation and environment Symposium, dehradun, india, october 8-9, 1993. Ii+167p. Indian society of soil science: new delhi, india.; 0: 133-147.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of a Series of Branched-Chain Homologs of Diethyl Malaoxon and Acetoxon With Acetylcholinesterase. *Biochemical Pharmacology* 18: 1665-1671.
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C. and Dauterman, W. C. (1969). The Affinity and Phosphorylation Constants of the Optical Isomers of O,O-Diethyl Malaoxon and the Geometric Isomers of Phosdrin With Acetylcholinesterase. *Biochemical Pharmacology* 18: 359-364.
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C. and Dauterman, W. C. (Effect of Tetraethylammonium Ions on the Affinity and Phosphorylation or Carbamylation Constants of Malaoxon, Tetram and Temik With Acetylcholinesterase. *Biochem. Pharmacol*; 19(5), 1856-7; (ref:6).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Chiu, Y. C., Main, A. R., and Dauterman, W. C. (1969). Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochemical Pharmacology* 18: 2171-2177.
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C., Main, A. R., and Dauterman, W. C. (Affinity and Phosphorylation Constants of a Series of O,O-Dialkyl Malaoxons and Paraoxons With Acetylcholinesterase. *Biochem. Pharmacol.*; 18(9): 2171-7, 1969; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Chiu, Y. C., Tripathi, R., and O'brien, R. D. (Differences in Reactivity of Four Butyrylcholinesterase Isozymes Towards Substrate and Inhibitors. *Biochem. Biophys. Res. Commun.* ; 46(1): 35-42; 1972 ; (ref:16).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Chiu, Y. C., Tripathi, R., and O'brien, R. D. (A Ge -Scanning Method for Kinetic Studies on an Acetylcholinesterase Isozyme. *Anal. Biochem.*; 45(2): 480-487; 1972 ; (ref:21).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Cho, Y., Matsuoka, N., and Kamiya, A. (1997). Determination of Organophosphorus Pesticides in Biological Samples of Acute Poisoning by Hplc With Diode-Array Detector. *Chemical & pharmaceutical bulletin (tokyo)* 45: 737-740.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Choi, H., Moreau, J. P., and Srinivasan, M. (1994). Cleanup of Agrochemical Spills Using Cotton Sorbents. *Journal of environmental science and health part a environmental science and engineering* 29: 2151-2168.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Christensen, G. M. and Olson, D. L. (1981). Effect of Water Pollutants and Other Chemicals Upon Ribonuclease Activity in Vitro. *Environmental Research* 26: 274-280.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Chu, W., Choy, W. K., and Hunt, J. R. (2005). Effects of Nonaqueous Phase Liquids on the Washing of Soil in the Presence of Nonionic Surfactants. *Water Research* 39: 340-348.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Chukwudebe, A. and Fukuto, T. R. (1986). Photoalteration of Some Phosphorothioate Insecticides. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Chukwudebe, A., March, R. B., Othman, M., and Fukuto, T. R. (1989). Formation of Trialkyl Phosphorothioate Esters From Organophosphorus Insecticides After Exposure to Either Uv Light or Sunlight. *J agric food chem* 37: 539-545.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Chung, Y., Shin, D., Park, S., Lim, Y., Choi, Y., Cho, S., Yang, J., Hwang, M., Park, Y., and Lee, H. (1997). Risk Assessment and Management of Drinking Water Pollutants in Korea. *Water science and technology* 36: 309-323.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ciglasch, H., Busche, J., Amelung, W., Totrakool, S., and Kaupenjohann, M. (Field Aging of Insecticides After Repeated Application to a Northern Thailand Ultisol. *J Agric Food Chem.* 2008, Oct 22; 56(20):9555-62. [*Journal of agricultural and food chemistry*].
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Clark, E. R. and Qazi, I. A. (1980). Evaluation of the Modified Colourimetric Method for the Determination of Malathion: Its Application to the Analysis of Malathion Residues in Water. *Water Research* 14: 1037-1040.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Clark, J. R. (Mosquito Control Pesticides: Adverse Impacts to Freshwater Aquatic and Marine Organisms. *Govt reports announcements & index (gra&i), issue 18, 2092.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Clark, R. B. (1992). Marine Pollution Third Edition. *Clark, r. B. Marine pollution, third edition. Xii+172p. Oxford university press: oxford, england, uk New york, new york, usa. Isbn 0-19-854686-6.; 0: Xii+172p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Clark, R. B., Frid, C., and Attrill, M. (Marine Pollution Fourth Edition. *Clark, r. B., C. Frid and m. Attrill. Marine pollution, fourth edition. X+161p. Clarendon press: oxford, england, uk. Isbn 0-19-850070-x(cloth); isbn 0-19-850069-6(paper).; 0 (0). 1997. X+161p.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Clemenson, C. and Ekwall, B. (1999). Overview of the Final Meic Results: I. The in Vitro-in Vitro Evaluation. *Toxicology in vitro* 13: 657-663.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Coats, J. R. (Toxicology of Pesticide Residues in Foods. *Hathcock, j. N. (Ed.). Nutrition: basic and applied science: a series of monographs: nutritional toxicology, vol. Ii. Xv+300p. Academic press: san diego, california, usa; academic press inc. (London) ltd.: London, england, uk. Illus. Isbn 0-12-332602-8.; 0 (0). 1987. 249-280.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Coburn, C. B. and Friedman, A. A. (1976). Conventional Bioassay and Tissue Bioassay of Zinc Cyanide, Sodium Cyanide and Malathion. *J.Tenn.Acad.Sci.* 51: 59 (ABS).
Chem Codes: Chemical of Concern: MLN,CN,Zn Code: ABSTRACT.
- Cochran, D. G. (1988). Insecticide Resistance in the German Cockroach. *Seventy-fifth annual meeting of the international association of milk, food and environmental sanitarians, tampa, florida, usa, july 31-august 4, 1988. J food prot* 51: 833.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Cochrane, B. J., Hargis, M., Crocquet, D. E. Belligny P, Holtsberg, F., and Coronella, J. (1992). Evolution of Glutathione S-Transferases Associated With Insecticide Resistance in Drosophila. *Mullin, c. A. And j. G. Scott (ed.). Acs (american chemical society) symposium series, vol. 505. Molecular mechanisms of insecticide resistance: diversity among insects* 202nd national meeting of the american chemical society, new york, new york, usa, august 25-30, 1991. Xiii+322p. American chemical society: washington, dc, usa. Isbn 0-8412-2474-9.; 0: 53-70.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Coffi, A. (1992). Republic of Benin the Acridid Situation in the Republic of Benin. *Lomer, c. J. And c. Prior (ed.). Biological control of locusts and grasshoppers Workshop, cotonou, benin, april 29-may 1, 1991. Xii+394p. C.a.b. International: wallingford, england, uk; international institute of tropical agriculture: ibadan, nigeria.* Isbn 0-85198-779-6.; 0: 86-89.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Cogburn, R. R., Simonaitis, R. A., and Webb, B. D. (1990). Fate of Malathion and Chlorpyrifos Methyl in Rough Rice and Milling Fractions Before and After Parboiling and Cooking. *J econ entomol* 83: 1636-1639.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Cohen, S., Svrjcek, A., Durborow, T., and Barnes, N. L. (1999). Water Quality Impacts by Golf Courses. *Journal of environmental quality* 28: 798-809.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Cohen, S. D. (Organo Phosphate Toxicity and Interactions in Northern Grass Frogs Rana-Pipiens. *Burford, r. G. International congress on toxicology. Abstracts. Toronto, ontario, canada. 52p. International congress on toxicology: toronto, ontario, canada.; 1977 34.*
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Cohen, S. D., Callaghan, J. E., and Murphy, S. D. (Investigation of Multiple Mechanisms for Potentiation of Malaoxon by Tri-O Toly Phosphates. *Toxicol appl pharmacol*; 22 (2). 1972 300.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Cohen, S. D. and Murphy, S. D. (Inactivation of Malaoxon by Mouse Liver and Effect of Triorthotolyl Phosphate. *Pharmacologist*; 13 (2). 1971 288.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Cohen, S. D. and Murphy, S. D. (A Simplified Bioassay for Predicting Organophosphate Potentiation. *Toxicol. Appl. Pharmacol.*25(3): 483; 1973.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Cohen, Steven D., Williams, Rebecca A., Killinger, Joanne M., and Freudenthal, Ralph I. (1985). Comparative Sensitivity of Bovine and Rodent Acetylcholinesterase to in Vitro Inhibition by Organophosphate Insecticides. *Toxicology and Applied Pharmacology* 81: 452-459.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Colt, J. S., Gunier, R. B., Metayer, C., Nishioka, M. G., Bell, E. M., Reynolds, P., Buffler, P. A., and Ward, M. H. (Household Vacuum Cleaners Vs. The High-Volume Surface Sampler for Collection of Carpet Dust

- Samples in Epidemiologic Studies of Children. *Environ Health*. 2008; 7:6. [Environmental health : a global access science source].
Chem Codes: Chemical of Concern: MLN Code: FATE,HUMAN HEALTH.
- Colt, J. S., Zahm, S. H., Camann, D. E., and Hartge, P. (1998). Comparison of Pesticides and Other Compounds in Carpet Dust Samples Collected From Used Vacuum Cleaner Bags and From a High-Volume Surface Sampler. *Environmental health perspectives* 106: 721-724.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Comm Pestic Formulation Disinfect Usa (1991). General Referee Reports Committee on Pesticide Formulations and Disinfectants 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 107-110.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Comm Residues (1993). General Referee Reports Committee on Residues Aoac International Annual Meeting Cincinnati Ohio Usa August 31-September 2 1992. *J aoac (assoc off anal chem) int* 76: 142-149.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Conte, E. D. and Barry, E. F. (1993). Alkali Flame Ionization Detector for Gas Chromatography Using an Alkali Salt Aerosol as the Enhancement Source. *J chromatogr* 644: 349-355.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Contreras, H. R. and Busto-Obregon, E. (1996). Effect of an Organophosphate Insecticide on the Testis Epididymis and Preimplantational Development and Pregnancy Outcome in Mice. *First congress of the spanish society of developmental biology and international workshop on developmental approaches in cancer biology, leioa, spain, december 9-13, 1996. International journal of developmental biology* 0: 207s-208s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Conyers, Simon T. and Bell, Christopher H. (1996). The Effect on the Mortality of Adult *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae), *Sitophilus Granarius* (L.) (Coleoptera: Curculionidae) and *Oryzaephilus Surinamensis* (L.) (Coleoptera: Silvanidae) of Interrupting Low Oxygen Exposures With Periods of Elevated Oxygen. *Journal of Stored Products Research* 32: 187-194.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Cook, J., Engel, M., Wylie, P., and Quimby, B. (1999). Multiresidue Screening of Pesticides in Foods Using Retention Time Locking, Gc-Aed, Database Search, and Gc-Ms Identification. *Journal of aoac international* 82: 313-326.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Insecticides Inhibiting Acetylcholinesterase. In: *The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 99-140.
Chem Codes: Chemical of Concern: AZ,CPY,DZ,DMT,MLN,PRN,PSM,CBL,CBF Code: REVIEW.
- Cordle, M. K. (1988). Usda Regulation of Residues in Meat and Poultry Products. *J anim sci* 66: 413-433.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Corson, M. S., Mora, M. A., and Grant, W. E. (1998). Simulating Cholinesterase Inhibition in Birds Caused by Dietary Insecticide Exposure. *Ecological modelling* 105: 299-323.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Cortese, Miriam M., Suschek, Christoph V., Wetzel, Wiebke, Kröncke, Klaus D., and Kolb-Bachofen, Victoria (2008-). Zinc protects endothelial cells from hydrogen peroxide via Nrf2-dependent stimulation of glutathione biosynthesis. *Free Radical Biology and Medicine* 44: 2002-2012.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Cotham, W. E Jr and Bidleman, T. F. (1989). Degradation of Malathion Endosulfan and Fenvalerate in Seawater and Seawater-Sediment Microcosms. *J agric food chem* 37: 824-828.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Coulanges, P., Clerc, Y., and Randrianantoanina, E. (1982). (Study of Xenopsylla Cheopis and Synopsyllus Fonquerniei , Malagasy Plague Fleas -- Evidence of Their Resistance to Ddt, Dieldrin and Malathion.). *Archives de l'Institut Pasteur de Madagascar [ARCH. INST. PASTEUR MADAGASCAR.]*. Vol. 49, no. 1, pp. 171-192. 1982.
Chem Codes: Chemical of Concern: MLN Code : NON-ENGLISH.

Coulibaly, K. and Jeon, I. J. (1996). An Overview of Solid-Phase Extraction of Food Flavor Compounds and Chemical Residues. *Food reviews international* 12: 131-151.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.

Counc, S. C. I. Aff Usa (1988). Cancer Risk of Pesticides in Agricultural Workers. *Jama (j am med assoc)* 260: 959-966.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Cowell, D. C., Abass, A. K., Dowman, A. A., Hart, J. P., Pemberton, R., and Young, S. (1998). Screen-Printed Disposable Biosensors for Environmental Pollution Monitoring. *International association for great lakes research. 41st conference of the international association for great lakes research Meeting*, hamilton, ontario, canada, may 18-22, 1998. 160p. International association for great lakes research: ann arbor, michigan, usa.; 0: 33-34.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Cox, P. D., Parish, W. E., and Beirne, M. A. (1989). Variations in the Refuge-Seeking Behaviour of Four Strains of Cryptolestes Ferrugineus (Stephens) (Coleoptera: Cucujidae) at Different Temperatures. *Journal of Stored Products Research* 25: 239-242.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Crammer, M. and Peoples, A. (Determination of Trace Quantities of Anticholinesterase Pesticides in Air and Water. *Bioassay techniques and environmental chemistry, pages 367-381, 8 references, 1973*1973.
Chem Codes: Chemical of Concern: MLO Code: METHODS.

Cranmer, M. and Peoples, A. (1973). Determination of Trace Quantities of Anticholinesterase Pesticides. *Analytical Biochemistry* 55: 255-265.
Chem Codes: Chemical of Concern: MLO Code: METHODS.

Crepeau, K. L., Kuivila, K. M., and Bergamaschi, B. (Dissolved Pesticides in the Alamo River and the Salton Sea, California, 1996-1997. *Govt reports announcements & index (gra&i), issue 09, 2006*.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Crepeau, K. L., Walker, G., and Winterlin, W. (1990). Effects of Laboratory Lighting on the Stability of Analytical Grade Pesticides. *Bull environ contam toxicol* 45: 446-451.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Crescenzi, C., Di Corcia a, Guerriero, E., and Samperi, R. (1997). Development of a Multiresidue Method for Analyzing Pesticide Traces in Water Based on Solid-Phase Extraction and Electrospray Liquid Chromatography Mass Spectrometry. *Environmental science & technology* 31: 479-488.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Cripe, G. M. and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Comparison of the Sensitivity of Post Larvae of Pink Shrimp, Penaeus Duorarum and Mysids Mysidopsis Bahia to Selected Chemicals. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp. 1993*.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Cronin, M. T. D., Netzeva, T. I., Dearden, J. C., Edwards, R., and Worgan, A. D. P. (2004). Assessment and Modeling of the Toxicity of Organic Chemicals to *Chlorella vulgaris*: Development of a Novel Database. *Chem.Res.Toxicol.* 17: 545-554.

Chem Codes: Chemical of Concern:

MOL,ETHN,nBUT,MCRE,OCRE,MDT,PCRE,34XYL,35DCA,DCB,PSM,MP,MLN,DCNA,AZ Code: MODELING/QSAR/REFS CHECKED.

Cui, F., Qu, H., Cong, J., Liu, X. L., and Qiao, C. L. (Do Mosquitoes Acquire Organophosphate Resistance by Functional Changes in Carboxylesterases? *Faseb j.* 2007, nov; 21(13):3584-91. [*The faseb journal : official publication of the federation of american societies for experimental biology*]: FASEB J.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Cunha Bastos, V. L. F., Cunha Bastos, J., Lima, J. S., and Castro Faria, M. V. (1991). Brain Acetylcholinesterase as an in Vitro Detector of Organophosphorus and Carbamate Insecticides in Water. *Water Research* 25: 835-840.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Cutkomp, L. K., Yap, H. H., Cheng, E. Y., and Koch, R. B. (1971). Atpase Activity in Fish Tissue Homogenates and Inhibitory Effects of Ddt and Related Compounds. *Chemico-Biological Interactions* 3: 439-447.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Da Silva, R. C., Zuin, V. G., Yariwake, J. H., Eberlin, M. N., and Augusto, F. (Fiber Introduction Mass Spectrometry: Determination of Pesticides in Herbal Infusions Using a Novel Sol-Gel Pdms/Pva Fiber for Solid-Phase Microextraction. *J mass spectrom.* 2007, jun; 42(6):825-9. [*Journal of mass spectrometry : jms*]: *J Mass Spectrom.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Dagayev, V. N., Iskandarov, A. I., Luzhnikov, Y. e. A., Gorin, E. E., Lisovik, Z. h. A., and Yelkov, A. N. (1990). Expert Criteria in Assessing Severity of Acute Chemical Poisoning With Organophosphorus Insecticides. *SUD.-MED. EKSP. Vol. 33, no. 2, pp. 28-30. 1990.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Dahm, P. A. (Chemistry and Metabolism of Insecticides. *Water quality proceeding conference, 1969, pages 167-182, 61 references, 1970*1970 .

Chem Codes: Chemical of Concern: MLO Code: METABOLISM.

Dahm, P. A., Kopecky, B. E., and Walker, C. B. (1962). Activation of Organophosphorus Insecticides by Rat Liver Microsomes. *Toxicology and Applied Pharmacology* 4: 683-696.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Daimon, H. and Hirata, Y. (1994). Direct Coupling of Capillary Supercritical Fluid Chromatography With Supercritical Fluid Extraction Using Modified Carbon Dioxide. *Hrc journal of high resolution chromatography* 17: 809-813.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Dale, D. and Heinrichs, E. A. (1998). Crop-Insecticide Interactions. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).*340. 314-340.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Dalvie Mohamed Aqiel and London Leslie (2009). Risk Assessment of Pesticide Residues in South African Raw

- Wheat. *Crop Protection*, vol. 28, no. 10, pp. 864-869, 2009.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Dana, M. N. (1989). The American Cranberry Industry. *Fourth international symposium on vaccinium culture, east lansing, michigan, usa and madison, wisconsin, usa, august 13-17, 1988. Acta hortica (wageningen)* 0: 287-294.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Darko, G. and Akoto, O. (Dietary Intake of Organophosphorus Pesticide Residues Through Vegetables From Kumasi, Ghana. *Food Chem Toxicol.* 2008, Dec; 46(12):3703-6. [*Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association*].
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Das, R. C. and Das, N. (1990). Micronucleus Test in the Peripheral Erythrocytes of an Indian Carp, Labeo Rohita (Hamilton). *Uttar pradesh j zool* 10: 23-29.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Daugherty, M. L., Watson, A. P., and Vo-Dinh, A. (1992). Currently Available Permeability and Breakthrough Data Characterizing Chemical Warfare Agents and Their Simulants in Civilian Protective Clothing Materials. *J hazard mater* 30: 243-267.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dauterive, L. Jr and Speidel, H. K. (1976). Effects of Synthetic Organic Pesticides on Growth of Estuarine Microorganisms. *Dev. Ind. Microbiol. Vol. 17*, pp. 305-310. 1976.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Davila, G. H. (1987). Regional Program on Chemical Safety Rpcs Document Presented to the Xxii Pan American Sanitary Conference. *Pan am health organ environ ser* 0: I-iv, 1-36.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Davis-Hoover, W. and Kaake, R. (Site Technology Capsule. J.r. Simplot Ex-Situ Bioremediation Technology: Dinoseb. *Govt reports announcements & index (gra&i)*, issue 02, 2096.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Davis Ryan S, Peterson Robert KD, and Macedo Paula A (2007). An Ecological Risk Assessment for Insecticides Used in Adult Mosquito Management. *Integrated Environmental Assessment and Management [Integr. Environ. Assess. Manage.]. Vol. 3, no. 3*, pp. 373-382. Jul 2007.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Day, B. L., Sharma, J. M., Walser, M. M., Andersen, D. E., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). The Ring Necked Pheasant as an Immunologic Biomonitor With Emphasis on the Evaluation of Malathion. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book. vp.* 1993.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De Castro, A., Rosenbaum, E., Anguiano, O., Venturino, A., and Pechen, D. E. D'angelo Am (1999). Comparative Toxicity and Metabolism of Malathion in Bufo Arenarum Embryos. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 120.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De Guise, S., Maratea, J., and Perkins, C. (2005). Toxicity of Pesticides Used to Control Mosquitoes on Adult American Lobsters, Homarus Americanus. *Journal of Shellfish Research [J. Shellfish Res.]. Vol. 24, no. 2*, p. 650. Aug 2005.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- De, L. A. Colina C, Pena, A., Mingorance, M. D., and Sanchez Zrasero F (1996). Influence of the Solid-Phase Extraction Process on Calibration and Performance Parameters for the Determination of Pesticide Residues in Water by Gas Chromatography. *Journal of chromatography a* 733: 275-281.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- De Oliveira, J. V. and De Batista, G. C. (1981). Toxicity Evaluation of Insecticides to *Callosobruchus Maculatus* (Fabricius, 1775) (Coleoptera, Bruchidae), Using Topical Application and Filter Paper Impregnation Techniques. *Anais de Sociedade Entomologica do Brasil [AN. SOC. ENTOMOL. BRAS.]*. Vol. 10, no. 1, pp. 119-127. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- De Roffignac, L., Cattani, P., Mailloux, J., Herzog, D., and Le Bellec, F. (Efficiency of a Bagasse Substrate in a Biological Bed System for the Degradation of Glyphosate, Malathion and Lambda-Cyhalothrin Under Tropical Climate Conditions. *Pest Manag Sci*. 2008, Dec; 64(12):1303-13. [*Pest management science*].
Chem Codes: Chemical of Concern: MLN Code: FATE.
- De Smedt, A., Ooms, D., Van Den Heuvel, R., and Schoeters, G. (1998). Immunotoxicity of Environmental: an Earthworm Model for Sublethal Damage. *Toxicology Letters* 95: 176.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- De Sousa, G., Fontaine, F., Pralavorio, M., Botta-Fridlund, D., Letreut, Y., Rahmani, R. *, Marano, F. M., Benford, D. J., Castell, J. V., and Reinhardt, C. h. A. (eds) (1997). Insecticide Cytotoxicity and Cyp1a1/2 Induction in Primary Human and Rat Hepatocyte Cultures. *Toxicology in vitro [Toxicol. in vitro]*. Vol. 11, no. 5, pp. 451-457. Oct 1997.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Decker, Walter J., Combs, Harold F., and Corby, Donald G. (1968). Adsorption of Drugs and Poisons by Activated Charcoal. *Toxicology and Applied Pharmacology* 13: 454-460.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Deiana, P. and Fatichenti, F. (1992). Pesticide Residues in Milk Processing. *Ital j food sci* 4: 229-245 .
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Monitoring of Pesticide Residues in Fresh Vegetables, Fruits, and Other Selected Food Items in Belgium, 1991-1993. *Journal of aoac international* 79: 97-110.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dejonckheere, W., Steurbaut, W., Drieghe, S., Verstraeten, R., and Braeckman, H. (1996). Pesticide Residue Concentrations in the Belgian Total Diet, 1991-1993. *Journal of aoac international* 79: 520-528.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Del Pino M and Blessing, R. L. (1988). Chemicals and Allied Products. *J water pollut control fed* 60: 909-916.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Del, R. E. A Am, Cova, D., Ragozza, L., Rondelli, E., Rossini, L., and Trevisan, M. (1989). Pesticide Residues in the Po River Italy Watershed Application of a Mathematical Model. *International symposium on agricultural ecology and environment, padova, italy, april 5-7, 1988. Agric ecosyst environ* 27: 539-554.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Del Rivero, J. M. (1970). Use of Insecticides in Rice Fields. *An.Inst.Nac.Invest.Agron.(Madr.)* 19: 327-328,330, 333 (SPA).
Chem Codes: Chemical of Concern: AND,DDT,DLD,EN,HPT,HCCH,MLN,Naled,PRN Code: NON-ENGLISH.

- Delaunois, A., Gustin, P., and Ansay, M. (1991). Mechanisms and Prevention of Resistance to Pesticides. *Ann med vet* 135: 343-350.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Delescluse, C., Ledirac, N., de Sousa, G., Pralavorio, M., Lesca, P., and Rahmani, R. (1998). Cytotoxic Effects and Induction of Cytochromes P450 1a1/2 by Insecticides, in Hepatic or Epidermal Cells: Binding Capability to the Ah Receptor. *Toxicology Letters* 96-97: 33-39.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Deo, P. G., Hasan, S. B., Krishnakumari, M. K., and Karanth, N. Gk (1995). Pirimiphos Methyl a Safe Insecticide. *Journal of scientific and industrial research (india)* 54: 495-511.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dep. for the Env., Transport and the Regions, London (UK), Readman, J., and Fileman, T. W. (eds) (2001). Inputs and Fluxes of Organic Micropollutants to the North Sea.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Desi, I., Dura, G., Gonczi, C., Kneffel, Z., Strohmayer, A., and Szabo, Z. (1974). Toxicological Studies With Malathion on Mammals, Aquatic Organisms and Tissue Cultures. *Egeszsegtudomány* 18: 236-249 (HUN) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Desmarchelier, J. M. (1988). Iodometric Calibration of Organophosphorus Insecticides and Measurement of Hydrolysis Products. *Pestic sci* 22: 277-286.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Devi, P. and Nizam, J. (1988). Occurrence of Abnormal Guard Cells on Leaves of *Ixora-Coccinea* Treated With Certain Agro Chemicals. *8th international congress of histochemistry and cytochemistry and the 39th annual meeting of the histochemical society, washington, d.c., Usa, july 31-august 5, 1988. J histochem cytochem* 36: 854.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Devillers, J., Chambon, P., Zakarya, D., Chastrette, M., and Chambon, R. (1987). A Predictive Structure-Toxicity Model With *Daphnia-Magna*. *Chemosphere* 16: 1149-1164.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Devonshire, A. L., Heidari, R., Bell, K. L., Campbell, P. M., Campbell, B. E., Odgers, W. A., Oakeshott, J. G., and Russell, R. J. (2003). Kinetic Efficiency of Mutant Carboxylesterases Implicated in Organophosphate Insecticide Resistance. *Pesticide Biochemistry and Physiology* 76: 1-13.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Di, H. J. and Aylmore, L. Ag (1997). Modeling the Probabilities of Groundwater Contamination by Pesticides. *Soil science society of america journal* 61: 17-23.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Di Muccio a, Cicero, A. M., Camoni, I., Pontecorvo, D., and Dommarco, R. (1987). On-Column Partition Cleanup of Fatty Extracts for Organophosphate Pesticide Residue Determination. *J assoc off anal chem* 70: 106-108.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Di Muccio a, Pelosi, P., Camoni, I., Barbini, D. A., Dommarco, R., Generali, T., and Ausili, A. (1996). Selective, Solid-Matrix Dispersion Extraction of Organophosphate Pesticide Residues From Milk. *Journal of chromatography a* 754: 497-506.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Diamantis, S. A., Morrell, D. S., and Burkhart, C. N. (Pediatric Infestations. *Pediatr Ann.* 2009, Jun; 38(6):326-32. [*Pediatric annals*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Diamantis, S. A., Morrell, D. S., and Burkhart, C. N. (Treatment of Head Lice. *Dermatol Ther.* 2009 Jul-Aug; 22(4):273-8. [*Dermatologic therapy*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Diaz-Mendez, I., Alhama, J., Pueyo, C., and Lopez-Barea, J. (1997). Fish 8-Oxo-Dg Levels as Biomarker of Oxidative Damages by Environmental Pollutants. *7th international conference on environmental mutagens, toulouse, france, september 7-12, 1997. Mutation research* 379: S168.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Dierksmeier, G. (1996). Pesticide Contamination in the Cuban Agricultural Environment. *Trends in analytical chemistry* 15: 154-159.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dierksmeier, G. F., Moreno, P. L., Martinez, K., Hernandez, R., Linares, C., The International Atomic Energy Agency (IAEA), The Intergovernmental Oceanographic Commission (IOC) of UNESCO, and The United Nations Environment Programme (UNEP) (1999). Environmental Behaviour of Pesticides in Rice Field Drainage Water Impact on the Coastal Zone.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dikshit, A. K. (1992). Safety Evaluations and Minimising Hazards for Environmental Safety. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 274.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dimitrov, P. L., Kambourova, M. S., Mandeva, R. D., and Emanuilova, E. I. (1997). Isolation and Characterization of Xylan-Degrading Alkali-Tolerant Thermophiles. *Fems microbiology letters* 157: 27-30.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Dittrich, V., Uk, S., and Ernst, G. H. (1990). Chemical Control and Insecticide Resistance of Whiteflies. *Gerling, d. (Ed.). Whiteflies: their bionomics, pest status and management. Xvi+348p. Intercept Ltd.: Andover, england, uk. Illus. Maps. Isbn 0-946707-16-2.* 0: 263-286.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dobbs, A. J. and Zabel, T. F. (1996). Water-Quality Control. *Petts, g. And p. Calow (ed.). River restoration: selected extracts from the rivers handbook. Vii+231p. Blackwell scientific publications: oxford, england, uk* Cambridge, massachusetts, usa. Isbn 0-86542-919-7.; 0: 44-59.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dogheim, S. M., Alla, S. Ag, El-Syes, S. Ma, Almaz, M. M., and Salama, E. Y. (1996). Organochlorine and Organophosphorus Pesticide Residues in Food From Egyptian Local Markets. *Journal of aoac international* 79: 949-952.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dogheim, S. M., Ashraf, E. M. M., Alla, S. A. G. , Khorshid, M. A., and Fahmy, S. M. (2004). Pesticides and Heavy Metals Levels in Egyptian Leafy Vegetables and Some Aromatic Medicinal Plants. *Food Additives & Contaminants [Food Addit. Contam.]. Vol. 21, no. 4, pp. 323-330. Apr 2004.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Dogheim, S. Ma, Riskallah, M. R., and Helmy, E. E. (1984-1985). Residual Behavior of Two Organophosphorus Pesticides on and in Orange Fruits. *Bull entomol soc egypt econ ser* 0: 113-118.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

- Doi, T., Sakaue, S., and Horiba, M. (1985). Analysis of Dextro Phenothrin and Its Optical Isomers in Technical Preparations and Formulations. *Association of official analytical chemists international pesticides analytical council symposium on analysis of pesticide products, impurities, and degradation materials held at the 98th annual international meeting of the association of official analytical chemists, washington, d.c., Usa, oct. 28-nov. 2, 1984. J assoc off anal chem* 68: 911-916.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Domagalski, J. (1997). Results of a Prototype Surface Water Network Design for Pesticides Developed for the San Joaquin River Basin, California. *Journal of hydrology (amsterdam)* 192: 33-50.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Donaldson, W., Price, A. H., and Morse, J. (1994). The Current Status and Future Prospects of the Texas Horned Lizard Phrynosoma Cornutum in Texas. *Texas journal of science* 46: 97-113.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Doong, Ruey-an and Chang, Wen-huei (1998). Photoassisted Iron Compound Catalytic Degradation of Organophosphorous Pesticides With Hydrogen Peroxide. *Chemosphere* 37: 2563-2572.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Doorn, J. A., Gage, D. A., Schall, M., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2000). Inhibition of Acetylcholinesterase by (1s,3s)-Isomalathion Proceeds With Loss of Thiomethyl: Kinetic and Mass Spectral Evidence for an Unexpected Primary Leaving Group. *Chemical Research in Toxicology [Chem. Res. Toxicol.]*. Vol. 13, no. 12, pp. 1313-1320. 18 Dec 2000.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Doorn, J. A., Schall, M., Gage, D. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. *. (2001). Identification of Butyrylcholinesterase Adducts After Inhibition With Isomalathion Using Mass Spectrometry: Difference in Mechanism Between (1 R)- and (1 S)-Stereoisomers. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 176, no. 2, pp. 73-80. 15 Oct 2001.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Doorn, J. A., Talley, T. T., Thompson, C. M., and Richardson, R. J. (2001). Probing the Active Sites of Butyrylcholinesterase and Cholesterol Esterase With Isomalathion: Conserved Stereoselective Inactivation of Serine Hydrolases Structurally Related to Acetylcholinesterase. *Chemical Research in Toxicology [Chem. Res. Toxicol.]*. Vol. 14, no. 7, pp. 807-813. Jul 2001.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Dourson, M. L. and Lu, F. C. (1995). Safety/Risk Assessment of Chemicals Compared for Different Expert Groups. *Biomedical and environmental sciences* 8: 1-13.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dover, M. J. and Croft, B. A. (1986). Pesticide Resistance and Public Policy. *Bioscience* 36: 78-85.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dowdy, D. L., Mckone, T. E., and Hsieh, D. Ph (1996). Prediction of Chemical Biotransfer of Organic Chemicals From Cattle Diet Into Beef and Milk Using the Molecular Connectivity Index. *Environmental science & technology* 30: 984-989.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Dowell, R. V., Wilson, W., and Hennessy, M. K. (1997). Toxicity of Sure dye to Beneficial Insects. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 66s-67s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Dowling, K. C. and Lemley, A. T. (1991). Evaluation of Organophosphate Insecticide Hydrolytic Detoxification by

- Conventional Means and Reactive Ion Exchange. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 124.
Chem Codes: Chemical of Concern: MLN Code : METHODS.
- Dowling, K. C. and Lemley, A. T. (1995). Organophosphate Insecticide Degradation by Non-Amended and Cupric Ion-Amended Fenton's Reagent in Aqueous Solution. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 30: 585-604.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Dowling, K. C. and Lemley, A. T. (1992). Susceptibility of Organophosphorous Insecticides to Degradation by Cupric and Ferrous-Ferric Ion Systems. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro116.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Draper, W. M., Dhoot, J. S., Dhaliwal, J. S., Remoy, J. W., Perea, S. K., and Baumann, F. J. (1998). Detection Limits of Organic Contaminants in Drinking Water. *American water works association journal* 90: 82-90.
Chem Codes : Chemical of Concern: MLN Code: METHODS.
- Dreistadt, S. H., Clark, J. K., and Flint, M. L. (1994). Pests of Landscape Trees and Shrubs an Integrated Pest Management Guide. *Dreistadt, s. H., J. K. Clark and m. L. Flint. Pests of landscape trees and shrubs: an integrated pest management guide. Vi+327p. University of california press: berkeley, california, usa. Isbn 1-879906-18-x. 0: Vi+327p.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Drevenkar, V., Frobe, Z., Vasilic, Z., Tkalcovic, B., and Stefanac, Z. (1979). The Rate of Urinary Excretion of Phosalone Residues in Occupationally Exposed Persons. *The Science of The Total Environment* 13: 235-243.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dribben, W. H. and Kirk, M. A. (2001). Organ Procurement and Successful Transplantation After Malathion Poisoning. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 39, no. 6, pp. 633-636. 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Drummond, R. O. and Whetstone, T. M. (1973). Lone Star Tick: Laboratory Tests of Acaricides. *J.Econ.Entomol.* 66: 1274-1276.
Chem Codes: Chemical of Concern:
MLN,DZ,PPX,CBL,TCF,RTN,TVP,CMPH,CYP,FNTH,TXP,ASTO,PSM,ETN,PPHD,HCCH Code: NO DURATION.
- Dryden, M. W. and Rust, M. K. (1994). The Cat Flea: Biology, Ecology and Control. *Veterinary parasitology* 52: 1-19.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Du, D., Huang, X., Cai, J., and Zhang, A. (Comparison of Pesticide Sensitivity by Electrochemical Test Based on Acetylcholinesterase Biosensor. *Biosens bioelectron. 2007, sep 30; 23(2):285-9. [Biosensors & bioelectronics]: Biosens Bioelectron.*
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS,NO SPECIES.
- Dua, V. K., Sharma, S. K., Srivastava, A., and Sharma, V. P. (Bioenvironmental Control of Industrial Malaria at Bharat Heavy Electricals Ltd., Hardwar, India: Results of a Nine-Year Study (1987-95).
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dube, M. G., Culp, J. M., and Scrimgeour, G. J. (1997). Nutrient Limitation and Herbivory: Processes Influenced by Bleached Kraft Pulp Mill Effluent. *Canadian Journal of Fisheries and Aquatic Sciences [CAN. J. FISH.*

- AQUAT. SCI.]. Vol. 54, no. 11, pp. 2584-2595. Nov 1997.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Dubois, K. P. (1961). Potentiation of the Toxicity of Organophosphorus Compounds. *Adv.Pest Control Res.* 4: 117-151.
Chem Codes: Chemical of Concern: DZ,MLN Code: REFS CHECKED/REVIEW.
- DuBois, K. P. (1971). The Toxicity of Organophosphorus Compounds to Mammals. *Bull.W.H.O.* 44: 233-240.
Chem Codes: Chemical of Concern: H3PO4,MLN Code: REFS CHECKED/REVIEW.
- Dudkowski, J. J. (1988). Emulsifiable Concentrates of Malathion With Inherent Low Eye-Irritation Properties Us Patent-4786632. November 22 1988. *Off gaz u s pat trademark off pat* 1096: 1982.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Dudley, D. R. and Karr, J. R. (1980). Pesticides and Pcb Residues in the Black Creek Watershed, Allen County, Indiana-1977-78. *Pestic.Monit.J.* 13: 155-157.
Chem Codes: Chemical of Concern: PCB,ACR,DDT,CBF,MLN Code: NO DURATION/SURVEY.
- Duhra, M. S., Hameed, S. F., and Nath, A. (1984). Effect of Washing on Insecticide Residues in Cauliflower Curds. ***Indian Journal of Nutrition and Dietetics [INDIAN J. NUTR. DIET.].*** Vol. 21, no. 4, pp. 124-128. 1984.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Duirk, S. E., Desetto, L. M., and Davis, G. M. (Fate of High Priority Pesticides During Drinking Water Treatment. *Govt Reports Announcements & Index (GRA&I), Issue 07, 2009.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Duke, J. A. (1992). Biting the Biocide Bullet. *James, I. F., Et al. (Ed.). Poisonous plants* Third international symposium, Logan, Utah, USA, 1988. Xv+661p. Iowa state university press: Ames, Iowa, USA. Illus. Maps. Isbn 0-8138-1241-0.; 0: 474-478.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Dukes, J. C., Hallmon, C. F., Shaffer, K. R., and Hester, P. G. (1990). Effects of Pressure and Flow Rate on Cythion Droplet Size Produced by Three Different Ground Ulv Aerosol Generators. *J am mosq control assoc* 6: 279-282.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Durak, D., Uzun, F. G., Kalender, S., Ogutcu, A., Uzunhisarcikli, M., and Kalender, Y. (Malathion-Induced Oxidative Stress in Human Erythrocytes and the Protective Effect of Vitamins C and E in Vitro. *Environ Toxicol.* 2009, Jun; 24(3):235-42. [*Environmental toxicology*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Dureja, P. and Parmar, B. S. (Mitigation of Environmental Hazards of Agrochemicals the Indian Scenario. *Dhaliwal, G. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, Chandigarh, India, November 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) Indian Ecological Society: Ludhiana, India; Centre for Research in Rural and Industrial Development: Chandigarh, India. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).; 0 (0). 1998. 521-534.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Durham, J. J., Ogata, J., Nakajima, S., Hagiwara, Y., and Shibamoto, T. (1999). Degradation of Organophosphorus Pesticides in Aqueous Extracts of Young Green Barley Leaves (*Hordeum vulgare* L.). *Journal of the science of food and agriculture* 79: 1311-1314.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Dutta, H. M., Datta-Munshi, J. S., and Roy, P. K. (1994). Malathion Induced Changes in Lymphatic System of a

- Catfish *Heteropneustes Fossilis* a Tem Observation. *Annual meeting of the american society of zoologists, 1994. American zoologist* 34: 9a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Dutta, H. M., Munishi, J. Sd, and Roy, P. K. (1997). Changes in the Gill's Sem Structures of Malathion Exposed Catfish *Heteropneustes Fossilis*. *Annual meeting of the society for integrative and comparative biology, boston, massachusetts, usa, january 3-7, 1998. American zoologist* 37: 134a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Dutta, H. M., Munshi, J. Sd, and Roy, P. K. (1993). Tem Study of Malathion Induced Changes in Gill of a Catfish *Heteropneustes Fossilis*. *Annual meeting of the american society of zoologists, los angeles, california, usa, december 26-30, 1993. American zoologist* 33: 150a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Dutta, K., Bhattacharyay, D., Mukherjee, A., Setford, S. J., Turner, A. P. F., and Sarkar, P. (2008). Detection of pesticide by polymeric enzyme electrodes. *Ecotoxicology and Environmental Safety* 69: 556-561.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Dyer, S. D., Belanger, S. E., and Carr, G. J. (1997). An Initial Evaluation of the Use of Euroorth American Fish Species for Tropical Effects Assessments. *Chemosphere* 35: 2767-2781.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Eason, C. T., Frampton, C. M., Henderson, R., Thomas, M. D., and Morgan, D. R. (1993). Sodium Monofluoroacetate and Alternative Toxins for Possum Control. *N.Z.J.Zool.* 20: 329-334.
Chem Codes: Chemical of Concern: BDF,NaFA,WFN,WDF,BML,MLN Code: REFS
 CHECKED/REVIEW.
- Easwaramoorthy, S. and Jayaraj, S. (Synergism of Insect Pathogens and Chemical Insecticides. *Jayaraj, s. (Ed.). Microbial control and pest management; meeting, coimbatore, india, x+278p. Tamil nadu agricultural university: coimbatore, india. Illus. Paper.; 0 (0). 1985 (recd. 1986). 189-194.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Eatock, R. A. and Ruesch, A. (1997). Developmental Changes in the Physiology of Hair Cells. *Seminars in cell & developmental biology* 8: 265-275.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- EchiburÚ, -Chau, C., and Calaf, G. M. (Rat Lung Cancer Induced by Malathion and Estrogen. *Int J Oncol.* 2008, Sep; 33(3):603-11. [*International journal of oncology*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Edwards, B. H., Paullin, J. N., and Coghlan-Jordan, K. (Emerging Technologies for the Control of Hazardous Wastes. *J hazard mater;* 12 (2). 1985 (recd. 1986). 201-205.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Edwards, C. A. and Bohlen, P. J. (1992). The Effects of Toxic Chemicals on Earthworms. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 125. ix+186p. Springer-verlag new york, inc.: New york, new york, usa Berlin, germany. Illus. Maps. Isbn 0-387-97762-7; isbn 3-540-97762-7.; 0: 23-99.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ehler L. E. and Kinsey M. G. (1993). Spatial Distribution of Progeny in a Parasitoid of a Gall Midge and Its Relevance to Applied Biological Control. *Biological Control* 3: 116-126.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Ehrich, M. and Correll, L. (1998). Inhibition of Carboxylesterases in Sh-Sy5y Human and Nb41a3 Mouse

- Neuroblastoma Cells by Organophosphorus Esters. *Journal of toxicology and environmental health part a* 53: 385-399.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ehrich, M., Correll, L., and Veronesi, B. (Acetylcholinesterase and Neuropathy Target Esterase Inhibitions in Neuroblastoma Cells to Distinguish Organophosphorus Compounds Causing Acute and Delayed Neurotoxicity. *Fundamental and applied toxicology*, vol. 38, no. 1, pages 55-63, 37 references, 1997.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ehrich, M., Correll, L., and Veronesi, B. (1994). Neuropathy Target Esterase Inhibition by Organophosphorus Esters in Human Neuroblastoma Cells. *Neurotoxicology (little rock)* 15: 309-314.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Eichelberger, J. W. and Lichtenberg, J. J. (1971). Carbon Adsorption for Recovery of Organic Pesticides. *J. Am. Wat. Works Assoc. Vol. 63, no. 1, pp. 25-27. 1971.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Eitzer, B. D. and Chevalier, A. (1999). Landscape Care Pesticide Residues in Residential Drinking Water Wells. *Bulletin of environmental contamination and toxicology* 62: 420-427 .
Chem Codes: Chemical of Concern: MLN Code: FATE.
- El-Aziz, T. A. (Monitoring of Some Pesticides Residues in Different Samples of Meat and Some Organs of Cattle. *J egypt public health assoc. 1996; 71(3-4):343-53. [The journal of the egyptian public health association]: J Egypt Public Health Assoc.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- El-Lakwah, F. A., Hamed, M. S., Darwish, A. A., and Shams El-Din, A. M. (1995). Determination of Certain Organochlorine and Organophosphorus Pesticide Residues in Home-Produced Tomatoes and Cucumbers Used for Consumption in Two Egyptian Governorates. *Annals of Agricultural Science, Moshtohor. Vol. 33, no. 1, pp. 399-407. 1995.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- El-Shahawi, M. S., Kiwan, A. M., Al-Daheri, S. M., and Saleh, M. H. (1995). The Retention Behaviour and Separation of Some Water-Soluble Organophosphorus Insecticides on Polyester-Based Polyurethane Foams. *Talanta* 42: 1471-1478.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.
- El-Zemaity, M. S. (1998). Degradation Behavior of Malathion and Fenitrothion Residues on Wheat and Barley Under Different Storage Systems in Saudi Arabia. *Bulletin of environmental contamination and toxicology* 60: 864-871 .
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Ellenson, W. D., Mukerjee, S., Stevens, R. K., Willis, R. D., Shadwick, D. S., Somerville, M. C., and Lewis, R. G. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: II. Assessment of Transboundary Pollution Transport and Other Activities by Air Quality Monitoring. *Environment international* 23: 643-655.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Elliott, M. (1976). Properties and Applications of Pyrethroids. *Environ.Health Perspect.* 14: 3-13.
Chem Codes: EcoReference No.: 111783
 Chemical of Concern:
 FNT,PIRE,MDT,FNT,TVP,AZ,PHSL,PSM,PRN,DDVP,DZ,AND,MLN,CBL,CHD,DDT,TXP,PTPMR,PMR,BRSM Code: REVIEW.
- Elston, D. M. (Treating Pediculosis--Those Nit-Picking Details. *Pediatr dermatol.* 2007 jul-aug; 24(4):415-6.

[*Pediatric dermatology*]: *Pediatr Dermatol*.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Engel, S. M., Berkowitz, G. S., Barr, D. B., Teitelbaum, S. L., Siskind, J., Meisel, S. J., Wetmur, J. G., and Wolff, M. S. (Prenatal Organophosphate Metabolite and Organochlorine Levels and Performance on the Brazelton Neonatal Behavioral Assessment Scale in a Multiethnic Pregnancy Cohort. *Am j epidemiol*. 2007, jun 15; 165(12):1397-404. [*American journal of epidemiology*]: *Am J Epidemiol*.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Enna, S. J. and Bylund, David B. (2007). Guanidinoethyl-Mercaptosuccinic Acid. 1.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Erdmann, F., Brose, C., and Schuetz, H. (1990). A Tlc Screening Program for 170 Commonly Used Pesticide Using the Corrected Rf Value (Rcf Value). *Int j leg med* 104: 25-32.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Erickson, R. J. and Mckim, J. M. (1990). A Simple Flow-Limited Model for Exchange of Organic Chemicals at Fish Gills. *Symposium on toxicokinetics, eighth annual meeting of the society of environmental toxicology and chemistry, pensacola, florida, usa, november 9-12, 1987. Environ toxicol chem* 9: 159-166.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

Erney, D. R. and Poole, C. F. (1993). A Study of Single Compound Additives to Minimize the Matrix Induced Chromatographic Response Enhancement Observed in the Gas Chromatography of Pesticide Residues. *Hrc (journal of high resolution chromatography)* 16: 501-503.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Eskenazi, B., Harley, K., Bradman, A., Weltzien, E., Jewell, N. P., Barr, D. B., Furlong, C. E., and Holland, N. T. (2004). Association of in Utero Organophosphate Pesticide Exposure and Fetal Growth and Length of Gestation in an Agricultural Population. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 112, no. 10, pp. 1116-1124. Jul 2004.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Eskenazi, B., Marks, A. R., Bradman, A., Harley, K., Barr, D. B., Johnson, C., Morga, N., and Jewell, N. P. (Organophosphate Pesticide Exposure and Neurodevelopment in Young Mexican-American Children. *Environ health perspect*. 2007, may; 115(5):792-8. [*Environmental health perspectives*]: *Environ Health Perspect*.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Espigares, M., Coca, C., Fernandez-Crehuet, M., Moreno, O., Bueno, A., and Galvez, R. (1997). Pesticide Concentrations in the Waters From a Section of the Guadalquivir River Basin, Spain. *Environmental toxicology and water quality* 12: 249-256.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Eto, M. (1997). Functions of Phosphorus Moiety in Agrochemical Molecules. *Bioscience biotechnology and biochemistry* 61: 1-11.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

European, A. N. D. Mediterranean Plant Protection Organization (1994). Guideline on Good Plant Protection Practice Potato. *Bulletin oepp* 24: 825-845.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Evans, H. E. and Kyte, W. S. (1993). The Impact of Recent Legislation on the Uk Generation Industry. *Chow, w. And k. K. Connor (ed.). Managing hazardous air pollutants: state of the art* First international conference, washington, d.c., Usa, november 4-6, 1991. Xix+582p. Lewis publishers inc.: Chelsea, michigan, usa. Isbn 0-87371-866-6.; 0: 44-57.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Evans, M. V., Power, F. W., Dary, C. C., Tornero-Velez, R., and Blancato, J. N. (Application of the Exposure Dose Estimating Model (Erdem) to Assessment of Dermal Exposure in the Rat to Malathion. *Toxicologist* 2004 mar;78(1-s):416-7: *Toxicologist*.

Chem Codes: Chemical of Concern: MLO Code: MODELING.

Everett, W. R. and Rechnitz, G. A. (1999). Enzyme-Based Electrochemical Biosensors for Determination of Organophosphorous and Carbamate Pesticides. *Analytical letters* 32: 1-10.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Fabritius, K. and Balasescu, M. (1996). Acute Non-Occupational Intoxications With Pesticides in Romania: a Comparative Study From 1988 to 1993. *Toxicology letters (shannon)* 88: 211-214.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Fahrig, R. (1974). Comparative Mutagenicity Studies With Pesticides. *IARC Sci.Publ.* 10: 161-181.

Chem Codes: Chemical of Concern:

MCPB,CBL,SZ,DQT,MP,Ziram,DMT,PCP,Folpt,Captan,MCPA,MLN,DZ,AND,EN,ES Code: REVIEW.

Falco, J. W., Brockway, D. L., Sampson, K. L., Kollig, H. P., and Maudsley, J. R. (1975). Models for Transport and Transformation of Malathion in Aquatic Systems.

Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.

Fan, A. M. and Jackson, R. J. (1989). Pesticides and Food Safety. *Regul toxicol pharmacol* 9: 158-174.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Fehringer, N. V. and Walters, S. M. (1986). Evaluation of Capillary Gas Chromatography for Pesticide and Industrial Chemical Residue Analysis Ii. Comparison of Quantitative Results Obtained on Capillary and Packed Columns. *J assoc off anal chem* 69: 90-93.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Fekete, dam, Vizi, E. Sylvester, Kovacs, Krisztina J., Lendvai, Balazs, and Zelles, Tibor (2008-). Layer-specific differences in reactive oxygen species levels after oxygen-glucose deprivation in acute hippocampal slices. *Free Radical Biology and Medicine* 44: 1010-1022.

Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Felkner, I. C. and Worthy, B. E. (1990). Microbiological Detection and Quantitation of Bioactive Compounds in Vegetation Matrix by Laser Light Scattering. *Fourth international symposium on biological and environmental reference materials, orlando, florida, usa, february 5-8, 1990. Fresenius' j anal chem* 338: 489-494.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Fendinger, N. J. and Glotfelty, D. E. (1990). Henry's Law Constants for Selected Pesticides, Pahs and Pcbs. *Environ toxicol chem* 9: 731-736.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Feng, H. T. (1986). Relative Toxicity of Several Insecticides to the Green Peach Aphid and the Turnip Aphid. *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN)].* Vol. 28, no. 2, pp. 163-170. 1986.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Fenoll, J., Hellin, P., Lopez, J., Gonzalez, A., and Flores, P. (2007). Determination of Pesticide Residues in Lettuce by Gas Chromatography with Electron-Capture Detection. *J.AOAC Int.* 90: 1670-1676.

Chem Codes: Chemical of Concern:

DMT,PZM,VCZ,FNT,MLN,PDM,IPD,BFT,LCYT,CYF,CYP,TAUF,DFC,DM,AZX Code: CHEM METHODS.

- Fenoll, J., Hellin, P., Martinez, C. M., and Flores, P. (2007). Pesticide Residue Analysis of Vegetables by Gas Chromatography with Electron-Capture Detection. *J.AOAC Int.* 90: 263-270.
Chem Codes: Chemical of Concern: TAUF,CYP,CYF,PRB,BFT,ESS,KRSM,OXF,MYC,HCZ,EFL,TFN,PZM,DZ,CPYM,TCM,MLN,TDF,PD M,ES,LCYT,DM,AZX Code: METHODS.
- Fenske, R. A. (1987). Assessment of Pesticide Applicator Exposure Through Simultaneous Biological Monitoring and Fluorescent Tracer Measurement of Dermal Deposition. *194th american chemical society national meeting, new orleans, louisiana, usa, august 30-september 4, 1987. Abstr pap am chem soc* 194: Agro 114.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. (1988). Correlation of Fluorescent Tracer Measurements of Dermal Exposure and Urinary Metabolite Excretion During Occupational Exposure to Malathion. *Am ind hyg assoc j* 49: 438-444.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. (1990). Nonuniform Dermal Deposition Patterns During Occupational Exposure to Pesticides. *Arch environ contam toxicol* 19: 332-337.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fenske, R. A. and Birnbaum, S. G. (1997). Second Generation Video Imaging Technique for Assessing Dermal Exposure (Vitae System). *American industrial hygiene association journal* 58: 636-645.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fernandez-Alba, A. R., Aguera, A., Contreras, M., Penuela, G., Ferrer, I., and Barcelo, D. (1998). Comparison of Various Sample Handling and Analytical Procedures for the Monitoring of Pesticides and Metabolites in Ground Waters. *Journal of chromatography a* 823: 35-47.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Fernandez-Muino, M. A., Sancho, M. T., Muniategui, S., Huidobro, J. F., and Simal-Lozano, J. (1995). Acaricide Residues in Honey: Analytical Methods and Levels Found. *Journal of food protection* 58: 449-454.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ferrari, Federico, Klein, Michael, Capri, Ettore, and Trevisan, Marco (2005). Prediction of Pesticide Volatilization With Pelmo 3.31. *Chemosphere* 60: 705-713.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Ferreira, J. R. and Silva Fernandes, A. M. (Gas-Liquid Chromatographic Determination of Organophosphorus Insecticide Residues in Fruits and Vegetables. *J assoc off anal chem.* 1980, may; 63(3):517-22. [*Journal - association of official analytical chemists*]: *J Assoc Off Anal Chem.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Ferrer, I. and Barcelo, D. (1998). Lc-MS Methods for Trace Determination of Pesticides in Environmental Samples. *Analusis* 26: M118-m122.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Ferretti, P. A., Smitley, D. R., Newport, S., and Carlson, W. H. (1991). Greenhouse Phytotoxicity and Residue Study of Insecticides on Bedding and Pot Plants. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience* 26: 750.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ffrench-Constant, R. H. and Bonning, B. C. (1989). Rapid Microtitre Plate Test Distinguishes Insecticide Resistant Acetylcholinesterase Genotypes in the Mosquitoes *Anopheles albimanus*, *An. nigerrimus* and *Culex pipiens*. *Med.Vet.Entomol.* 3: 9-16.
Chem Codes: Chemical of Concern: IRG,PPX,MLO Code: IN VITRO.

Ffrench-Constant, R. H. and Bonning, B. C. (Rapid Microtitre Plate Test Distinguishes Insecticide Resistant Acetylcholinesterase Genotypes in the Mosquitoes Anopheles Albimanus, an. Nigerrimus and Culex Pipiens. *Med vet entomol.* 1989, jan; 3(1):9-16. [*Medical and veterinary entomology*]: *Med Vet Entomol.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.

ffrench-Constant, Richard H. (2007). Which came first: insecticides or resistance? *Trends in Genetics* 23: 1-4.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.

Finizio, A., Vighi, M., and Sandroni, D. (1997). Determination of N-Octanol/Water Partition Coefficient (Kow) of Pesticide Critical Review and Comparison of Methods. *Chemosphere* 34: 131-161.
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Finlayson, B. J., Harrington, J. A., Fujimura, R., and Isaac, G. (1993). Identification of Methyl Parathion Toxicity in Colusa Basin Drain Water. *Environ toxicol chem* 12: 291-303.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Finlayson-Pitts, B. J. and Pitts, J. N Jr (1997). Tropospheric Air Pollution: Ozone, Airborne Toxics, Polycyclic Aromatic Hydrocarbons, and Particles. *Science (washington d c)* 276: 1045-1052.
Chem Codes: Chemical of Concern: MLN Code: FATE.

Fischer, A. B., Bigalke, B., Herr, C., and Eikmann, T. (1999). Pest Control in Public Institutions. *Toxicology letters (shannon)* 107: 75-80.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Fleming, L. E. and Timmeny, W. (1993). Aplastic Anemia and Pesticides: an Etiologic Association? *Journal of occupational medicine* 35: 1106-1116.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Flessel, P., Quintana, P. J. E., and Hooper, K. (1993). Genetic Toxicity of Malathion: a Review. *Environmental and Molecular Mutagenesis. Vol. 22, no. 1, pp. 7-17. 1993.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Flipo, Denis, Bernier, Jacques, Girard, Denis, Krzystyniak, Krzysztof, and Fournier, Michel (1992). Combined Effects of Selected Insecticides on Humoral Immune Response in Mice. *International Journal of Immunopharmacology* 14: 747-752.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Fodor-Csorba, K. (1992). Chromatographic Methods for the Determination of Pesticides in Foods. *J chromatogr* 624: 353-367.
Chem Codes: Chemical of Concern: MLN Code : METHODS.

Fogarty, A. M. and Tuovinen, O. H. (1991). Microbiological Degradation of Pesticides in Yard Waste Composting. *Microbiol rev* 55: 225-233.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.

Folmar, L. C. (1993). Effects of Chemical Contaminants on Blood Chemistry of Teleost Fish: A Bibliography and Synopsis of Selected Effects. *Environ.Toxicol.Chem.* 12 : 337-375.
Chem Codes: EcoReference No.: 108791
Chemical of Concern:
MRX,TOL,NO3,Cu,PAQT,MDT,Zn,Hg,Pb,Ni,Cd,NP,PL,NH,MLN,ADC,ATZ,THM,AND,EN,DLD,HCC
H,PCP,PCB,DDT,HCB,PAH,MOL,HPT,FNT Code: REVIEW.

Folmar, L. C. (1993). Effects of Chemical Contaminants on Blood Chemistry of Teleost Fish a Bibliography and Synopsis of Selected Effects. *Environ toxicol chem* 12: 337-375.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Font, G., Manes, J., Molto, J. C., and Pico, Y. (1993). Solid-Phase Extraction in Multi-Residue Pesticide Analysis of Water. *J chromatogr* 642: 135-161.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Font, Guillermina, Juan-García, Ana, Fernández, Monica, and Ruiz, María Jose (2008-). In vitro effect of organophosphate pesticides, Malathion and chlorpyrifos, on lipid peroxidation and antioxidant enzymes. *Toxicology Letters* 180: S103-S104.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Forrester, D. J., Davidson, W. R., Lange, R. E Jr, Stroud, R. K., Alexander, L. L., Franson, J. C., Haseltine, S. D., Littell, R. C., and Nesbitt, S. A. (1997). Winter Mortality of Common Loons in Florida Coastal Waters. *Journal of wildlife diseases* 33: 833-847.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Foster, G. D., Foreman, W. T., and Gates, P. M. (Performance of the Goulden Large-Sample Extractor in Multiclass Pesticide Isolation and Preconcentration From Stream Water.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Foster, G. D., Gates, P. M., Foreman, W. T., McKenzie, S. W., and Rinella, F. A. (1993). Determination of Dissolved-Phase Pesticides in Surface Water From the Yakima River Basin, Washington, Using the Goulden Large-Sample Extractor and Gas Chromatography/Mass Spectrometry. *Environ sci technol* 27: 1911-1917.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO EFFECT.
- Foster, G. D. and Lippa, K. A. (1996). Fluvial Loadings of Selected Organonitrogen and Organophosphorus Pesticides to Chesapeake Bay. *Journal of agricultural and food chemistry* 44: 2447-2454.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Foster, T. S. (Physiological and Biological Effects of Pesticide Residues in Poultry. *Residue rev.* 1974, 51() 69-121.
Chem Codes: Chemical of Concern: MLO Code : REVIEW.
- Fournier, E., Sonnier, M., and Dally, S. (1978). Detection and Assay of Organophosphate Pesticides in Human Blood by Gas Chromatography. *Clin.Toxicol.* 12: 457-462.
Chem Codes: Chemical of Concern: PRN,DMT,TCF,MLN,DDVP Code: HUMAN HEALTH.
- Frank, R., Braun, H. E., Clegg, B. S., Ripley, B. D., and Johnson, R. (1990). Survey of Farm Wells for Pesticides Ontario Canada 1986 and 1987. *Bull environ contam toxicol* 44: 410-419.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Braun, H. E., Ishida, K., and Suda, P. (1976). Persistent Organic and Inorganic Pesticide Residues in Orchard Soils and Vineyards of Southern Ontario. *Can.J.Soil Sci.* 56: 463-484.
Chem Codes: Chemical of Concern:
TVP,PSM,PHSL,PRN,MVP,MLN,Cu,CuS,Pb,ZnS,FBM,MZB,Maneb,Zineb,Captan,DDT,DCF,ES,EN,Folpet,DLD,MXC,DEM,DZ,DMT,ETN Code: FATE.
- Frank, R., Braun, H. E., and Ripley, B. D. (1989). Monitoring Ontario-Grown Apples for Pest Control Chemicals Used in Their Production, 1978-86. *Food Addit.Contam.* 6 : 227-234.
Chem Codes: Chemical of Concern:
DPA,ETN,MEM,MXC,PRN,PHSL,AZ,Captan,CAP,CBL,DMZ,DM,DZ,DCF,DMT,ES,FNV,MLN,MZB,MDT,PMR,PSM,PIM Code: SURVEY.
- Frank, R., Braun, H. E., and Ripley, B. D. (1990). Residues of Insecticides and Fungicides on Ontario-Grown Vegetables, 1986-1988. *Food addit contam* 7: 545-554.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.

- Frank, R., Braun, H. E., Suda, P., Ripley, B. D., Clegg, B. S., Beyaert, R. P., and Zilkey, B. F. (1987). Pesticide Residues and Metal Contents in Flue-Cured Tobacco and Tobacco Soils of Southern Ontario, Canada 1980-85. *Tob.Sci.* 31: 40-45.
Chem Codes: Chemical of Concern: TCF,PIM,OXD,MOM,MLN,ES,DZ,PMR,DM,CYP,CPY,ACP,MLX
Code: NO DURATION/SURVEY.
- Frank, R. and Logan, L. (1988). Pesticide and Industrial Chemical Residues at the Mouth of the Grand Saugeen and Thames Rivers Ontario Canada 1981-1985. *Arch environ contam toxicol* 17: 741-754.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Logan, L., and Clegg, B. S. (1991). Pesticide and Polychlorinated Biphenyl Residues in Waters at the Mouth of the Grand, Saugeen, and Thames Rivers, Ontario, Canada, 1986-1990. *Arch environ contam toxicol* 21: 585-595.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frank, R., Ripley, B. D., Braun, H. E., Clegg, B. S., Johnston, R., and O'Neill, T. J. (1987). Survey of Farm Wells for Pesticides Residues Southern Ontario Canada 1981-1982 1984. *Arch environ contam toxicol* 16: 1-8.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Frankenberger, jr W. T. and Tabatabai, M. A. (1991). Factors Affecting -Glutaminase Activity in Soils. *Soil Biology and Biochemistry* 23: 875-879.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Freedman, B. (1989). Environmental Ecology the Impacts of Pollution and Other Stresses on Ecosystem Structure and Function. *Freedman, b. Environmental ecology: the impacts of pollution and other stresses on ecosystem structure and function. X+424p. Academic press, inc.: San diego, california, usa* London, england, uk. Illus. Maps. Isbn 0-12-266540-6.; 0: X+424p.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Freemark, K. and Boutin, C. (1995). Impacts of Agricultural Herbicide Use on Terrestrial Wildlife in Temperate Landscapes: a Review With Special Reference to North America. *Agriculture ecosystems & environment* 52: 67-91.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Probe, Z., Drevenkar, V., Stengl, B., and Stefanac, Z. (1988). Oxygen-Flask Combustion of Accumulated Organophosphorus Pesticides for Monitoring Water Pollution. *Analytica Chimica Acta* 206: 313-332.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Fry, D. M., Nieberg, P. S., Stinnett, H., and Wilson, B. W. (Growth and Metabolism of Chick Embryo Muscle Cultures. Inhibition With Malathion and Other Organophosphorus Compounds. *Arch. Environ. Health* ; 26(2): 93-99; 1973 ; (ref:38).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Fu, Y. F., Han, Y. Z., Zhao, D. G., and Meng, F. J. (2000). Zearalenone and Flower Bud Formation in Thin-Cell Layers of Nicotiana Tabacum L. *Plant Growth Regulation*, 30 (3) pp. 271-274, 2000.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Fuentes, E., BÁute, Ez, M. E., QuiÑ, and Ones, A. (1945). Suitability of Microwave-Assisted Extraction Coupled With Solid-Phase Extraction for Organophosphorus Pesticide Determination in Olive Oil. *J Chromatogr A*. 2008, Oct 17 1207: A].
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Fukuto, T. R., Keadtisuke, S., and Dheranetra, W. (Mode of Delayed Toxicity of 0 0 S Trimethylphosphorothioate and Related Compounds. *196th american chemical society national meeting, los angeles, california, usa, september 25-30, 1988. Abstr pap am chem soc; 196 (0). 1988. Agro 23. Ab - biosis copyright: biol abs.*

- Rrm abstract rat malathion phenthoate insecticides impurities kidney tubular damage.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Fung, V. A., Huff, J., Weisburger, E. K., and Hoel, D. G. (1993). Predictive Strategies for Selecting 379 Nci Chemicals Evaluated for Carcinogenic Potential: Scientific and Public Health Impact. *Fundam appl toxicol* 20: 413-436.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Funk, W., Cleres, L., Pitzer, H., and Donnevert, G. (1989). Organophosphorus Insecticides: Quantitative Hptlc Determination and Characterization. *J planar chromatogr mod tlc* 2: 285-289 .
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Futagami, K., Tanaka, N., Nishimura, M., Tateishi, H., Aoyama, T., and Oishi, R. (1996). Relapse and Elevation of Blood Urea Nitrogen in Acute Fenitrothion and Malathion Poisoning. *International journal of clinical pharmacology and therapeutics* 34: 453-456.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Fytianos, K., Drimaropoulou, G., Raikos, N., Theodoridis, G., and Tsoukali, H. (Headspace Solid-Phase Microextraction for the Gas Chromatographic Analysis of Organophosphorus Insecticides in Vegetables. *J AOAC Int.* 2007 Nov-Dec; 90(6):1677-81. [*Journal of AOAC International*].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Fytianos, K., Samanidou, V., UNEP Mediterranean Action Plan, Athens (Greece), and FAO, Rome Italy (1991). Study of the Biogeochemical Cycle of Organophosphorus Pesticides in Thermaikos Gulf, Greece.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gabrielides, G. P. (1995). Pollution of the Mediterranean Sea. *Water science and technology* 32: 1-10.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gahukar, R. T. (1991). Control of Cotton Insect and Mite Pests in Subtropical Africa: Current Status and Future Needs. *Insect sci appl* 12: 313-338.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Gahukar, R. T. (1991). Recent Developments in Sorghum Entomology Research. *Evans, k. (Ed.). Agricultural zoology reviews, vol. 4. Xii+266p. Intercept ltd.: Andover, england, uk. Illus. Isbn 0-946707-31-6.* 0: 23-65.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Galindo Reyes, J. G., Guerrero Ibarra, M. A., Villagrana Lizarraga, C., Medina Jasso, A., and Munoz Rubi, H. A. (1994). (Effects of Pesticides Pollution on Penaeid Shrimps of Sinaloa, Mexico). *Cienc. Mar (Mazatlan). Vol. 1, no. 13, pp. 34-38. 1994.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Gallicchio, V. S., Casale, G. P., and Watts, T. (Inhibition of Human Bone Marrow-Derived Stem Cell Colony Formation (Cfu-E, Bfu-E, and Cfu-Gm) Following in Vitro Exposure to Organophosphates. *Exp hematol.* 1987, dec; 15(11):1099-102. [*Experimental hematology*]: *Exp Hematol.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Galloway, S. M., Armstrong, M. J., Reuben, C., Colman, S., Brown, B., Cannon, C., Bloom, A. D., Nakamura, F., Ahmed, M. and others (1987). Chromosome Aberrations and Sister Chromatid Exchanges in Chinese Hamster Ovary Cells Evaluations of 108 Chemicals. *Environ mol mutagen* 10: 1-175.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Galloway, T. and Handy, R. (2003). Immunotoxicity of Organophosphorous Pesticides. *Ecotoxicology [Ecotoxicology]. Vol. 12, no. 1-4, pp. 345-363. Feb-Aug 2003.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Gamboa, W. and Pohlan, J. (Strategies of Integrated Plant Protection for the Sustainable Cultivation of Chayote *Sechium Edule* Jacq. Schwartz in the Valley of Ujarras-Costa Rica. *Laux, w. (Ed.). Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 321; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 321); 50th german meeting on plant protection, muenster, germany, september 23-26, 1996. Lx+662p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3126-5.; 0 (321). 1996. 591.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Gandrass, J., Bormann, G., and Wilken, R. D. (1995). N-P-Pesticides in the Czech and Germ Part of the River Elbe- Analytical Methods and Trends of Pollution. *Fresenius' journal of analytical chemistry* 353: 70-74.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ganendran, A. and Balabaskaran, S. (Reactivation Studies on Organophosphate Inhibited Human Cholinesterases by Pralidoxime (P-2-Am). *Southeast asian j trop med public health. 1976, sep; 7(3):417-23. [The southeast asian journal of tropical medicine and public health]: Southeast Asian J Trop Med Public Health.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Gao, J. R., Rao, J. V., Wilde, G. E., and Zhu, K. Y. (Purification and Kinetic Analysis of Acetylcholinesterase From Western Corn Rootworm, *Diabrotica Virgifera* Virgifera (Coleoptera: Chrysomelidae). *Arch insect biochem physiol. 1998; 39(3):118-25. [Archives of insect biochemistry and physiology]: Arch Insect Biochem Physiol.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Gao, J. R. and Zhu, K. Y. (2002). Increased Expression of an Acetylcholinesterase Gene may Confer Organophosphate Resistance in the Greenbug, *Schizaphis graminum* (Homoptera: Aphididae). *Pestic.Biochem.Physiol. 73: 164-173.*
Chem Codes: Chemical of Concern: CPYO,OMT,MLO,MPO Code: IN VITRO.
- Garaj-Vrhovac, Vera and Zeljezic, Davor (2001). Cytogenetic Monitoring of Croatian Population Occupationally Exposed to a Complex Mixture of Pesticides. *Toxicology* 165: 153-162.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Garces-Garcia, Marta, Brun, Eva M., Puchades, Rosa, and Maquieira, Angel (2006). Immunochemical Determination of Four Organophosphorus Insecticide Residues in Olive Oil Using a Rapid Extraction Process. *Analytica Chimica Acta* 556: 347-354.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Garcia, A. M., Benavides, F. G., Fletcher, T., and Orts, E. (1998). Paternal Exposure to Pesticides and Congenital Malformations. *Scandinavian journal of work environment & health* 24: 473-480.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Garcia, M. A., Melgar, M. J., and Fernandez, M. I. (1994). Evidence for the Safety of Coumaphos, Diazinon and Malathion Residues in Honey. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]. Vol. 36, no. 5, pp. 429-432. 1994.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Gardner, M. J., Dobson, J. E., Griffiths, A. H., Jessep, M. A., and Ravenscroft, J. E. (1997). An Overview of the UK National Marine Analytical Quality Control (Nmaq) Scheme and Its Links With Quasimeme. *Marine pollution bulletin* 35: 125-132.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Garten, C. T. and Trabalka, J. R. (1983). Evaluation of Models for Predicting Terrestrial Food Chain Behavior of Xenobiotics. *Environ.Sci.Technol.* 17: 590-595.
Chem Codes: Chemical of Concern:

DZ,ADC,AND,AZ,BMY,HCCH,CBL,CHD,CPY,CPYM,CMPH,DDT,DMB,DLD,DMT,DU,ES,EN,ETN,MLN,MTZ,MXC,MRX,PPHD,PCL,TDZ,TXP,TPR,TFL,PCB Code: REFS CHECKED/REVIEW.

Gaultney, L. D., Howard, K. D., and Mulrooney, J. E. (Off-Target Drift With Air-Assisted Agricultural Sprayers. *Hopkinson, m. J., H. M. Collins and g. R. Goss (ed.). Astm stp, 1312. Pesticide formulations and applications systems: 16th volume; sixteenth symposium on pesticide formulations and application systems, norfolk, virginia, usa, november 14-15, 1995. Viii+216p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2035-4.; 0 (1312). 1996. 104-113.*
Chem Codes: Chemical of Concern: MLN Code: FATE.

Gautam, R. D. and Kataria, B. S. (Feasibility of Mass-Multiplication of White Tailed Mealy Bug *Ferrisia-Virgata* Cockerell Pseudococcidae Homoptera Its Parasitoid-Predator Complex Together With Bibliography. *J entomol res (new delhi); 10 (1). 1986 (recd. 1987). 1-18.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Geiger, C. P. and Calabrese, E. J. (1985). The Effects of Five Widely Used Pesticides on Erythrocytes of the Dorset Sheep, an Animal Model With Low Erythrocyte Glucose-6-Phosphate Dehydrogenase (G-6-Pd) Activity. *J. ENVIRON. SCI. HEALTH, PART A. Vol. A20, no. 5, pp. 521-527. 1985.*
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Gelardi, R. C. and Mountford, M. K. (1993). Infant Formulas Evidence of the Absence of Pesticide Residues. *Meeting of the american industrial health council on the domestic agenda for risk assessment, washington, d.c., Usa, december 1, 1992. Regul toxicol pharmacol 17: 181-192.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Geno, P. W., Camann, D. E., Harding, H. J., Villalobos, K., and Lewis, R. G. (1996). Handwipe Sampling and Analysis Procedure for the Measurement of Dermal Contact With Pesticides. *Archives of environmental contamination and toxicology 30: 132-138.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

George, V. and Patel, J. R. (1992). Mint *Mentha-Spicata* a Promising Botanical Protectant for Green Gram Against Pulse Beetle *Callosobruchus-Analis* F. *Indian j plant prot 20: 66-69.*
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.

Gerba, C. P. (1996). Principles of Toxicology. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-550660-0.; 0: 323-344.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gertig, H. (1981). Effect of Some Pesticides on Formation of Beta -Carotene. *Bromatologia i Chemia Toksykologiczna [BROMATOL. CHEM. TOKSYKOL.]. Vol. 14, no. 3&4, pp. 259-264. 1981.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Getenga, Z. M., Jondiko, J. I. O., and Wandiga, S. O. (2000). The Dissipation and Degradation of Methoxy-Superior 1 Superior 4c Malathion in Soil Under Tropical Conditions. *Toxicological and Environmental Chemistry, 77 (3-4) pp. 229-240, 2000.*
Chem Codes: Chemical of Concern: MLN Code: FATE.

Geyer, B. C., Woods, R. R., and Mor, T. S. (2008). Increased Organophosphate Scavenging in a Butyrylcholinesterase Mutant. *Chemico-Biological Interactions 175 : 376-379.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Ghezal, F. and Bennaceur, M. (Studies on Residues of 14c Malathion in Soils. *Govt reports announcements & index (gra&i), issue 05, 2092.*
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Ghezal, F., Miloudi, M. E. A., Bennaceur, M., and Zayed, S. M. A. (1997). Behaviour of Superior 1 Superior 4c-Malathion in North African Soils. *Analyst*, 122 (8) pp. 859-862, 1997.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Gifford, J. S., Buckland, S. J., Judd, M. C., Mcfarlane, P. N., and Anderson, S. M. (1996). Pentachlorophenol (Pcp), Pcd, Pcdf and Pesticide Concentrations in a Freshwater Lake Catchment. *Chemosphere* 32: 2097-2113.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Giles, R. H. Jr. (1970). The Ecology of a Small Forested Watershed Treated With the Insecticide Malathion-S35. *Wildl.Monogr.* 24: 81.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Gillespie, A. M. and Walters, S. M. (1986). High-Performance Silica Column Fractionation of Pesticides and Polychlorinated Biphenyls From Butterfat. *J liq chromatogr* 9: 2111-2142.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Gillespie, A. M. and Walters, S. M. (1991). Rapid Clean-up of Fat Extracts for Organophosphorus Pesticide Residue Determination Using Carbon-18 Solid-Phase Extraction Cartridges. *Anal chim acta* 245: 259-266.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Gillespie, A. M. and Walters, S. M. (1989). Semi-Preparative Reverse Phase Hplc Fractionation of Pesticides From Edible Fats and Oils. *J liq chromatogr* 12: 1687-1704.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gilliom, R. J., Barbash, J. E., Kolpin, D. W., and Larson, S. J. (1999). Testing Water Quality for Pesticide Pollution: U.S. Geological Survey Investigations Reveal Widespread Contamination of the Nation's Water Resources. *Environmental science & technology* 33: 164a-169a.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Gilot-Delhalle, J., Colizzi, A., Moutschen, J., and Moutschen-Dahmen, M. (1983). Mutagenicity of Some Organophosphorus Compounds at the Ade6 Locus of *Schizosaccharomyces Pombe*. *Mutation Research/Genetic Toxicology* 117: 139-148.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Gladen, B. C., Sandler, D. P., Zahm, S. H., Kamel, F., Rowland, A. S., and Alavanja, M. Cr (1998). Exposure Opportunities of Families of Farmer Pesticide Applicators. *American journal of industrial medicine* 34: 581-587.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Goetz, R., Bauer, O. H., Friesel, P., and Roch, K. (1998). Organic Trace Compounds in the Water of the River Elbe Near Hamburg: Part II. *Chemosphere* 36: 2103-2118.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gombar, V. K., Borgstedt, H. H., Enslein, K., Hart, J. B., and Blake, B. W. (1991). A Qsar Model of Teratogenesis. *Quant struct-act relat* 10: 306-332 .
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Gonring, A. H. R., Picanco, M., de Moura, M. F., Bacci, L., and Bruckner, C. H. (1999). Selectivity of Insecticides Used for the Control of *Grapholita Molesta* (Busch) (Lepidoptera: Olethreutidae) in Peach, to Predatory Vespidae. *Anais de Sociedade Entomologica do Brasil [An. Soc. Entomol. Bras.]*. Vol. 28, no. 2, pp. 301-306. Jun 1999.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Goodrich, J. A., Lykins, B. W Jr, and Clark, R. M. (1991). Drinking Water From Agriculturally Contaminated Groundwater. *J environ qual* 20: 707-717.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gopalan, N., Bhattacharya, B. K., Prakash, Shri, and Rao, K. M. (1997). Characterization of Carboxylesterases From Malathion-Resistant *Culex Quinquifasciatus* (Diptera: Culicidae) Mosquitoes. *Pesticide Biochemistry and Physiology* 57: 99-108.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gorham, J. R. (1974). Malathion and Naled as Mosquito Adulticides in Alaska. *Mosq News* 34: 286-290.

Chem Codes: Chemical of Concern: MLN, Naled Code: NO CONC.

Gould, F. (1991). Arthropod Behavior and the Efficacy of Plant Protectants. *Mittler, t. E., F. J. Radovsky and v. H. Resh (ed.). Annual review of entomology, vol. 36. ix+703p. Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-0136-6.* 0: 305-330.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Gould, W. P. (1998). Cold Torpor and Flight Threshold of *Anastrepha Suspensa* (Diptera: Tephritidae). *Florida entomologist* 81: 211-216.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Gozek, K. (1996). Residues of Malathion in Stored Grains. *Bulletin of environmental contamination and toxicology* 57: 544-548.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Graham, J. A. (1987). High-Performance Liquid Chromatography for Determination of Trace Organic Compounds in Aqueous Environmental Samples Assessment of Current and Future Capabilities. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and toxicity testing Symposium held at the 188th meeting of the american chemical society, philadelphia, pennsylvania, usa, august 29-31, 1984. Xvi+797p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-0951-0.* 0: 97-136.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Gratz, N. G. (1991). Emergency Control of *Aedes-Aegypti* as a Disease Vector in Urban Areas. *J am mosq control assoc* 7: 353-365.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Gratzel, C. K., Jirousek, M., and Gratzel, M. (1990). Decomposition of Organophosphorus Compounds on Photoactivated Titanium Dioxide Surfaces. *J mol catal* 60: 375-388.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Greene, F., Passananti, G. T., and Stevens, J. T. (1973). Binding of Malathion, Parathion, and Their Oxygenated Analogs to Cytochrome P-450 in the Rat. *Fed. Proc. Fed. Amer. Soc. Exp. Biol.* 32: 761.

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Greve, P. A., Freudenthal, J., and Wit, S. L. (1972). Potentially Hazardous Substances in Surface Waters. 2. Cholinesterase Inhibitors in Dutch Surface Waters. *Science of the Total Environment [Sci. Total Environ.]. Vol. 1, no. 3, pp. 253-265.* 1972.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Griesemer, R. A. and Cueto, C. Jr (Toward a Classification Scheme for Degrees of Experimental Evidence for the Carcinogenicity of Chemicals for Animals. *Iarc (int. Agency res. Cancer) sci. Publ.* 1980, 27() 259-281.

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Griffin, III Darrell E. and Hill, Walter E. (1978). In Vitro Breakage of Plasmid Dna by Mutagens and Pesticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 52: 161-169.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

- Griffini, O., Bao, M. L., Barbieri, C., Burrini, D., and Pantani, F. (1997). Occurrence of Pesticides in the Arno River and in Potable Water a Survey of the Period 1992-1995. *Bulletin of environmental contamination and toxicology* 59: 202-209.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Grimm, C. and Guharay, F. (1998). Control of Leaf-Footed Bug *Leptoglossus Zonatus* and Shield-Backed Bug *Pachycoris Klugii* With Entomopathogenic Fungi. *Biocontrol Science and Technology*, 8 (3) pp. 365-376, 1998.
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.
- Grisamore, S. B., Hile, J. P., and Otten, R. J. (1991). Pesticide Residues on Grain Products. *Cereal foods world* 36: 434-437.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Grob, K., Biedermann, M., and Giuffre, A. M. (1994). Determination of Organophosphorus Insecticides in Edible Oils and Fats by Splitless Injection of the Oil Into a Gas Chromatograph (Injector-Internal Headspace Analysis). *Zeitschrift fuer lebensmittel-untersuchung und -forschung* 198: 325-328.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gruber, S. J. and Munn, M. D. (1998). Organophosphate and Carbamate Insecticides in Agricultural Waters and Cholinesterase (Che) Inhibition in Common Carp (*Cyprinus Carpio*). *Arch. Environ. Contam. Toxicol.* 35: 391-396.
Chem Codes: Chemical of Concern: DZ,CPY,AZ,DS,CBL,MLN,EP Code: MIXTURE.
- Guddewar, Madhukar B. and Dauterman, Walter C. (1979). Purification and Properties of a Glutathione-S-Transferase From Corn Which Conjugates S-Triazine Herbicides. *Phytochemistry* 18: 735-740.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Guelden, M. and Seibert, H. (1996). Cytotoxic and Non-Cytotoxic Effects of the Meic Reference Chemicals on Spontaneously Contracting Primary Cultured Rat Skeletal Muscle Cells. *Toxicology in vitro* 10: 395-406.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Guha, A., Kumari, B., Bora, T. C., and Roy, M. K. (1997). Possible Involvement of Plasmids in Degradation of Malathion and Chlorpyrifos by *Micrococcus* Sp. *Folia microbiologica* 42: 574-576.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Guilbault, G. G. and Ngeh-Ngwainbi, J. (1988). Use of Protein Coatings on Piezoelectric Crystals for Assay of Gaseous Pollutants. *Hollenberg, c. P. And h. Sahm (ed.). Biotech, vol. 2. Biosensors and environmental biotechnology. Viii+149p. Vch publishers, inc.: New york, new york, usa Gustav fischer verlag: stuttgart, west germany. Illus. Paper. Isbn 0-89574-264-0; isbn 3-437-30579-4.; 0: 17-22.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Gunderson, E. L. (1995). Dietary Intake of Pesticides, Selected Elements, and Other Chemicals: Fda Total Diet Study, June 1984-April 1986. *Journal of aoac international* 78: 910-921.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Gunderson, E. L. (1995). Fda Total Diet Study, July 1986-April 1991, Dietary Intakes of Pesticides, Selected Elements, and Other Chemicals. *Journal of aoac international* 78: 1353-1363.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Gunther, Alexander and Bilitewski, Ursula (1995). Characterisation of Inhibitors of Acetylcholinesterase by an Automated Amperometric Flow-Injection System. *Analytica Chimica Acta* 300: 117-125.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Gupta, S. C., Sahai, R., and Gupta, N. (1988). Cytogenetic Effects of Malathion on Buffalo Blood Cultures. *Curr*

- sci (bangalore)* 57: 280-281.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Gupta, S. C., Sahai, R., and Gupta, N. (1996). Cytogenetic Effects of Organophosphate Pesticides on Goat Lymphocytes in Culture. *Asian-australasian journal of animal sciences* 9: 449-454.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Gupta, Vinod K., Jain, C. K., Ali, Imran, Chandra, S., and Agarwal, S. (2002). Removal of Lindane and Malathion From Wastewater Using Bagasse Fly Ash--a Sugar Industry Waste. *Water Research* 36: 2483-2490.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Guy, Richard H., Hadgraft, Jonathan, and Maibach, Howard I. (1983). Percutaneous Absorption: Multidose Pharmacokinetics. *International Journal of Pharmaceutics* 17: 23-28.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Guzzella, L. and Mingazzini, M. (1994). Biological Assaying of Organic Compounds in Surface Waters. *Water science and technology* 30: 113-124.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Guzzella, L. and Sora, S. (1998). Mutagenic Activity of Lake Water Samples Used as Drinking Water Resources in Northern Italy. *Water research* 32: 1733-1742.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Gwinn, M. R. and Weston, A. (:315-24 [Journal of toxicology and environmental health]). Application of Oligonucleotide Microarray Technology to Toxic Occupational Exposures. *J Toxicol Environ Health A*. 2008 71: Part A].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- HÚ, SkovÁ, R, MatisovÁ, E, HrouzkovÁ, S, and Svorc, L. (1934). Analysis of Pesticide Residues by Fast Gas Chromatography in Combination With Negative Chemical Ionization Mass Spectrometry. *J Chromatogr A*. 2009, Aug 28 1216: A].
Chem Codes: Chemical of Concern: MLN Code: FOOD,CHEM METHODS.
- Haas, C. N., Cidambi, K., Kersten, S., and Wright, K. (1996). Quantitative Description of Mixture Toxicity: Effect of Level of Response on Interactions. *Environmental toxicology and chemistry* 15: 1429-1437.
Chem Codes : Chemical of Concern: MLN Code: MODELING.
- Hagstrum, D. W. (1990). Simulations Comparing the Effectiveness of Various Stored-Grain Management Practices Used to Control Rhyzopertha Dominica (Coleoptera: Bostrichidae). Au - Flinn Pw. *Environ entomol* 19: 725-729.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Haley, K. J. and Mortensen, M. E. (1990). Intraosseous Infusion of Antidote in an Organophosphate Poisoned Child. *American association of poison control centers, american academy of clinical toxicology, american board of medical toxicology, canadian association of poison control centers scientific meeting, tucson, arizona, usa, september 14-18, 1990. Vet hum toxicol* 32: 370.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Halfon, E., Galassi, S., Bruggemann, R., and Provini, A. (1996). Selection of Priority Properties to Assess Environmental Hazard of Pesticides. *Chemosphere* 33: 1543-1562.
Chem Codes: Chemical of Concern: MLN Code : SURVEY.
- Hall, G. L., Whitehead, W. E., Mourer, C. R., and Shibamoto, T. (1986). A New Gas Chromatographic Retention Index for Pesticides and Related Compounds. *J high resolut chromatogr chromatogr commun* 9: 266-271.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Hall, L. W Jr and Anderson, R. D. (1995). The Influence of Salinity on the Toxicity of Various Classes of Chemicals to Aquatic Biota. *Critical reviews in toxicology* 25: 281-346.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hall, S. and Godwin-Saad, E. (1996). Effects of Pollutants on Freshwater Organisms. *Water environment research* 68: 776-784.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hallberg, G. R. (1989). Pesticide Pollution of Groundwater in the Humid Usa. *Agric ecosyst environ* 26: 299-368.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Halliday, W. R. (1991). Hydrolytic Resistance Mechanisms in Stored Product Insects. *Fourth chemical congress of north america, new york, new york, usa, august 25-30, 1991. Abstr pap am chem soc* 202: Agro 135.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Hama, H., Ando, S., Hosoda, A., Suzuki, K., and Takagi, Y. (1995). Insecticide Resistance in Cotton Aphid, *Aphis Gossypii* Glover (Homoptera: Aphididae) Iv. Susceptibility of Four Clones Separated From Vivipara of Field Populations to Various Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 39, no. 2, pp. 117-125. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Hamel, D. (Effectiveness of Organophosphorus Insecticides Against Stored-Product Insects in Wheat. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 350-351.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Haney, A. F., Hughes, Susan F., and Hughes, Jr. Claude L. (1984). Screening of Potential Reproductive Toxicants by Use of Porcine Granulosa Cell Cultures. *Toxicology* 30: 227-241.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hanna, P. A., Jankovic, J., and Kirkpatrick, J. B. (1999). Multiple System Atrophy: the Putative Causative Role of Environmental Toxins. *Archives of neurology* 56: 90-94.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Hansen, C. (The Use of Environmental Safety Factors in Denmark. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x; 0 (0). 1996. 537-548.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Hansen, L. B., Castillo, G. D., and Biehl, E. R. (Gas Chromatographic-Mass Spectrometric Characterization of an Alteration Product of Malathion Detected in Stored Rice. *J assoc off anal chem. 1981, sep; 64(5):1232-7. [Journal - association of official analytical chemists]: J Assoc Off Anal Chem.*
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Hardman, J. M., Rogers, R. E. L., and MacLellan, C. R. (1987). Pesticide Use and Levels of Insect and Scab Injury on Fruit in Nova Scotia Apple Orchards. *J.Econ.Entomol.* 80: 979-984.
Chem Codes: Chemical of Concern: CBL,MLN,DMT,PSM,FNV,PMR,AZ,PHSL Code: SURVEY.
- Hardt, I. H., Wolf, C., Gehrcke, B., Hochmuth, D. H., Pfaffenberger, B., and Huehnerfuss, H. (1994). Gas Chromatographic Enantiomer Separation of Agrochemicals and Polychlorinated Biphenyls Pcb's Using Modified Cyclodextrins. *Hrc journal of high resolution chromatography* 17: 859-864.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Harman-Fetcho, J. A., Mcconnell, L. L., and Baker, J. E. (1999). Agricultural Pesticides in the Patuxent River, a

- Tributary of the Chesapeake Bay. *Journal of environmental quality* 28: 928-938.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Harman-Fetcho, J. A., McConnell, L. L., Rice, C. P., and Baker, J. E. (2000). Wet Deposition and Air-Water Gas Exchange of Currently Used Pesticides to a Subestuary of the Chesapeake Bay. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 34, no. 8, pp. 1462-1468. 15 Apr 2000.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Harriman, R. and Pugh, K. B. (1994). Water Chemistry. *Maitland, p. S., P. J. Boon and d. S. Mclusky (ed.). The fresh waters of scotland: a national resource of international significance*. Xiv+639p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-94462-9.; 0: 89-112.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Harris, M. L., Bishop, C. A., Struger, J., Van, D. E. N. Heuvel Mr, Van, D. E. R. Kraak Gj, Dixon, D. G., Ripley, B., and Bogart, J. P. (1998). The Functional Integrity of Northern Leopard Frog (*Rana Pipiens*) and Green Frog (*Rana Clamitans*) Populations in Orchard Wetlands: I. Genetics, Physiology, and Biochemistry of Breeding Adults and Young-of-the-Year. *Environmental toxicology and chemistry* 17: 1338-1350.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Hart, A. L., Collier, W. A., and Janssen, D. (1997). The Response of Screen-Printed Enzyme Electrodes Containing Cholinesterases to Organo-Phosphates in Solution and From Commercial Formulations. *Biosensors & bioelectronics* 12: 645-654.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hart, J. P. and Wring, S. A. (1997). Recent Developments in the Design and Application of Screen-Printed Electrochemical Sensors for Biomedical, Environmental and Industrial Analyses. *Trends in analytical chemistry* 16: 89-103.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hartley, I. C. and Hart, J. P. (1994). Amperometric Measurement of Organophosphate Pesticides Using a Screen-Printed Disposable Sensor and Biosensor Based on Cobalt Phthalocyanine. *Analytical proceedings* 31: 333-337.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Harvey, R. G., Dekker, J. H., Fawcett, R. S., Roeth, F. W., and Wilson, R. G. (1987). Enhanced Biodegradation of Herbicides in Soil and Effects on Weed Control. *Weed Technol.* 1: 341-349.
Chem Codes: Chemical of Concern: MLN,CBF,CPY,BTY,EPTC Code: REVIEW.
- Haseman, J. K. and Clark, A. M. (1990). Carcinogenicity Results for 114 Laboratory Animal Studies Used to Assess the Predictivity of Four in Vitro Genetic Toxicity Assays for Rodent Carcinogenicity. *Environ mol mutagen suppl* 0: 15-31.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Hatakeyama, S., Shiraishi, H., and Uno, S. (1997). Overall Pesticide Effects on Growth and Emergence of Two Species of Ephemeroptera in a Model Stream Carrying Pesticide-Polluted River Water. *Ecotoxicology* 6: 167-180.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Hatrik, S. and Tekel, J. (1996). Extraction Methodology and Chromatography for the Determination of Residual Pesticides in Water. *Journal of chromatography a* 733: 217-233.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Haubenstricker, M. E., Meier, P. G., Mancy, K. H., and Brabec, M. J. (1990). Rapid Toxicity Testing Based on Yeast Respiratory Activity. *Bull environ contam toxicol* 44: 669-674 .
Chem Codes: Chemical of Concern: MLN Code: YEAST.

- He, F. (1999). Biological Monitoring of Exposure to Pesticides: Current Issues. *Toxicology letters (shannon)* 108: 277-283.
Chem Codes: Chemical of Concern: MLN Code : SURVEY.
- Hebling-Beraldo, M. J. A. and Vicelli-Zanao, R. C. (1983). Effects of Organophosphorus and Carbamates Insecticides on the Oxygen Consumption of *Atta Laevigata* (F. Smith, 1858) and *Atta Sexdens Rubropilosa* Forel 1908 (Hymenoptera, Formicidae). *CIENC. CULT.* Vol. 35, no. 2, pp. 211-214. 1983.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Heidari, R., Devonshire, A. L., Campbell, B. E., Bell, K. L., Dorrian, S. J., Oakeshott, J. G. , and Russell, Dr. R. J. (2004). Hydrolysis of Organophosphorus Insecticides by in Vitro Modified Carboxylesterase E3 From *Lucilia Cuprina*. *Insect Biochemistry and Molecular Biology* 34: 353-363.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Heidari, Rama, Devonshire, Alan L., Campbell, Bronwyn E., Dorrian, Susan J., Oakeshott, John G., and Russell, Robyn J. (2005). Hydrolysis of Pyrethroids by Carboxylesterases From *Lucilia Cuprina* and *Drosophila Melanogaster* With Active Sites Modified by in Vitro Mutagenesis. *Insect Biochemistry and Molecular Biology* 35: 597-609.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Heimbuch, J. A. and Wilhelmi, A. R. (Wet Air Oxidation a Treatment Means for Aqueous Hazardous Waste Streams. *J hazard mater*; 12 (2). 1985 (recd. 1986). 187-200.
Chem Codes: Chemical of Concern: MLN Code : METHODS.
- Hela, D. G., Lambropoulou, D. A., Konstantinou, I. K., and Albanis, T. A. (2005). Environmental Monitoring and Ecological Risk Assessment for Pesticide Contamination and Effects in Lake Pamvotis, Northwestern Greece. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 24, no. 6, pp. 1548-1556. Jun 2005.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hellawell, J. M. (1988). Toxic Substances in Rivers and Streams. *Environ pollut* 50: 61-86.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Hellmann, B. (Determination of Malathion and Malaaxon in Cereals.) Oznaczenie Malationu I Malaoksonu W Produktach Zbozowych. *Rocz. Panstw. Zakl. Hig.* 24(2): 175-179 1973.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Hemingway, J., Small, G. J., Monro, A., Sawyer, B. V., and Kasap, H. (1992). Insecticide Resistance Gene Frequencies in *Aphopheles Sacharovi* Populations of the Cukurova Plain, Adana Province, Turkey. *Medical and Veterinary Entomology [MED. VET. ENTOMOL.]*. Vol. 6, no. 4, pp. 342-348. 1992.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Hemingway, Janet (1985). Malathion Carboxylesterase Enzymes in *Anopheles Arabiensis* From Sudan. *Pesticide Biochemistry and Physiology* 23: 309-313.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hendriks, A. J., Pieters, H., and De Boer J (1998). Accumulation of Metals, Polycyclic (Halogenated) Aromatic Hydrocarbons, and Biocides in Zebra Mussel and Eel From the Rhine and Meuse Rivers. *Environmental toxicology and chemistry* 17: 1885-1898.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Henriques, W., Jeffers, R. D., Lacher, T. E Jr, and Kendall, R. J. (1997). Agrochemical Use on Banana Plantations in Latin America: Perspectives on Ecological Risk. *Environmental toxicology and chemistry* 16: 91-99.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Henry, B., Grant, S. G., Klopman, G., and Rosenkranz, H. S. (Induction of Forward Mutations at the Thymidine Kinase Locus of Mouse Lymphoma Cells: Evidence for Electrophilic and Non-Electrophilic Mechanisms. *Mutat res* 1998 feb 2;397(2):313-35. *Mutat Res* .
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Herkimer, M., Kinnear, D., Krauth, P., Loader, K., Okey, R., Rawlings, L., and Reynolds, F. (1998). Biomonitoring. *Water environment research* 70: 954-962.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- HernÁute, Ndez-Soriano, M. C., Mingorance, M. D., PeÑ, and A, A. (Dissipation of Insecticides in a Mediterranean Soil in the Presence of Wastewater and Surfactant Solutions. A Kinetic Model Approach. *Water Res.* 2009, May; 43(9):2481-92. [*Water research*].
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- HernÁute, Ndez-Soriano, M. C., PeÑ, A, A., and Mingorance, M. D. (Response Surface Methodology for the Microwave-Assisted Extraction of Insecticides From Soil Samples. *Anal bioanal chem.* 2007, sep; 389(2):619-30. [*Analytical and bioanalytical chemistry*]: *Anal Bioanal Chem*.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Hernandez, F., Serrano, R., Pitarch, E., and Lopez, F. J. (1998). Automated Sample Clean-up Procedure for Organophosphorus Pesticides in Several Aquatic Organisms Using Normal Phase Liquid Chromatography. *Analytica chimica acta* 374: 215-229.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hernandez-Hernandez, C. N. A., Valle-Mora, J., Santiesteban-Hernandez, A., and Bello-Mendoza, R. (2007). Comparative Ecological Risks of Pesticides Used in Plantation Production of Papaya: Application of the Synops Indicator. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 381, no. 1-3, pp. 112-125. 1 Aug 2007.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Hernandez-Hernandez, F., Grases, J. M., Beltran, J., and Sancho, J. V. (1990). A Comparative Study of Different Multiresidue Methods for the Determination of Pesticides in Fruit Samples by Gas Chromatography. *Chromatographia* 29: 459-466.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, and Lozano Garcia a (1988). New Data Concerning the Indirect Determination of the Insecticide Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 38: 355-361.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, and Rodriguez Martin V (1988). Application of the Formation of the Organophosphorus Palladium Complex Determination of Malathion by Atomic Absorption Spectrophotometry. *Microchem j* 37: 275-281.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hernandez Mendez J, Jimenez, D. E. Blas O, Rodriguez Martin V, and Sanchez Lopez E (1985). Indirect Determination of the Pesticide Malathion by Atomic Absorption Spectrophotometry. *Anal lett* 18: 2069-2081.
Chem Codes : Chemical of Concern: MLN Code: METHODS.
- Herricks, E. E. (1987). Symposium on the Effects of Contaminants on Ecological Systems Blacksburg Virginia Usa November 17-19 1986. *Water sci technol* 19: 1-124.
Chem Codes : Chemical of Concern: MLN Code: REVIEW.
- Hertzman, C., Wiens, M., Bowering, D., Snow, B., and Calne, D. (1990). Parkinson's Disease: a Case-Control Study

- of Occupational and Environmental Risk Factors. *Am j ind med* 17: 349-356.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Hester, T. W., Parkinson, L. C., Robson, J., Misra, S., Sangha, H., and Martin, J. E. (A hypothesis and model of reduced fetal movement as a common pathogenetic mechanism in clubfoot. *Medical Hypotheses* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: MLN Code: NO SOURCE.
- Hillmann, R. and Baechmann, K. (1995). Extraction of Pesticides Using Supercritical Trifluoromethane and Carbon Dioxide. *Journal of chromatography a* 695: 149-154.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hirvonen, M. R. and Savolainen, K. (1991). Malaoxon-Induced Convulsions and Alterations on Cerebral Inositol and Inositol-1-Phosphate Levels in Rats at Different Ages. *Toxicologist* 11: 312 (ABS).
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT/NOT PURSUING.
- Hiskia, A. E., Atmajidou, M. E., and Tsiipi, D. F. (1998). Determination of Organophosphorus Pesticide Residues in Greek Virgin Olive Oil by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 46: 570-574.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Hladka, A., Kovac, J., and Krampl, V. (Residue Determination of Organophosphorus Pesticides in Animal Tissues by Temperature Programmed Gc and Tlc Methods. *Fresenius' z. Anal. Chem.* 274(5): 371-373 1975..
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Hodgson, E. (1987). Reviews in Environmental Toxicology 3. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: Xi+287p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hoellinger, H., Sonnier, M., Gray, A. J., Connors, T. A., Pichon, J., and Nguyen-Hoang-Nam (1985). In Vitro Covalent Binding of Cismethrin, Bioresmethrin, and Their Common Alcohol to Hepatic Proteins. *Toxicology and Applied Pharmacology* 77: 11-18.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hoffman, E. R., Fishar, S. W., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Comparison of a Field and Derived Laboratory Population of Chironomus Riparius: Biochemical and Fitness Evidence for Population Divergence. **13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts. vp. 1992.**
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Hoffman, R. S., Capel, P. D., and Larson, S. J. (2000). Comparison of Pesticides in Eight U.s. Urban Streams. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]. Vol. 19, no. 9, pp. 2249-2258. Aug 2000.*
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Hofi, A. A., Fayed, A. E., Abou Arab a Ak, and Magdoub, M. Ni (1989). Influence of Insecticide Residues on Growth and Activity of Streptococcus-Diacetilactis and Leuconostoc-Cremoris. *Mircen j appl microbiol biotechnol* 5: 181-186.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Holland, P. T., Mcnaughton, D. E., and Malcolm, C. P. (1994). Multiresidue Analysis of Pesticides in Wines by Solid-Phase Extraction. *Journal of aoac international* 77: 79-86.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

- Hollingshaus, J. G. and Fukuto, T. R. (1982). Effect of Chronic Exposure to Pesticides on Delayed Neurotoxicity. *In: J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems, Raven Press, NY 85, 113-120.*
Chem Codes: Chemical of Concern: As,Pb,Hg,Ni,Tl,MLN Code: REVIEW.
- Holstege, D. M., Scharberg, D. L., Tor, E. R., Hart, L. C., and Galey, F. D. (1994). A Rapid Multiresidue Screen for Organophosphorus, Organochlorine, and N-Methyl Carbamate Insecticides in Plant and Animal Tissues. *Journal of aoac international* 77: 1263-1274.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Holwerda, B. C. and Morton, R. A. (1983). The in Vitro Degradation of (Super(14)C)Malathion by Enzymatic Extracts From Resistant and Susceptible Strains of Drosophila Melanogaster . *Pesticide Biochemistry and Physiology [PESTIC. BIOCHEM. PHYSIOL.]*. Vol. 20, no. 2, pp. 151-160. 1983.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Hong, F. and Pehkonen, S. (1997). Pesticides Hydrolysis Using Simulated Environmental Conditions Rates Mechanisms and Product Analysis. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Envr 80.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hong, J., Eo, Y., Rhee, J., Kim, T., and Kim, K. (1993). Simultaneous Analysis of 25 Pesticides in Crops Using Gas Chromatography and Their Identification by Gas Chromatography-Mass Spectrometry. *J chromatogr* 639: 261-271.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Hong, S. and Lemley, A. T. (1997). Gc-Ms Analysis of Alachlor Malathion and Their Degradation Products by Direct Injection of Aqueous Samples. *214th american chemical society national meeting, las vegas, nevada, usa, september 7-11, 1997. Abstracts of papers american chemical society* 214: Agro 66.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Honmi, Y., Miyata, T., and Saito, T. (1987). Cross Resistance in the Brown Planthopper, Nilaparvata Lugens Staal (Hemiptera: Delphacidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 31, no. 1, pp. 76-78. 1987.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Hontela, A., Rasmussen, J. B., and Chevalier, G. (1993). Endocrine Responses as Indicators of Sublethal Toxic Stress in Fish From Polluted Environments. *Water pollution research journal of canada* 28: 767-780.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hoogweg, P. Ha, Wulffraat, K. J., and Van, D. E. Wetering B Gm (1991). North Sea Strategies. *International conference on the environmental management of enclosed coastal seas '90, kobe, japan, august 3-6, 1990. Mar pollut bull* 23: 57-62.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Hooper, G. H. S. (1976). Esterase Mediated Hydrolysis of Naphthyl Esters, Malathion, Methoprene, and Cecropia Juvenile Hormone in Culex Pipiens Pipiens. *Insect Biochemistry* 6: 255-266.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM, IN VITRO.
- Hooven, L. A., Sherman, K. A., Butcher, S., and Giebultowicz, J. M. (Does the Clock Make the Poison? Circadian Variation in Response to Pesticides. *PLoS One. 2009; 4(7):e6469. [PloS one]*.
Chem Codes: Chemical of Concern: MLN Code: NO EFFECT.
- Hopper, M. L. and King, J. W. (1991). Enhanced Supercritical Fluid Carbon Dioxide Extraction of Pesticides From Foods Using Pelletized Diatomaceous Earth. *J assoc off anal chem* 74: 661-666.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Hopper, M. L., King, J. W., Johnson, J. H., Serino, A. A., and Butler, R. J. (1995). Multivessel Supercritical Fluid Extraction of Food Items in Total Diet Study. *Journal of aoac international* 78: 1072-1079.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Hornby, J. A., Robinson, J., Opp, W., and Sterling, M. (Laser-Diffraction Characterization of Flat-Fan Nozzles Used to Develop Aerosol Clouds of Aerially Applied Mosquito Adulticides. *J am mosq control assoc.* 2006, dec; 22(4):702-6. [*Journal of the american mosquito control association*]: *J Am Mosq Control Assoc.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Hornsby, A. G., Buttler, T. M., and Brown, R. B. (1993). Managing Pesticides for Crop Production and Water Quality Protection: Practical Grower Guides. *Agriculture ecosystems & environment* 46: 187-196.
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Hosoda, A. (1989). Incidence of Insecticide Resistance in the White-Backed Planthopper, Sogatella Furcifera Horvath (Homoptera: Delphacidae) to Organophosphates. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 33, no. 4, pp. 193-197. 1989.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Hosokawa, M., Maki, T., and Satoh, T. (1986). Multiplicity and Regulation of Three Isozymes of Hepatic Microsomal Carboxylesterase in Rats. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 174.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Hosokawa, M., Satoh, T., Ohkawara, S., Ohmori, S., Igarashi, T., Ueno, K., and Kitagawa, H. (1985). Characterization and Purification of Various Carboxylesterase Isozymes From Rat Liver Microsome. *16th symposium on drug metabolism and action, gifu, japan, nov. 9-10, 1984. J pharmacobiodyn* 8: S-155.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Hou, X., Fields, P., and Taylor, W. (2004). Combination of Protein-Rich Pea Flour and Pea Extract With Insecticides and Enzyme Inhibitors for Control of Stored-Product Beetles. *Canadian Entomologist [Can. Entomol.]*. Vol. 136, no. 4, pp. 581-590. Jul-Aug 2004.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Houk, Virginia S. and DeMarini, David M. (1987). Induction of Prophage Lambda by Chlorinated Pesticides. *Mutation Research/Environmental Mutagenesis and Related Subjects* 182: 193-201.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Hour, T. C., Chen, L., and Lin, J. K. (1998). Comparative Investigation on the Mutagenicities of Organophosphate, Phthalimide, Pyrethroid and Carbamate Insecticides by the Ames and Lactam Tests. *Mutagenesis* 13: 157-166.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- House, W. A., Leach, D., Long, J. L. A., Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers: U.K. Fluxes to the North Sea, Land Ocean Interaction Study (LOIS) Rivers Basins Research, the First Two Years. *Science of The Total Environment* 194-195: 357-371.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- House, W. A., Leach, D., Long, J. La, Cranwell, P., Smith, C., Bharwaj, L., Meharg, A., Ryland, G., Orr, D. O., and Wright, J. (1997). Micro-Organic Compounds in the Humber Rivers. *Science of the total environment* 194-195: 357-371.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- House, W. A., Rae, J. E., and Kimblin, R. T. (1992). Source-Sediment Controls on the Riverine Transport of

Pesticides.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Houx, N. W. H., Jongen, W. M. F., De Vries, A. W., Welling, W., and Dekker, A. (Analysis of Polar Metabolites of Organophosphorus Insecticides on an Anion-Exchange Chromatographic Column. *Pestic. Sci.* 10(3): 185-200 1979 (24 references).

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Howgate, P. (1998). Review of the Public Health Safety of Products From Aquaculture. *International journal of food science & technology* 33: 99-125.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Hoy, M. A. (1990). Pesticide Resistance in Arthropod Natural Enemies Variability and Selection Responses. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. Ix+303p. Routledge, chapman and hall: new york, new york, usa* London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 203-236.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Hsiao Cheng-Ting, Yang Chen-Chang, Deng Jou-Fang , Bullard, M. J., and Liaw Shiumn-Jen (1996). Acute Pancreatitis Following Organophosphate Intoxication. *Journal of Toxicology: Clinical Toxicology [J. TOXICOL.: CLIN. TOXICOL.]*. Vol. 34, no. 3, pp. 343-347. May 1996.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Huck, P. M. and Toft, P. (1987). Treatment of Drinking Water for Organic Contaminants Second National Conference Edmonton Alberta Canada April 7-8 1986. *Huck, p. M. And p. Toft (ed.). Treatment of drinking water for organic contaminants* Second national conference, edmonton, alberta, canada, april 7-8, 1986. Ix+383p. Pergamon press: new york, new york, usa; oxford, england, uk. Illus. Maps. Isbn 0-08-031876-2.; 0: Ix+383p.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Huddleston, E. W., Ledson, T. M., Ross, J. B., Sanderson, R., Miller, D. R., Steinke, W. E., Aylor, D. E., and Perry, S. G. (Development of a Pesticide Drift Model for Orchard Air-Blast Spraying. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x.; 0 (0). 1996. 1187-1192.*

Chem Codes: Chemical of Concern: MLN Code: FATE.

Huff, J. E., Bates, R., Eustis, S. L., Haseman, J. K., and McConnell, E. E. (1985). Malathion and Malaoxon: Histopathology Reexamination of the National Cancer Institute's Carcinogenesis Studies. *Environmental Research* 37: 154-173.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Husain, M. M. (1995). Combined Action of Piperonyl Butoxide and Some Insecticides on Tribolium Confusum Duval. *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 27, no. 4, pp. 377-378. 1995.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Huston, Patrick L. and Pignatello, Joseph J. (1999). Degradation of Selected Pesticide Active Ingredients and Commercial Formulations in Water by the Photo-Assisted Fenton Reaction. *Water Research* 33: 1238-1246.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Hutchinson, T. H., Scholz, N., and Guhl, W. (1998). Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iv - Comparative Toxicity of Chemical Substances to Freshwater Versus Saltwater Organisms. *Chemosphere* 36: 143-153.

Chem Codes: Chemical of Concern: MLN Code: MODELING.

- Hutchinson, T. H., Solbe, J., and Kloepper-Sams, P. J. (Analysis of the Ecetoc Aquatic Toxicity (Eat) Database. Iii - Comparative Toxicity of Chemical Substances to Different Life Stages of Aquatic Organisms.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Idriss, S. and Levitt, J. (Malathion for Head Lice and Scabies: Treatment and Safety Considerations. *J Drugs Dermatol.* 2009, Aug; 8(8):715-20. [*Journal of drugs in dermatology : JDD*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Igarashi, A., Ohtsu, S., Muroi, M., and Tanamoto, K. (2006). Effects of Possible Endocrine Disrupting Chemicals on Bacterial Component-Induced Activation of Nf-Kb. *Biol.Pharm.Bull.* 29: 2120-2122.
Chem Codes: Chemical of Concern:
ACR,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,TFN,VCZ,Ziram
Code: IN VITRO.
- Illing, H. Pa (1997). Is Working in Greenhouses Healthy? Evidence Concerning the Toxic Risks That Might Affect Greenhouse Workers. *Occupational medicine (london)* 47: 281-293.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Imamura, T., Gandy, J., and Hasegawa, L. (1985). Development of Tolerance to a Pneumotoxic Impurity of Malathion. *J toxicol environ health* 15: 279-292.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Imamura, Toshiko and Talcott, Ronald E. (1985). Mutagenic and Alkylating Activities of Organophosphate Impurities of Commercial Malathion. *Mutation Research/Genetic Toxicology* 155: 1-6.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ingram, J. C., Groenewold, G. S., Appelhans, A. D., Delmore, J. E., Olson, J. E., and Miller, D. L. (1997). Direct Surface Analysis of Pesticides on Soil, Leaves, Grass, and Stainless Steel by Static Secondary Ion Mass Spectrometry. *Environmental science & technology* 31: 402-408.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Inoue, S., Saito, T., Mase, H., Suzuki, Y., Takazawa, K., Yamamoto, I., and Inokuchi, S. (Rapid Simultaneous Determination for Organophosphorus Pesticides in Human Serum by Lc-Ms. *J pharm biomed anal.* 2007, may 9; 44(1):258-64. [*Journal of pharmaceutical and biomedical analysis*]: *J Pharm Biomed Anal.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,CHEM METHODS.
- Inoue, Y. and Mihara, M. (1975). Studies on the Japanese Chironomid Midges as a Nuisance. 1.larvicidal Effects of Some Organophosphorus Insecticides Against the Last Instar Larvae of Chironomus Yoshimatsui Martin and Sublette. *Jap. J. Sanit. Zool. Vol. 26, no. 2-3, pp. 135-138. 1975.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Iordanescu, O., Micu, R., Angelache, I., Blidaru, A., Snejana, D., Simeria, G., Draganescu, E., Beyers, T., Verberne, A., and Aerts, R. (2007). Pheromone Trap and Population Model-Based Control of the Codling Moth, *Cydia pomonella* L., in Romanian Apple Culture. *Commun.Agric.Appl.Biol.Sci.* 72: 603-609.
Chem Codes: Chemical of Concern: FYC,LCYT,CYP,MOIL,TAP,DFZ,MLN,DZ,CPYM,MFZ Code: MIXTURE.
- Ishaaya, I., Yablonski, S., Wright, J. E., and Retnakaran, A. (eds) (1987). Toxicity of Two Benzoylphenyl Ureas Against Insecticide Resistant Mealworms.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ishihara, Shiho, Matsumoto, Takuya, Onoki, Takamasa, Uddin, Mohammad Hafiz, Sohmura, Taiji, and Nakahira, Atsushi (Regulation of the protein-loading capacity of hydroxyapatite by mercaptosuccinic acid modification. *Acta Biomaterialia* In Press, Uncorrected Proof.
Chem Codes: Chemical of Concern: MLN Code: NO SOURCE.

- Isono, H. and Miyaoura, S. (Direct Detection of Glutathione-S-Transferase on a Gel Plate by Treatment With Glutathione and 1 Chloro-2 4-Dinitrobenzene. *Eisei kagaku*; 31 (6). 1985 (recd. 1986). 377-384.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Isshiki, K., Miyata, K., Matsui, S., Tsutsumi, M., and Watanabe, T. (1983). Effects of Post-Harvest Fungicides and Piperonyl Butoxide on the Acute Toxicity of Pesticides in Mice. Safety Evaluation for Intake of Food Additives. Iii. *J. FOOD HYG. SOC. JAP. Vol. 24, no. 3, pp. 268-274. 1983.*
Chem Codes: Chemical of Concern: MLN Code : NON-ENGLISH.
- Ivashin, V. M., Bandazhevsky, Y. u. I., Obozny, N. D., and Zakharchenko, R. G. (1989). Development of Addiction to Carbophos in the Offspring of Rats at Administration During Pregnancy. *FARMAKOL. TOKSIKOL. no. 1, pp. 87-89. 1989.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ivashin, V. M., Chumakova, O. V., Bandazhevsky, Y. I., Obozny, N. D., and Zakharchenko, R. G. (1991). Activity of Cholinesterase and Rate of Maturation of Sensomotor Reflexes in the Albino Rat Offspring Following Carbophos Administration During Pregnancy. *FARMAKOL. TOKSIKOL. Vol. 54, no. 2, pp. 80-81. 1991.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. Iv. Results With 15 Chemicals. *Environmental and molecular mutagenesis, vol. 14, no. 3, pages 165-187, 8 references, 1989.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ivett, J. L., Brown, B. M., Rodgers, C., Anderson, B. E., Resnick, M. A., and Zeiger, E. (Chromosomal Aberrations and Sister Chromatid Exchange Tests in Chinese Hamster Ovary Cells in Vitro. 4.results With 15 Chemicals. *Environ mol mutagen 14:165-187,1989: ENVIRON MOL MUTAGEN.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ivie, G. W. and Casida, J. E. (1971). Photosensitizers for the Accelerated Degradation of Chlorinated Cyclodienes and Other Insecticide Chemicals Exposed to Sunlight on Bean Leaves. *J.Agric.Food Chem. 19: 410-416.*
Chem Codes: Chemical of Concern: RTN,PPB,PIM,CBL,FNF,DDT,EN,DLD,AND,MLN,ATN,PPX
Code: NO EFFECT.
- Iyaniwura, T. T. (1990). In Vitro Toxicology of Organophosphorus Pesticide Combinations. *In vitro toxicol 3: 373-377.*
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Iyaniwura, T. T. (1991). Non-Target and Environmental Hazards of Pesticides. *Rev environ health 9: 161-176.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Iyer, V. and Parmar, B. S. (The Isomalathion Problem a Review. *Int j trop agric; 2 (3). 1984 (recd. 1985). 199-204.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Jackson, J. A., Berkman, C. E., and Thompson, C. M. (1992). Stereoselective and Chemoselective Oxidation of Phosphorothionates Using Mmpp. *Tetrahedron lett 33: 6061-6064.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Jadhav, R. K., Sharma, V. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1992). Distribution of Malathion in Body Tissues and Fluids. *Forensic sci int 52: 223-229.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Jaffe, P. R. (1986). Modeling Sorbing Chemicals Considering the Nonsingular Adsorption-Desorption Isotherm. *J environ sci health part a environ sci eng 21: 55-70.*

Chem Codes : Chemical of Concern: MLN Code: MODELING.

Jain, N. C., Fontan, C. R., and Kirk, P. L. (1965). Simplified Gas Chromatographic Analysis of Pesticides from Blood. *J.Pharm.Pharmacol.* 17: 362-367.

Chem Codes: Chemical of Concern: DS,DDT,MLN,DZ,PRN Code: REFS CHECKED/REVIEW.

Jamal, G. A. (1997). Neurological Syndromes of Organophosphorus Compounds. *Adverse drug reactions and toxicological reviews* 16: 133-170.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Jani, J. P., Gupta, S. K., and Kashyap, S. K. (Nutritional Deficiency and Pesticide Toxicity an Experimental Study. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol*; 16 (1). 1984 (recd. 1985). 58.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Javaid, I. and Mpotokwane, S. M. (1997). Evaluation of Plant Material for the Control of Callosobruchus Maculatus Fabricius Coleoptera Bruchidae in Cowpea Seeds. *African entomology* 5: 357-359.

Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.

Jayawardena, K. G. I., Karunaratne SHPP, Ketterman, A. J., and Hemingway, J. *. (1994). Determination of the Role of Elevated B Sub(2) Esterase in Insecticide Resistance in Culex Quinquefasciatus (Diptera: Culicidae) From Studies on the Purified Enzyme. *Bulletin of Entomological Research [BULL. ENTOMOL. RES.]*. Vol. 84, no. 1, pp. 39-44. 1994.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Jeanty, G., Wojciechowska, A., Marty, J. L., and Trojanowicz, M. (Flow-Injection Amperometric Determination of Pesticides on the Basis of Their Inhibition of Immobilized Acetylcholinesterases of Different Origin. *Anal bioanal chem.* 2002, apr; 373(8):691-5. [Analytical and bioanalytical chemistry]: Anal Bioanal Chem.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Jensen, E. (1992). Integrated Pest Management at the Grower Level. *International meeting on integrated control of pests and diseases in protected crops and greenhouses, noordwijkerhout, netherlands, may 19-20, 1992. Pestic sci* 36: 355-357.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Jensen, I. H. and Bile, N. (1996). Danish Pest Infestation Laboratory Annual Report 1995. *Danish pest infestation laboratory annual report 1995*: I-ii, 1-85.

Chem Codes: Chemical of Concern: MLN Code : ABSTRACT.

Jetten, J., De Kruijf N, and Van, D. E. N. Berg F (1994). Polyethylene Terephthalate Bottles (Prbs): a Health and Safety Assessment. Au - Feron Vj. *Food additives and contaminants* 11: 571-594.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Jianmongkol, S., Berkman, C. E., Thompson, C. M. , and Richardson, R. J. *. (1996). Relative Potencies of the Four Stereoisomers of Isomalathion for Inhibition of Hen Brain Acetylcholinesterase and Neurotoxic Esterase in Vitro. *Toxicology and Applied Pharmacology [TOXICOL. APPL. PHARMACOL.]*. Vol. 139, no. 2, pp. 342-348. Aug 1996.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Jianmongkol, Suree, Marable, Brian R., Berkman, Clifford E., Talley, Todd T., Thompson, Charles M., and Richardson, Rudy J. (1999). Kinetic Evidence for Different Mechanisms of Acetylcholinesterase Inhibition by (1r)- and (1s)-Stereoisomers of Isomalathion. *Toxicology and Applied Pharmacology* 155: 43-53.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Martin, M. T., and Mayorga, A. L. (1998). Solid-Phase Microextraction

Applied to the Analysis of Pesticide Residues in Honey Using Gas Chromatography With Electron-Capture Detection. *Journal of chromatography a* 829: 269-277.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Jimenez, J. J., Bernal, J. L., Del Nozal Mj, Toribio, L., and Martin, M. T. (1998). Gas Chromatography With Electron-Capture and Nitrogen-Phosphorus Detection in the Analysis of Pesticides in Honey After Elution From a Florisil Column: Influence of the Honey Matrix on the Quantitative Results. *Journal of chromatography a* 823: 381-387.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Jin, O. and Kitos, P. (1996). Teratogenic Synergy Between a Thiocarbamate Herbicide and an Organophosphorus Insecticide. *Experimental biology 96, part ii, washington, d.c., Usa, april 14-17, 1996. Faseb journal* 10: A792.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Jinxu, S., Bo, C., and Peipei, Y. (2005). Assessment on Acute Toxicity of Combined Pesticides. *J.Hyg.Res.(Wei Sheng Yan Jiu)* 29: 65-68 (CHI) (ENG ABS).

Chem Codes: Chemical of Concern: MOM,OMT,ACYP,DM,MP,DDVP,MTM,PFF,MLN Code: NON-ENGLISH.

Johansen, N. G., Hutte, R. S., and Legier, M. F. (1991). A Gas Chromatography Detector Based on Chemiluminescence for the Determination of Pesticides. *Hall, j. R. And g. D. Glysson (ed.). Astm (american society for testing materials) special technical publication, 1102. Monitoring water in the 1990's: meeting new challenges Symposium, denver, colorado, usa, june 11-14, 1990. Viii+618p. Astm: philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1407-9.; 0: 255-266.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Johnson, J. C., Van Emon Jm, Pullman, D. R., and Keeper, K. R. (1998). Development and Evaluation of Antisera for Detection of the O,O-Diethyl Phosphorothionate and Phosphorothionothiolate Organophosphorus Pesticides by Immunoassay. *Journal of agricultural and food chemistry* 46: 3116-3123.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Johnson, P. D., Rimmer, D. A., and Brown, R. H. (1997). Adaptation and Application of a Multi-Residue Method for the Determination of a Range of Pesticides, Including Phenoxy Acid Herbicides in Vegetation, Based on High-Resolution Gel Permeation Chromatographic Clean-up and Gas Chromatographic Analysis With Mass-Selective Detection. *Journal of chromatography a* 765: 3-11.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Johnson, T. B. and Long, E. R. (1998). Rapid Toxicity Assessment of Sediments From Estuarine Ecosystems: a New Tandem in Vitro Testing Approach. *Environmental toxicology and chemistry* 17: 1099-1106.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Johnson, W. E., Fendinger, N. J., and Plimmer, J. R. (1991). Solid-Phase Extraction of Pesticides From Water: Possible Interferences From Dissolved Organic Material. *Anal chem* 63: 1510-1513.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).

Chem Codes: Chemical of Concern:

EDT,RSM,Captan,CBF,CBL,DFZ,PSM,24DXY,ACP,ACR,AZ,BS,Captan,CMPH,CPY,DBN,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,MDT,MLN,MLT,MOM,MP,Naled,OYZ,PRT,SZ,TBC,TPR,As,P b Code: PUBL AS.

Johnston, Gail (1995). The Study of Interactive Effects of Pollutants: a Biomarker Approach: Environmental

- Toxicology: Hazards to the Environment and Man in the Mediterranean Region. *Science of The Total Environment* 171: 205-212.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Jones, F. W. (1996). Multiresidue Analysis of Pesticides in Wool Wax and Lanolin Using Gel Permeation and Gas Chromatography. *Journal of agricultural and food chemistry* 44: 3197-3201.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Jones, F. W. (1997). The Removal of Pesticide Residues From Wool Wax by Solvent Extraction. *Journal of the american oil chemists' society* 74: 1241-1245.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.
- Jones, F. W. (1997). Removal Pesticides From Wool Wax by Continuous Countercurrent Dual-Solvent Extraction. *Journal of the american oil chemists' society* 74: 1247-1253.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.
- Jones, K. L. and Heath, R. T. (1989). The Effect of Malathion on Dissolved Organic Phosphorus Compounds of an Acid Bog Lake. *Ohio Journal of Science [OHIO J. SCI.]*. Vol. 89, no. 2, 44 p. 1989.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Jongenotter, G. A., Kerkhoff, M. At, Van, D. E. R. Knaap H Cm, and Vandeginste, B. Gm (Automated on-Line Gpc-Gc-Fpd Involving Co-Solvent Trapping and the on-Column Interface for the Determination of Organophosphorus Pesticides in Olive Oils.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Jortner, Bernard S. (2006). The Return of the Dark Neuron. A Histological Artifact Complicating Contemporary Neurotoxicologic Evaluation. *NeuroToxicology* 27: 628-634.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Juhler, R. K. (1997). Optimized Method for the Determination of Organophosphorus Pesticides in Meat and Fatty Matrices. *Journal of chromatography a* 786: 145-153.
Chem Codes : Chemical of Concern: MLN Code: NO TOX DATA.
- Juhler, R. K., Lauridsen, M. Green, Christensen, M. Rindom, and Hilbert, G. (1999). Pesticide Residues in Selected Food Commodities: Results From the Danish National Pesticide Monitoring Program 1995-1996. *Journal of aoac international* 82: 337-358.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Jurs, P. C., Stouch, T. R., Czerwinski, M., and Narvaez, J. N. (1985). Computer-Assisted Studies of Molecular Structure-Biological Activity Relationships. *J chem inf comput sci* 25: 296-308.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kadoun, A. M. and Sae, S. W. (A Simple Agar Gel Electrophoretic Method to Investigate Esterase Inhibition in Certain Stored Grain Insects by Malathion and Its Oxygen Analogue. *Bull. Environ. Contam. Toxicol.*; 5(3): 237-42, 1970; (ref:5).
Chem Codes: Chemical of Concern: MLO Code : IN VITRO.
- Kahn, E., Berlin, M., Deane, M., Jackson, R. J., and Stratton, J. W. (1992). Assessment of Acute Health Effects From the Medfly Eradication Project in Santa Clara County, California. *Arch environ health* 47: 279-284.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kahru, A., Tomson, K., Pall, T., and Kulm, I. (1996). Study of Toxicity of Pesticides Using Luminescent Bacteria Photobacterium Phosphoreum. *Water Science and Technology* 33: 147-154.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

- Kamal, M. A. (1997). Effect of Malathion on Kinetic Parameters of Acetylcholinesterase (Ec 3.1.1.7) In Vitro. *Biochemistry and molecular biology international* 43: 89-97.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kamimura, K. and Maruyama, Y. (1983). Appearance of Highly Resistant Strain of Culex Tritaeniorhynchus to Organophosphorus Insecticides. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 34, no. 1, pp. 33-37. 1983.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kamiya, M. and Kameyama, K. (1998). Photochemical Effects of Humic Substances on the Degradation of Organophosphorus Pesticides. *Chemosphere* 36: 2337-2344.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kammerbauer, J. and Moncada, J. (1998). Pesticide Residue Assessment in Three Selected Agricultural Production Systems in the Choluteca River Basin of Honduras. *Environmental pollution* 103: 171-181.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Kamrin, M. A. (1997). Pesticide Profiles Toxicity Environmental Impact and Fate. *Kamrin, m. A. (Ed.). Pesticide profiles: toxicity, environmental impact, and fate. Xix+676p. Crc press publishers inc.: Boca raton, florida, usa* London, england, uk. Isbn 1-56670-190-2.; 0: Xix+676p.
Chem Codes : Chemical of Concern: MLN Code: REVIEW.
- Kan-Do Office and Pesticides Team (1995). Accumulated Pesticide and Industrial Chemical Findings From a Ten-Year Study of Ready-to-Eat Foods. *Journal of aoac international* 78: 614-630.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kanayama, T., Kobayashi, N., Marniya, S., Nakanishi, T., and Nishikawa, J. I. (2005). Organotin Compounds Promote Adipocyte Differentiation as Agonists of the Peroxisome Proliferator-Activated Receptor gamma/Retinoid X Receptor Pathway. *Mol.Pharmacol.* 67: 766-774.
Chem Codes: Chemical of Concern: HCCH,MXC,ADC,BAP,TBT,NYP,24DC,DCF,MLN,TFN,AMTL,PCP,ACR,SL,24D,PMR,Ziram,MZB,M aneb,MOM,CBL,VCZ Code: IN VITRO.
- Kanazawa, J. (1987). Biodegradability of Pesticides in Water by Microbes in Activated Sludge Soil and Sediment. *Environ monit assess* 9: 57-70 .
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kandoria, J. L. and Singh, H. (Effect of Ulv Sprayers on the Size and Density of Droplets of Malathion Lvc. *Indian j entomol*; 46 (1). 1984 (recd. 1987). 92-100.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Kao, Chao-Hsing and Sun, Chih-Ning (1991). In Vitro Degradation of Some Organophosphorus Insecticides by Susceptible and Resistant Diamondback Moth. *Pesticide Biochemistry and Physiology* 41: 132-141.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Kao, L. R., Motoyama, N., and Dauterman, W. C. (1985). Multiple Forms of Esterases in Mouse, Rat, and Rabbit Liver, and Their Role in Hydrolysis of Organophosphorus and Pyrethroid Insecticides. *Pesticide Biochemistry and Physiology* 23: 66-73.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kao, S. S. and Tzeng, C. C. (1985). Results of Laboratory Tests on the Toxicity of 24 Pesticides Against Pupae of Trichogramma Chilonis Ishii (Hymenoptera, Trichogrammatidae). *Bulletin of the Society of Entomology National Chung Hsing [BULL. SOC. ENTOMOL., NATL. CHUNG HSING UNIV.]*. Vol. 18, pp. 13-24. 1985.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

- Kao Suey-Sheng and Tzeng Ching-Chou (1992). A Survey of the Susceptibility of Rice Moth (*Corcyra Cephalonica*) and Angoumois Moth (*Sitotroga Cerealella*) to Malathion and Phoxim. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 12, no. 4, pp. 239-245. 1992.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kapoli, Panagiota, Axarli, Irene A., Platis, Dimitris, Fragoulaki, Maria, Paine, Mark, Hemingway, Janet, Vontas, John, and Labrou, Nikolaos E. (2008-). Engineering sensitive glutathione transferase for the detection of xenobiotics. *Biosensors and Bioelectronics* 24: 498-503.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Karazafiris, E., Menkissoglu-Spiroudi, U., and Thrasyvoulou, A. (:17-21 [Journal of chromatography]. New Multiresidue Method Using Solid-Phase Extraction and Gas Chromatography-Micro-Electron-Capture Detection for Pesticide Residues Analysis in Royal Jelly. *J Chromatogr A*. 2008, Oct 31 1209: A].
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Karimov, B. K., Keyser, D., Huehnerfuss, H., and Moeller, K. (1998). Combined Toxicity of Heavy Metals and Pesticides on Embryonic and Larval Stages of Carp (*Cyprinus Carpio* L.) In Salinized Water.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Karpas, Z. and Pollevoy, Y. (1992). Ion Mobility Spectrometric Studies of Organophosphorus Compounds. *Anal chim acta* 259: 333-338.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kashyap, N. P. and Walia, P. C. (Dissipation of Malathion and Fenitrothion Residues on Okra Fruits. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 23-25.*
Chem Codes: Chemical of Concern: MLN Code: FATE, NO TOX DATA.
- Kashyap, N. P. and Walia, P. C. (1986). Insecticide Residues on Okra. *Goel, s. C. (Ed.). Insect and environment, vol. 2. Pesticide residues and environmental pollution* National symposium, muzaffarnagar, india, october 2-4, 1985. Xxii+293p. Sanatan dharm college: muzaffarnagar, india. Illus.; 0: 45-49.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Kashyap, S. K. (1986). Health Surveillance and Biological Monitoring of Pesticide Formulators in India. *Toxicology Letters* 33: 107-114.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kasilo, O. J., Hobane, T., and Nhachi, C. Fb (1991). Organophosphate Poisoning in Urban Zimbabwe. *J appl toxicol* 11: 269-272.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Katayama, Y., Horide, F., and Tsuji, K. (1989). A Study on the Stability of Alpha Cyanobenzyl Ester-Type Pyrethroids in Mineral Carriers in the Presence of Malathion. *J pestic sci* 14: 53-58.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kathpal, T. S. and Kumari, B. (Pesticidal Contamination of Environment Its Implications and Management. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).; 0 (0). 1998. 535-551.*
Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.
- Kaur, I., Mathur, R. P., and Tandon, S. N. (1997). Parameters Affecting the Decay of Some Organophosphorus

- Pesticides: a Study by High-Performance Liquid Chromatography. *Biomedical chromatography* 11: 22-24.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kawai, A. (1988). Toxicity of Some Pesticides to *Encarsia formosa* Gahan. *Bull.Natl.Res.Inst.Veg.Ornamental Plants Tea Ser.D* 0: 59-67 (CHI) (ENG ABS).
Chem Codes: Chemical of Concern:
 BPZ,MOM,FNT,DZ,CPYM,MLN,DMT,PHSL,DDVP,Naled,ACP,CBL,PIM,ES,RTN,TPH,CuOCl,CuOX,
 Zineb,Maneb,MZB,CTN,Captan,CAP,DLN,ANZ,TPE,BMY,IPD,VCZ,TDF,FST Code: NON-
 ENGLISH.
- Kawakami, Y. (1989). Insecticide-Resistance of *Culex pipiens molestus* Forskal Collected in Shinjuku-Ku, Tokyo. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 40, no. 3, pp. 217-220. 1989.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Kawata, K., Mukai, H., Tanabe, H., and Yasuhara, A. (1996). Annual Variation of Insecticides in Precipitation in Rural Japan. *Bulletin of environmental contamination and toxicology* 57: 853-858.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kawata, K., Mukai, H., and Yasuhara, A. (1995). Monitoring of Pesticides in Air by Gas Chromatography-Mass Spectrometry and the Use of Quartz-Fibre Wool and Activated Carbon for Sampling. *Journal of chromatography a* 710: 243-250.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kawate, M. K. and Coughlin, J. A. (Mediterranean Fruit Fly Control on Persimmon 1989. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 78. Ab - biosis copyright: biol abs. Rrm diospyros-kaki ceratitis-capitata malathion nu-lure insect bait pesticide insecticide.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Keadtisuke, S. and Fukuto, T. (1986). Adult Fanconi Syndrome Induced by Malathion Impurities in the Rat. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kearney, Philip C., Muldoon, Mark T., and Somich, Cathleen J. (1987). Uv-Ozonation of Eleven Major Pesticides as a Waste Disposal Pretreatment. *Chemosphere* 16: 2321-2330.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Keck, J., Sims, R. C., Coover, M., Park, K., and Symons, B. (1989). Evidence for Cooxidation of Polynuclear Aromatic Hydrocarbons in Soil. *Water res* 23: 1467-1476.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Keeble, Vera B., Correll, Linda, and Ehrich, Marion (1993). Evaluation of Knit Glove Fabrics as Barriers to Dermal Absorption of Organophosphorus Insecticides Using an in Vitro Test System. *Toxicology* 81: 195-203.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Keith, J. O. and Bruggers, R. L. (1998). Review of Hazards to Raptors From Pest Control in Sahelian Africa. *Journal of raptor research* 32: 151-158.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Keller, A. E. and Ruessler, S. (1996). Malathion Toxicity to Three Life Stages of Unionid Mussels. *Journal of Shellfish Research* 15: 485.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kennedy, E. R., Abell, M. T., Reynolds, J., and Wickman, D. (A Sampling and Analytical Method for the

- Simultaneous Determination of Multiple Organophosphorus Pesticides in Air. *American industrial hygiene association journal*; 55 (12). 1994. 1172-1177.
Chem Codes: Chemical of Concern: MLN Code: METHODS, HUMAN HEALTH.
- Kent, R., Belitz, K., Altmann, A. J., Wright, M. T., and Mendez, G. O. (Occurrence and Distribution of Pesticide Compounds in Surface Water of the Santa Ana Basin, California, 1998-2001. *Govt reports announcements & index (gra&i)*, issue 12, 2006.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kerswill, C. J. (1967). Studies on Effects of Forest Spraying with Insecticides , 1952-63, on Fish and Aquatic Invertebrates in New Brunswick Streams: Introduction and Summary. *J.Fish Res.Board Can.* 24: 701-708.
Chem Codes: Chemical of Concern: MLN,PPHD,DDT Code: REFS CHECKED/REVIEW.
- Kertesz, M. A., Cook, A. M., and Leisinger, T. (1994). Microbial Metabolism of Sulfur-and Phosphorus-Containing Xenobiotics. *Fems microbiology reviews* 15: 195-215.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Key, P. B., Fulton, M. H., Harman Fetcho, J. A., and McConnell, L. L. (2003). Acetylcholinesterase Activity in Grass Shrimp and Aqueous Pesticide Levels From South Florida Drainage Canals. *Archives of Environmental Contamination and Toxicology [Arch. Environ. Contam. Toxicol.]*. Vol. 45, no. 3, pp. 371-377. Oct 2003.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Khan, M., Gassman, M., and Haque, R. (Biodegradation of Pesticides. *Chem. Technol.* 6(1): 62-69 1976..
Chem Codes: Chemical of Concern: MLO Code: METABOLISM.
- Khan, S. and Khan, N. N. (1986). The Mobility of Some Organophosphorus Pesticides in Soils as Affected by Some Soil Parameters. *Soil sci* 142: 214-222.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Khan, S., Qureshi, M. A., and Singh, J. B. (1996). Studies on the Mobility of Heavy Metals in Soil. *Indian journal of environmental health* 38: 1-6.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Khavkin, M. J. and Khavkin, J. A. (1996). A Ferromagnetic Biosensor for Simple Assay of Organophosphate Pesticides. *Analytical letters* 29: 1041-1054.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Khayamian, T. and Jafari, M. T. (Design for Electrospray Ionization-Ion Mobility Spectrometry. *Anal chem.* 2007, apr 15; 79(8):3199-205. [*Analytical chemistry*]: *Anal Chem.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Khazraji, A. L., Al-Iraqi, R. A., and Al-Saffar, Z. Y. (1984). The Relative Susceptibility of Culex pipiens molestus Forskal to Certain Insecticides in Nineva District, Iraq. *J.Biol.Sci.Res.* 15: 7-12.
Chem Codes: Chemical of Concern: MLN Code: NO DURATION.
- Khuhawar, M. Y., Channar, A. H., and Lajwani, S. N. (1997). Indirect Liquid Chromatographic Determination of Malathion in Formulations, Based on the Formation of Palladium (Ii)-Dimethyldithiophosphate Complex. *Journal of chromatography a* 758: 159-162.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kiefer, M. and Salisbury, S. (Health Hazard Evaluation Report Heta 95-0333-2546, Dekalb County Board of Health, Decatur, Georgia. *Govt reports announcements & index (gra&i)*, issue 23, 2096.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Kiermeier, F., Wildbrett, F., and Lettenmayer, L. (Influence of Organic Insecticides on Enzymes. V. Effect of Xanthine Dehydrase in Milk. *Z. Lebensm. Untersuch. Forsch.*; 133(1):22-6, 1967.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Kikionis, Stefanos, McKee, Vickie, Markopoulos, John, and Igglessi-Markopoulou, Olga (2009-). Regioselective ring opening of thiomalic acid anhydrides by carbon nucleophiles. Synthesis and X-ray structure elucidation of novel thiophenone derivatives. *Tetrahedron* 65: 3711-3716.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kilgore, G. M., Huddleston, E. W., Ledson, T. M. , Ross, J. B., Sanderson, R., and Steiner, R. L. (1996). Prediction of Spray Drift Using Insecticide Tracers and Two Types of Collector. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 31: 847-857.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Killeen, S. (1997). Development and Use of Environmental Quality Standards (Eqss) for Priority Pesticides. *Pesticide science* 49: 191-195.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kim, Yang-Hoon, Ahn, Ji-Young, Moon, Seung-Hyeon , and Lee, Jeewon (2005). Biodegradation and Detoxification of Organophosphate Insecticide, Malathion by Fusarium Oxysporum F. Sp. Pisi Cutinase. *Chemosphere* 60: 1349-1355.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Kimbrough, R. A. and Litke, D. W. (1996). Pesticides in Streams Draining Agricultural and Urban Areas in Colorado. *Environmental science & technology* 30: 908-916.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Kimmel, Marek (2007-). Ovide Arino, a personal memory. *Journal of Theoretical Biology* 244: 365-366.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kimmel, Marek (2007). Special issue dedicated to the memory of Ovide Arino. *Mathematical Biosciences* 206: 173-175.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Kindervater, Ralf, Kunnecke, Wolfgang, and Schmid, Rolf D. (1990). Exchangeable Immobilized Enzyme Reactor for Enzyme Inhibition Tests in Flow-Injection Analysis Using a Magnetic Device. Determination of Pesticides in Drinking Water. *Analytica Chimica Acta* 234: 113-117.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- King, J. W., Hopper, M. L., Luchtefeld, R. G., Taylor, S. L., and Orton, W. L. (1993). Optimization of Experimental Conditions for the Supercritical Carbon Dioxide Extraction of Pesticide Residues From Grains. *Journal of aoac international* 76: 857-864.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kirchner, M., HÚskovÁte, R, MatisovÁte, E, MocÁte, and K, J. (1980). Fast Gas Chromatography for Pesticide Residues Analysis Using Analyte Protectants. *J Chromatogr A*. 2008, Apr 4 1186: A].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Kirkland, D., Aardema, M., Henderson, L., and Mueller, L. (2005). Evaluation of the Ability of a Battery of Three In Vitro Genotoxicity Tests to Discriminate Rodent Carcinogens and Non-Carcinogens. I. Sensitivity, Specificity and Relative Predictivity. *Mutat.Res.* 584: 1-256.
Chem Codes: EcoReference No.: 112088
Chemical of Concern:
TTCH,MLO,MLN,MLH,MP,OML,OXT,DHB,RTN,Thm,AQS,FNV,SFL,BMY,ATZ,AKM,ASCN,CaCY,

DM,DZ,DCB,DMT,CMPH,CQTC,AZ,ADC,ACL,Ziram,TFN,Folpet,TVPM,NaCr,PPO,PPB,NPPX,NAPH,MEG,MDT,MBTZ,MEL,Maneb,HOX,FUR,ETU,FSTAL,ETO,AMSV,ETHN,MPB,Dmeth,DCF,DDVP,D PDP,PZM,DCB,DMZ,CTN,CBL,Captan,CAP,CDS Code: REVIEW.

Kjeldsen, P., Kjolholt, J., Schultz, B., Christensen, T. H., and Tjell, J. C. (1990). Sorption and Degradation of Chlorophenols, Nitrophenols and Organophosphorus Pesticides in the Subsoils Under Landfills: Laboratory Studies. *J contam hydrol* 6: 165-184.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Kjolholt, J. (Occurrence of Organophosphorus Compounds in Polluted Marine Sediments Near a Pesticide Manufacturing Plant. *Chemosphere*; 14 (11-12). 1985 (recd. 1986). 1763-1770.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Klassen, W. and Schwartz, P. H. Jr. (1985). ARS Research Program in Chemical Insect Control. In: J.L.Hilton (Ed.), *Beltsville Symp.in Agricultural Research, Chapter 22, Agricultural Chemicals of the Future, May 16-19, 1983, Rowman and Allanheld Publ., Totowa, NJ* 8: 267-292.

Chem Codes: Chemical of Concern:

RSM,FNF,TVP,PSM,MOM,MDT,CPY,ADC,PPG,DCTP,MCB,OXD,PPX,FNT,FNTH,PPHD,Naled,CBL,ETN,ES,DS,DMT,DCF,DDVP,PRT,MVP,AZ,DZ,EN,DEM,MLN,MP,ATN,HPT,DLD,AND,PPB,PRN,E DB,RYA,MXC,DDT,CHD,MB,AIP,TPH,RTN,CLP,CTC,As,Pb,CBNDS,PYN,SFR,CHX,MTM,OML,AC P,BDC,PIRE,DFZ,FNV,AMZ,PMR,SMT,TBO,IFP,SPS,CN Code: NO TOX DATA.

Kline, E. R., Mattson, V. R., Pickering, Q. H., Spehar, D. L., and Stephan, C. E. (1987). Effects of Pollution on Freshwater Organisms. *J water pollut control fed* 59: 539-572.

Chem Codes: Chemical of Concern: MLN Code: REVIEW, EFFLUENT.

Klopman, G., Contreras, R., Rosenkranz, H. S., and Waters, M. D. (1985). Structure-Genotoxic Activity Relationships of Pesticides Comparison of the Results From Several Short-Term Assays. *Mutat res* 147: 343-356.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO, YEAST.

Kobayash, M., Takano, I., Tamura, Y., Tomizawa, S., Tateishi, Y., Sakai, N., Kamijo, K., Ibe, A., and Nagayama, T. (1960). [Survey of Pesticide Residues in Imported Cereal Products (1994.4 Approximately 2006.3)]. *Shokuhin Eiseigaku Zasshi. 2008, Jun* 49: Journal of the Food Hygienic Society of Japan].

Chem Codes: Chemical of Concern: MLN Code: FOOD.

Koch, R. (The Significance of Toxic Substances in the Drinking Water. *Z. Gesamte hyg.* 23(2): 96-98 1977.

Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.

Koli, V. A., Yeragi, S. G., Yeragi, S. S., and Quadros, G. (ed) (2002). Effects of the Pesticide Malathion on Acid Phosphatase Enzymes in Certain Tissues of the Marine Crab *Uca Marionis* (Des) of Mithbav Creek. *Proceedings of the National Seminar on Creeks, Estuaries and Mangroves - Pollution and Conservation, 28th to 30th November, 2002, Thane. pp.* 180-181. 2002.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Kolpin, D. W., Barbash, J. E., and Gilliom, R. J. (1998). Occurrence of Pesticides in Shallow Groundwater of the United States: Initial Results From the National Water-Quality Assessment Program. *Environmental science & technology* 32: 558-566.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Kolpin, D. W., Goolsby, D. A., and Thurman, E. M. (1995). Pesticides in Near-Surface Aquifers: an Assessment Using Highly Sensitive Analytical Methods and Tritium. *Journal of environmental quality* 24: 1125-1132.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Komolprasert, V. and Lawson, A. R. (1997). Considerations for Reuse of Poly(Ethylene Terephthalate) Bottles in

- Food Packaging: Migration Study. *Journal of agricultural and food chemistry* 45: 444-448.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Komolprasert, V., Lawson, A. R., and Hargraves, W. A. (1995). Analytical Method for Quantifying Butyric Acid Malathion and Diazinon in Recycled Polyethylene Terephthalate. *Journal of agricultural and food chemistry* 43: 1963-1965.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Korchinski, M., Theil, J., Wenger, B. S., and Wenger, E. (1987). The Role of Tryptophan in Preventing Malathion-Induced Teratogenesis in the Chick Embryo. *100th annual meeting of the american association of anatomists, washington, d.c., Usa, may 10-14, 1987. Anat rec* 218: 74a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Korchinski, M., Wenger, E. L., and Wenger, B. S. (1987). Biochemical Aspects of Malathion Teratogenesis in Chick Embryos. *Annual meeting of the american society of zoologists, american microscopical society, animal behavior society, the crustacean society, international association of astacology, and the society of systematic zoology, new orleans, louisiana, usa, december 27-30, 1987. Am zool* 27: 144a.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Korth, W., Thomas, M., Foster, S., McCorkelle, G., and Bowmer, K. H. (1995). Toxicity of Rice and Maize Pesticides to Ceriodaphnia Sp.: Implications for Management of Irrigation Drainage Water in Australia. *Australasian Journal of Ecotoxicology [AUSTRALAS. J. ECOTOXICOL.]*. Vol. 1, no. 1, pp. 55-62. 1995.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Kot, A., Sandra, P., and David, F. (1994). Selectivity Tuning in Packed Column Sfc Separation of the Sixteen Priority Polycyclic Aromatic Hydrocarbons as an Example. *Hrc journal of high resolution chromatography* 17: 277-279.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kotak, B. G., Hrudey, S. E., Kenefick, S. L., and Prepas, E. E. (1993). Toxicity of Cyanobacterial Blooms in Alberta Lakes. *Nineteenth annual aquatic toxicity workshop, edmonton, alberta, canada, october 4-7, 1992. Canadian technical report of fisheries and aquatic sciences* 0: 172-179.
Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Kralj, Mojca Bavcon, Trebse, Polonca, and Vasic, Vesna (2006). Insight in the Toxicity of Malathion Photodegradation Product: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S249.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Krapac, I. G., Roy, W. R., Smyth, C. A., and Barnhardt, M. L. (1995). Occurrence and Distribution of Pesticides in Soil at Agrichemical Facilities in Illinois. *Journal of soil contamination* 4: 209-226.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Krause, R. T. and August, E. M. (1983). Applicability of a Carbamate Insecticide Multiresidue Method for Determining Additional Types of Pesticides in Fruits and Vegetables. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 66, no. 2, pp. 234-240. 1983.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Kreuz, K., Fonne-Pfister, R., and Porgiglia, P. J. (1991). Organophosphorus Insecticides as Inhibitors of Cytochrome P450-Dependent Sulfonylurea Herbicide Metabolism. *Annual meeting of the american society of plant physiologists, albuquerque, new mexico, usa, july 28-august 1, 1991. Plant physiol (bethesda)* 96: 27.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Krieger, R. I., Ross, J. R., Thongsinthusak, T., Begum, S., and Leyva, J. (1990). Estimating Fieldworker Organophosphate Exposures Using Urinary Dialkylphosphates as Biomarkers. *199th acs (american chemical society) national meeting, boston, massachusetts, usa, april 22-27, 1990. Abstr pap am chem soc* 199: Agro 131.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Kristenson, E. M., Shahmiri, S., Slooten, C. J., Vreuls, R. J. J., and Brinkman, U. A. T. (2004). Matrix Solid-Phase Dispersion Micro-Extraction of Pesticides from Single Insects with Subsequent GC-MS Analysis. *Chromatographia* 59: 315-320.
Chem Codes: Chemical of Concern: CYF,CYH,RSM,FNTH,FNT,DZ,MP,MLN,CPY,MDT,AZ,TFN,PMR,ATN Code: METHODS.
- Kroes, R., Galli, C., Munro, I., Schilter, B., Tran, L. A., Walker, R., and Wurtzen, G. (2000). Threshold of Toxicological Concern for Chemical Substances Present in the Diet: a Practical Tool for Assessing the Need for Toxicity Testing. *Food Chem.Toxicol.* 38: 255-312.
Chem Codes: Chemical of Concern: AZ,CBL,DMT,MLN,ADC,DZ,Captan,ATZ,MTM,ACP,MZB,PCB Code: REVIEW.
- Krstić, D., Colović, M., Krinulović, K., Djurić, D., Vasić, and V (Inhibition of Ache by Single and Simultaneous Exposure to Malathion and Its Degradation Products. *Gen Physiol Biophys.* 2007, Dec; 26(4):247-53. [General physiology and biophysics] .
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kshirsagar, D. G., Shivaraman, N., Muthal, P. L. , and Parhad, N. M. (1993). Malathion Degrading Organisms: Enrichment, Isolation and Identification. *Indian journal of environmental health* 35: 193-198.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kubik, M., Nowacki, J., Michalczyk, L., Pidek, A., Warakomska, Z., and Goszczynski, W. (1998). Decay of Pesticides Residues in Bee Honey. *Journal of fruit and ornamental plant research* 6: 73-85.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Kucklick, J. R. and Bidleman, T. F. (1994). Organic Contaminants in Winyah Bay, South Carolina I: Pesticides and Polycyclic Aromatic Hydrocarbons in Subsurface and Microlayer Waters. *Marine environmental research* 37: 63-78.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kulkarni, A. P. and Hodgson, Ernest (1977). An Unusual Effect of N-Octylamine on the Cytochrome B5 Spectrum of Insect and Mammalian Microsomes. *Chemico-Biological Interactions* 17: 223-237.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kulkarni, Arun P. and Hodgson, Ernest (1976). Spectral Characterization of Microsomal Cytochrome P-450 From the Midgut of the Tobacco Hornworm, Manduca Sexta J. *Insect Biochemistry* 6: 385-390.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kulkarni, H. J. and Natekar, G. R. (Hyperglycemic Action of Malathion a Commonly Used Insecticide. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol;* 16 (1). 1984 (recd. 1985). 58-59.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kulkarni, R. K. and Brueggemann, E. E. (1986). Specific Pollutant Adsorbent Polymers. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kumar, R. and Uppal, R. P. (1984). Biochemical Changes in Uterine and Ovarian Tissues of Rats Treated With

- Malathion. *16th annual conference of the indian pharmacological society, ajmer, india, dec. 28-30, 1983. Indian j pharmacol* 16: 59.
Chem Codes : Chemical of Concern: MLN Code: ABSTRACT.
- Kumaran, S. and Tran-Minh, C. (1992). Determination of Organophosphorous and Carbamate Insecticides by Flow Injection Analysis. *Anal biochem* 200: 187-194.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Kumari, B., Guha, A., Pathak, M. G., Bora, T. C., and Roy, M. K. (1998). Experimental Biofilm and Its Application in Malathion Degradation. *Folia microbiologica* 43: 27-30.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Kumari Beena, Madan, V. K., and Kathpal, T. S. (2008). Status of Insecticide Contamination of Soil and Water in Haryana, India. *Environmental Monitoring and Assessment [Environ. Monit. Assess.]*. Vol. 136, no. 1-3, pp. 239-244. Jan 2008.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kunz, S. E. and Kemp, D. H. (Insecticides and Acaricides Resistance and Environmental Impact. *Uilenberg, g. Revue scientifique et technique office international des epizooties*, vol. 13. No. 4. *Ectoparasites of animals and control methods; (scientific and technical review international office of epizootics*, vol. 13. No. 4. *Ectoparasites of animals and control methods)*. 458p. *Office international des epizooties (oie): paris, france. Isbn 92-9044-365-0.; 0 (0). 1994. 1249-1286.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Kuo, W. S. (1999). Effects of Photolytic Ozonation on Biodegradability and Toxicity of Industrial Wastewater. *Journal of environmental science and health part a toxic-hazardous substances & environmental engineering* 34: 919-933.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Kurata, Y., Shibata, M. A., Miyata, E., Hasegawa, R., and Ito, N. (1993). Evaluation of Carcinogenicity of Pesticides in a Medium-Term Liver Carcinogenicity Bioassay. *20th annual meeting of the japanese society of toxicological sciences, chiba, japan, july 29-30, 1993. Journal of toxicological sciences* 18: 418.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Kurtz, D. A. (1990). Long Range Transport of Pesticides 195th National Meeting of the American Chemical Society Held Jointly With the Third Chemical Congress of North America Toronto Ontario Canada June 1988. *Kurtz, d. A. (Ed.). Long range transport of pesticides* 195th national meeting of the american chemical society held jointly with the third chemical congress of north america, toronto, ontario, canada, june 1988. Xv+462p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. Isbn 0-87371-168-8.; 0: Xv+462p.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Kuster, M., LÓpez De Alda, M. J., Barata, C., RaldÚ, A. D., BarcelÓ, and D (Analysis of 17 Polar to Semi-Polar Pesticides in the Ebro River Delta During the Main Growing Season of Rice by Automated on-Line Solid-Phase Extraction-Liquid Chromatography-Tandem Mass Spectrometry. *Talanta*. 2008, Apr 15; 75(2):390-401. [Talanta].
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Kuwahara, M., Miyata, T., Saito, T., and Eto, M. (1981). Relationship Between High Esterase Activity and in Vitro Degradation of Super(14)C-Malathion by Organophosphate-Resistant and Susceptible Strains of the Kanzawa Spider Mite, Tetranychus Kanzawai Kishida (Acarina: Tetranychidae), and Their Inhibition With Specific Synergists. *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 297-305. 1981.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Kwok, K. W. H., Leung, K. M. Y., Lui, G. S. G., Chu, V. K. H., Lam, P. K. S., Morritt, D., Maltby, L., Brock, T. C.

- M., Van den Brink, P. J., Warne, M. S. J., and Crane, M. (2007). Comparison of Tropical and Temperate Freshwater Animal Species' Acute Sensitivities to Chemicals: Implications for Deriving Safe Extrapolation Factors. *Integr. Environ. Assess. Manag.* 3: 49-67.
Chem Codes: Chemical of Concern: HCCH, PL, PCP, MLN, DDT, CPY, CHD, CBL, Zn, Ag, Ni, Hg, Pb, Cu, Cr, Cd, As, NH Code: MODELING.
- Labare, M. P. and Weiner, R. M. (1990). Interactions Between *Shewanella Eolwelliana*, Oyster Larvae, and Hydrophobic Organophosphate Pesticides. *Appl environ microbiol* 56: 3817-3821.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Labonde, J. (1996). Toxic Disorders. *Roskopf, w. J. And r. W. Woerpel (ed.). Diseases of cage and aviary birds, third edition. Xv+1088p. Williams and wilkins co.: Baltimore, maryland, usa London, england, uk.* Isbn 0-683-07382-6.; 0: 511-522.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lacorte, S. and Barcelo, D. (1995). Determination of Organophosphorus Pesticides and Their Transformation Products in River Waters by Automated on-Line Solid-Phase Extraction Followed by Thermospray Liquid Chromatography-Mass Spectrometry. *Journal of chromatography a* 712: 103-112.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.
- Lacorte, S. and Barcelo, D. (1996). Improvements in the Determination of Organophosphorus Pesticides in Ground- and Wastewater Samples From Interlaboratory Studies by Automated on-Line Liquid-Solid Extraction Followed by Liquid Chromatography-Diode Array Detection. *Journal of chromatography a* 725: 85-92.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lacorte, S., Lartiges, S. B., Garrigues, P., and Barcelo, D. (1995). Degradation of Organophosphorus Pesticides and Their Transformation Products in Estuarine Waters. *Environmental science & technology* 29: 431-438.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lacorte, S., Molina, C., and Barcelo, D. (1993). Screening of Organophosphorus Pesticides in Environmental Matrices by Various Gas Chromatographic Techniques. *Anal chim acta* 281: 71-84.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lai, K., Stolorowich, N. J., and Wild, J. R. (1995). Characterization of P-S Bond Hydrolysis in Organophosphorothioate Pesticides by Organophosphorus Hydrolase. *Archives of biochemistry and biophysics* 318: 59-64.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lajmanovich Rafael C, Sanchez-Hernandez Juan Carlos, Peltzer Paola M., Attademo Andres M, Fiorenza Gabriela S, Cabagna Mariana C, and Basso Agustin (2008). Levels of Plasma B-Esterases and Glutathione-S-Transferase Activities in Three South American Toad Species. *Toxicological and Environmental Chemistry [Toxicol. Environ. Chem.]. Vol. 90, no. 6, pp. 1145-1161. Nov 2008.* 90: 1145-1161.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lakshmi, A. (1993). Pesticides in India Risk Assessment to Aquatic Ecosystems. *Science of the total environment* 0: 243-253.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lal, A., Tan, G., and Chai, M. (Multiresidue Analysis of Pesticides in Fruits and Vegetables Using Solid-Phase Extraction and Gas Chromatographic Methods. *Anal Sci.* 2008, Feb; 24(2):231-6. [Analytical sciences : the international journal of the Japan Society for Analytical Chemistry].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lal, R. and Dhanaraj, P. S. (1985). Cellular Aspects of Microbe-Insecticide Interactions. *International Review of Cytology [INT. REV. CYTOL.]. Vol. 96, pp. 239-259. 1985.*

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Lal, R. and Saxena, D. M. (1980). Cytological and Biochemical Effects of Pesticides on Microorganisms. *Residue Rev.* 73: 49-86.

Chem Codes: Chemical of Concern:

PCB,ATZ,DDT,DLD,24DXY,HCCH,AND,Captan,CHD,CTN,DU,MLN,Hg Code: REVIEW.

Lalah, J. O. and Wandiga, S. O. (2001). The Effect of Boiling on the Removal of Persistent Malathion Residues From Stored Grains. *Journal of Stored Products Research*, 38 (1) pp. 1-10, 2001.

Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.

Lalah, J. O. and Wandiga, S. O. (1996). The Persistence and Fate of Malathion Residues in Stored Beans (*Phaseolus Vulgaris*) and Maize (*Zea Mays*). *Pesticide science* 46: 215-220.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Lambert, M. Rk (1997). Environmental Effects of Heavy Spillage From a Destroyed Pesticide Store Near Hargeisa (Somaliland) Assessed During the Dry Season, Using Reptiles and Amphibians as Bioindicators. *Archives of environmental contamination and toxicology* 32: 80-93.

Chem Codes: Chemical of Concern: MLN Code: INCIDENT.

Lamey, H. A., Zollinger, R. K., McBride, D. K., Venette, R. C., and Vennette, J. R. (1991). Production Problems and Practices of Northarvest Dry Bean Growers in 1989. *N d farm res* 49: 17-24.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Lander, F. and Hinke, K. (1992). Indoor Application of Anti-Cholinesterase Agents and the Influence of Personal Protection on Uptake. *Arch environ contam toxicol* 22: 163-166.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Landis, W. G. and Defrank, J. J. (1990). Enzymatic Hydrolysis of Toxic Organofluorophosphate Compounds. *Kamely, d., A. Chakrabarty and g. S. Omenn (ed.). Advances in applied biotechnology series, vol. 4. Biotechnology and biodegradation International workshop, lisbon, portugal, june 1989. Xxiii+504p. Gulf publishing co.: Houston, texas, usa; london, england, uk. Illus. Isbn 0-943255-06-6.; 0: 183-202.*

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Landrigan, P. J., Claudio, L., Markowitz, S. B., Berkowitz, G. S., Brenner, B. L., Romero, H., Wetmur, J. G., Matte, T. D., Gore, A. C., Godbold, J. H., and Wolff, M. S. (1999). Pesticides and Inner-City Children: Exposures, Risks, and Prevention. *Environmental health perspectives* 107: 431-437.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Lange, Monica, Gebauer, Wolfgang, Markl, Jurgen, and Nagel, Roland (1995). Comparison of Testing Acute Toxicity on Embryo of Zebrafish, *Brachydanio Rerio* and Rtg-2 Cytotoxicity as Possible Alternatives to the Acute Fish Test. *Chemosphere* 30: 2087-2102.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Lapirova, T. B. (2000). The Effect of Different Malathion Concentrations on Hematological Parameters of Carp Yearlings. *Biol. Vnutr. Vod/Biol. Inland Water. no. 4, pp. 141-145. 2000.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Larson, S. J., Capel, P. D., Goolsby, D. A., Zaugg, S. D., and Sandstrom, M. W. (1995). Relations Between Pesticide Use and Riverine Flux in the Mississippi River Basin. *Chemosphere* 31: 3305-3321.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Lartiges, S. B. and Garrigues, P. (1995). Gas Chromatographic Analysis of Organophosphorus and Organonitrogen Pesticides With Different Detectors. *Analisis* 23: 418-421.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Lartiges, S. B. and Garrigues, P. P. (1995). Degradation Kinetics of Organophosphorus and Organonitrogen Pesticides in Different Waters Under Various Environmental Conditions. *Environmental science & technology* 29: 1246-1254.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Le Goff, G., Boundy, S., Daborn, P. J., Yen, J. L., Sofer, L., Lind, R., Sabourault, C., Madi-Ravazzi, L., and ffrench-Constant, R. H. (2003). Microarray Analysis of Cytochrome P450 Mediated Insecticide Resistance in *Drosophila*. *Insect Biochemistry and Molecular Biology* 33: 701-708.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lebel, G. L., Williams, D. T., and Benoit, F. M. (1987). Use of Large-Volume Resin Cartridges for the Determination of Organic Contaminants in Drinking Water Derived From the Great Lakes. *Suffet, i. H. And m. Malaiyandi (ed.). Advances in chemistry series, 214. Organic pollutants in water: sampling, analysis, and toxicity testing* Symposium held at the 188th meeting of the american chemical society, philadelphia, pennsylvania, usa, august 29-31, 1984. Xvi+797p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-0951-0.; 0: 309-326.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lechner, D. W. and Abdel-Rahman, M. S. (1986). The Effect of Carbaryl and Malathion in Combination on Gamma Glutamyl Transpeptidase and Glutathione-S-Alkyltransferase Activity in-Vitro. *Arch environ contam toxicol* 15: 647-652.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lee, D. S. and Nicholson, K. W. (1994). The Measurement of Atmospheric Concentrations and Deposition of Semi-Volatile Organic Compounds. *Environmental monitoring and assessment* 32: 59-91.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lee, H. K. and Lai, Y. H. (1988). Studies on Malathion Residues in Tobacco Products by Capillary Column Gas Chromatography. *J singapore natl acad sci* 17: 111-114.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lee, K. W., Kim, H. C., Lee, S. H., Korch, G. W., and Klein, T. A. (1996). Susceptibility and Resistance to Diagnostic Doses of Insecticides on Vector and Nuisance Mosquitoes in Korea. *Korean Journal of Entomology. Vol. 26, no. 3, pp. 249-256. Sep 1996.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Lee, S. E., Choi, W. S., Park, B. S., and Lee, B. H. (1998). A Spectrophotometric Assay for Cytochrome P450 Monooxygenase Activity. *Agricultural chemistry and biotechnology* 41: 213-217.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lee, S. E., Lees, E. M., and Campbell, B. C. (2000). Purification and Characterization of an Esterase Conferring Resistance to Fenitrothion in *Oryzaephilus Surinamensis* (L.) (Insecta, Coleoptera, Silvanidae). *Journal of Agricultural and Food Chemistry [J. Agric. Food Chem.]*. Vol. 48, no. 10, pp. 4991-4996. 16 Oct 2000.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Lehotay, S. J. (1997). Supercritical Fluid Extraction of Pesticides in Foods. *Journal of chromatography a* 785: 289-312.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lehotay, S. J. and Eller, K. I. (1995). Development of a Method of Analysis for 46 Pesticides in Fruits and Vegetables by Supercritical Fluid Extraction and Gas Chromatographyon Trap Mass Spectrometry. *Journal of aoac international* 78: 821-830.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lehotay, S. J., Harman-Fetcho, J. A., and Mcconnell, L. L. (1998). Agricultural Pesticide Residues in Oysters and

- Water From Two Chesapeake Bay Tributaries. *Marine pollution bulletin* 37: 32-44.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lehotay, S. J. and Lee, C. H. (1997). Evaluation of a Fibrous Cellulose Drying Agent in Supercritical Fluid Extraction and Pressurized Liquid Extraction of Diverse Pesticides. *Journal of chromatography a* 785: 313-327.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lehotay, S. J. and Valverde-Garcia, A. (1997). Evaluation of Different Solid-Phase Traps for Automated Collection and Clean-up in the Analysis of Multiple Pesticides in Fruits and Vegetables After Supercritical Fluid Extraction. *Journal of chromatography a* 765: 69-84.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Leighton, F. A. (1988). Some Observations of Diseases Occurring in Saskatchewan Canada Wildlife. *Blue jay* 46: 121-125.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Lenoir, J., Aston, L., Datta, S., Fellers, G., McConnell, L., and Seiber, J. (1998). Pesticides and Pcb's in Sierra Nevada Ecosystems Potential Relationship to Decline of Amphibians. *216th national meeting of the american chemical society, boston, massachusetts, usa, august 23-27, 1998. Abstracts of papers american chemical society* 216: Envr 114.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lenon, H., Curry, L., and Miller, A. (1972). Insecticide Residues in Water and Sediment Cisterns on the Us and British Virgin Islands - 1970. *Pestic. Monit. J. Vol. 6, no. 3, pp. 188-193. 1972.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lentza-Rizos, C. (1996). Insecticides Authorized for Use on Olive Trees and the Relationship Between Their Registration and Residues in Olive Oil. *Grasas y aceites* 47: 392-396.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Leonard, R. A. (1990). Movement of Pesticides Into Surface Waters. *Cheng, h. H. (Ed.). Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 303-350.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Leoni, V., Caricchia, A. M., and Chiavarini, S. (1992). Multiresidue Method for Quantitation of Organophosphorus Pesticides in Vegetable and Animal Foods. *Jaoac (assoc off anal chem) int* 75: 511-518.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Leoni, V., Caricchia, A. M., Comi, R., Martini, F., Rodolico, S., and Vitali, M. (1995). Risk Assessment of Organophosphorus Pesticide Dietary Intake for the Population of the City of Rome Italy. *Bulletin of environmental contamination and toxicology* 54: 870-877 .
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Leoni, V., Cremisini, C., Giovino, R., Puccetti, G., and Vitali, M. (1992). Activated Sludge Biodegradation Test as a Screening Method to Evaluate Persistence of Pesticides in Soil. *The Science of The Total Environment* 123-124: 279-289.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Lepine, F. L. (1991). Effects of Ionizing Radiation on Pesticides in a Food Irradiation Perspective: a Bibliographic Review. *J agric food chem* 39: 2112-2118.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

- Leslie Hasegawa and Toshiko Imamura (1985). Inhibitory Effect of Various Organophosphorus Esters on Rat Liver Malathion Carboxylesterase in Vitro: Role of Mixed-Function Oxidases. *Toxicology Letters* 26: 225-231.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Lethbridge, G. and Burns, R. G. (1976). Inhibition of Soil Urease by Organophosphorus Insecticides. *Soil Biology and Biochemistry* 8: 99-102.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Lewis, M. A. (1986). Impact of a Municipal Wastewater Effluent on Water Quality, Periphyton, and Invertebrates in the Little Miami River Near Xenia, Ohio (Usa). *Ohio j sci* 86: 2-8.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Lewis, R. G., Fortune, C. R., Willis, R. D., Camann, D. E., and Antley, J. T. (1999). Distribution of Pesticides and Polycyclic Aromatic Hydrocarbons in House Dust as a Function of Particle Size. *Environmental health perspectives* 107: 721-726.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lewis, T. (1997). Chemical Control. *Lewis, t. (Ed.). Thrips as crop pests. Xii+740p. Cab international: wallingford, england, uk New york, new york, usa. Isbn 0-85199-178-5.; 0: 567-593.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Leyva, J., Lee, P., and Goh, K. S. (1998). Removal of Malathion Residues on Lettuce by Washing. *Bulletin of environmental contamination and toxicology* 60: 592-595.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Li, H., Schopfer, L. M., Nachon, F., Froment, M. T., Masson, P., and Lockridge, O. (Aging Pathways for Organophosphate-Inhibited Human Butyrylcholinesterase, Including Novel Pathways for Isomalathion, Resolved by Mass Spectrometry. *Toxicol sci. 2007, nov; 100(1):136-45. [Toxicological sciences : an official journal of the society of toxicology]: Toxicol Sci.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Li, S. N. and Fan, D. F. (1997). Activity of Esterases From Different Tissues of Freshwater Fish and Responses of Their Isoenzymes to Inhibitors. *Journal of toxicology and environmental health* 51: 149-157.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Li, W., Merrill, D. E., and Haith, D. A. (1990). Loading Functions for Pesticide Runoff. *Res j water pollut control fed* 62: 16-26.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Li, Z. C., Yost, R. S., and Green, R. E. (1998). Incorporating Uncertainty in a Chemical Leaching Assessment. *Journal of contaminant hydrology* 29: 285-299.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Liang, Ying, Liu, Xian Jin, Liu, Yuan, Yu, Xiang Yang, and Fan, Ming Tao (2008-). Synthesis of three haptens for the class-specific immunoassay of O,O-dimethyl organophosphorus pesticides and effect of hapten heterology on immunoassay sensitivity. *Analytica Chimica Acta* 615: 174-183.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Liao, W., Joe, T., and Cusick, W. G. (1991). Multiresidue Screening Method for Fresh Fruits and Vegetables With Gas Chromatographic/Mass Spectrometric Detection. *J assoc off anal chem* 74: 554-565.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Libes, S. M. (1992). An Introduction to Marine Biogeochemistry. *Libes, s. M. An introduction to marine biogeochemistry. Xv+734p. John wiley and sons, inc.: New york, new york, usa Chichester, england, uk. Isbn 0-471-50946-9.; 0: Xv+734p.*

Chem Codes: Chemical of Concern: MLN Code : NO TOX DATA.

Lieberman, M. T. and Alexander, M. (1981). Effects of Pesticides on Decomposition of Organic Matter and Nitrification in Sewage . *Bull.Environ.Contam.Toxicol.* 26: 554-560.

Chem Codes: Chemical of Concern: CBL,PPX,BDC,DZ,CPY,MLN,DDVP,24D Code: FATE.

Light, K. E. (1985). Brief Malathion Exposure During the Late Brain Growth Spurt and the Long-Term Effects on Muscarinic and Histaminergic Receptor Binding in Rat Brain. *15th annual meeting of the society for neuroscience, part 2, dallas, tex., Usa, oct. 20-25, 1985. Soc neurosci abstr* 11: 993.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Lilius, H., Hastbacka, T., and Isomaa, B. (1996). A Combination of Fluorescent Probes for Evaluation of Cytotoxicity and Toxic Mechanisms in Isolated Rainbow Trout Hepatocytes. *Toxicology in vitro* 10: 341-348.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lilius, H., Sandbacka, M., and Isomaa, B. (1995). The Use of Freshly Isolated Gill Epithelial Cells in Toxicity Testing. *Toxicology in vitro* 9: 299-305.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lima, M. M. and Rey, L. (1990). Control of Triatomines Vectors of Chagas' Disease Fed on Blood-Baits Containing Synthetic Insecticides. *Proceedings of the xvii annual meeting on basic research in chagas' disease, caxambu, minas gerais, brazil, november 5-6, 1990. Mem inst oswaldo cruz rio j* 85: 115.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Lin, P. T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1983). Hydrolysis of Malathion by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 20: 232-237.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, Paul T., Main, A. R., Motoyama, N., and Dauterman, W. C. (1984). Hydrolysis of Malathion Homologs by Rabbit Liver Oligomeric and Monomeric Carboxylesterases. *Pesticide Biochemistry and Physiology* 22: 110-116.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, Paul T., Main, A. R., Tucker, W. P., Motoyama, N., and Dauterman, W. C. (1984). Studies on Organophosphorus Impurities in Technical Malathion: Inhibition of Carboxylesterases and the Stability of Isomalathion. *Pesticide Biochemistry and Physiology* 21: 223-231.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Lin, S., Marshall, E. G., and Davidson, G. K. (1994). Potential Parental Exposure to Pesticides and Limb Reduction Defects. *Scandinavian journal of work environment & health* 20: 166-179.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Lin, Y. W. and Hee, S. Sq (1998). Permeation of a Malathion Formulations Through Butyl Gloves. *Journal of hazardous materials* 60: 143-158.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Lin, Y. W. and Hee, S. Sq (1998). Simultaneous Gas Chromatographic-Mass Spectrometric Quantitation of the Alkylbenzene Inert Components, Pesticide Manufacturing by-Products and Active Ingredient in Two Malathion Formulations. *Journal of chromatography a* 814: 181-186.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Line, D. E., Osmond, D. L., Coffey, S. W., Arnold, J. A., Gale, J. A., Spooner, J., and Jennings, G. D. (1994). Fate and Effects of Pollutants Nonpoint Sources. *Water environment research* 66: 585-601.

Chem Codes: Chemical of Concern: MLN Code: FATE, EFFLUENT.

- Liquido, N. J., Cunningham, R. T., and Mcquate, G. T. (1997). Photoactive Dyes Mixed in Baits and Lures for Fruit Fly Suppression and Eradication. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology* 65: 65s.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Liska, I. (1993). On-Line Versus Off-Line Solid-Phase Extraction in the Determination of Organic Contaminants in Water Advantages and Limitations. *Journal of chromatography a* 655: 163-176.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Liska, I., Barcelo, D., and Grasserbauer, M. (1996). Strategy for the Screening of Organic Pollutants in a River Basin: an Overview of the Nitra River Monitoring Programme. *Trends in analytical chemistry* 15: 326-334.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Liu, B., Gao, X. W., and Zheng, B. Z. (2003). Effects of Sublethal Doses of Anticholinesterase Agents on Toxicity of Insecticides and Their Induction to Acetylcholinesterase (Ache) Activity in *Helicoverpa Armigera*. *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 46, no. 6, pp. 691-696. 2003.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Liu, J., Zhu, Y. N., Zhang, X. H., Wang, C. X., and Liang, Y. P. (2007). Pesticides Influence on the Chromium Adsorption of Paddy Soil. *Journal of Guilin University of Technology [J. Guilin Univ. Tech.]*. Vol. 27, no. 4, pp. 501-504. Nov 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE, NON-ENGLISH.
- Liu, M., Hashi, Y., Song, Y., and Lin, J. M. (2005-). Simultaneous Determination of Carbamate and Organophosphorus Pesticides in Fruits and Vegetables by Liquid Chromatography-Mass Spectrometry. *J. Chromatogr. A* 1097: 183-187.
Chem Codes: Chemical of Concern: MCB, ADC, CBL, MDT, AZ, MLN, PHSL, FMA Code: METHODS.
- Liu Pei-Shan, Kao Lung-Sen, and Lin Meng-Kai (1994). Organophosphates Inhibit Catecholamine Secretion and Calcium Influx in Bovine Adrenal Chromaffin Cells. *Toxicology*. Vol. 90, no. 1-2, pp. 81-91. 1994.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Liu, Q., Hirono, S., Matsushita, Y., and Moriguchi, I. (1992). Qsars Based on Fuzzy Adaptive Least-Squares Analysis for the Aquatic Toxicity of Organic Chemicals. *Meeting of the american chemical society, the chemical society of japan, and the canadian society for chemistry on structure-activity and structure-property relationships in environmental chemistry and toxicology (pacifichem '89), honolulu, hawaii, usa, december 17-22, 1989. Environ toxicol chem* 11: 953-959.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Liu Ze-Wen, Han Zhao-Jun, and Zhang Ling-Chun (2002). Cross Resistance of Methamidophos Resistant Strain of Brown Planthopper and the Biochemical Mechanism Responsible. *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 45, no. 4, pp. 447-452. 2002.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Locke, J. C. and Clement, D. L. (1992). Evaluation of Alternative Pest Control Materials for Home Garden Rose Maintenance. *Meeting of the potomac division of the american phytopathological society, newark, delaware, usa, march 18-20, 1992. Phytopathology* 82: 719-720.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lohman, P. Hm, Mendelsohn, M. L., Moore, D. H. I., Waters, M. D., Brusick, D. J., Ashby, J., and Lohman, W. J. (1992). A Method for Comparing and Combining Short-Term Genotoxicity Test Data the Basic System. *Mutat res* 266: 7-25.
Chem Codes: Chemical of Concern: MLN Code: MODELING.

- Long, H., Kirrane, B., Nelson, L. S., and Hoffman, R. S. (2003). Carbaryl Inhibition of Plasma Cholinesterase Activity. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 41, no. 5, p. 737. Aug 2003.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Long, J. La, House, W. A., Parker, A., and Rae, J. E. (1998). Micro-Organic Compounds Associated With Sediments in the Humber Rivers. *Science of the total environment* 210-211: 229-253.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Longley, M. (1999). A Review of Pesticide Effects Upon Immature Aphid Parasitoids Within Mummified Hosts. *International journal of pest management* 45: 139-145.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Lopez-Avila, V., Beckert, W. F., and Billets, S. (1991). Supercritical Fluid Extraction and Its Application to Environmental Analysis. *Friedman, d. (Ed.). Astm (american society for testing and materials) special technical publication, 1075. Waste testing and quality assurance, vol. 3. Xii+411p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Illus. Isbn 0-8031-1294-7. 0: 141-153.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lopez-Avila, V., Benedicto, J., and Bauer, K. M. (1998). Stability of Organochlorine and Organophosphorus Pesticides When Extracted From Solid Matrixes With Microwave Energy. *Journal of aoac international* 81: 1224-1232 .
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Lopez-Avila, V., Young, R., and Beckert, W. F. (1997). On-Line Determination of Organophosphorus Pesticides in Water by Solid-Phase Microextraction and Gas Chromatography With Thermionic-Selective Detection. *Hrc journal of high resolution chromatography* 20: 487-492.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lopez-Carillo, L. and Lopez-Cervantes, M. (1993). Effect of Exposure to Organophosphate Pesticides on Serum Cholinesterase Levels. *Archives of environmental health* 48: 359-363.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lopez-Carvajal, A., Grijalva-Contreras, R. L., and Robles-Contreras, F. (1995). Chemical Control of the European Asparagus Aphid *Brachycorynella Asparagi* Mordvilko in Northwestern Mexico. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 828.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Lopez, F. J., Beltran, J., Forcada, M., and Hernandez, F. (1998). Comparison of Simplified Methods for Pesticide Residue Analysis: Use of Large-Volume Injection in Capillary Gas Chromatography. *Journal of chromatography a* 823: 25-33.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lorenz, W., Bahadir, M., Korte, F., and Drawert, F. (1983). Pestizide Im Tabakrauch Ii. Pyrolyseverhalten Von Ausgewählten Pestiziden Beim Tabakrauchen. *Chemosphere* 12: 271-275.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Lores, E. M., Moore, J. C., and Moody, P. (1987). Improved Silica Gel Cleanup Method for Organophosphorus Pesticides. *Chemosphere* 16: 1065-1070.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Lovatt, J. (1991). Growing Pumpkins Grammas and Watermelons in Queensland. *Lovatt, j. Growing pumpkins, grammas and watermelons in queensland. Iv+44p. Queensland department of primary industries: brisbane, queensland, australia. Illus. Paper. Isbn 0-7242-3995-2. 0: Iv+44p.*

- Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Lovell, R. A., Mcchesney, D. G., and Price, W. D. (1996). Organohalogen and Organophosphorus Pesticides in Mixed Feed Rations: Findings From Fda's Domestic Surveillance During Fiscal Years 1989-1994. *Journal of aoac international* 79: 544-548.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Lu, C., Barr, D. B., Pearson, M. A., and Waller, L. A. (Dietary Intake and Its Contribution to Longitudinal Organophosphorus Pesticide Exposure in Urban/Suburban Children. *Environ Health Perspect.* 2008, Apr; 116(4):537-42. [*Environmental health perspectives*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Luckarift, H. R., Greenwald, R., Bergin, M. H., Spain, J. C., and Johnson, G. R. (Biosensor System for Continuous Monitoring of Organophosphate Aerosols. *Biosens bioelectron.* 2007, oct 31; 23(3):400-6. [*Biosensors & bioelectronics*]: *Biosens Bioelectron.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Luczak, J., Maleszewska, J., Stanislawska, J., and Zycinski, D. (1973). (The Influence of Phosphoro-Organic Pesticides (Malathion, Foschlore, Dichlorfos) on the Physico-Chemical Properties of Water and on Aquatic Organisms). *Rocz. Panstw. Zakl. Hig.* Vol. 24, no. 2, pp. 137-150. 1973.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Lund, O. (1990). Preoperative Risk Evaluation and Stratification of Long-Term Survival After Valve Replacement for Aortic Stenosis: Reasons for Earlier Operative Intervention. *Circulation* 82: 124-139.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Luttik, R. and Aldenberg, T. (1997). Extrapolation Factors for Small Samples of Pesticide Toxicity Data: Special Focus on Ld50 Values for Birds and Mammals. *Environmental toxicology and chemistry* 16: 1785-1788.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Maa, W. C-J and Lin, Y. M. (1985). Esterase of Diamondback Moth Plutella-Xylostella 2. The Antennal Carboxylesterase of Adult Male With Reference on Male Response to Synthetic Female Sex Pheromone. *Bull inst zool acad sin (taipei)* 24: 165-176.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Mac-Rae, I. C. and Celo, Jovenia S. (1974). The Effects of Organo-Phosphorus Pesticides on the Respiration of Azotobacter Vinelandii. *Soil Biology and Biochemistry* 6: 109-111.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Maccarthy, P., Klusman, R. W., Cowling, S. W., and Rice, J. A. (1991). Water Analysis. *Anal chem* 63: 301r-342r.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Machbub, B., Ludwig, H. F., and Gunaratnam, D. (1988). Environmental Impact From Agrochemicals in Bali Indonesia. *Environ monit assess* 11: 1-24.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- MacIntosh, D. L., Kabiru, C. W., and Ryan, P. B. (2001). Longitudinal Investigation of Dietary Exposure to Selected Pesticides. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 109, no. 2, pp. 145-150. Feb 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Macintosh, D. L., Spengler, J. D., Ozkaynak, H., Tsai, L. H., and Ryan, P. B. (1996). Dietary Exposures to Selected Metals and Pesticides. *Environmental health perspectives* 104: 202-209.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

- Maciver, D. R., Keane, P. A., Jones, D. G., and Jones, A. G. (1997). Pyrethrins and Piperonyl Butoxide as Public Health Insecticides. *Pyrethrum post* 20: 3-46.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mackay, N. and Betts, W. B. (1991). The Fate of Chemicals in Soil. *Betts, w. B. (Ed.). Springer series in applied biology: biodegradation: natural and synthetic materials. Xii+238p. Springer-verlag: berlin, germany New york, new york, usa. Illus. Isbn 3-540-19705-2; isbn 0-387-19705-2.; 0: 89-117.*
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mackness, M. I., Walker, C. H., Rowlands, D. G., and Price, N. R. (1983). Esterase Activity in **Homogenates** of Three Strains of the Rust Red Flour Beetle *Tribolium Castaneum* (Herbst). *Comparative Biochemistry and Physiology, C [COMP. BIOCHEM. PHYSIOL., C.]*. Vol. 74C, no. 1, pp. 65-68. 1983.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Madhaiyan, M., Poonguzhali, S., Hari, K., Saravanan, V. S., and Sa, Tongmin (2006). Influence of Pesticides on the Growth Rate and Plant-Growth Promoting Traits of *Gluconacetobacter Diazotrophicus*. *Pesticide Biochemistry and Physiology* 84: 143-154.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, BACTERIA.
- Madrid, F. J., White, N. Dg, and Loschiavo, S. R. (1991). Insects in Stored Cereals, and Their Association With Farming Practices in Southern Manitoba (Canada). *Can entomol* 122: 515-524.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Magara, Y., Aizawa, T., Matumoto, N., and Souna, F. (1994). Degradation of Pesticides by Chlorination During Water Purification. *Water science and technology* 30: 119-128.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Maher, I. L., Foster, G. D., and Lippa, K. A. (1995). Transport Fluxes of Organonitrogen and Organophosphorus Pesticides in the Potomac River. *210th american chemical society national meeting, chicago, illinois, usa, august 20-24, 1995. Abstracts of papers american chemical society* 210: Envr 81.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mahler, D. S. (1987). Insecticide Spray Measurements Using Hot-Wire Technology. *Vander hooven, d. I. B. And l. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm: philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 123-135.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Main, A. R. (Mode of Action of Anticholinesterases. *Pharmacol. Ther. Part a* 6(3): 579-628 1979 (114 references).
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Majewski, M. S., Foreman, W. T., Goolsby, D. A., and Nakagaki, N. (1998). Airborne Pesticide Residues Along the Mississippi River. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 32, no. 23, pp. 3689-3698. 1 Dec 1998.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Malek, M. A. and Wilkins, R. M. (1995). Effects of *Annona Squamosa* L. Seed Oil on the Larvae of *Tribolium Castariseum* (Herbst) (Coleoptera: Tenebrionidae). *Bangladesh journal of zoology* 23: 65-70.
Chem Codes: Chemical of Concern: MLN Code: BIOLOGICAL TOXICANT.
- Malik, J. K. and Summer, K. H. (1982). Toxicity and Metabolism of Malathion and Its Impurities in Isolated Rat Hepatocytes: Role of Glutathione. *Toxicology and Applied Pharmacology* 66: 69-76.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Manahan, S. E. (1990). Hazardous Waste Chemistry Toxicology and Treatment. *Manahan, s. E. Hazardous waste chemistry, toxicology and treatment. Xiii+378p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-209-9. 0: Xiii+378p.*
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Mancas, D. G. and Dragan, D. (Microencapsulated Organophosphoric Insecticides I. Quantitative Determination of Malathion and of Disulfoton From Aqueous Suspensions of Microcapsules. *Rev chim; 37 (9). 1986 (recd. 1987). 800-802.*
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Mane, U. H. (1990). Acute Pesticide Stress on Bivalve Molluscs a Comparative Approach.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Manes Vinuesa J, Molto Cortes Jc, Igualada Canas C, and Font Perez G (1989). Isolation and Concentration of Organophosphorus Pesticides From Water Using a C-18 Reversed Phase. *J chromatogr 472: 365-370.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mangan, R. L. and Moreno, D. S. (1997). Efficacy of Insecticidal Photo-Active Dye Formulations in Field Tests Against Tropical Fruit Flies Diptera Tephritidae. *25th annual meeting of the american society for photobiology, st. Louis, missouri, usa, july 5-10, 1997. Photochemistry and photobiology 65: 66s.*
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Manglitz, G. R. and Ratcliffe, R. H. (1988). Insects and Mites. *Hanson, a. A. (Ed.). Agronomy: a series of monographs, no. 29. Alfalfa and alfafa improvement. Xxvi+1084p. American society of agronomy, inc., Crop science society of america, inc., Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Maps. Isbn 0-89118-094-x. 0: 671-704.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mansour, S. A. and Sidky, M. M. (2003). Ecotoxicological Studies. 6. The First Comparative Study Between Lake Qarun and Wadi El-Rayan Wetland (Egypt), With Respect to Contamination of Their Major Components. *Food Chemistry 82: 181-189.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Maravic, Dubravka S., Trtica, Milan S., Miljanic, Scepan S., and Radak, Bojan B. (2006). Detection of Malathion by the Co2 Laser: Potentials and Limitations. *Analytica Chimica Acta 555: 259-262.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mariani, E., Bargagna, A., Longobardi, M., Bruschi, E., and Dorato, S. (1995). Gas Chromatographic Determination of Pesticides and Pcb's in Cosmetics Containing Plant Derivatives. *Farmaco (rome) 50: 193-196.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Marrs, T. C. (1998). Malathion-. *In: Draft, Pesticide Residues in Food - 1997, Joint Meet.of the FAO Panel of Experts on Pesticide Residues in Food and the Environ.and the WHO Core Assess.Group, Sept.22-Oct.1, 1997, World Health Org., Geneva, Switzerland 189-219.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Marsden, P. (1991). Gas Chromatography in Environmental Regulation Detection of Pesticides Using Large Bore Capillary Columns. *Jennings, w. G. And j. G. Nikelly (ed.). Chromatographic methods: capillary chromatography: the applications. Vii+153p. Huethig buch verlag gmbh: heidelberg, germany. Illus. Isbn 3-7785-2051-2. 0: 1-16.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Martínez-Haro, M nica, Viñuela, Javier, and Mateo, Rafael (2007). Exposure of birds to cholinesterase-inhibiting pesticides following a forest application for tick control. *Environmental Toxicology and Pharmacology 23: 347-349.*

- Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Martinez-Haro, M. M., Vinuela, J., and Mateo, R. (2007). Exposure of Birds to Cholinesterase-Inhibiting Pesticides Following a Forest Application for Tick Control. *Environ.Toxicol.Pharmacol.* 23: 347-349.
Chem Codes: Chemical of Concern: MLN,CBL,CPY Code: MIXTURE.
- Marty, J. L., Garcia, D., and Rouillon, R. (1995). Biosensors Potential in Pesticide Detection. *Trends in analytical chemistry* 14: 329-333.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Marty, M. A., Dawson, S. V., Bradman, M. A., Harnly, M. E., and Dibartolomeis, M. J. (Assessment of Exposure to Malathion and Malaoxon Due to Aerial Application Over Urban Areas of Southern California. *J expo anal environ epidemiol.* 1994 jan-mar; 4(1):65-81. [*Journal of exposure analysis and environmental epidemiology*]: *J Expo Anal Environ Epidemiol.*
Chem Codes: Chemical of Concern: MLO Code: MODELING.
- Marutoiu, C., Coman, V., Vlassa, M., and Constantinescu, R. (1998). A New Detection of Some Organophosphorous Pesticides Separated by Tlc. *Journal of liquid chromatography & related technologies* 21: 2143-2149.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Marutoiu, C., Vlassa, M., Sarbu, C., and Nagy, S. (1987). Separation and Identification of Organophosphorus Pesticides in Water by Hptlc. *J high resolut chromatogr chromatogr commun* 10: 465-466.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Maruyama, Yukiko, Yasutomi, Kazuo, and Ogita, Zen-Ichi (1984). Electrophoretic Analysis of Esterase Isozymes in Organophosphate-Resistant Mosquitoes (Culex Pipiens). *Insect Biochemistry* 14: 181-188.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Mason, J. M., Valencia, R., and Zimmering, S. (1992). Chemical Mutagenesis Testing in Drosophila: VIII. Reexamination of Equivocal Results. *Environ.Mol.Mutagen.* 19: 227-234.
Chem Codes: Chemical of Concern: CLP,DNT,TFN,PCL,HCCP,AMTL,ETU,MLN,MLH Code: REFS CHECKED/REVIEW.
- Masoud, L., Vijayasarathy, C., Fernandez-Cabezudo, M., Petroianu, G., and Saleh, A. M. (2003). Effect of Malathion on Apoptosis of Murine L929 Fibroblasts: a Possible Mechanism for Toxicity in Low Dose Exposure. *Toxicology* 185: 89-102.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Masten, Susan J., Tian, Ming, Upham, Brad L., and Trosko, James E. (2001). Effect of Selected Pesticides and Their Ozonation by-Products on Gap Junctional Intercellular Communication Using Rat Liver Epithelial Cell Lines. *Chemosphere* 44: 457-465.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Masud, S. Z. and Hasan, N. (1992). Pesticide Residues in Foodstuffs in Pakistan: Organochlorine, Organophosphorus and Pyrethroid Insecticides in Fruits and Vegetables. *Pak j sci ind res* 35: 499-504.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Masud, S. Z. and Hasan, N. (1995). Study of Fruits and Vegetables in Nwfp Islamabad and Balochistan for Organochlorine Organophosphorus and Pyrethroid Pesticide Residues. *Pakistan journal of scientific and industrial research* 38: 74-80.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Mateen, A., Chapalamadugu, S., Kaskar, B., Bhatti, A. R., and Chaudhry, G. R. (1994). Microbial Metabolism of Carbamate and Organophosphate Pesticides. *Chaudhry, g. R. (Ed.). Biological degradation and*

bioremediation of toxic chemicals. 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 198-233.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Mathew, S. B., Pillai, A. K., and Gupta, V. K. (A Rapid Spectrophotometric Assay of Some Organophosphorus Pesticide Residues in Vegetable Samples. *Spectrochim acta a mol biomol spectrosc.* 2007, aug; 67(5):1430-2. [*Spectrochimica acta. Part a, molecular and biomolecular spectroscopy*]: *Spectrochim Acta A Mol Biomol Spectrosc.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS,FOOD.

Matin, M. A., Husain, K., and Khan, S. N. (1989). Modification of Malathion Induced Neurochemical Changes by Adrenalectomy in Rats. *Twelfth meeting of the international society for neurochemistry, algarve, portugal, april 23-28, 1989. J neurochem* 52: S114.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Matos, E., Loria, D., Haedo, A., and De Lustig Es (Effects of Pesticides and 12-O Tetradecanoylphorbol-13-Acetate on Chondrogenesis in-Vitro. *Comun biol*; 4 (2). 1985 (recd. 1986). 175-184.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Matsumoto, M. R., Jensen, J. N., Mcginley, P., and Reed, B. E. (1994). Treatment Systems Physicochemical Processes. *Water environment research* 66: 309-324.

Chem Codes: Chemical of Concern: MLN Code: REVIEW, EFFLUENT.

Matsumura, F. and Voss, G. (1965). Properties of Partially Purified Malathion Carboxyesterase of the Two-Spotted Spider Mite. *Journal of Insect Physiology* 11: 147-160.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Matthess, G. and Isenbeck, M. (1987). Pesticide Behavior in Quaternary Sediments. *Boreas (oslo)* 16: 411-418.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Maul, J. D. and Farris, J. L. (2005). Monitoring Exposure of Northern Cardinals, *Cardinalis Cardinalis*, to Cholinesterase-Inhibiting Pesticides: Enzyme Activity, Reactivations, and Indicators of Environmental Stress. *Environ.Toxicol.Chem.* 24 : 1721-1730.

Chem Codes: Chemical of Concern: MLN,DCTP,ACP,ADC,CPY Code : MIXTURE.

Maul, J. D. and Farris, J. L. (2004). Monitoring Exposure of Passerines to Acephate, Dicrotophos, and Malathion Using Cholinesterase Reactivation. *Bulletin of Environmental Contamination and Toxicology [Bull. Environ. Contam. Toxicol.]*. Vol. 73, no. 4, p. 682. Oct 2004.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Mazzei, F., Botre, F., and Botre, C. (1996). Acid Phosphatase/Glucose Oxidase-Based Biosensors for the Determination of Pesticides. *Analytica chimica acta* 336: 67-75.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Mcchesney, D. G., Hyde, C. A., and Lovell, R. A. (1992). Fda Feed Contaminants Program Profile of Pesticides in Poultry Feed. *Eighty-first annual meeting of the poultry science association, fayetteville, arkansas, usa, august 3-6, 1992. Poult sci* 71: 95.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Mcconnell, L. L., Lenoir, J. S., Datta, S., and Seiber, J. N. (1998). Wet Deposition of Current-Use Pesticides in the Sierra Nevada Mountain Range, California, Usa. *Environmental toxicology and chemistry* 17: 1908-1916.

Chem Codes: Chemical of Concern: MLN Code: FATE.

McCoy, G. D., Rosenkranz, H. S., and Klopman, G. (1990). Non-Mutagenic Carcinogens are Primarily Hydrophobic. *Carcinogenesis (London)* 11: 1111-1117.

Chem Codes: Chemical of Concern:

ADC,AND,ASCN,ANZ,BNZ,CaCl,Captan,CHD,CTN,CMPH,DDT,DZ,DDVP,DCF,DLD,DMT,EDTA,E
N,ETHB,EGL,FNTH,FMV,HPT,ISO,HCCH,MLO,MLN,MEL,MXC,MP,MBTZ,OXT,PRN,PPHD,PCL,P
PB,RTN,TXP,3CE,Ziram Code: REFS CHECKED/REVIEW.

McCurin, D. M. (1969). Malathion Intoxication in Military Scout Dogs. *JAVMA* 155 : 1359-1363.

Chem Codes: Chemical of Concern: MLN Code: NO CONC.

McEwen, L. C. and Knapp, D. B. (1965). Acute Toxicity of Dieldrin and Malathion to Sharp-Tailed Grouse. *In: Fish and Wildl Serv.Circ.226, Effects of Pesticides on Fish and Wildlife, 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.* 34.

Chem Codes: Chemical of Concern: MLN Code: NO DURATION.

McKillop, I. G., Ginella, S. Gv, Wilson, C. J., Hanlon, A. J., and Pugh, B. D. (1993). The Effects of Power Failure on the Behaviour of European Wild Rabbits at Electric Fences. *Appl anim behav sci* 35: 277-290.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

McKim, J. M. (1977). Evaluation of Tests With Early Life Stages of Fish for Predicting Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 1148-1154.

Chem Codes: Chemical of Concern: Ni,ACL,MLN,Zn,NH Code: REFS CHECKED/REVIEW.

McKim, J. M. (1977). The Use of Embryo-Larval, Early Juvenile Toxicity Tests With Fish for Estimating Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 21 p.

Chem Codes: Chemical of Concern:

TFN,ACL,TXP,ES,HPT,MLN,HCCH,AZ,EN,DZ,CBL,Captan,ATZ,PCB,Cl,Hg,Zn,Ni,Pb,Cr,Cu,Cd

Code: REVIEW.

Medina, D., Prieto, A., Ettiene, G., Buscema, I., and De, V. Abreu a (1999). Persistence of Organophosphorus Pesticide Residues in Limon River Waters. *Bulletin of environmental contamination and toxicology* 63: 39-44.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Mehrotra, K. N. (1991). Current Status of Pesticide Resistance in Insect Pests in India. *J insect sci* 4: 1-14.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Mehrotra, K. N. (1986). Pest Control Strategies for 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 10-16.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Meinking, T. L., Vicaria, M., Eyerdam, D. H., Villar, M. E., Reyna, S., and Suarez, G. (A Randomized, Investigator-Blinded, Time-Ranging Study of the Comparative Efficacy of 0.5% Malathion Gel Versus Ovide Lotion (0.5% Malathion) or Nix CrÈMe Rinse (1% Permethrin) Used as Labeled, for the Treatment of Head Lice. *Pediatr dermatol.* 2007 jul-aug; 24(4):405-11. [*Pediatric dermatology*]: *Pediatr Dermatol.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Meisenheimer, J. L., Miller, L. R., and Schulz, W. D. (1995). Decomposition of Nerve Gas and Mustard Gas Analogs Using Nicotine and Ultrasound. *Transactions of the kentucky academy of science* 56: 15-21.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Mello, M. L. S. (1987). Effect of Some Enzymes, Chemicals and Insecticides on the Macromolecular Structure of the Froth of the Spittlebug, the Cercopid Deois sp. *Entomol.Exp.Appl.* 44: 139-144.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.

Mendelsohn, M. L., Moore, D. H li, and Lohman, P. Hm (1992). A Method for Comparing and Combining Short-

- Term Genotoxicity Test Data Results and Interpretation. *Mutat res* 266: 43-60.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Mendoza, C. E., Shields, J. B., and Greenhalgh, R. (Activity of Mammalian Serum Esterases Towards Malaoxon, Fenitroxon and Paraoxon. *Comp biochem physiol c comp pharmacol*; 56 (2). 1977 189-191.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Menon, K. Kg (1985). Food Safety Facts and Fallacies. *Curr sci (bangalore)* 54: 840-844.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Menzel, Daniel B., Craig, Roderick, and Hoskins, W. M. (1963). Electrophoretic Properties of Esterases From Susceptible and Resistant Strains of the Housefly, *Musca Domestica* L. *Journal of Insect Physiology* 9: 479-493.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- METMatthews, G. A. (1997). Techniques to Evaluate Insecticide Efficacy. *Dent, d. R. And m. P. Walton (ed.). Methods in ecological and agricultural entomology. Xiv+387p. Cab international: wallingford, england, uk; new york, new york, usa. Isbn 0-85199-132-7(paper); isbn 0-85199-131-9(cloth).* 243-269.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Meylan, W. M. and Howard, P. H. (1991). Bond Contribution Method for Estimating Henry's Law Constants. *Environ toxicol chem* 10: 1283-1294.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Mezcua, M., Ferrer, C., GarcÍte, A-Reyes, J. F., MartÍte, Nez-Bueno, M. J., AlbarracÍte, N, M., Claret, M., FernÁute, and Ndez-Alba, A. R. (Determination of Selected Non-Authorized Insecticides in Peppers by Liquid Chromatography Time-of-Flight Mass Spectrometry and Tandem Mass Spectrometry. *Rapid Commun Mass Spectrom.* 2008, May; 22(9):1384-92. [*Rapid communications in mass spectrometry : RCM*].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Milanko, Olga S., Milinkovic, Stevan A., and Rajakovic, Ljubinka V. (1992). Evaluation of Coating Materials Used on Piezoelectric Sensors for the Detection of Organophosphorus Compounds in the Vapour Phase. *Analytica Chimica Acta* 269: 289-300.
Chem Codes : Chemical of Concern: MLN Code: CHEM METHODS.
- Miles, C. J. (1991). Degradation Products of Sulfur-Containing Pesticides in Soil and Water. *Somasundaram, l. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 61-74.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Miles, C. J. and Takashima, S. (1991). Fate of Malathion and O,O,S-Trimethyl Phosphorothioate by-Product in Hawaiian Soil and Water. *Archives of Environmental Contamination and Toxicology. Vol. 20, no. 3, pp.* 325-329. 1991.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mileson, B. E., Chambers, J. E., Chen, W. L., Dettbarn, W., Ehrich, M., Eldefrawi, A. T., Gaylor, D. W., Hamernik, K., Hodgson, E., Karczmar, A. G., Padilla, S., Pope, C. N., Richardson, R. J., Saunders, D. R., Sheets, L. P., Sultatos, L. G., and Wallace, K. B. (1998). Common Mechanism of Toxicity: a Case Study of Organophosphorus Pesticides. *Toxicological sciences* 41: 8-20.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Miliadis, G. E. and Malatou, P. T. (1997). Monitoring of the Pesticide Levels in Natural Waters of Greece. *Bulletin*

- of environmental contamination and toxicology* 59: 917-923.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Miller, D. R., Stoughton, T. E., Steinke, W. E., Huddleston, E. W., and Ross, J. B. (2000). Atmospheric Stability Effects on Pesticide Drift From an Irrigated Orchard. *Transactions of the American Society of Agricultural Engineers*, 43 (5) pp. 1057-1066, 2000.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Miller, R. E. L., Wands, J. R., Chytalo, K. N., and D'Amico, R. A. (2005). Application of Water Quality Modeling Technology to Investigate the Mortality of Lobsters (*Homarus Americanus*) in Western Long Island Sound During the Summer of 1999. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 859-864. Oct 2005.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Mineau, P. (2002). Estimating the Probability of Bird Mortality from Pesticide Sprays on the Basis of the Field Study Record. *Environ.Toxicol.Chem.* 21: 1497-1506.
Chem Codes: Chemical of Concern:
 TCF,SPS,PPX,PIM,PPHP,PHSL,OML,MVP,DS,DZ,DCTP,DMT,ACP,AZ,BDC,CBL,CBF,CPY,EPRN,F
 MP,FNT,FNTH,IFP,MLN,MTM,MCB,MOM,MP Code: MODELING/REFS CHECKED.
- Mineau, P., Fletcher, M. R., Glaser, L. C., Thomas, N. J., Brassard, C., Wilson, L. K., Elliott, J. E., Lyon, L. A., Henny, C. J., Bollinger, T., and Porter, S. L. (1999). Poisoning of Raptors With Organophosphorus and Carbamate Pesticides With Emphasis on Canada, U.s. And U.k. *Journal of raptor research* 33: 1-37.
Chem Codes: Chemical of Concern: MLN Code: REVIEW, INCIDENT.
- Minett, W., Belcher, R. S., and O'Brien, E. J. (1968). A Critical Moisture Level for Malathion Breakdown in Stored Wheat. *Journal of Stored Products Research* 4: 179-181.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Minist Agric Fish Food Health Saf Executive Uk (1990). Report of the Working Party on Pesticide Residues 1988-89. *Ministry of agriculture fisheries and food health and safety executive. Report of the working party on pesticide residues: 1988-89. V+86p. Her majesty's stationery office: london, england, uk. Paper. Isbn 0-11-242902-5. 0: V+86p.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Minyard, J. P Jr and Roberts, W. E. (1991). State Findings on Pesticide Residues in Foods: 1988 and 1989. *J assoc off anal chem* 74: 438-452.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mitchell, A. D. (1993). Does the in-Situ Approach Yield a More Accurate Assessment of Induced Mutation Frequencies Than the Standard L5178y Tk-+-Tk-Mouse Lymphoma Assay? *24th annual scientific meeting of the environmental mutagen society, norfolk, virginia, usa, april 17-22, 1993. Environ mol mutagen* 21: 49.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Mitchell, J. T. (1975). Comparative Teratogenic Effects of Malathion, Captan, and Thalidomide in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 181: 428-429 (ABS).
Chem Codes: Chemical of Concern: Captan,MLN Code: ABSTRACT.
- Mitchell, J. T. and Yntema, C. L. (1973). Teratogenic Effect of Malathion and Captan in the Embryo of the Common Snapping Turtle, *Chelydra Serpentina*. *Anat.Rec.* 175: 390 (ABS).
Chem Codes: Chemical of Concern: Captan,MLN Code: ABSTRACT.
- Miyahara, M., Okada, Y., Takeda, H., Aoki, G., Kobayashi, A., and Saito, Y. (1994). Multiresidue Procedures for the Determination of Pesticides in Food Using Capillary Gas Chromatographic, Flame Photometric, and

- Mass Spectrometric Techniques. *Journal of agricultural and food chemistry* 42: 2795-2802.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Miyahara, M. and Saito, Y. (1994). Effects of the Processing Steps in Tofu Production on Pesticide Residues. *Journal of agricultural and food chemistry* 42: 369-373.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Miyahara, M. and Saito, Y. (1993). Pesticide Removal Efficiencies of Soybean Oil Refining Processes. *J agric food chem* 41: 731-734.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Miyata, T. (1989). Problems in the Control of Insecticide-Resistant Rice Planthoppers and Leafhoppers. *Pestic sci* 26: 261-270.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Miyata, T., Saito, T., Fukamachi, S., Kiritani, K., Kawahara, S., Yoshioka, K., Ozaki, K., Sasaki, Y., Tsuboi, A., and et al. (1981). On the Relation Between Insecticide Resistance and Aliesterase Activity in the Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 25, no. 3, pp. 150-155. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Miyata, T., Saito, T., Kassai, T., and Ozaki, K. (1989). In Vitro Degradation of Malathion by the Small Brown Planthopper, *Laodelphax striatellus* (Fallen), and the Brown Rice Planthopper, *Nilaparvata lugens* (Staal) (Hemiptera: Delphacidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 24, no. 2, pp. 240-241. 1989.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.
- Miyata, T., Saito, T., and Yasutomi, K. (1984). Degradation of Super(14)C-Malathion in Vitro by *Culex pipiens quinquefasciatus* Strains Resistant and Susceptible to Malathion. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 35, no. 2, pp. 103-107. 1984.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Miyata, T., Sakai, H., Saito, T., Yoshioka, K., Ozaki, K., Sasaki, Y., and Tsuboi, A. (1981). Mechanism of Joint Toxic Action of Kitazin P Super() With Malathion in the Malathion Resistant Green Rice Leafhopper, *Nephotettix cincticeps* Uhler (Hemiptera: Deltocephalidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 258-263. 1981.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Mize, S. V., Porter, S. D., and Demcheck, D. K. (2008). Influence of Fipronil Compounds and Rice-Cultivation Land-Use Intensity on Macroinvertebrate Communities in Streams of Southwestern Louisiana, USA. *Environ.Pollut.* 152: 491-503.
Chem Codes: Chemical of Concern:
EPTC,TET,PRO,MTL,ACR,PPN,SZ,AZ,MLT,TBC,PDM,DZ,CBF,CBL,MLN,FPN Code: NO DURATION/SURVEY.
- Mize, S. V., Porter, S. D., and Demcheck, D. K. (2008). Influence of Fipronil Compounds and Rice-Cultivation Land-Use Intensity on Macroinvertebrate Communities in Streams of Southwestern Louisiana, Usa. *Environ.Pollut.* 152: 491-503.
Chem Codes: Chemical of Concern:
EPTC,TET,PRO,MTL,ACR,PPN,SZ,AZ,MLT,TBC,PDM,DZ,CBF,CBL,MLN,FPN Code: NO DURATION/SURVEY.
- Mmochi, A. J. and Mberek, R. S. (1998). Trends in the Types, Amounts, and Toxicity of Pesticides Used in Tanzania: Efforts to Control Pesticide Pollution in Zanzibar, Tanzania. *Ambio* 27: 669-676.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.

- Modin, O., Fukushi, K., and Yamamoto, K. (Simultaneous Removal of Nitrate and Pesticides From Groundwater Using a Methane-Fed Membrane Biofilm Reactor. *Water Sci Technol.* 2008; 58(6):1273-9. [*Water science and technology : a journal of the International Association on Water Pollution Research*].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Mohamed, R. A. (1997). Effectiveness of Datura Leave Extracts and Their Mixtures With Malathion Against the Cowpea Beetle-*Callosobruchus Maculatus* (F.). *Annals of Agricultural Science, Moshtohor [ANN. AGRIC. SCI., MOSHTOHOR]*. Vol. 35, no. 1, pp. 589-604. Mar 1997.
Chem Codes: Chemical of Concern: MLN Code: MIXTURE.
- Mohammad, A. and Khan, M. Am (1993). New Surface-Modified Sorbent Layer for the Analysis of Toxic Metals in Seawater and Industrial Wastewater. *J chromatogr* 642: 455-458.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Mohanachari, V., Rajendra, W., and Indira, K. (1984). Activation of Sheep Brain Succinate Dehydrogenase by Malathion. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 3, pp. 199-200. 1984.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Mohn, Georges (1973). 5-Methyltryptophan Resistance Mutations in Escherichia Coli K-12 Mutagenic Activity of Monofunctional Alkylating Agents Including Organophosphorus Insecticides. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 20: 7-15.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Molinari, G. P., Cavanna, S., and Ferroni, B. (1998). Multiresidue Method for Determination of Organophosphorus Pesticides in Vegetables. *Food additives and contaminants* 15: 510-517.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Monserat, Jose M. and Bianchini, Adalto (2000). Methodological and Biological Aspects to Be Considered in Acetylcholinesterase Reactivation Assays Using 2-Pam. *Environmental Toxicology and Pharmacology* 9: 39-47.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Monty, C. N., Oh, I., and Masel, R. I. (Acetylcholinesterase-Based Electrochemical Multiphase Microreactor for Detection of Organophosphorous Compounds (Preprint). *Govt reports announcements & index (gra&i)*, issue 26, 2007.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Moody, R. P., Akram, M., Dickson, E., and Chu, I. (In Vitro Dermal Absorption of Methyl Salicylate, Ethyl Parathion, and Malathion: First Responder Safety. *J toxicol environ health a.* 2007, jun; 70(12):985-99. [*Journal of toxicology and environmental health. Part a*]: *J Toxicol Environ Health A*.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO, HUMAN HEALTH.
- Moore, J. C., Dukes, J. C., Clark, J. R., Malone, J., Hallmon, C. F., and Hester, P. G. (1993). Downwind Drift and Deposition of Malathion on Human Targets From Ground Ultra-Low Volume Mosquito Sprays. *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 9, no. 2, pp. 138-142. 1993.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mora, P., Fournier, D., and Narbonne, J. F. (1999). Cholinesterases From the Marine Mussels *Mytilus Galloprovincialis* Lmk. And *M. Edulis* L. And From the Freshwater Bivalve *Corbicula Fluminea* Muller. *Comparative biochemistry and physiology c pharmacology toxicology & endocrinology* 122: 353-361.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Moraes, S. S., Bautista, A. R. L., and Viana, B. F. (2000). Acute Toxicity Studies of Insecticides (DI Sub(50) E Cl Sub(50)) to *Scaptotrigona Tubiba* (Smith) (Hymenoptera: Apidae): by Contact Route. *Anais de Sociedade*

- Entomologica do Brasil [An. Soc. Entomol. Bras.]. Vol. 29, no. 1, pp. 31-37. Mar 2000.*
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Moreno, D. S. and Mangan, R. L. (1995). Gustatory Response of the Mexican Fruit Fly to Baits. *209th american chemical society national meeting, anaheim, california, usa, april 2-6, 1995. Abstracts of papers american chemical society 209*: Agro 20.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Morgade, C. and Barquet, A. (Body Distribution of Malathion and Its Metabolites in a Fatal Poisoning by Ingestion. *J toxicol environ health. 1982, aug; 10(2):321-5. [Journal of toxicology and environmental health]: J Toxicol Environ Health.*
Chem Codes: Chemical of Concern: MLO Code : HUMAN HEALTH.
- Morgan, D. P. and Roan, C. C. (1973). Adrenocortical Function in Persons Occupationally Exposed to Pesticides. *J.Occup.Med.* 15: 26-28.
Chem Codes: Chemical of Concern: PRN,PYN,TXP,DDT,DLD,CHD,MLN,HCCH,PPX,DZ,DDVP
Code: HUMAN HEALTH.
- Morgan, Melissa C. and Rashid, Rashid M. (2009). The effect of phototherapy on neutrophils. *International Immunopharmacology* 9: 383-388.
Chem Codes: Chemical of Concern: MLN Code: REVIEW,HUMAN HEALTH.
- Morita, M., Yoshinaga, J., Mukai, H., Ambe, Y., Tanaka, A., and Shibata, Y. (1997). Specimen Banking at National Institute for Environmental Studies, Japan. *Chemosphere* 34: 1907-1919.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mortensen, S. R., Hooper, M. J., and Padilla, S. (1998). Rat Brain Acetylcholinesterase Activity: Developmental Profile and Maturational Sensitivity to Carbamate and Organophosphorus Inhibitors. *Toxicology* 125: 13-19.
Chem Codes : Chemical of Concern: MLO,ADC,CPYO,CBL Code: IN VITRO.
- Mortensen, S. R., Hooper, M. J., and Padilla, S. (1998). Rat Brain Acetylcholinesterase Activity: Developmental Profile and Maturational Sensitivity to Carbamate and Organophosphorus Inhibitors. *Toxicology* 125: 13-19.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Mostafa, I. Y., Fakhr, I. M., Bahig, M. R. E., and El-Zawahry, Y. A. (Metabolism of Organophosphorus Insecticides Xiii. Degradation of Malathion by Rhizobium Spp. *Arch. Mikrobiol.*; 86(3): 221-224; 1972 ; (ref:15).
Chem Codes: Chemical of Concern: MLO Code: BACTERIA.
- Mostaghimi, S., McClellan, P. W., and Cooke, R. A. (1993). Pesticide Contamination of Groundwater in Virginia Bmp Impact Assessment. *Water science and technology* 28: 379-387.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mount, D. R., Hockett, J. R., Garrison, T. D., Barten, K. A., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Summary Findings From Toxicity Identification Evaluations.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.
- Mourya, D. T., Hemingway, J., and Leake, C. J. (1993). Changes in Enzyme Titres With Age Four Geographical Strains of Aedes Aegypti and Their Association With Insecticide Resistance. *Med vet entomol* 7: 11-16.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Mouvet, C. and Jucker, C. (1997). Correction of Previews 99711192. Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. Correction of Abstract. Erratum Published in

- Environmental Science and Technology Vol. 31. Iss. 11. 1997. P. 3340. *Environmental science & technology* 31: 2434-2437.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Mouvet, C. and Jucker, C. (1997). Influence of Various Filters on the Concentration of Pesticides Dissolved in Water. *Environmental science & technology* 31: 2434-2437.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Moyer, L., Cross, J., and Illinois State Environmental Protection Agency, Springfield (USA). Div. of Water Pollution Control (1990). Pesticide Monitoring: Illinois Epa's Summary of Results, 1985-1989.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Muan, B. and Skaare, J. U. (1986). Gas Chromatographic Determination and Mass Spectrometric Confirmation of Malathion in Milk and Blood. *J agric food chem* 34: 87-88.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Muan, B. and Skare, J. U. (1989). A Method for the Determination of the Main Metabolites of Malathion in Biological Samples. *J agric food chem* 37: 1081-1085.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Mueller-Herold, U., Caderas, D., and Funck, P. (1997). Validity of Global Lifetime Estimates by a Simple General Limiting Law for the Decay of Organic Compounds With Long-Range Pollution Potential. *Environmental science & technology* 31: 3511-3515.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mueller, P. (1989). Biomonitoring of Chemicals on Tropical Ecosystems. *Amazoniana* 11: 71-90.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Mufti, S. A., Nazir, N., and Ahmad, M. (ed) (1980). Toxic Effects of Malathion on Mice Embryogenesis. 8. *Pakistan Congress of Zoology, Peshawar (Pakistan), 10-11 Apr 1988*.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Mukerjee, S., Ellenson, W. D., Lewis, R. G., Stevens, R. K., Somerville, M. C., Shadwick, D. S., and Willis, R. D. (1997). An Environmental Scoping Study in the Lower Rio Grande Valley of Texas: Iii. Residential Microenvironmental Monitoring for Air, House Dust, and Soil. *Environment international* 23: 657-673.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mukerjee, S. K. (1986). Plant Protection Chemicals in 2000-A.d. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 35-48.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mukhopadhyay, A. K., Karmakar, P., Hati, A. K., and Dey, P. (1997). Recent Epidemiological Status of Malaria in Calcutta Municipal Corporation Area, West Bengal. *Indian journal of malariology* 34: 188-196.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Muldoon, S. R. and Hodgson, M. J. (1992). Risk Factors for Nonoccupational Organophosphate Pesticide Poisoning. *J occup med* 34: 38-41.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Mulla, M. S. and Mian, L. S. (1981). Biological and Environmental Impacts of the Insecticides Malathion and Parathion on Nontarget Biota in Aquatic Ecosystems. *Residue Rev.* 78: 101-135.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Mulla, M. S., Mian, L. S., and Kawecki, J. A. (1981). Distribution, Transport, and Fate of the Insecticides Malathion and Parathion in the Environment. *Residue Rev.* 81: 2-159.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Munn, M. D. and Gilliom, R. J. (2001). Pesticide Toxicity Index for Freshwater Aquatic Organisms. *Water-Resour. Invest. Rep. No. 01-4077*, U.S. Geol. Surv., Sacramento, CA 1-55.

Chem Codes: Chemical of Concern:

MCPB, CBL, CPY, DZ, MLN, ACR, ATZ, BFL, BTY, CZE, LNR, MTL, MBZ, PDM, PRO, SZ, TET, TFN Code: REFS CHECKED/REVIEW.

Munn, S., Keefe, T. J., and Savage, E. P. (1985). A Comparative Study of Pesticide Exposures in Adults and Youth Migrant Field Workers. *Arch environ health* 40: 215-220.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Murakami, M. and Fukami, J. I. (1983). Compiled Data on Toxicity to Cultured Animal and Human Cells and the Mammalian LD50 Values of Pesticides. *J. Pestic. Sci.* 8 : 367-370.

Chem Codes: Chemical of Concern:

MLN, RTN, PCP, DINO, Captan, PCB, CBL, DZ, DCTP, DMT, PPN, PPHD, FNT, TCF, AND, CHD, DDT, DLD, D DVP Code: HUMAN HEALTH/IN VITRO.

Murakami, M. and Fukami, J. I. (1985). Specific Molecular Connectivity Analysis of Pesticides and Related Compounds a Preliminary Study. *Bull environ contam toxicol* 34: 775-779.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Murphy, Chris F., Jepson, Paul C., and Croft, Brian A. (1994). Database Analysis of the Toxicity of Antilocust Pesticides to Non-Target, Beneficial Invertebrates. *Crop Protection* 13: 413-420.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Murphy, S. A. (1992). Aerial Pest Eradication in Massachusetts and California and the Pesticide Malathion. *Boston College Environmental Affairs Law Review [BOSTON COLL. ENVIRON. AFF. LAW REV.]*. Vol. 19, no. 4, pp. 851-884. 1992.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Murphy, S. D. (1966). Liver Metabolism and Toxicity of Thiophosphate Insecticides in Mammalian, Avian and Piscine Species. *Proc. Soc. Exp. Biol. Med.* 123: 392-398.

Chem Codes: Chemical of Concern: PRN, AZ, MLN Code: IN VITRO.

Murthy, K. S Rk, Rao, B. N., Subbaratnam, C. V., Azam, K. M., and Murthy, B. Hk (Residues of Malathion on Bhendi. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 26-27.*

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Mutero, A., Pralavorio, M., Bride, J. M., and Fournier, D. (Resistance-Associated Point Mutations in Insecticide-Insensitive Acetylcholinesterase. *Proc natl acad sci u s a.* 1994, jun 21; 91(13):5922-6. [*Proceedings of the national academy of sciences of the united states of america*]: *Proc Natl Acad Sci U S A.*

Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.

Mwanthi, M. A. (1998). Occurrence of Three Pesticides in Community Water Supplies Kenya. *Bulletin of environmental contamination and toxicology* 60: 601-608.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Myhr, B. C. and Caspary, W. J. (Chemical Mutagenesis at the Thymidine Kinase Locus in L5178y Mouse Lymphoma Cells: Results for 31 Coded Compounds in the National Toxicology Program. *Environ mol mutagen* 18:51-83,1991: *ENVIRON MOL MUTAGEN.*

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

- Nagai, K. (1990). Effect of Insecticides on Orius Sp., The Natural Enemy of Thrips Palmi Karny. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 34, no. 4, pp. 321-324. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Nagy, S., Straus, H., Ghelberg, N. W., and Salagean, S. (1972). Toxic Effects of Malathione on Irradiated Organisms. *Igiena (Buchar.)* 21: 409-414 (ROM) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Naidu, U. V., Seshaiiah, K., and Naidu, G. R. (1990). Colorimetric Determination of Malathion With Methylene Green. *Acta chim hung* 127: 381-384.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Nair, A. S. and Pradeep, T. (Extraction of Chlorpyrifos and Malathion From Water by Metal Nanoparticles. *J nanosci nanotechnol.* 2007, jun; 7(6):1871-7. [*Journal of nanoscience and nanotechnology*]: *J Nanosci Nanotechnol.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nakagawa, R., Hirakawa, H., and Hori, T. (1995). Estimation of 1992-1993 Dietary Intake of Organochlorine and Organophosphorus Pesticides in Fukuoka, Japan. *Journal of aoac international* 78: 921-929.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Nakamura, Y., Sekiguchi, Y., Hasegawa, S., Tsumura, Y., Tonogai, Y., and Ito, Y. (1993). Reductions in Postharvest-Applied Dichlorvos, Chlorpyrifos-Methyl, Malathion, Fenitrothion, and Bromide in Rice During Storage and Cooking Processes. *Journal of agricultural and food chemistry* 41: 1910-1915.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Nakamura, Y., Tonogai, Y., Sekiguchi, Y., Tsumura, Y., Nishida, N., Takakura, K., Isechi, M., Yuasa, K., Nakamura, M., Kifune, N., Yamamoto, K., Terasawa, S., Oshima, T., Miyata, M., Kamakura, K., and Ito, Y. (1994). Multiresidue Analysis of 48 Pesticides in Agricultural Products by Capillary Gas Chromatography. *Journal of agricultural and food chemistry* 42: 2508-2518.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1991). A Multiple Sample Extraction and on-Line System for the Analysis of Chlorinated Compounds. *Tenth international symposium on chlorinated dioxins and related compounds 1990, part 1, bayreuth, germany, september 10-14, 1990. Chemosphere* 23: 1109-1116.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nam, K. S., Kapila, S., Yanders, A. F., and Puri, R. K. (1990). Supercritical Fluid Extraction and Cleanup Procedures for Determination of Xenobiotics in Biological Samples. *9th international symposium on chlorinated dioxins and related compounds 1989, part 1, toronto, ontario, canada, september 17-22, 1989. Chemosphere* 20: 873-880.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Namera, A., Yashiki, M., Nagasawa, N., Iwasaki, Y., and Kojima, T. (1997). Rapid Analysis of Malathion in Blood Using Head Space-Solid Phase Microextraction and Selected Ion Monitoring. *Forensic science international* 88: 125-131.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Nandan, R. and Raisuddin, S. (1992). Fungal Degradation of Industrial Wastes and Wastewater. *Arora, d. K., R. P. Elander and k. G. Mukerji (ed.). Handbook of applied mycology, vol. 4. Fungal biotechnology. Xvii+1114p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Illus. Isbn 0-8247-8501-0.; 0: 931-961.*
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.

- Naqvi, S. Nh and Jahan, M. (1999). Pesticide Residues in Serum and Blood Samples of the People of Karachi. *Journal of environmental biology* 20: 241-244.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Nath, G. and Srivastava, M. K. (1990). Effect of Processing on the Removal of Malathion From Treated Cabbages (Brassica Oleracea Var Capitata). *Indian j entomol* 52: 300-309.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- National Technical Information Serv., Springfield, VA (USA) (1990). Biodegradation of Pesticides and Herbicides. March 1978-March 1990 (a Bibliography From the Life Sciences Collection Database).
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Naukkarinen, A., Paljarvi, L., Hirvonen, M. R., Komulainen, H., and Savolainen, K. M. (1988). Lithium Aggravates Maloxon-Induced Brain Cell Injury. *18th annual meeting of the society for neuroscience, toronto, ontario, canada, november 13-18, 1988. Soc neurosci abstr* 14: 571.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Navarro Garcia S, Camara, M. A., Barba, A., Toledano, R., and Luna, A. (1992). Incidence of Residual Levels of Organophosphorus Insecticides in Farm Produce in the Region of Murcia, Spain: Comparison of Intake in the 1985-86 and 1989 Campaigns. *J appl toxicol* 12: 251-254.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Navarro, S., PÉrez, Rez, G., Navarro, G., and Vela, N. (Decline of Pesticide Residues From Barley to Malt. *Food addit contam.* 2007, aug; 24(8):851-9. [Food additives and contaminants]: Food Addit Contam.
Chem Codes: Chemical of Concern: MLN Code : FOOD.
- Navarro, Sim n, P0rez, Gabriel, Navarro, Gin0s, Mena, Luis, and Vela, Nuria (2007). Variability in the fermentation rate and colour of young lager beer as influenced by insecticide and herbicide residues. *Food Chemistry* 105: 1495-1503.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Nazer, I. K. (1974). Protection of Honey Bees With Oxime Drugs From Pesticide Poisoning. *Diss. Abstr. Int.* 35: 2799b.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Nazer, I. K. and Archer, T. E. (1975). In Vitro Studies on Bee Brain Acetylcholinesterase-Organophosphorus Complex Utilizing Oxime Drugs. *Toxicology and Applied Pharmacology* 31: 459-464.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Ndayiragije, P. and Autrique, A. (1992). Toward More Integrated Control of the Principal Crop Pests in Burundi. *Memoires de la Societe Royale Belge d'Entomologie* 35: 439-445 (FRE).
Chem Codes: Chemical of Concern: DDT,MLN,FNT,FNTH,DM,CYP,FNV Code: NON-ENGLISH.
- Nealon, M. and Findlay, J. (Pesticide Resistant Head Lice. Interview by Jennifer Ford. *Adv Nurse Pract.* 2008, Aug; 16(8):53-5. [Advance for nurse practitioners].
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Neary, D. G. (1985). Fate of Pesticide in Florida's Usa Forests an Overview of Potential Impacts on Water Quality. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct.* 23-25, 1984. *Soil crop sci soc fla proc* 44: 18-24.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Neary, D. G., Bush, P. B., and Michael, J. L. (1993). Fate, Dissipation and Environmental Effects of Pesticides in Southern Forests: a Review of a Decade of Research Progress. *Environmental Toxicology and Chemistry [ENVIRON. TOXICOL. CHEM.]*. Vol. 12, no. 3, pp. 411-428. 1993.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Neeraja, P., Mohanachari, V., Indira, K., and Sawmi, K. S. (1984). Effect of Malathion on Sheep Liver Argininosuccinate Synthetase Activity. *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 2, no. 4, pp. 283-285. 1984.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Neidert, E. and Saschenbrecker, P. W. (1996). Occurrence of Pesticide Residues in Selected Agricultural Food Commodities Available in Canada. *Journal of aoac international* 79: 549-566.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Nellessen, J. E. and Fletcher, J. S. (1993). Assessment of Published Literature Pertaining to the Uptake/Accumulation, Translocation, Adhesion and Biotransformation of Organic Chemicals by Vascular Plants. *Environmental toxicology and chemistry* 12: 2045-2052.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Nepomnyashchikh, V. A., Delonay, A. J., and Little, E. E. (Behavioral Studies of Contaminant Effects on Aquatic Invertebrates a Review of Russian Investigations. Bengtson, d. A. And d. S. Henshel (ed.). *Astm stp*, 1306. *Environmental toxicology and risk assessment: biomarkers and risk assessment, fifth volume; symposium, denver, colorado, usa, april 3-5, 1995. Xiii+476p. American society for testing and materials (astm): philadelphia, pennsylvania, usa. Isbn 0-8031-2031-1.; 0 (1306). 1996. 323-343.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

NERAC, Inc., Tolland, CT (USA) (1993). Malathion Toxicity. (Latest Citations From the Life Sciences Collection Database). Published Search.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Nerin, C., Tornes, A. R., Domeno, C., and Cacho, J. (1996). Absorption of Pesticides on Plastic Films Used as Agricultural Soil Covers. *Journal of agricultural and food chemistry* 44: 4009-4014.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Neuhold, J. M. (1987). The Relationship of Life History Attributes to Toxicant Tolerance in Fishes. *Environ toxicol chem* 6: 709-716.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Neumeyer, J. L. (1981). Pesticides - 1. Foye, w. O. (Ed.). *Principles of medicinal chemistry, 2nd edition. Xiii+931p. Lea and febiger: philadelphia, pa., Usa. Illus. Isbn 0-8121-0722-5. 0: P817-836.*

Chem Codes: Chemical of Concern: MLO Code: REVIEW.

Ng, W., Teo, M., and Lakso, H. A. (1999). Determination of Organophosphorus Pesticides in Soil by Headspace Solid-Phase Microextraction. *Fresenius' journal of analytical chemistry* 363: 673-679.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Ngugi, G. and Mbaria, G. (Sustainability in Agricultural Development: Evaluation of Environmental Impacts of Large-Scale Coffee Enterprises in Kiambaa Division, Central Kenya. *International journal of environmental health research*; 5 (1). 1995. 7-17. Ab - biosis copyright: biol abs. This paper presents crucial highlights of a study carried out to assess the sustainability of large-scale coffee production in kiambaa division of central kenya. The result show that to maintain, and probably increase on the 1991 average production of 140 metric tonnes requires the application of massive quantities of increasingly expensive fertilizers and potent biocides. Secondly, the acquisition of success and attainment of abnormal profits in the estates demand lowly-paid labour (mean, ksh 770 or us \$11 per month). The effects are a poisoned environment on one hand and severely exploited employees who, out of the sheer need for survival, have to live and work within this environment. The paper recommends a re-assessment of land acquisition policies to enable widespread participation of the local population in multi-crop farming and a review of agricultural policies to provide stipulations on what agricultural production practices ought to

be adopted in different eco.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Nielsen, J. B., Nielsen, F., SØ, and Rensen, J. A. (Defense Against Dermal Exposures Is Only Skin Deep: Significantly Increased Penetration Through Slightly Damaged Skin. *Arch dermatol res.* 2007, nov; 299(9):423-31. [*Archives for dermatological research. Archiv fur dermatologische forschung*]: *Arch Dermatol Res.*

Chem Codes: Chemical of Concern: MLN Code : IN VITRO,HUMAN HEALTH.

Niessner, G., Buchberger, W., and Bonn, G. K. (1996). Rapid Multiresidue Screening Method for the Determination of Pesticides in Plant Materials. *Journal of chromatography a* 737: 215-222.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Nishimura, M. (1999). Repellents and Use of Prey Items for Delivering Toxicants for Control of Habu (*Trimeresurus Flavoviridis*). In: G.H.Rodda, Y.Sawai, D.Chiszar, and H.Tanaka (Eds.), *Problem Snake Management: The Habu and the Brown Treesnake*, Cornell Univ.Press, Ithaca, NY 158-167.

Chem Codes: Chemical of Concern: MLN,CBF,CPY,BTY,EPTC Code: REVIEW.

Nishio, A. and Uyeki, E. M. (Induction of Sister Chromatid Exchanges in Chinese Hamster Ovary Cells by Organophosphate Insecticides and Their Oxygen Analogs. *J toxicol environ health.* 1981 nov-dec; 8(5-6):939-46. [*Journal of toxicology and environmental health*]: *J Toxicol Environ Health.*

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

Nishiuchi, Y. (1972). The Pesticide Sensitivity and Water Temperature Effects on *Daphnia pulex* (De Geer)-I. *Suisan Zoshoku* 19: 1-5 (JPN).

Chem Codes: Chemical of Concern: DDT,AND,DLD,EN,HPT,ES,MP,DZ,MLN,DMT,PHSL,MOM
Code: NON-ENGLISH.

Nishiuchi, Y., Yoshida, K., and Hashimoto, Y. (1971). The Effects of Pesticides on *Misgurnus anguillicaudatus* (Cantor)-I. *Suisan Zoshoku* 18: 227-235 (JPN).

Chem Codes: Chemical of Concern: DDT,AND,EN,HPT,ES,MP,PRN,FNT,FNTH,DZ,MLN,MOM Code: NON-ENGLISH.

Nobel, A. (1993). Partition Coefficients N Octanol Water for Pesticides. *J chromatogr* 642: 3-14.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Nohara, S., Hanazato, T., and Iwakuma, T. (1997). Pesticide Residue Flux From Rainwater Into Lake Nakanuma in the Rainy Season. *Japanese journal of limnology* 58: 385-393.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Nomeir, Amin A. and Dauterman, Walter C. (1978). In Vitro Degradation of Malathion by Mouse Liver. *Biochemical Pharmacology* 27: 2975-2976.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO, METABOLISM.

Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1992). Chemical Analysis. *Water environ res* 64: 303-333.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Nubbe, M. E., Adams, V. D., Watts, R. J., and Clark, Y. R. (1990). Organics. *Res j water pollut control fed* 62: 359-383.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Nunes, G. S. and Barcelo, D. (1998). Electrochemical Biosensors for Pesticide Determination in Food Samples. *Analisis* 26: M156-m159.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- O'Brien, R. D. (1963). Organophosphates and Carbamates. In: R.M.Hochster and J.H.Quastel (Eds.), *Metabolic Inhibitors: A Comprehensive Treatise, Volume II*, Acad.Press Inc., New York, NY 205-241.
Chem Codes: Chemical of Concern: DZ,PRN,DMT,MLN Code: REVIEW.
- O'brien, R. D. (Phosphorylation and Carbamylation of Cholinesterase. *Ann. N. Y. Acad. Sci.*; 160(1), 204-14, 1969; (ref:25).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- O'Brien, R. D. (1961). Selective Toxicity of Insecticides. *Adv.Pest Control Res.* 4: 75-116.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- O'connor, R. J. and Boone, R. B. (A Retrospective Study of Agricultural Bird Populations in North America. Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). *Ecological indicators*, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 1165-1184.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- O'malley, M. (1997). Clinical Evaluation of Pesticide Exposure and Poisonings. *Lancet (north american edition)* 349: 1161-1166.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- O'neill, H. J., Pollock, T. L., Brun, G. L., Doull, J. A., Leger, D. A., and Bailey, H. S. (1992). Toxic Chemical Survey of Municipal Drinking Water Sources in Atlantic Canada 1985-1988. *Water pollut res j can* 27: 715-732.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Obst, U. (1991). Dechema Congress on Biotechnology Frankfurt Am Main Germany May 1990. *Z wasser-abwasser- forsch* 24: 1-45.
Chem Codes: Chemical of Concern: MLO Code : NON-ENGLISH.
- Oehme, F. W. and Barrett, D. S. (1986). Veterinary Gastrointestinal Toxicology. Rozman, k. And o. Hanninen (ed.). *Gastrointestinal toxicology*. Xxiv+606p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co. Inc.: New york, new york, usa). Illus. Isbn 0-444-90424-7. 0: 464-513.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ogunseitan, O. A. and Odeyemi, O. (1985). Effects of Lindane, Captan and Malathion on Nitrification, Sulphur Oxidation, Phosphate Solubilisation and Respiration in a Tropical Soil. *Environmental Pollution Series A, Ecological and Biological* 37: 343-354.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Oh-Shin, Y. S., Ko, M., and Shin, H. S. (1997). Simultaneous Quantification of Insecticides Including Carbaryl in Drinking Water by Gas Chromatography Using Dual Electron-Capture and Nitrogen-Phosphorus Detection. *Journal of chromatography a* 769: 285-291.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ohnishi, T., Yoshida, T., Igarashi, A., Muroi, M., and Tanamoto, K. (2008). Effects of Possible Endocrine Disruptors on MyD88-Independent TLR4 Signaling. *FEMS Immunol.Med.Microbiol.* 52: 293-295.
Chem Codes: Chemical of Concern:
TFN,Ziram,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,PHTH,VCZ,
TDC Code : IN VITRO.
- Ohnishi, T., Yoshida, T., Igarashi, A., Muroi, M., Tanamoto, K., and K.Tanamoto (2008). Effects of Possible Endocrine Disruptors on Myd88-Independent Tlr4 Signaling. *FEMS Immunol.Med.Microbiol.* 52: 293-

295 .

Chem Codes: Chemical of Concern:

TFN,Ziram,MLN,MOM,MXC,MBZ,PCP,PMR,SZ,ADC,AMTL,ATZ,BMY,CBL,24D,24DC,PHTH,VCZ,
TDC Code: IN VITRO.

Ohno, Koichi, Minami, Takehiro, Matsui, Yoshihiko, and Magara, Yasumoto (2008). Effects of chlorine on organophosphorus pesticides adsorbed on activated carbon: Desorption and oxon formation. *Water Research* 42: 1753-1759.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ohta, T., Watanabe, M., Tsukamoto, R., Shirasu, Y., and Kada, T. (1986). Antimutagenic Effects of 5 Fluorouracil and 5 Fluorodeoxyuridine on Uv-Induced Mutagenesis in Escherichia-Coli. *Mutat res* 173: 19-24.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Okumura, D., Melnicoe, R., Jackson, T., Drefs, C., Maddy, K., and Wells, J. (1991). Pesticide Residues in Food Crops Analyzed by the California Usa Department of Food and Agriculture in 1989. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 87-152.*

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Olgun, Selen, Gogal, Jr. Robert M., Adeshina, Femi, Choudhury, Harlal, and Misra, Hara P. (2004). Pesticide Mixtures Potentiate the Toxicity in Murine Thymocytes. *Toxicology* 196: 181-195.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Oliver, L. D. and Mckone, T. E. (Fugacity Approach for Modeling the Transport of Airborne Organic Chemicals in an Air/Plant/Soil System. *Govt reports announcements & index (gra&i), issue 22, 2093.*

Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.

Omura, M., Hashimoto, K., Ohta, K., Iio, T., Ueda, S., Ando, K., Fujiu, Y., Hiraide, H., and Kinae, N. (1991). Effective Application of the Relative Retention Time Diagram for Gas Chromatographic Analysis of Pesticides. *J agric food chem* 39: 2200-2205.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Onodera, S., Furukawa, N., Matsuura, Y., Manabe, K., Suzuki, S., Ishikura, S., and Suzuki, S. (1983). Identification and Micro-determination of Organophosphorus Insecticides in Environmental Samples by a Combination of Cholinesterase Assay and Hypochlorite Oxidation. *Eisei Kagaku* 29: 30 (ABS).

Chem Codes: Chemical of Concern:

Naled,CMPH,DZ,DMT,DS,ETN,AZ,MLN,MP,PRN,PRT,FNT,EPV,MLO Code: CHEM METHODS.

Onodera, S., Hirose, Y., Ishikura, S., and Suzuki, S. (1987). Production of Mutagens by the Treatment With Chlorine of Organophosphorus Pesticides Opp in Dilute Aqueous Solution. *Joint japan-usa congress of pharmaceutical sciences, honolulu, hawaii, usa, december 2-7, 1987. J pharm sci* 76: S131.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Onodera, S., Ishikura, S., Kagawa, Y., and Tanaka, K. (Chemical Reactions of Organic Compounds in Water Treated With Chlorine. 1. Formation of the P-O Analogues From the P-S Type of Organophosphorus Pesticides. *Eisei kagaku (j. Hyg. Chem.)* 22(4): 196-205 1976..

Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.

Osborne, B. G., Barrett, G. M., Laal-Khoshab, A. , and Willis, K. H. (1989). The Occurrence of Pesticide Residues in Uk Home-Grown and Imported Wheat. *Pestic sci* 27: 103-109.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Osman, N. and Fong, A. W. (1988). (Toxicity of Insecticides Towards Larval Corcyra Cepalonica St.). *PERTANIKA. Vol. 11, no. 2, pp. 195-201. 1988.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Osselton, M. D. and Snelling, R. D. (1986). Chromatographic Identification of Pesticides. *J chromatogr* 368: 265-272.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Osterdahl, B. G. (1999). Analysis of Pesticide Residues in Fruit and Vegetables After Cleanup With Solid-Phase Extraction Using Env+ (Polystyrene-Divinylbenzene) Cartridges. Au - Pihlstrom T. *Journal of agricultural and food chemistry* 47: 2549-2552.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Ostrea, E. M. Jr, Bielawski, D. M., Posecion, N. C. Jr, Corrion, M., Villanueva-Uy, E., Bernardo, R. C., Jin, Y., Janisse, J. J., and Ager, J. W. (Combined Analysis of Prenatal (Maternal Hair and Blood) and Neonatal (Infant Hair, Cord Blood and Meconium) Matrices to Detect Fetal Exposure to Environmental Pesticides. *Environ Res.* 2009, Jan; 109(1):116-22. [*Environmental research*].

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Ostrea, E. M. Jr, Bielawski, D. M., Posecion, N. C. Jr, Corrion, M., Villanueva-Uy, E., Jin, Y., Janisse, J. J., and Ager, J. W. (A Comparison of Infant Hair, Cord Blood and Meconium Analysis to Detect Fetal Exposure to Environmental Pesticides. *Environ res.* 2008, feb; 106(2):277-83. [*Environmental research*]: *Environ Res.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Ouye, M. T. (An Overview of Post Harvest Insect Research Performed by Usa Department of Agriculture Agricultural Research Service Laboratories. *Baur, f. J. (Ed.). Insect management for food storage and processing.* Xv+384p. American association of cereal chemists: st. Paul, minn., Usa. Illus. Isbn 0-913250-38-4.; 0 (0). 1984 (recd. 1985). 203-224.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Ozretic, B. and Krajnovic-Ozretic, M. (1992). Esterase Heterogeneity in Mussel *Mytilus galloprovincialis*: Effects of Organophosphate and Carbamate Pesticides In Vitro. *Comp.Biochem.Physiol.C* 103: 221-225.

Chem Codes: Chemical of Concern: DDVP,PRN,AZ,MLN,CBL,PPX Code: IN VITRO.

Ozretic, B. and Krajnovic-Ozretic, M. (1992). Esterase Heterogeneity in Mussel *Mytilus Galloprovincialis*: Effects of Organophosphate and Carbamate Pesticides in Vitro. *Comp biochem physiol c comp pharmacol toxicol* 103: 221-225.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Paddle, B. M. (1996). Biosensors for Chemical and Biological Agents of Defence Interest. *Biosensors & bioelectronics* 11: 1079-1113.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Paez, D. M. and Farah, M. (Rapid Method for the Identification of Organophosphate Components in Blood Using Thin Layer Chromatography. *Rev asoc bioquim argent*; 36 (194-195). 1971 (recd 1972) 127-131.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Pal, Tarasankar, Griffin, Guy D., Miller, Gordon H., Watson, Annetta P., Daugherty, Mary Lou, and Vo-Dinh, Tuan (1993). Permeation Measurements of Chemical Agent Simulants Through Protective Clothing Materials. *Journal of Hazardous Materials* 33: 123-141.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Pala, I., Vig, P. Js, Desaiiah, D., and Srinivasan, A. (1991). In Vitro Effects of Organophosphorus Compounds on Calmodulin Activity. *J appl toxicol* 11: 391-396.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Palmgren, M. S. and Lee, T. C. (1984). Malathion and Diazinon Levels in Grain Dust From New Orleans Area Grain Elevators. *American Industrial Hygiene Association Journal [AM. IND. HYG. ASSOC. J.]*. Vol. 45, no. 3, pp. 168-171. 1984.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Pandey, G. C. (1995). Kinetics of Organophosphorus Pesticide Inhibition of Acetylcholinesterase (Ec 3.1.1.7) From the Head of Tryporyza Nivella (Fabr.) (Lepidoptera: Pyralidae). *Folia biologica (cracow)* 43: 161-165.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Pandey, G. C. and Agarwal, R. A. (1982). In Vitro Inhibition of Acetylcholinesterase in the Head and Body Wall of Tryporyza Nivella (Fabr.) Following Treatment With Organophosphorus and Carbamate Insecticides. *Entomon.* Vol. 7, no. 2, pp. 123-131. 1982.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Pannell, M., Gilbert, J. D., Gardiner, J., and Byard, R. W. (2001). Death Due to Malathion Poisoning. *Journal of Clinical Forensic Medicine* 8: 156-159.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Panuwet, P., Prapamontol, T., Chantara, S., Thavornyuthikarn, P., Montesano, M. A., Whitehead, R. D. Jr, and Barr, D. B. (Concentrations of Urinary Pesticide Metabolites in Small-Scale Farmers in Chiang Mai Province, Thailand. *Sci Total Environ.* 2008, Dec 15; 407(1):655-68. [*The Science of the total environment*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Paris, D. F., Lewis, D. L., and Wolfe, N. L. (1975). Rates of Degradation of Malathion by Bacteria Isolated From Aquatic System. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 9, no. 2, pp. 135-138. 1975.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Parke, D. V., Dharni, M. Si, and Afzal, M. (1997). The Effect of Nutrition on Chemical Toxicity. *Drug metabolism and drug interactions* 13: 161-193.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Parker, P. J-a N and Callaghan, A. (1997). Esterase Activity and Allele Frequency in Field Populations of (Simulium Equinum L.) (Diptera: Simuliidae) Exposed to Organophosphate Pollution. *Environmental toxicology and chemistry* 16: 2550-2555.
Chem Codes: Chemical of Concern: MLN Code : SURVEY.
- Parrish, P. R., Dyar, E. E., Lindberg, M. A., Shanika, C. M., and Enos, J. M. (1977). Chronic Toxicity of Methoxychlor, Malathion, and Carbofuran to Sheepshead Minnows (Cyprinodon Variegatus). *EPA-600/3-77-059, U.S.EPA, Gulf Breeze, FL* 36 p.(Publ As 5074).
Chem Codes: Chemical of Concern: CBF,MLN Code: PUBL AS .
- Paschal, D. C. and Neville, M. E. (Chemical and Microbial Degradation of Malaoxon in an Illinois Soil. *J. Environ. Qual.* 5(4): 441-443 1976..
Chem Codes: Chemical of Concern: MLO Code: SEDIMENT CONC.
- Pasha, A., Vijayashankar, Y. N., and Karanth, N. Gk (1996). Thin-Layer Chromatographic Detection of Phosphorothionate and Phosphorothiolothionate Pesticides Using 4-Amino-N,N-Diethylaniline. *Journal of aoac international* 79: 1009-1011.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Passarella, I., Elia, I., Guarino, B., Bourlot, G., NÈ, and Gre, M. (1943). Evaluation of the Field Dissipation of Fungicides and Insecticides Used on Fruit Bearing Trees in Northern Italy. *J Environ Sci Health B.* 2009, Feb 44: Part. B, Pesticides, food contaminants, and agricultural wastes].
Chem Codes: Chemical of Concern: MLN Code: FOOD,FATE.

- Pathak, K., Barman, U., Kalita, M. K., and Saha, N. N. (2003). Assessment of Management Practices on Production of Rapeseed Under Rainfed Condition in Farmer's Field of Assam. *Ann.Biol.* 19: 157-159.
Chem Codes: Chemical of Concern: MLN,BOR Code: MIXTURE/NO EFFECT.
- Pathak, L., Singh, D. P., and Kumar, S. (2009). Effect of Malathion on Haematological Parameters of a Fresh Water Fish, *Labeo rohita*. *Bionotes* 11: 68.
Chem Codes: Chemical of Concern: MLN Code: ARCHIVE.
- Pathiratne, A. and George, S. (1996). Effects of in Vivo Induction and Inhibition of Phase 1 and 2 Enzymes on the Toxicity of Malathion to Tilapia. *8th international symposium on pollutant responses in marine organisms, pacific grove, california, usa, april 2-5, 1995. Marine environmental research* 42: 278-279.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Patil, T. N., Morton, R. A., and Singh, R. S. (1990). Characterization of 7-Ethoxycoumarin-O-Deethylase From Malathion Resistant and Susceptible Strains of *Drosophila Melanogaster*. *Insect Biochemistry* 20: 91-98.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Patsias, J. and Papadopoulou-Mourkidou, E. (1996). Rapid Method for the Analysis of a Variety of Chemical Classes of Pesticides in Surface and Ground Waters by Off-Line Solid-Phase Extraction and Gas Chromatography-Ion Trap Mass Spectrometry. *Journal of chromatography a* 740: 83-98.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Pearce, K. L., Trenerry, V. C., and Were, S. (1997). Supercritical Fluid Extraction of Pesticide Residues From Strawberries. *Journal of agricultural and food chemistry* 45: 153-157.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Pearce, N. E., Smith, A. H., Howard, J. K., Sheppard, R. A., Giles, H. J., and Teague, C. A. (1986). Non-Hodgkin's Lymphoma and Exposure to Phenoxyherbicides Chlorophenols Fencing Work and Meat Works Employment a Case-Control Study. *Br j ind med* 43: 75-83.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pedersen, J. A., Yeager, M. A., and Suffet, I. H. (2006). Organophosphorus Insecticides in Agricultural and Residential Runoff: Field Observations and Implications for Total Maximum Daily Load Development. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 40, no. 7, pp. 2120-2127. 1 Apr 2006.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pednekar, M. D., Gandhi, S. R., and Netrawali, M. S. (1987). Evaluation of Mutagenic Activities of Endosulfan Phosalone Malathion and Permethrin Before and After Metabolic Activation in the Ames Salmonella Test. *Bull environ contam toxicol* 38: 925-933.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Peedicayil, J., Ernest, K., Thomas, M., Kanagasabapathy, A. S., and Stephen, P. M. (1991). The Effect of Organophosphorus Compounds on Serum Pseudocholinesterase Levels in a Group of Industrial Workers. *Hum exp toxicol* 10: 275-278.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pellenbarg, R. E. and Dotson, D. A. (1986). Degradation of an Organophosphorus Pesticide Synergistic Effects of Aqueous Oxidants and Uv Radiation. *192nd american chemical society national meeting, anaheim, calif., Usa, sept. 7-12, 1986. Abstr pap am chem soc* 192: No pagination.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pemberton, J. M. and Wynne, E. C. (1984). Genetic Engineering and Biological Detoxification-Degradation of Insecticides. *Lal, r. (Ed.). Insecticide microbiology. Xvi+268p. Springer-verlag: berlin, west germany* New york, n.y., Usa. Illus. Isbn 3-540-13662-2; isbn 0-387-13662-2.; 0: 147-168.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

- Pena, C. J. and Medina, J. (1992). Evaluation of Malathion and Paris Green for the Control of Anopheles-Albimanus in a Tourist Area in the Dominican Republic. *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 308.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Pennsylvania Academy of Science Usa (1999). 75th Annual Meeting of the Pennsylvania Academy of Science (Pocono Manor, Pennsylvania, Usa; April 9-11, 1999). *Journal of the pennsylvania academy of science* 72: 148-188.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Penttila, P. L. and Siivinen, K. (1996). Control and Intake of Pesticide Residues During 1981-1993 in Finland. *Food additives and contaminants* 13: 609-621.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Penuela, G. A. and Barcelo, D. (1998). Photosensitized Degradation of Organic Pollutants in Water: Processes and Analytical Applications. *Trends in analytical chemistry* 17: 605-612.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Perez Clavijo M, Plaza Medina M, Sanz Asensio J, and Galban Bernal J (1996). Decay Study of Pesticide Residues in Apple Samples. *Journal of chromatography a* 740: 146-150.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Perona, M. J. (1992). The Solubility of Hydrophobic Compounds in Aqueous Droplets. *Atmos environ part a gen top* 26: 2549-2553.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Petreas, M., Brown, M., Mischke, T., Okamoto, H., and Stephens, R. (1992). Environmental Monitoring for Malathion and Co-Products Following Aerial Application in an Urban Area. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Envr319.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Pfleeger, T. G. and Zobel, D. (1990). Xenobiotic Modification of Competitive Hierarchy in an Annual Plant Community. *75th annual meeting of the ecological society of america on perspectives in ecology: past, present, and future, snowbird, utah, usa, july 29-august 2, 1990. Bull ecol soc am* 71: 284-285.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Pflugmacher, J. and Ebing, W. (Elevation of the Elution Behaviour of Some Classes of Pesticides in Gel Chromatography. *J chromatogr*; 151 (2). 1978 171-198.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Picchioni, Albert L., Chin, Lincoln, Verhulst, Henry L., and Dieterle, Brian (1966). Activated Charcoal Vs. "Universal Antidote" as an Antidote for Poisons. *Toxicology and Applied Pharmacology* 8: 447-454.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pimentel, D. (1994). Insect Population Responses to Environmental Stress and Pollutants. *Environmental reviews* 2: 1-15.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pingale, V. S. and Rale, V. B. (1991). Effect of Residual Pesticides on Microflora During Fruit Development in Mangifera Indica, L. *Indian j environ health* 33: 198-202.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, YEAST.
- Pinto de Matos, A. H. (1976). Influence of Insecticide Treatments on the Germination of Bean and Wheat Seed (Influencia dos Tratamentos Inseticidas no Poder Germinativo das Sementes). *Garcia de Orta*,

- Ser.Estud.Agron 3: 43-57 (POR) (ENG ABS).
Chem Codes: Chemical of Concern: DDT,HCCH,MLN,MB,CBNDS Code: NON-ENGLISH.
- Pitts, J. N Jr (1993). Atmospheric Formation and Fates of Toxic Ambient Air Pollutants. *Occupational medicine (philadelphia)* 8: 621-662.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Plimmer, J. R. and Johnson, W. E. (1991). Pesticide Degradation Products in the Atmosphere. *Somasundaram, I. And j. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 274-284.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Pluth, J. M., O'Neill, J. P., Nicklas, J. A., and Albertini, R. J. (1998). Molecular Bases of Hprt Mutations in Malathion-Treated Human T-Lymphocytes. *Mutation Research [MUTAT. RES.]*. Vol. 397, no. 2, pp. 137-148. 2 Feb 1998.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pocurull, E., Aguilar, C., Borrull, F., and Marce, R. M. (1998). On-Line Coupling of Solid-Phase Extraction to Gas Chromatography With Mass Spectrometric Detection to Determine Pesticides in Water. *Journal of chromatography a* 818: 85-93.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Poggi-Varaldo, H. M., Estrada-Vazquez, C., and Rinderknecht-Seijas, N. (1998). Agricultural Wastes. *Water environment research* 70: 601-620.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Pogoda, J. M. and Preston-Martin, S. (1997). Household Pesticides and Risk of Pediatric Brain Tumors. *Environmental health perspectives* 105: 1214-1220.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pollard, G. V. (1991). Constraints to Ipm Development and a Strategy for Management of Tomato and Cabbage Pests in Trinidad, West Indies. *Trop pest manage* 37: 59-62.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pollero, R., Goyena, R., Siquiroff, M., and Tumino, R. (1976). Removal of Pesticides in Water of Rio De La Plata. *Bull. Environ. Contam. Toxicol.* Vol. 15, no. 5, pp. 617-622. 1976.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pols, H. B., Hieltjes, A. Hm, and Kouwe, F. A. (1991). The Occurrence and the Sources of Black List Substances in Two River Basins in the Netherlands. *Iawprc (international association on water pollution research and control) conference on north sea pollution: technical strategies for improvement, amsterdam, netherlands, september 10-14, 1990.* *Water sci technol* 24: 55-68.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Pomerleau, O. F., Burmeister, M., Madden, P., Long, J. C., Swan, G. E., and Kardia, S. L. (Genetic Research on Complex Behaviors: an Examination of Attempts to Identify Genes for Smoking. *Nicotine tob res.* 2007, aug; 9(8):883-901. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]: *Nicotine Tob Res.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH,REVIEW.
- Pomerleau, O. F., Pomerleau, C. S., Chu, J., and Kardia, S. L. (Genome-Wide Linkage Analysis for Smoking-Related Regions, With Replication in Two Ethnically Diverse Populations. *Nicotine tob res.* 2007, sep; 9(9):955-8. [*Nicotine & tobacco research : official journal of the society for research on nicotine and tobacco*]:

- tobacco*]: *Nicotine Tob Res.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Pommer, G. and Lepschy, J. (Studies on the Contents of Winter Wheat and Carrots Produced and Marketed in Various Fashions. *Bayer landwirtsch jahrb*; 62 (5). 1985 (recd. 1986). 549-564.
Chem Codes: Chemical of Concern: MLO Code: NO TOX DATA.
- Popper, R., Andino, K., Bustamante, M., Hernandez, B., and Rodas, L. (1996). Knowledge and Beliefs Regarding Agricultural Pesticides in Rural Guatemala. *Environmental management* 20: 241-248.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Porteous, A. (1992). Dictionary of Environmental Science and Technology Revised Edition. *Porteous, a. Dictionary of environmental science and technology, revised edition. Xiv+439p. John wiley and sons ltd.: Chichester, england, uk New york, new york, usa. Isbn 0-471-93544-1.; 0: Xiv+439p.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Pournourmohammadi, Shirin, Ostad, Seyed Nasser, Azizi, Ebrahim, Ghahremani, Mohammad Hossein, Farzami, Bijan, Minaie, Bagher, Larijani, Bagher, and Abdollahi, Mohammad (2006). Effect of Malathion at Subchronic Exposure on Insulin Secretory Response of Rat Isolated Pancreatic Islets: Abstracts of the EUROTOX 2006/6 CTDC Congress - 43rd Congress of the European Societies of Toxicology & 6th Congress of Toxicology in Developing Countries. *Toxicology Letters* 164: S164-S165.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Prabhakar, Nirmal, Arora, Kavita, Singh, Surinder P., Pandey, Manoj K., Singh, Harpal, and Malhotra, Bansi D. (2007-). Polypyrrole-polyvinyl sulphonate film based disposable nucleic acid biosensor. *Analytica Chimica Acta* 589: 6-13.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Prevot, P. and Soyer-Gobillard, M. O. (1985). Effects of the Organophosphorus Insecticide Malathion on the Marine Dinoflagellate *Prorocentrum Micans* E. (Effets Du Malathion, Insecticide Organophosphore, Sur Le Dinoflagelle Marin *Prorocentrum Micans* E.). *Vie Milieu* 35: 15-21 (FRE) (ENG ABS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Price, N. R. (1991). Enzymic Factors in the Resistance of Stored-Product Pests to Insecticides. *638th meeting of the biochemical society, reading, england, uk, april 10-12, 1991. Biochem soc trans* 19: 759-762.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Price, N. R. (1988). Insecticide-Insensitive Acetylcholinesterase From a Laboratory Selected and a Field Strain of Housefly (*Musca Domestica*) (L.). *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology* 90: 221-224.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Prickett, A. J. (Maintaining Insecticide Susceptibility in Stored-Grain Pests. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 355.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Prieto, A., Ettiene, G., Medina, D., Buscema, I., Gonzalez, G., and Araujo, L. (1999). Analysing Organophosphorus Pesticides in Wines Using Graphitized Carbon Black Extraction Cartridges. *Food additives and contaminants* 16: 57-61.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Prinsloo, S. M. and De Beer Pr (1985). Gas Chromatographic Relative Retention Data for Pesticides on Nine Packed Columns I. Organophosphorus Pesticides Using Flame Photometric Detection. *J assoc off anal chem* 68: 1100-1108.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

- Prokopenko, V. A. and Filatova, G. A. (1980). Effect of Carbophos on Hydrobionts. *Veterinariya (Mosc.)* 9: 60-62 (RUS).
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Puelschen, L., Kaske, R., and Sauerborn, S. (1994). Pesticide Use in Egypt, Its Ecological Impact and Mitigative Measures. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 101: 303-315.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Pugliese, P., MoltÓ, Jc, Damiani, P., MarÍ, N, R., Cossignani, L., MaÑ, and Es, J. (Gas Chromatographic Evaluation of Pesticide Residue Contents in Nectarines After Non-Toxic Washing Treatments. *J chromatogr a. 2004, oct 1; 1050(2):185-91. [Journal of chromatography. A]: J Chromatogr A.*
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Pykh, Y. U. A and Malkina-Pykh, I. G. (1997). Polmod.pest. The Model of Pesticides Dynamics in the Elementary Ecosystems. *Ecological modelling* 98: 215-236.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Pylypiw, H. M Jr (1993). Rapid Gas Chromatographic Method for the Multiresidue Screening of Fruits and Vegetables for Organochlorine and Organophosphate Pesticides. *Journal of aoac international* 76: 1369-1373.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Qian, C., Sanders, P. F., and Seiber, J. N. (1985). Accelerated Degradation of Organophosphorus Pesticides With Sodium Perborate. *Bull environ contam toxicol* 35: 682-688.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Bohls, R. A., Pooler, P. D., Foster, R. N., Reuter, K. C., and Swain, J. L. (1991). Habitat Characteristics and Grasshopper Community Dynamics on Mixed-Grass Rangeland. *Can entomol* 123: 89-106.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- QuintÁ, S, G., Garrigues, S., and De La Guardia, M. (Ft-Raman Spectrometry Determination of Malathion in Pesticide Formulations. *Talanta. 2004, May 28; 63(2):345-50. [Talanta].*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Quintero, A., Caselles, M. J., Ettiene, G., De Colmenares, N. G., RamÍ, Rez, T., and Medina, D. (Monitoring of Organophosphorus Pesticide Residues in Vegetables of Agricultural Area in Venezuela. *Bull Environ Contam Toxicol. 2008, Oct; 81(4):393-6. [Bulletin of environmental contamination and toxicology].*
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- RÍ, Os-Bedoya, C. F., Snedecor, S. M., Pomerleau, C. S., and Pomerleau, O. F. (Association of Withdrawal Features With Nicotine Dependence as Measured by the FagerstrÖM Test for Nicotine Dependence (Ftnd). *Addict Behav. 2008, Aug; 33(8):1086-9. [Addictive behaviors].*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ra'afat, H. R. (Notes on Occupational and Environmental Importance of Pesticides in Iraq. *Bull endem dis; 27 (1-4). 1986 (recd. 1987). 21-24.*
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Raevskii, O. A., Razdol'skii, A. N., Tonkopii, V. D., Iofina, I. V., and Zagrebin, A. O. (2008). Classificatory and Quantitative Models of the Relationship Between the Structures of Chemical Compounds and Their Toxicity for *Daphnia magna*. *Pharm.Chem.J.* 42: 329-334.
Chem Codes: Chemical of Concern:
 PMR,CHT,CYP,FPP,ETHN,MOL,nBUT,PPNOL,AMYCH,AMSV,MCRE,DCA,DMT,DZ,DDVP,MLO,C

BF,NCTN,PPX,TCF,TEPP,FNT,CPY,ADC,STCH,EGY,CTC,C6OH,3CE,BNZ,2BE,PCP,ATN,DM,RSM,FNV,SMT,AN,24DC,PL,PRN,HPT Code: NO CONC/QSAR.

Raevskii, O. A., Razdol'skii, A. N., Tonkopii, V. D., Iofina, I. V., and Zagrebin, A. O. (2008). Classificatory and Quantitative Models of the Relationship Between the Structures of Chemical Compounds and Their Toxicity for *Daphnia Magna*. *Pharm.Chem.J.* 42: 329-334.

Chem Codes: Chemical of Concern:

PMR,CHT,CYP,FPP,ETHN,MOL,nBUT,PPNOL,AMYCH,AMSV,MCRE,DCA,DMT,DZ,DDVP,MLO,C BF,NCTN,PPX,TCF,TEPP,FNT,CPY,ADC,STCH,EGY,CTC,C6OH,3CE,BNZ,2BE,PCP,ATN,DM,RSM,FNV,SMT,AN,24DC,PL,PRN,HPT Code: NO CONC/QSAR.

Rafai, M. A., Boulaajaj, F. Z., Bourezgui, M., Charra, B., Otmani, H. E., Benslama, A., Motaouakkil, S., and Slassi, I. ([Clinical and Electrophysiological Aspects of Acute Organophosphate Intoxication]. *Neurophysiol clin.* 2007 jan-mar; 37(1):35-9. [*Neurophysiologie clinique = clinical neurophysiology*]: *Neurophysiol Clin.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH,HUMAN HEALTH.

Raghavendra, K., Vasantha, K., Subbarao, S. K., Pillai, M. Kk, and Sharma, V. P. (1991). Resistance in *Anopheles Culicifacies* Sibling Species B and C to Malathion in Andhra Pradesh and Gujarat States, India. *J am mosq control assoc* 7: 255-259.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Ragusa, S. (1983). Side Effects of Pesticides on Phytoseiid Mites Inhabiting Hazelnut. *Conference: 13. Congresso Nazionale Italiano di Entomologia, Torino (Italy), 27 Jun - 1 Jul 1983.*

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Rahman, M. S., Malek, M. A., and Matin, M. A. (1995). Trend of Pesticide Usage in Bangladesh. *Science of the total environment* 159: 33-39.

Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.

Raina, R. and Sun, L. (1932). Trace Level Determination of Selected Organophosphorus Pesticides and Their Degradation Products in Environmental Air Samples by Liquid Chromatography-Positive Ion Electrospray Tandem Mass Spectrometry. *J Environ Sci Health B.* 2008, May 43: Part. B, Pesticides, food contaminants, and agricultural wastes].

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Rajakovic, Ljubinka, Ghaemmaghami, Vida, and Thompson, Michael (1989). Adsorption on Film-Free and Antibody-Coated Piezoelectric Sensors. *Analytica Chimica Acta* 217: 111-121.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Rajendra, W., Bhargava, D., Indira, K., and Swami, K. S. (1980). Effect of Malathion on Nucleotide Deamination in Sheep Liver. *National Academy of Science Letters [NATL. ACAD. SCI. LETT.]*. Vol. 3, no. 9, pp. 277-278. 1980.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Raju, J. and Gupta, V. K. (1989). A New Extractive Spectrophotometric Method Using Malonyl Dihydrazide for the Determination of Organophosphorus Pesticides in Surface Residues. *Microchem j* 39: 166-171.

Chem Codes : Chemical of Concern: MLN Code: CHEM METHODS.

Rajukkannu, K., Basha, A. A., Habeebullah, B., Duraisamy, P., and Balasubramanian, M. (Degradation and Persistence of Ddt Bhc Carbaryl and Malathion in Soils. *Indian j environ health*; 27 (3). 1985 (recd. 1986). 237-243.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Ramanathan, M. P. and Lalithakumari, D. (1999). Complete Mineralization of Methylparathion by *Pseudomonas* Sp. A3. *Applied biochemistry and biotechnology* 80: 1-12.

Chem Codes: Chemical of Concern: MLN Code : BACTERIA, METABOLISM.

Ramesh, A. and Balasubramanian, M. (1999). Kinetics and Hydrolysis of Fenamiphos, Fipronil, and Trifluralin in Aqueous Buffer Solutions. *Journal of agricultural and food chemistry* 47: 3367-3371.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Rani, V. Js and Janaiah, C. (1989). In-Vitro Effects of Three Organophosphorus Insecticides on Kinetic Constants of Acetylcholinesterase in a Freshwater Teleost Clarias-Batrachus Linn. *Curr sci (bangalore)* 58: 1048-1051.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Rao, B. N., Murthy, K. S Rk, Rao, S. N Km, and Azam, K. N. (Residues of Emulsifiable Concentrate and Dust Formulations of Malathion on Brinjal. *Regupathy, a., K. Rajukkannu and s. Chelliah (ed.). Pesticides and environment; national seminar, aug. 4-5, 1983. Iii+146p. Department of agricultural entomology centre for plant protection studies: coimbatore, india. Illus. Paper.; 0 (0). 1984 (recd. 1985). 58-59.*

Chem Codes: Chemical of Concern: MLN Code : NO SPECIES (DEAD).

Rao, D. E. Gangadhar and Shetty, N. J. (1996). Proteins and Esterase Isozymes During Developmental Stages of Organophosphate Resistant Strains in Anopheles Stephensii Liston. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology and Toxicology* 114: 51-55.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Rao, K. S. P., Basha, S. M., and Rao, K. V. R. (1984). Differential Action of Malathion, Carbaryl and BHC on Acetyl-Cholinesterase Activity of a Teleost, Tilapia Mossambica (Peters). *J. Environ. Biol.* 5: 241-247.

Chem Codes: Chemical of Concern: HCCH,CBL,MLN Code: NO DURATION.

Rao, M. R., Kanji, V. K., and Sekhar, V. (1999). Pesticide Induced Changes of Nitric Oxide Synthase in Rat Brain in Vitro. *Drug and chemical toxicology an international journal for rapid communication* 22: 411-420.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Rao, P. Sc, Hornsby, A. G., and Jessup, R. E. (1985). Indices for Ranking the Potential for Pesticide Contamination of Groundwater. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc* 44: 1-8.

Chem Codes: Chemical of Concern: MLN Code : FATE.

Rao, P. V Vp, Sessaiah, K., and Naidu, P. R. (1987). Determination of Malathion Residues in Eggs by the Modified Colorimetric Method. *Pesticides (bombay)* 21: 37-38.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Rao, T. Vp and Behera, N. (1991). The Effect of Malathion on Soil Nitrification. *Geobios (jodhpur)* 18: 243-245.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Rapiti, E., Fantini, F., Dell'orco, V., Fano, V., Blasetti, F., Bracci, C., Forastiere, F., and Comba, P. (1997). Cancer Mortality Among Chemical Workers in an Italian Plant. *European journal of epidemiology* 13: 281-285.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Rathore, H. S. (1996). Chromatographic and Related Spot Tests for the Detection of Water Pollutants. *Journal of chromatography a* 733: 5-17.

Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES.

Rathore, H. S., Gupta, S., and Khan, H. A. (1986). Pressure Capillary Spot-Test for the Detection of Pollutants in Crops Vegetation and Environment. *Anal lett* 19: 1545-1560.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Ravi, J. (1987). Effect of Pesticides on Fish Fry Reared in Paddy Fields. *J. Agric. Sci.* 21: 59-60 (ABS).

Chem Codes: Chemical of Concern: ES,MLN,DMT,CBF Code: ABSTRACT.

- Readman, J. W., Liong Wee Kwong, L., Mee, L. D., Bartocci, J., Nilve, G., Rodriguez-Solano, J. A., and Gonzalez-Farias, F. (1992). Persistent Organophosphorus Pesticides in Tropical Marine Environments. *Marine Pollution Bulletin* 24: 398-402.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Reardon, K. F. (1994). Challenges for in Situ Bioremediation of Chemical Mixtures. Yang, r. S. H. (Ed.). *Toxicology of chemical mixtures: case studies, mechanisms, and novel approaches*. Xxiv+720p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-768350-x.; 0: 505-538.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Reddy, P. S., Bhagyalakshmi, A., and Ramamurthi, R. (1986). Subacute Physiological Stress Induced by Malathion on Carbohydrate Metabolism in the Crab Oziotelphusa-Senex-Senex. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 63.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Reece, R. L., Scott, P. C., Forsyth, W. M., Gould, J. A., and Barr, D. A. (1985). Toxicity Episodes Involving Agricultural Chemicals and Other Substances in Birds in Victoria, Australia. *Veterinary Record [VET. REC.]*. Vol. 117, no. 20, pp. 525-527. 1985.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Reed, D. V., Lombardo, P., Wessel, J. R., Burke, J. A., and McMahon, B. (1987). The Fda Pesticides Monitoring Program. *J assoc off anal chem* 70: 591-595.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Reeder, A. L., Foley, G. L., Nichols, D. K., Hansen, L. G., Wikoff, B., Faeh, S., Eisold, J., Wheeler, M. B., Warner, R., Murphy, J. E., and Beasley, V. R. (1998). Forms and Prevalence of Intersexuality and Effects of Environmental Contaminants on Sexuality in Cricket Frogs (Acris Crepitans). *Environmental health perspectives* 106: 261-266.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Reiter, P., Rigau-Perez, J. G., Amador, M., Vidal, J., Suarez, M. F., Seda, H., and Clark, G. G. (1992). Did Ulv Prolong an Epidemic of Dengue in Florida Puerto Rico? *58th annual meeting of the american mosquito control association, corpus christi, texas, usa, march 17, 1992. J am mosq control assoc* 8: 315.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rekolainen, S. (1988). Occurrence and Leaching of Pesticides in Waters Draining From Agricultural Land. Angeletti, g. And a. Bjorseth (ed.). *Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 195-197.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Rengasamy, S. and Parmar, B. S. (1988). Investigation of Some Factors Influencing Isomalathion Formation in Malathion Products. *J agric food chem* 36: 1025-1030.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rethwisch, M. D., Mcdaniel, C. W., and Major, G. (1993). Comparison of Aerially Applied Insecticide Treatments for Aphid Control on Seed Broccoli 1991. Burditt, a. K. Jr. (Ed.). *Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 88. Ab - biosis copyright: biol abs. Rrm brassica-oleracea myzus-persicae brevicoryne-brassicae capture thiodan malathion pounce pesticide* 88.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Reutergardh, L. (1996). Analysis of Some Micro Pollutants. *Resources conservation and recycling* 16: 281-288.

- Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rezg, Raja, Mornagui, Bessem, El-Fazaa, Saloua, and Gharbi, Najoua (2008-). Lipid peroxidative damage on hypothalamo-pituitary-adrenal axis following subchronic exposure to malathion in rats. *Toxicology Letters* 180: S173-S174.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ribeiro, B., Guedes, R. N., CorrÊ, A. A. S., and Santos, C. T. (Fluctuating Asymmetry in Insecticide-Resistant and Insecticide-Susceptible Strains of the Maize Weevil, *Sitophilus Zeamais* (Coleoptera: Curculionidae). *Arch environ contam toxicol.* 2007, jul; 53(1):77-83. [*Archives of environmental contamination and toxicology*]: *Arch Environ Contam Toxicol.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rice, R. G. (1988). Ozone Oxidation Products Implications for Drinking Water Treatment. *Larson, r. A. (Ed.). Biohazards of drinking water treatment* 194th national meeting of the environmental chemistry division of the american chemical society, new orleans, louisiana, usa, september 1987. ix+293p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Isbn 0-87371-110-6.; 0: 153-170.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Riddles, P. W. and Nolan, J. (1987). Prospects for the Management of Arthropod Resistance to Pesticides. **Symposium** on parasitology: *quo vadit held at the sixth international congress of parasitology, brisbane, queensland, australia, august 24-29, 1986. Int j parasitol* 17: 679-688.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Riebert, P. W., Ewen, A. B., and Lockwood, J. A. (1997). A History of Chemical Control of Grasshoppers and Locusts 1940-1990. *Gangwere, s. K., M. C. Muralirangan and m. Muralirangan (ed.). The bionomics of grasshoppers, katydids and their kin. Xiii+529p. Cab international: wallingford, england, uk. Isbn 0-85199-141-6. 0: 385-405.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Ristori, C., Del Carlo C, Martini, M., Barbaro, A., and Ancarani, A. (1996). Potentiometric Detection of Pesticides in Water Samples. *Analytica chimica acta* 325: 151-160.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ritter, W. F. (1990). Pesticide Contamination of Ground Water in the Usa a Review. *J environ sci health part b pestic food contam agric wastes* 25: 1-30.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Rivett, K. and Potgieter, P. D. (1987). Diaphragmatic Paralysis After Organophosphate Poisoning a Case Report. *S afr med j* 72: 881-882.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Ro, K. S. and Libra, J. A. (1995). Pesticides and Herbicides. *Water environment research* 67: 548-552.
Chem Codes: Chemical of Concern: MLN Code: FATE, MODELING.
- Roche, P. and Prados, M. (1995). Removal of Pesticides by Use of Ozone or Hydrogen Peroxide-Ozone. *Ozone science & engineering* 17: 657-672.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Rodgers, K. E., Ellefson, D., and Ware, C. F. (1986). Effect of in-Vitro Exposure to O S S Trimethyl Phosphorodithioate on Murine Immune Responses. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 329.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Rodgers, Kathleen E., Grayson, Marcia H., Imamura, Toshiko, and Devens, Bruce H. (1985). In Vitro Effects of

- Malathion and O,O,S-Trimethyl Phosphorothioate on Cytotoxic T-Lymphocyte Responses. *Pesticide Biochemistry and Physiology* 24: 260-266.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Rodrigues, M. A. L. and Chenker, E. (1988). Activity of Enzymes Related to Carbohydrate Metabolism in Cells Exposed to Malathion. *In vitro toxicol* 2: 15-18.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Rodriguez, O. P., Muth, G. W., Berkman, C. E., Kim, K., and Thompson, C. M. (Inhibition of Various Cholinesterases With the Enantiomers of Malaoxon. *Bulletin of environmental contamination and toxicology*, vol. 58, no. 2, pages 171-176, 14 references, 1997.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Rodriguez Rodriguez, J. A., Molina Martin, E., and Martinez Fernandez, A. R. (1981). (Actual Sensitivity of Culicine Larvae. Ii. Organophosphate Insecticides.). *Revista Iberica de Parasitologia [REV. IBER. PARASITOL.]*. Vol. 41, no. 4, pp. 519-526. 1981.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Roe, B. A. and Lemley, A. T. (1997). Treatment of Two Insecticides in an Electrochemical Fenton System. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 32: 261-281.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Roe, B. A. and Lemley, A. T. (1996). Treatment of Two Pesticides in a Photo-Assisted Electrochemical Fenton System. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 195.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Roger, P. A., Simpson, I., Oficial, R., Ardales, S., and Jimenez, R. (1994). Effects of Pesticides on Soil and Water Microflora and Mesofauna in Wetland Ricefields: a Summary of Current Knowledge and Extrapolation to Temperate Environments. *Australian journal of experimental agriculture* 34: 1057-1068.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Rogers, K. R., Cao, C. J., Valdes, J. J., Eldefrawi, A. T., and Eldefrawi, M. E. (1991). Acetylcholinesterase Fiber-Optic Biosensor for Detection of Anticholinesterases. *Fundam appl toxicol* 16: 810-820.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Roinestad, K. S., Louis, J. B., and Rosen, J. D. (1993). Determination of Pesticides in Indoor Air and Dust. *Journal of aoac international* 76: 1121-1126.
Chem Codes: Chemical of Concern: MLN Code: METHODS, FATE.
- Romyen, S., Hawker, D., and Karnchanasest, B. (Distribution of Organophosphate Insecticides in a Thai Biomass-Water System. *J environ sci health b*. 2007, nov; 42(8):869-75. [*Journal of environmental science and health. Part. B, pesticides, food contaminants, and agricultural wastes*]: *J Environ Sci Health B*.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Rosen, J. D. and Gretch, F. M. (Analytical Chemistry of Pesticides Evolution and Impact. Marco, g. J., R. M. Hollingworth and w. Durham (ed.). *Silent spring revisited; symposium, philadelphia, pennsylvania, usa, august 1984*. Xviii+214p. *American chemical society: washington, d.c., Usa. Illus. Paper. Isbn 0-8412-0981-2(paper); isbn 0-8412-0980-4(cloth)*.; 0 (0). 1987. 127-144.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rosenkranz, H. S. and Klopman, G. (Structural Alerts to Genotoxicity: the Interaction of Human and Artificial Intelligence. *Mutagenesis* 5:333-361,1990: *MUTAGENESIS*.
Chem Codes: Chemical of Concern: MLO Code : NO TOX DATA.

- Ross, Thomas E. (1981). Diatomaceous Earth as a Possible Alternative to Chemical Insecticides. *Agriculture and Environment* 6: 43-51.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Rostad, C. E. (1997). Concentration and Transport of Chlordane and Nonachlor Associated With Suspended Sediment in the Mississippi River, May 1988 to June 1990. *Archives of environmental contamination and toxicology* 33: 369-377.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Roth, M., Richards, R. H., and Sommerville, C. (1993). Current Practices in the Chemotherapeutic Control of Sea Lice Infestations in Aquaculture a Review. *J fish dis* 16: 1-26.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Roush, R. T. and Miller, G. L. (1986). Considerations for Design of Insecticide Resistance Monitoring Programs. *J econ entomol* 79: 293-298.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Rowlands, D. G. (1968). The Metabolism of Ddt in Stored Wheat Grains. *J. Stored prod. Res.*; 4(3), 183-96, 1968; (ref:17).
Chem Codes: Chemical of Concern: MLO Code: NO SPECIES.
- Rowlands, D. G. and Clements, June E. (1965). The Degradation of Malathion in Rice Brans. *Journal of Stored Products Research* 1: 101-103.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Roy, K. and Ghosh, G. (2007). QSTR with Extended Topochemical Atom (ETA) Indices. 9. Comparative QSAR for the Toxicity of Diverse Functional Organic Compounds to *Chlorella vulgaris* Using Chemometric Tools. *Chemosphere* 70: 1-12.
Chem Codes: Chemical of Concern: MOL,ETHN,ACD,PL,AN,NBZ,MDT,35DCA,DCB,PSM,MLN,PIP,FNTH,PCP,FNT Code: QSAR.
- Ruiz-Leal, M. and George, S. *. (2004). An in Vitro Procedure for Evaluation of Early Stage Oxidative Stress in an Established Fish Cell Line Applied to Investigation of Phah and Pesticide Toxicity. *Marine environmental research [Mar. Environ. Res.]*. Vol. 58, no. 2-5, pp. 631-635. 2004.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Ruiz, M. J., Lopez-Jaramillo, L., Redondo, M. J. , and Font, G. (1997). Toxicity Assessment of Pesticides Using the Microtox Test Application to Environmental Samples. *Bulletin of environmental contamination and toxicology* 59: 619-625.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Ruiz, M. J., Redondo, M. J., and Font, G. (1997). Solid-Phase Extraction Disks for Determining Pesticides From Soil Leachates. *Journal of chromatography a* 776: 348-354.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Rupa, D. S., Reddy, P. P., and Reddi, O. S. (1989). Frequencies of Chromosomal Aberrations in Smokers Exposed to Pesticides in Cotton Fields. *Mutation Research/Genetic Toxicology* 222: 37-41.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Rupa, D. S., Reddy, P. P., Sreemannarayana, K., and Reddi, O. S. (1991). Frequency of Sister Chromatid Exchange in Peripheral Lymphocytes of Male Pesticide Applicators. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 18, no. 2, pp. 136-138. 1991.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Russom, C. L., Bradbury, S. P., Broderius, S. J. , Hammermeister, D. E., and Drummond, R. A. (1997). Predicting

Modes of Toxic Action From Chemical Structure: Acute Toxicity in the Fathead Minnow (Pimephales Promelas). *Environmental toxicology and chemistry* 16: 948-967.

Chem Codes: Chemical of Concern: MLN Code: QSAR.

Sabdon, A., Kang, S., Hur, H. G., Grossart, H. P., Simon, M., and Radjasa, O. K. (2007). Organophosphate Pesticide Concentrations in Coral Tissues of Indonesian Coastal Waters. *Pakistan Journal of Biological Sciences [Pakistan J. Biol. Sci.]*. Vol. 10, no. 11, pp. 1926-1929. 1 Jun 2007.

Chem Codes: Chemical of Concern: MLN Code: SURVEY,NO SPECIES(DEAD).

Sabik, H., Fouquet, A., and Proulx, S. (1997). Ultratrace Determination of Organophosphorus and Organonitrogen Pesticides in Surface Water. *Analisis* 25: 267-273.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Sabin Lisa D, Schiff Kenneth C, Lim Jeong Hee, and Stolzenbach KeithD. (2005). Atmospheric Concentrations of Pah, Pesticides, and Other Semi-Volatile Organic Compounds in the Los Angeles Coastal Region.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Saccone, S. F., Hinrichs, A. L., Saccone, N. L., Chase, G. A., Konvicka, K., Madden, P. A., Breslau, N., Johnson, E. O., Hatsukami, D., Pomerleau, O., Swan, G. E., Goate, A. M., Rutter, J., Bertelsen, S., Fox, L., Fugman, D., Martin, N. G., Montgomery, G. W., Wang, J. C., Ballinger, D. G., Rice, J. P., and Bierut, L. J. (Cholinergic Nicotinic Receptor Genes Implicated in a Nicotine Dependence Association Study Targeting 348 Candidate Genes With 3713 Snps. *Hum mol genet.* 2007, jan 1; 16(1):36-49. [Human molecular genetics]: *Hum Mol Genet.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Sadler, G., Pierce, D., Lawson, A., Suvannunt, D., and Senthil, V. (1996). Evaluating Organic Compound Migration in Poly(Ethylene Terephthalate): a Simple Test With Implications for Polymer Recycling. *Food additives and contaminants* 13: 979-989.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Saenz Barrio C, Sanz Asensio J, Plaza Medina M, Perez Clavijo M, and Galban Bernal J (1995). Evaluation of the Decay of Malathion, Dichlofluanid and Fenitrothion Pesticides in Apple Samples, Using Gas Chromatography. *Food chemistry* 52: 305-309.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Saito, H., Iwami, S., and Shigeoka, T. (1991). In Vitro Cytotoxicity of 45 Pesticides to Goldfish Gf-Scale (Gfs) Cells. *Chemosphere* 23: 525-538.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Saka, M., Iijima, K., Odanaka, Y., and Kato, Y. (1998). Supercritical Fluid Extraction of Pesticides in Fruits and Vegetables: Application of New Polymer Absorbent. *Journal of pesticide science* 23: 414-418.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Sakata K. and Miyata T. (1994). Biochemical Characterization of Carboxylesterase in the Small Brown Planthopper Laodelphax Striatellus (Fallen). *Pesticide Biochemistry and Physiology* 50: 247-256.

Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Salanki, J. and Van Bay, T. (1975). Sensory Input Characteristics at the Chemical Stimulation of the Lip in the Snail Helix Pomatia L. *Ann.Inst.Biol.(Tihany) Hung.Acad.Sci.* 42: 115-28.

Chem Codes: Chemical of Concern: DZM,MLN Code: IN VITRO.

Saleem, M. A., Shakoory, A. R., Falkous, G., Wilkins, R. M., Mantle, D., Ahmad, M., and Shakoory, A. R. (eds) (1994). In Vitro Effects of Insecticides on Proteolytic Enzyme Activities in Insecticide-Resistant and Susceptible Strains of Musca Domestica.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Saleh, M. A. (1991). Computer-Assisted Molecular Prediction of Metabolism and Environmental Fate of Agrochemicals. *Somasundaram, I. And J. R. Coats (ed.). Acs (american chemical society) symposium series, vol. 459. Pesticide transformation products: fate and significance in the environment* 200th national meeting, washington, d.c., Usa, august 26-31, 1990. Xii+305p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1994-x.; 0: 148-160.
Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.
- Saleh, M. S., Kelada, N. L., and Abdeen, M. I. (1990). Factors Affecting Efficacy of Bacillus Thuringiensis H-14 Against Mosquito Larvae With Special Reference to the Joint Action of the Pathogen With Three Chemical Insecticides. *Anz schaedlingskd pflanzenschutz umweltschutz* 63: 10-13.
Chem Codes: Chemical of Concern: MLN Code : BIOLOGICAL TOXICANT.
- Sales, K. M., Doyle, K. M., Kingston, S. T., Atterwill, C. K., and Purcell, W. M. (1998). The Use of Hen Embryo Brains Spheroids to Investigate the Delayed Toxicity of the Organophosphates. *Proceedings of the british toxicology society annual congress, guilford, england, uk, april 19-22, 1998. Human & experimental toxicology* 17: 515.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Salo, J. E., Harrison, D., and Archibald, E. M. (1986). Removing Contaminants by Groundwater Recharge Basins. *Am water works assoc j* 78: 76-86.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Salvatore, A. L., Bradman, A., Castorina, R., Camacho, J., LÓpez, J., Barr, D. B., Snyder, J., Jewell, N. P., and Eskenazi, B. (Occupational Behaviors and Farmworkers' Pesticide Exposure: Findings From a Study in Monterey County, California. *Am J Ind Med.* 2008, Oct; 51(10):782-94. [*American journal of industrial medicine*].
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Samimi, A. and Last, J. A. (Inhibition of Lysyl Hydroxylase by Malathion and Malaoxon. *Toxicol appl pharmacol.* 2001, may 1; 172(3):203-9. [*Toxicology and applied pharmacology*]: *Toxicol Appl Pharmacol.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Samimi, A. and Last, J. A. (2001). Mechanism of Inhibition of Lysyl Hydroxylase Activity by the Organophosphates Malathion and Malaoxon. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 176, no. 3, pp. 181-186. 1 Nov 2001.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Sample, B. E. and Arenal, C. A. (1999). Allometric Models for Interspecies Extrapolation of Wildlife Toxicity Data. *Bulletin of environmental contamination and toxicology* 62: 653-663 .
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Sams, C. and Mason, H. J. (Detoxification of Organophosphates by a-Esterases in Human Serum. *Hum exp toxicol.* 1999, nov; 18(11):653-8. [*Human & experimental toxicology*]: *Hum Exp Toxicol.*
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Samsonov, Y. N., Makarov, V. N., and Koutsenogii, K. P. (1998). Physicochemical Model and Kinetics of Pesticide Constituent Evaporation Out of Multi-Ingredient Polydisperse Aerosols. *Pesticide science* 52: 292-302.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Samuel, A. (Effect of Malathion on Selected Insect and Mammalian Tissue Cultures. *Diss. Abstr. Int. (Part; 1)* 32(12): 7093; 1972.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Sanchez-Bayo, F. (2006). Comparative Acute Toxicity of Organic Pollutants and Reference Values for Crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environ.Pollut.* 139: 385-420.

- Chem Codes: Chemical of Concern: CBL,MTPN,PSM,PRN,MLN,DZ,BPH,TBF,PPG Code: REVIEW.
- Sanchez, P., Kubitz, J., Dohmen, G. P., and Tarazona, J. V. (2006). Aquatic Risk Assessment of the New Rice Herbicide Profoxydim. *Environ.Pollut.* 142: 181-189.
Chem Codes: Chemical of Concern: PPN,MLN Code: MIXTURE.
- Sanchez, Paloma, Kubitz, Johanna, Peter Dohmen, G., and Tarazona, Jose V. (2006). Aquatic Risk Assessment of the New Rice Herbicide Profoxydim. *Environmental Pollution* 142: 181-189.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Sandbacka, M., Part, P., and Isomaa, B. (1999). Gill Epithelial Cells as Tools for Toxicity Screening Comparison Between Primary Cultures, Cells in Suspension and Epithelia on Filters. *Aquatic toxicology (amsterdam)* 46: 23-32.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sanghi, R., Pillai, M. K. K., Jayalekshmi, T. R. , and Nair, A. (2003). Organochlorine and Organophosphorus Pesticide Residues in Breast Milk From Bhopal, Madhya Pradesh, India. *Human & Experimental Toxicology [Hum. Exp. Toxicol.]*. Vol. 22, no. 2, pp. 73-76. Feb 2003.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sangwan, A. K., Chhabra, M. B., and Samantaray, S. (1988). Comparative Efficacy of Some Pesticides Against Hyalomma-Anatolicum-Anatolicum Ticks in-Vitro. *Indian vet j* 65: 1084-1087.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sankararamkrishnan, Nalini, Kumar Sharma, Ajit, and Sanghi, Rashmi (2005). Organochlorine and Organophosphorous Pesticide Residues in Ground Water and Surface Waters of Kanpur, Uttar Pradesh, India. *Environment International* 31: 113-120.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sannino, A., Mambriani, P., Bandini, M., and Bolzoni, L. (1995). Multiresidue Method for Determination of Organophosphorus Insecticide Residues in Fatty Processed Foods by Gel Permeation Chromatography. *Journal of aoac international* 78: 1502-1515.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Santodonato, J., Bosch, S., Meylan, W., Becker, J., and Neal, M. (Monograph on Human Exposure to Chemicals in the Workplace: Malathion. *Center for chemical hazard assessment, syracuse research corporation, syracuse, new york, report no. Src-tr-84-1049, 35 pages, 59 references, 1985*1985.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Sapozhnikova, Yelena, Bawardi, Ola, and Schlenk, Daniel (2004). Pesticides and Pcb's in Sediments and Fish From the Salton Sea, California, Usa. *Chemosphere* 55: 797-809.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Saqib, T. A., Naqvi, S. N. H., Siddiqui, P. A., and Azmi, M. A. (2005). Detection of Pesticide Residues in Muscles, Liver and Fat of 3 Species of Labeo Found in Kalri and Haleji Lakes. *Journal of Environmental Biology [J. Environ. Biol.]*. Vol. 26, no. 2, suppl., pp. 433-438. Jun 2005.
Chem Codes: Chemical of Concern: MLN Code : SURVEY.
- Sasaki, K., Matsuda, R., and Saito, Y. (1995). Disappearance of Pesticides Applied to Harvested Corn During Storage and Processing to Starch. *Journal of the Food Hygienic Society of Japan [J. FOOD HYG. SOC. JAPAN]*. Vol. 36, no. 1, pp. 89-92. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Sasaki, K., Sekita, H., Takeda, M., and Saitoh, Y. (1985). Studies on the Analysis of Pesticide Residues in Foods (Xliii). Organochlorine and Organophosphorus Pesticide Residues in Unpolished Rice Grain Imported

- From South Korea. *Bulletin of the National Institute of Hygienic Sciences Tok [BULL. NATL. INST. HYG. SCI., TOKYO.]* no. 103, pp. 133-136. 1985.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Sasaki, K., Suzuki, T., and Saito, Y. (1987). Simplified Cleanup and Gas Chromatographic Determination of Organophosphorus Pesticides in Crops. *J assoc off anal chem* 70: 460-464.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sass, B. M., Smith, L. A., Huang, W. Mc, Rosansky, S. H., and Drescher, E. (Volatilization Modeling of Semivolatile Organic Compounds During Solidification Processes. *Gilliam, t. M. And c. C. Wiles (ed.). Astm stp, 1240. Stabilization and solidification of hazardous, radioactive, and mixed wastes; symposium, williamsburg, virginia, usa, november 1-5, 1993. Xii+731p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. Isbn 0-8031-2020-0.; 0 (1240). 1996. 648-664.*
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Satoh, T. (1987). Role of Carboxylesterases in Xenobiotic Metabolism. *Hodgson, e., J. R. Bend and r. M. Philpot (ed.). Reviews in biochemical toxicology, 8. Xvi+296p. Elsevier science publishing co., Inc.: New york, new york, usa Elsevier science publishers b. V.: Amsterdam, netherlands. Illus. Isbn 0-444-01169-2.; 0: 155-182.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Satpathy, G. and Behera, N. (1993). Effect of Malathion on Cellulase, Protease, Urease and Phosphatase Activities From a Tropical Grassland Soil of Orissa, India. *Journal of environmental biology* 14: 301-310.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.
- Sattar, M. A. (1992). Gas Chromatography of Organophosphorus Pesticides in Soils by Internal Standard Method. *Pak j sci ind res* 35: 442-444.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Saul, S., Zomer, E., and Charm, S. E. (1993). Charm Pesticide Test Rapid Screening Method for the Detection of Organophosphate and Carbamate Pesticides for Water Dairy Products Fruits Vegetables and Other Food Products. *80th annual meeting of the iamfes (international association of milk, food, and environmental sanitarians), atlanta, georgia, usa, august 1-4, 1993. Journal of food protection* 56: 898.
Chem Codes: Chemical of Concern: MLN Code: FOOD.
- Saul, S. J., Zomer, E., Puolpolo, D., and Charm, S. E. (1996). Use of a New Rapid Bioluminescence Method for Screening Organophosphate and N-Methylcarbamate Insecticides in Processed Baby Foods. *Journal of food protection* 59: 306-311.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Savage, E. P. Jr, Bagby, J., Mounce, L. Jr, Williams, J., Cholas, P. H. Jr, and Cholas, G. Jr (Pesticide Poisonings in Rural Colorado. *Rocky mt. Med. J.*; 63(4): 29-33 1971; (ref:8) .
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Sawyer, T. W., Weiss, M. T., and Dickinson, T. (1996). Effect of Metabolism on the Anticholinesterase Activity of Carbamate and Organophosphate Insecticides in Neuron Culture. *In vitro toxicology* 9: 343-352.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Saxena, P. K., Singh, V. P., Kondal, J. K., and Soni, G. L. (1988). Effect of Malathion and Carbaryl on in-Vitro Lipid and Protein Synthesis by Liver of the Freshwater Teleost Channa-Punctatus B1. *Indian j exp biol* 26: 700-702.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Saxena, R. C., Srivastava, R. P., Singh, R., and Srivastava, A. K. (1990). Studies on Residues of Insecticides in/on Locally Marketed Fruits and Vegetables. *Indian j entomol* 52: 258-264.

- Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Saxena, S. C. and Shanmugavel, S. (1985). On Persistence of Pesticides on Spinach. *Indian biol* 17: 1-3.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Saxton, W. L. (1987). Emergence Temperature Indices and Relative Retention Times of Pesticides and Industrial Chemicals Determined by Linear Programmed Temperature Gas Chromatography. *J chromatogr* 393: 175-194.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Schaefers, G. A. (1994). The Changing Role of Pesticides in Pest Management. *Insect science and its application* 15: 583-598.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Schaefers, G. A. (1991). Lygus Bugs. Ellis, m. A., Et al. (Ed.). *Disease compendium series: compendium of raspberry and blackberry diseases and insects*. Vi+100p. Aps (american phytological society) press: st. Paul, minnesota, usa. Illus. Paper. Isbn 0-89054-121-3. 0: 66-67.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Schaeffer, A. (1993). Pesticide Effects on Enzyme Activities in the Soil Ecosystem. Bollag, j.-M. And g. Stotzky (ed.). *Soil biochemistry*, vol. 8. Xi+418p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. Isbn 0-8247-9044-8.; 0: 273-340.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Schaffer, A. (1993). Pesticide Effects on Enzyme Activities in the Soil Ecosystem. In: J.M.Bollag and G.Stotzky (Eds.), *Soil Biochemistry*, Marcel Dekker Inc., NY 273-340.
Chem Codes: EcoReference No.: 110308
Chemical of Concern:
OML,NaN3,MZB,MTL,MITC,MCPPI,HCCH,GYP,Folpet,FNT,FNF,FMU,FMP,ETN,DMT,DMB,DLD,DFQ,CZE,CYC,CPY,CPP,CHO,CBL,CBO,Captan,CAP,BTY,BTC,BMY,ATZ,ADC,ACR,MDT,Maneb,LNR,HYX,MLN,NTP,OMT,PRN,PRT,PYZ,SIO,EN,DZ,DD,BS,DU,EP,MB,SZ,OXD,PAQT,PCL,MBZ,PD MN,PIM,PMT,PPN,PPX,TBC,TBO,TCF,TDF,FRN,TFT,THM,TMMC,TOL,CTN,TFN,24D Code: REVIEW.
- Schanker, H. M., Rachelefsky, G., Siegel, S., Katz, R., Spector, S., Rohr, A., Rodriquez, C., Woloshin, K., and Papanek, P. J Jr (1992). Immediate and Delayed Type Hypersensitivity to Malathion. *Ann allergy* 69: 526-528.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schattenberg, H. J Iii, Geno, P. W., Hsu, J. P., Fry, W. G., and Parker, R. P. (1996). Effect of Household Preparation on Levels of Pesticide Residues in Produce. *Journal of aoac international* 79: 1447-1453.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schattenberg, H. J Iii and Hsu, J. P. (1992). Pesticide Residue Survey of Produce From 1989 to 1991. *J aoac (assoc off anal chem) int* 75: 925-933.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Scheifele, D. W., Hunter, M. I., Bortolussi, R. A., Gold, R., Macdonald, N. Ne, Mills, E. L., and Rola-Pleszczynski, M. (1985). Pediculosis Capitis Head Lice. *Can med assoc j* 133: 741-742.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schenck, F. J. and Wagner, R. (1995). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Milk Using Matrix Solid Phase Dispersion (Mspd) Extraction and Gas Chromatographic Determination. *Food additives and contaminants* 12: 535-541 .
Chem Codes: Chemical of Concern: MLN Code: METHODS.

- Schenck, F. J., Wagner, R., Hennessy, M. K., and Okrasinski, J. L Jr (1994). Screening Procedure for Organochlorine and Organophosphorus Pesticide Residues in Eggs Using a Solid-Phase Extraction Cleanup and Gas Chromatographic Detection. *Journal of aoac international* 77: 1036-1040.
Chem Codes: Chemical of Concern: MLN Code: SURVEY, NO SPECIES (DEAD).
- Schilter, B., Renwick, A. G., and Huggett, A. C. (1996). Limits for Pesticide Residues in Infant Foods: a Safety Based Proposal. *Regulatory toxicology and pharmacology* 24: 126-140.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Schleier, I. J., Davis, R. S., Barber, L. M., Macedo, P. A., and Peterson, R. K. (Probabilistic Risk Assessment for Deployed Military Personnel After the Implementation of the Leishmaniasis Control Program at Tallil Air Base, Iraq. *Govt Reports Announcements & Index (GRA&I), Issue 20, 2009.*
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- Schleier, I. J., Davis, R. S., Shama, L. M., Macedo, P. A., and Peterson, R. D. (Equine Risk Assessment for Insecticides Used in Adult Mosquito Management. *Govt Reports Announcements & Index (GRA&I), Issue 15, 2009.*
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Schlenk, D., Sapozhnikova, Y., Baquirian, J. P., and Mason, A. (2002). Predicting Chemical Contaminants in Freshwater Sediments Through the Use of Historical Biochemical Endpoints in Resident Fish Species. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 21, no. 10, pp. 2138-2145. Oct 2002.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Schmid, R. D., Gebbert, A., Kindervater, R., and Kraemer, P. (1991). Biosensors for Analysis of Pesticides in Water. *Dechema congress on biotechnology, frankfurt am main, germany, may 1990. Z wasser- abwasser- forsch* 24: 15-20.
Chem Codes: Chemical of Concern: MLO Code: FATE.
- Schmidt, A. C., Romme, R. C., Brack, V., and Tyrell, K. (1999). Bioaccumulation of Pesticides in Bats Collected From Missouri. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999.yabstracts Of papers american chemical society* 218: Agro 92.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT,SURVEY.
- Schmitt, P., Garrison, A. W., Freitag, D., and Kettrup, A. (1997). Application of Cyclodextrin-Modified Micellar Electrokinetic Chromatography to the Separations of Selected Neutral Pesticides and Their Enantiomers. *Journal of chromatography a* 792: 419-429.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Schomburg, C. J., Glotfelty, D. E., and Seiber, J. N. (1989). Pesticide Concentrations in Coastal Fog Collected Near Monterey California Usa. *198th acs (american chemical society) national meeting, miami beach, florida, usa, september 10-15, 1989. Abstr pap am chem soc* 198: Agro 96.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Scott, D., Galloway, S. M., Marshall, R. R., Ishidate, M. Jr, Brusick, D., Ashby, J., and Myhr, B. C. (1991). Genotoxicity Under Extreme Culture Conditions a Report From Icpemc Task Group 9. *Mutat res* 257: 147-205.
Chem Codes: Chemical of Concern: MLN Code : REVIEW.
- Scott, S. P., Keeling, R. L., James, H., Waggott, A., and Whittle, P. (1988). The Use of Low Cost Mass Spectrometers for the Analysis of Organic Micropollutants in Water. *Angeletti, g. And a. Bjorseth (ed.). Commission of the european communities water pollution research reports, 4. Organic micropollutants in the aquatic environment* Fifth european symposium, rome, italy, october 20-22, 1987. Xiii+452p. Kluwer academic publishers: dordrecht, netherlands; boston, massachusetts, usa; commission of the european

- communities: brussels, belgium. Illus. Maps. Isbn 90-277-2738-4.; 0: 2-13.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Scrimshaw, M. D. and Lester, J. N. (1996). The Occurrence and Effects of Organic Micropollutants in Salt Marsh Sediments With Reference to the Uk Essex Coast: a Review. *Environmental technology* 17: 951-964.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Seawright, J. A., Birky, B. K., and Smittle, B. J. (1986). Use of a Genetic Technique for Separating the Sexes of the Stable Fly *Stomoxys-Calcitrans* Diptera Muscidae. *J econ entomol* 79: 1413-1417.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Foetal Rat Brain. *Toxicology in Vitro* 3: 111-122.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Segal, L. M. and Fedoroff, S. (1989). The Acute and Subchronic Effects of Organophosphorus and Carbamate Pesticides on Cholinesterase Activity in Aggregate Cultures of Neural Cells From the Fetal Rat Brain. *Toxicol in vitro* 3: 111-122.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Segal, L. M. and Fedoroff, S. (1989). Cholinesterase Inhibition by Organophosphorus and Carbamate Pesticides in Aggregate Cultures on Neural Cells From the Foetal Rat Brain: the Effects of Metabolic Activation and Pesticide Mixtures. *Toxicology In Vitro [TOXICOL. IN VITRO.]*. Vol. 3, no. 2, pp. 123-128. 1989.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Segawa, R. T., Sitts, J. A., White, J. H., Marade, S. J., Powell, S. J., and California Dep. of Food and Agriculture, Sacramento CA (USA) (1991). Environmental Monitoring of Malathion Aerial Applications Used to Eradicate Mediterranean Fruit Flies in Southern California, 1990.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Seibel, W. and Ocker, H. D. (1979). Residues and Heavy Metals in German Wheat and Rye Crops for 1974 and 1975 (Gehalt an Pflanzenschutzmittel-Rückstanden und Schwermetallen in den Deutschen Weizen- und Roggenernten 1974 und 1975). *Landwirtsch.Forsch.* 32: 186-196 (GER) (ENG ABS).
Chem Codes: Chemical of Concern: HCCH,DDT,AND,DLD,MLN,PRN,MP Code: NON-ENGLISH.
- Seibert, H., Morchel, S., and Gulden, M. (2002). Factors Influencing Nominal Effective Concentrations of Chemical Compounds in Vitro: Medium Protein Concentration. *Toxicology in Vitro* 16: 289-297.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Senesi, N. and Chen, Y. (1989). Interactions of Toxic Organic Chemicals With Humic Substances. *Gerstl, z., Et al. (Ed.). Ecological studies, vol. 73. Toxic organic chemicals in porous media* Second international workshop on behavior of pollutants in porous media, bet dagan, israel, june 1987. Xiv+343p. Springer-verlag: berlin, west germany; new york, new york, usa. Illus. Isbn 3-540-50799-x; isbn 0-387-50799-x.; 0: 37-90.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Seth, V., Banerjee, B. D. *, Bhattacharya, A., Pasha, S. T., and Chakravorty, A. K. (2001). Pesticide Induced Alterations in Acetylcholine Esterase and Gamma Glutamyl Transpeptidase Activities and Glutathione Level in Lymphocytes of Human Poisoning Cases. *Clinical Biochemistry [Clin. Biochem.]*. Vol. 34, no. 5, pp. 427-429. Jul 2001.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH, SURVEY.
- Shah, A. H. and Guthrie, F. E. (1970). Penetration of Insecticides Through the Isolated Midgut of Insects and Mammals. *Comparative and General Pharmacology* 1: 391-399.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Shah, A. H. and Guthrie, F. E. (Role of Polarity of Insecticides in Penetration Through the Isolated Midgut of Insects and Mammals. *Indian j agric chem*; 18 (1). 1985 (recd. 1986). 153-156.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Shah, A. H. Jr and Guthrie, F. E. Jr (In Vitro Metabolism of Insecticides During Midgut Penetration. *Pestic. Biochem. Physiol.*; 1(1): 1-10 1971; (ref:46).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Shah, P. V. and Guthrie, F. E. (1973). Penetration of Insecticides Through Isolated Sections of the Mouse Digestive System: Effects of Age and Region of Intestine. *Toxicology and Applied Pharmacology* 25: 621-624.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Shankaraiah, K. and Sitamahalakshmi, N. (1986). Dependent Metabolic Responses of Fish, Channa Punctatus During Malathion Toxicity. *Fed.Proc.* 45: 916.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Shankaraiah, K. and Sitamahalakshmi, N. (1986). Size Dependent Metabolic Responses of Fish Channa-Punctatus During Malathion Toxicity. *70th annual meeting of the federation of american societies for experimental biology, st. Louis, mo., Usa, apr. 13-18, 1986. Fed proc* 45: 916.
Chem Codes: Chemical of Concern: MLN Code : ABSTRACT.
- Shanks, C. H Jr, Antonelli, A. L., and Congdon, B. D. (1992). Effect of Pesticides on Twospotted Spider Mite (Acari: Tetranychidae) Populations on Red Raspberries in Western Washington. *Agric ecosyst environ* 38: 159-165.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Shaonan, L., Xianchuan, X., Guonian, Z., and Yajun, T. (2004). Kinetic Characters and Resistance to Inhibition of Crude and Purified Brain Acetylcholinesterase of Three Freshwater Fishes by Organophosphates. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 68, no. 4, pp. 293-299. 14 Jul 2004.
Chem Codes: Chemical of Concern: MLN Code : IN VITRO.
- Sharma, C. B Sr and Panneerselvam, N. (1990). Genetic Toxicology of Pesticides in Higher Plant Systems. *Crit rev plant sci* 9: 409-442.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1983). A New Specific Spot Test for the Detection of Malathion in Water. *Water Research* 17: 471-473.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sharma, S. R., Rathore, H. S., and Ahmed, S. R. (1987). Studies on Removal of Malathion From Water by Means of Activated Charcoal. *Ecotoxicology and Environmental Safety* 14: 22-29.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1985). Effect of Different Saline, Alkaline Salts, Fertilizers, and Surfactants on the Movement of Some Phosphorus-Containing Pesticides in Soils. *Ecotoxicology and Environmental Safety* 10: 339-350.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Sharma, S. R., Singh, R. P., and Ahmed, S. R. (1986). Effect of Different Salt Leachates on the Movement of Some Phosphorus Containing Pesticides in Soils Using Thin-Layer Chromatography. *Ecotoxicol environ saf* 11: 229-240.
Chem Codes: Chemical of Concern: MLN Code: FATE, METHODS.
- Sharma, V. K., Jadhav, R. K., Rao, G. J., Saraf, A. K., and Chandra, H. (1990). High Performance Liquid Chromatographic Method for the Analysis of Organophosphorus and Carbamate Pesticides. *Forensic*

- Science International* 48: 21-25.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sharma, V. K. and Kaur, S. (1990). Contact Sensitization by Pesticides in Farmers. *Contact dermatitis* 23: 77-80.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Shaver, T. N. and Wolfenbarger, D. A. (An Infrared Spectrophotometric Technique for Determining Residues of Several Organo-Phosphorus Insecticides From Cotton Foliage. *J. Econ. Entomol.*; 66(2): 332-336; 1973 ; (ref:11).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Shayeghi, M., Khoobdel, M., and Vatandoost, H. (Determination of Organophosphorus Insecticides (Malathion and Diazinon) Residue in the Drinking Water. *Pak J Biol Sci.* 2007, Sep 1; 10(17):2900-4. [*Pakistan journal of biological sciences: PJBS*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Shen, B. and Shen, Q. (1991). Pesticide Pollution. *J environ sci (china)* 3: 31-48.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Shen, S. K. and Dowd, P. F. (1991). Detoxification Spectrum of the Cigarette Beetle Symbiont Symbiotaphrina Kochii in Culture. *Entomologia Experimentalis et Applicata [ENTOMOL. EXP. APPL.]*. Vol. 60, no. 1, pp. 51-59. 1991.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Shen, S. K. and Dowd, P. F. (1989). Xenobiotic Induction of Esterases in Cultures of the Yeast-Like Symbiont From the Cigarette Beetle. *Entomol exp appl* 52: 179-184.
Chem Codes: Chemical of Concern: MLN Code: YEAST.
- Sherma, J. (1991). Pesticides. *Anal chem* 63: 118r-130r.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sherma, J. (1999). Recent Advances in Thin-Layer Chromatography of Pesticides. *Journal of aoac international* 82: 48-54.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sherma, J. and Bretschneider, W. (1990). Determination of Organophosphorus Insecticides in Water by C-18 Solid Phase Extraction and Quantitative Tlc. *J liq chromatogr* 13: 1983-1990.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sherry, J. P., Carron, J., Leger, D., Kohli, J., and Wilkinson, R. (1993). An Msd-Based Method for the Detection of Chlorinated Dibenzo-P-Dioxins and Chlorinated Dibenzofurans in Fish. *Chemosphere* 27: 651-664.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).
- Sherva, R., Wilhelmsen, K., Pomerleau, C. S., Chasse, S. A., Rice, J. P., Snedecor, S. M., Bierut, L. J., Neuman, R. J., and Pomerleau, O. F. (Association of a Single Nucleotide Polymorphism in Neuronal Acetylcholine Receptor Subunit Alpha 5 (Chrna5) With Smoking Status and With 'pleasurable Buzz' During Early Experimentation With Smoking. *Addiction.* 2008, Sep; 103(9):1544-52. [*Addiction (Abingdon, England)*].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Shiau, S. Y., Huff, R. A., Wells, B. C., and Felkner, I. C. (1980). Mutagenicity and Dna-Damaging Activity for Several Pesticides Tested With Bacillus Subtilis Mutants. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 71: 169-179.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Shibuya, S. (1994). Lowered Susceptibility to Some Carbamates and Malathion in the Green Rice Leafhopper,

- Nephotettix Cincticeps Uhler, Caused by Systemic Insecticides. *Japanese Journal of Applied Entomology and Zoology [JAP. J. APPL. ENTOMOL. ZOOL.]*. Vol. 38, no. 2, pp. 121-124. 1994.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shim Jea-Chul, Hong Han-Kee, Koo Sung-Hoi, and Lee Dong-Kyu (1995). Susceptibilities of Anopheles Sinensis Larvae (Culicidae, Diptera) to Various Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 69-76. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shim Jea-Chul, Hong Han-Kee, and Lee Dong-Kyu (1995). Susceptibilities of Culex Tritaeniorhynchus Larvae (Culicidae, Diptera) to Insecticides. *Korean Journal of Entomology [KOREAN J. ENTOMOL.]*. Vol. 25, no. 1, pp. 13-20. 1995.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shimada, E., Yoshida, M., Yamanaka, S., Aoyama, H., and Yamamura, Y. (1986). Erythrocyte and Plasma Cholinesterase Activities on Poisoning of Disyston, Fenitrothion and Malathion. *Japanese Journal of Industrial Health [JAP. J. IND. HEALTH.]*. Vol. 28, no. 5, pp. 368-369. 1986.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Shirai, T. (1997). A Medium-Term Rat Liver Bioassay as a Rapid in Vitro Test for Carcinogenic Potential: a Historical Review of Model Development and Summary of Results From 291 Tests. *Toxicologic pathology* 25: 453-460.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Showler, A. T. and Potter, C. S. (1991). Synopsis of the 1986-1989 Desert Locust (Orthoptera: Acrididae) Plague and the Concept of Strategic Control. *Am entomol* 37: 106-110.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Sicbaldi, F., Sarra, A., and Copeta, G. L. (1997). Diatomaceous Earth-Assisted Extraction for the Multiresidue Determination of Pesticides. *Journal of chromatography a* 765: 23-30.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Sikkema, J., De Bont J Am, and Poolman, B. (1995). Mechanisms of Membrane Toxicity of Hydrocarbons. *Microbiological reviews* 59: 201-222.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Silva, M. G., Aquino, A., DÓute, Rea, H. S., and Navickiene, S. (Simultaneous Determination of Eight Pesticide Residues in Coconut Using Mspd and Gc/Ms. *Talanta*. 2008, Jul 30; 76(3):680-4. [*Talanta*].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Simic, B., Bogojevic, D., Trikić, S., and Kniewald, J. (1992). Testosterone Metabolism and Formation of Cytosol 5alpha-Dihydrotestosterone-Receptor Complex in the Rat Prostate in Vitro: Effects of Lindane and Malathion. *Toxicol in vitro* 6: 267-271.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Simonian, A. L., Rainina, E. I., and Wild, J. R. (1997). A New Approach for Discriminative Detection of Organophosphate Neurotoxins in the Presence of Other Cholinesterase Inhibitors. *Analytical letters* 30: 2453-2468.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Simonsen, L. and Lund, S. P. (1992). A Strategy for Delineating Risks Due to Exposure to Neurotoxic Chemicals. *Am j ind med* 21: 773-792.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Singh, A. K. and Seth, P. K. (1989). Degradation of Malathion by Microorganisms Isolated From Industrial

- Effluents. *Bull environ contam toxicol* 43: 28-35.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, FATE.
- Singh, A. K., Srikanth, N. S., Malhotra, O. P., and Seth, P. K. *. (1989). Characterization of Carboxylesterase From Malathion Degrading Bacterium: Pseudomonas Sp. M-3. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 42, no. 6, pp. 860-867. 1989.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Singh, S. (Plant Protection in India. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci*; 52 (1). 1986. 1-9. Ab - biosis copyright: biol abs. Rrm insect pests plant diseases pesticides.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Singh, S. N. and Khan, A. A. (1995). Storability of Dolichos Seeds as Influenced by Pesticidal Seed Treatment and Storage Conditions. *Global conference on advances in research on plant diseases and their management, udaipur, india, february 12-17, 1995. Indian journal of mycology and plant pathology* 25: 136-137.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Sinha, N., Lal, B., Singh, T. P., Stegeman, J. J., Moore, M. N., and Hahn, M. E. (eds) (1993). Effect of Pesticides on Extrathyroidal Conversion of T Sub(4) to T Sub(3) in the Freshwater Catfish Clarias Batrachus). *Marine environmental research. Int. Symp. on Responses of Marine Organisms to Pollutants, Woods Hole, MA (USA), 24 Apr 1992; Fish Endocrinol. Lab., Cent. Adv. Stud. Zool., Banaras Hindu Univ., Varanasi--221 005, India; ISSN 0141-1136* 35: 226-227 .
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Sippola, E., David, F., and Sandra, P. (1995). Comparison of Polydimethyl Siloxane Stationary Phases With 5 Percent and 50 Percent Phenyl Substitution for the Separation of Organophosphorus and Organonitrogen Pesticides Under Optimized Gas Chromatographic Conditions. *Hrc journal of high resolution chromatography* 18: 111-116.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Skerritt, J. H. and Lee, N. (1996). Approaches to the Synthesis of Haptens for Immunoassay of Organophosphate and Synthetic Pyrethroid Insecticides. *Beier, r. C. And l. H. Stanker (ed.). Acs symposium series, 621. Immunoassays for residue analysis: food safety Symposium at the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. Xiv+528p. American chemical society: washington, dc, usa. Isbn 0-8412-3379-9.; 621: 124-149.*
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Slobodnik, J., Louter, A. Jh, Vreuls, J. J., Liska, I., and Brinkman, U. At (1997). Monitoring of Organic Micropollutants in Surface Water by Automated on-Line Trace-Enrichment Liquid and Gas Chromatographic Systems With Ultraviolet Diode-Array and Mass Spectrometric Detection. *Journal of chromatography a* 768: 239-258.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Smital, T., Luckenbach, T., Sauerborn, R., Hamdoun, A. M., Vega, R. L., and Epel, D. (2004). Emerging Contaminants - Pesticides, Ppcps, Microbial Degradation Products and Natural Substances as Inhibitors of Multixenobiotic Defense in Aquatic Organisms. *Mutat.Res.* 552: 101-117.
Chem Codes: Chemical of Concern: FXC,24DXY,ES,DZ,DDVP,MLN,MOM Code: REVIEW.
- Smith, Cn, Parrish, R. S., and Carsel, R. F. (1987). Estimating Sample Requirements for Field Evaluations of Pesticide Leaching . *Environ toxicol chem* 6: 343-358.
Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.
- Smith, J. S. (1995). Pesticides -duplicate. *Jeon, i. J. And w. G. Ikins (ed.). Food science and technology (new york), 65. Analyzing food for nutrition labeling and hazardous contaminants. 1x+496p. Marcel dekker, inc.: New*

- york, new york, usa Basel, switzerland. Isbn 0-8247-9349-8.; 65: 333-361.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Snawder, J. E. and Chambers, J. E. (Toxic and Developmental Effects of Organophosphorus Insecticides in Xenopus Embryos. *Abstr pap am chem soc* 1990;199(1-2):agro 160: *Abstr Pap Am Chem Soc*.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Sng, M. T., Lee, F. K., and Lakso, H. A. (1997). Solid-Phase Microextraction of Organophosphorus Pesticides From Water. *Journal of chromatography a* 759: 225-230.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Soderlund, David M., Abdel-Aal, Yehia A. I., and Helmuth, Donald W. (1982). Selective Inhibition of Separate Esterases in Rat and Mouse Liver Microsomes Hydrolyzing Malathion, Trans-Permethrin, and Cis-Permethrin. *Pesticide Biochemistry and Physiology* 17: 162-169.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Sojo, L. E., Brocke, A., Fillion, J., and Price, S. M. (1997). Application of Activated Carbon Membranes for on-Line Cleanup of Vegetable and Fruit Extracts in the Determination of Pesticide Multiresidues by Gas Chromatography With Mass Selective Detection. *Journal of chromatography a* 788: 141-154.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Soler-Niedziela, L. and Porter, J. (1996). Cytogenetic Evaluation of Two Common Household Pesticides in the Mouse Bone Marrow Assay. *27th annual scientific meeting of the environmental mutagen society, victoria, british columbia, canada, march 23-28, 1996. Environmental and molecular mutagenesis* 27: 63.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Somerset, V., Baker, P., and Iwuoha, E. (1978). Mercaptobenzothiazole-on-Gold Organic Phase Biosensor Systems: 1. Enhanced Organophosphate Pesticide Determination. *J Environ Sci Health B. 2009, Feb* 44: Part. B, Pesticides, food contaminants, and agricultural wastes].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- South, D. B. and Zwolinski, J. B. (1996). Chemicals Used in Southern Forest Nurseries. *Southern journal of applied forestry* 20: 127-135.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Souza da Silva, Rosane, Cognato, Giana de Paula, Vuaden, Fernanda Cenci, Rezende, Maria Fernanda S., Thiesen, Flavia Valladao, Fauth, Maria da Graca, Bogó, Mauricio Reis, Bonan, Carla Denise, and Dias, Renato Dutra (2003). Different Sensitivity of Ca²⁺-ATPase and Cholinesterase to Pure and Commercial Pesticides in Nervous Ganglia of *Phyllocaulis soleiformis* (Mollusca). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 135: 215-220.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Spackman, M. E., Oakeshott, J. G., Smyth, K. A., Medveczky, K. M., and Russell, R. J. (1994). A Cluster of Esterase Genes on Chromosome 3r of *Drosophila melanogaster* Includes Homologues of Esterase Genes Conferring Insecticide Resistance in *Lucilia cuprina*. *Biochemical genetics* 32: 39-62.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Specht, W., Pelz, S., and Gilsbach, W. (1995). Gas-Chromatographic Determination of Pesticide Residues After Clean-up by Gel-Permeation Chromatography and Mini-Silica Gel-Column Chromatography 6. Communication Replacement of Dichloromethane by Ethyl Acetate-Cyclohexane in Liquid-Liquid Partition and Simplified Conditions for Extraction and Liquid-Liquid Partition. *Fresenius' journal of analytical chemistry* 353: 183-190.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Spooner, J., Wyatt, L., Brichford, S. L., Lanier, A. L., Coffey, S. W., and Smolen, M. D. (1990). Nonpoint Sources.

- Res j water pollut control fed* 62: 537-546.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Sprague, L. A. and Nowell, L. H. (2008). Comparison of Pesticide Concentrations in Streams at Low Flow in Six Metropolitan Areas of the United States. *Environ.Toxicol.Chem.* 27: 288-298.
Chem Codes: Chemical of Concern: FPN,DLD,TET,TBZ,SZ,ACO,PRO,TFN,CPY,MTL,ATZ,DZ,MLN,CBL Code: SURVEY.
- Sprague, L. A. and Nowell, L. H. (2008). Comparison of Pesticide Concentrations in Streams at Low Flow in Six Metropolitan Areas of the United States. *Environ.Toxicol.Chem.* 27: 288-298.
Chem Codes: Chemical of Concern: FPN,DLD,TET,TBZ,SZ,ACO,PRO,TFN,CPY,MTL,ATZ,DZ,MLN,CBL Code: SURVEY.
- Srikanth, Nadadur S. and Chandrasekharam, V. (1989). Linear Regression Analysis for Enzyme Kinetic Studies in Toxicant Interactions. *Journal of Theoretical Biology* 138: 467-478 .
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Srivastava, A. K., Gupta, B. N., Mathur, A. K., Mathur, N., Mahendra, P. N., and Bharti, R. S. (1991). The Clinical and Biochemical Study of Pesticide Sprayers. *Hum exp toxicol* 10: 279-284 .
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Srivastava, M., Asthana, A., Singh, A., and De, S. K. (1988). Effects of Antibiotics and Pesticides on Carbon-Nitrogen Ratio and Beta Humus and Azotobacter Population of Alluvial Soils. *Indian j agric chem* 21: 131-137.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Srivastava, M. K. and Nath, G. (1990). Removal of Malathion From Treated Cauliflowers (Brassica Oleracea Var. Botrytis) by Home Processings. *Indian j entomol* 52: 290-299.
Chem Codes: Chemical of Concern: MLN Code: METHODS, NO SPECIES (DEAD).
- Stamer, J. K. and Wieczorek, M. E. (1996). Pesticide Distribution in Surface Water. *American water works association journal* 88: 79-87.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Stan, H. J. and Heil, S. (1991). Two-Dimensional Capillary Gas Chromatography With Three Selective Detectors as a Valuable Tool in Residue Analysis: State-of-the-Art. *Fresenius' j anal chem* 339: 34-39.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Stan, H. J. and Kellner, G. (1989). Confirmation of Organophosphorus Pesticide Residues in Food Applying Gas Chromatography-Mass Spectrometry With Chemical Ionization and Pulsed Positive Negative Detection. *Biomed environ mass spectrom* 18: 645-651.
Chem Codes: Chemical of Concern: MLO Code: HUMAN HEALTH.
- Stan, H. J. and Mueller, H. M. (1988). Evaluation of Automated and Manual Hot-Splitless Cold-Splitless Ptv and on-Column Injection Technique Using Capillary Gas Chromatography for the Analysis of Organophosphorus Pesticides. *8th international symposium on capillary chromatography, riva del garda, italy, may 19-21, 1987. J high resolut chromatogr chromatogr commun* 11: 140-143.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Stark, J. D. and Sherman, M. (1986). Toxicity and Metabolism of Acephate in Hawaiian Fruit Fly Species. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Stein, W. and Gorham, J. R. (1997). New Results About Stored-Product Protection (Animal Pests): Viii. *Zeitschrift*

- fuer pflanzenkrankheiten und pflanzenschutz* 104: 296-313.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Steinwandter, H. (1988). Contributions to the Application of Gel Chromatography in Residue Analysis II. A New Gel Chromatographic System Using Acetone for the Separation of Pesticide Residues and Industrial Chemicals. *Fresenius z anal chem* 331: 499-502.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Stevens, J. T., Greene, F. E., Stitzel, R. E., and McPhillips, J. J. (Effects of Anticholinesterase Insecticides on Mouse and Rat Liver Microsomal Mixed Function Oxidases. *Pesticides and the environment: a continuing controversy, vol. 2, pages 489-501, 23 references, 1973*1973.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Stevens, J. T., Zemaitis, M. A., and Greene, F. E. (1974). Alteration of the Binding Constants of Malathion and Carbaryl to Cytochrome P-450 Due to Hydrolysis by Rat Hepatic Microsomal Esterases. *Chemico-Biological Interactions* 8: 415-420.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Stevens, James Thomas (1974). The Role of Binding in Inhibition of Hepatic Microsomal Metabolism by Parathion and Malathion. *Life Sciences* 14: 2215-2229.
Chem Codes : Chemical of Concern: MLN Code: IN VITRO.
- Stijve, T. Jr and Cardinale, E. Jr (Esterase Inhibition Technique for the Detection of Organophosphorus Pesticides on Thin-Layer Chromatograms. *Mitt. Geb. Lebensmittelunters. Hyg.*; 62(1): 25-31 1971; (ref:11).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Stimmann, M. W. and Ferguson, M. P. (1990). Progress Report Vice President's Task Force on Pest Control Alternatives Potential Pesticide Use Cancellations in California Usa. *Calif agric* 44: 12-16.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Stoll, Ch, Gehring, C., Schubert, K., Zanella, M., Parak, W. J., and Lisdat, F. (2008-). Photoelectrochemical signal chain based on quantum dots on gold--Sensitive to superoxide radicals in solution. *Biosensors and Bioelectronics* 24: 260-265.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Storey, C. L., Sauer, D. B., Quinlan, J. K., and Ecker, O. (1982). Incidence, Concentration and Effectiveness of Malathion Residues in Wheat and Maize (Corn) Exported From the United States. *Journal of Stored Products Research* 18: 147-151.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Story, W. C., Olson, L. K., Shen, W. L., Creed, J. T., and Caruso, J. A. (1990). Reduced-Pressure Microwave-Induced Plasma Mass Spectrometric Detection of Phosphorus and Sulfur in Gas Chromatographic Eluates. *1990 winter conference on plasma spectrochemistry, st. Petersburg, florida, usa, january 8-13, 1990. J anal at spectrom* 5: 467-470.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Stratton, G. W. (1987). The Effects of Pesticides and Heavy Metals Towards Phototrophic Microorganisms. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. Isbn 0-444-80902-3. 0: 71-148.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Strong, M. and Johnstone, P. W. (Interventions for Treating Scabies. *Cochrane database syst rev. 2007(3):cd000320. [Cochrane database of systematic reviews (online)]: Cochrane Database Syst Rev.*
Chem Codes : Chemical of Concern: MLN Code: HUMAN HEALTH.

- Struger, J., Bishop, C. A., Pettit, K. E., Tse, H., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1993). Environmental Fate and Effects of Organophosphorus Insecticides on Amphibians in a Muck Crop Growing Area of Ontario, Canada. *14th Annual Meeting (SETAC) - Ecological Risk Assessment: Lessons Learned? -- Abstract Book*. vp. 1993.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Studdert, V. P. (1985). Incidence of Poisoning in Dogs and Cats in Melbourne Australia. *Aust vet j* 62: 133-135.
Chem Codes: Chemical of Concern: MLN Code: INCIDENT.
- Sudakin, D. L., Mullins, M. E., Horowitz, B. Z., Abshier, V., and Letzig, L. (2000). Intermediate Syndrome After Malathion Ingestion Despite Continuous Infusion of Pralidoxime. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 38, no. 1, pp. 47-50. 2000.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Sudhish, C. (2008). Toxic Effect of Malathion on Acetylcholinesterase Activity of Liver, Brain and Gills of Freshwater Catfish *Heteropneustes fossilis*. *Environ.Conserv.J.* 9: 47-52.
Chem Codes: Chemical of Concern: MLN Code: ARCHIVE.
- Sudomo, M., Baroji, and Sustriayu, N. (1985). Chemical Control on Malaria Vector *Anopheles-Aconitus* in Central Java Indonesia. *Symposium on research on the mosquito vectors of malaria in southeast asia held at the tropical medicine and public health project technical meeting, kuala lumpur, malaysia, apr. 19-21, 1984. Southeast asian j trop med public health* 16: 153-162.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Sujatha, C. H. and Chacko, J. (1991). Malathion Sorption by Sediments From a Tropical Estuary. *Chemosphere* 23: 167-180.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sujatha, C. H. and Chacko, J. *. (1992). Organophosphorus Pesticide Adsorption Variability in Diverse Estuarine Sediments. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 36, no. 1-2, pp. 65-73. 1992.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sujatha, C. H., Nair, S. M., and Chacko, J. (1999). Determination and Distribution of Endosulfan and Malathion in an Indian Estuary. *Water Research* 33: 109-114.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sujatha, C. H., Nair, S. M., and Chacko, J. *. (1994). Sorption of Malathion and Methyl Parathion by Tropical Aquatic Sediments: Influence of Salinity. *Toxicological and Environmental Chemistry [TOXICOL. ENVIRON. CHEM.]*. Vol. 43, no. 3-4, pp. 175-181. 1994.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Sullivan, K. A. and Salvaggio, J. E. (1995). Immunotoxicology of Chemical Carcinogens. In: *J.C.Arcos, Chemical Induction of Cancer: Modulation and Combination Effects: An Inventory of the Many Factors Which Influence Carcinogenesis, Birkhaeuser Boston Inc., NY* 237-272.
Chem Codes: Chemical of Concern: MLN,ADC,CBF Code: REVIEW.
- Sundaram, A. (1985). A Gravimetric Method for Determining the Relative Volatilities of Non-Aqueous Pesticide Formulations and Spray Diluents. *Pestic sci* 16: 397-403.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Sundaram, A. (1987). Optimizing Physical Properties of Diluent Oils for Maximum Target Deposition of Ultralow-Volume Spray Droplets Under Laboratory Conditions. *Vander hooven, d. I. B. And l. D. Spicer (ed.). Astm (american society for testing and materials) special technical publication, 943. Pesticide formulations and application systems* Sixth symposium, bal harbour, florida, usa, november 6-7, 1985. Viii+193p. Astm:

philadelphia, pennsylvania, usa. Illus. Paper. Isbn 0-8031-0943-1.; 0: 101-122.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Sundseth, S. S., Kennel, S. J., and Waters, L. C. (1988). Correlation of Cytochrome P-450 Expression and Insecticide Resistance in *Drosophila*. *72nd annual meeting of the federation of american societies for experimental biology, las vegas, nevada, usa, may 1-5, 1988. Faseb (fed am soc exp biol) j 2*: Abstract 4161.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Sundseth, Scott S., Kennel, Stephen J., and Waters, Larry C. (1989). Monoclonal Antibodies to Resistance-Related Forms of Cytochrome P450 in *Drosophila Melanogaster*. *Pesticide Biochemistry and Physiology* 33: 176-188.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Surendran, S. N., Karunaratne SHPP, Adams, Z., Hemingway, J., and Hawkes, N. J. (2005). Molecular and Biochemical Characterization of a Sand Fly Population From Sri Lanka: Evidence for Insecticide Resistance Due to Altered Esterases and Insensitive Acetylcholinesterase. *Bulletin of Entomological Research [Bull. Entomol. Res.]*. Vol. 95, no. 4, pp. 371-380. Aug 2005.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Svanberg, O. (1996). Monitoring of Biological Effects. *Resources conservation and recycling* 16: 351-360.

Chem Codes: Chemical of Concern: MLN Code: EFFLUENT.

Svanberg, O. (Toxic Effects Monitoring in Baltic Sea Coastal Areas. *Mckenzie, d. H., D. E. Hyatt and v. J. Mcdonald (ed.). Ecological indicators, vols. 1 and 2; international symposium, fort lauderdale, florida, usa, october 16-19, 1990. Xxv+810p.(Vol. 1); xv+756p.(Vol. 2) elsevier science publishers ltd.: London, england, uk; new york, new york, usa. Isbn 1-85166-722-9(set); isbn 1-85166-711-3(vol. 1); isbn 1-85166-721-0(vol. 2).; 0 (0). 1992. 413-423.*

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Swain, V., Seth, R. K., Mohanty, S. S., and Raghavendra, K. (2008). Effect of Temperature on Development, Eclosion, Longevity and Survivorship of Malathion-Resistant and Malathion-Susceptible Strain of *Culex quinquefasciatus*. *Parasitol.Res.* 103: 299-303.

Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.

Swan, S. H., Kruse, R. L., Liu, F., Barr, D. B., Drobnis, E. Z., Redmon, J. B., Wang, C., Brazil, C., and Overstreet, J. W. (2003). Semen Quality in Relation to Biomarkers of Pesticide Exposure. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 111, no. 12, pp. 1478-1484. Sep 2003.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Swann, J. M., Kennedy, J. R., and Schultz, T. W. (1999). Evaluation of Two **in Vitro** Ciliated Epithelial Systems, Dog Trachea and Frog Palate, for Potential as Screens for Sensory Irritation. *In vitro & molecular toxicology* 12: 17-32.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Swanson, S. M., Pickard, C. R., Freemark, K. E., and MacQuarrie, P. (1991). Testing for Pesticide Toxicity to Aquatic Plants: Recommendations for Test Species. In: *J.W.Gorsuch, W.R.Lower, W.Wang, and M.A.Lewis (Eds.), Plants for Toxicity Assessment, 2nd Volume, ASTM STP 1115, Philadelphia, PA 77-97.*

Chem Codes: EcoReference No.: 54650

Chemical of Concern: DDT,ATZ,CBL,24D,MLN,CPY Code: METHODS.

Syrowatka, T. (The Effect of Some Organophosphorus Insecticides of Rat Liver Mitochondria. *Roczniki panstwowego zaklada hig.; 20(5): 557-62, 1969; (ref:15).*

Chem Codes: Chemical of Concern: MLO Code: IN VITRO.

- Szekacs, A., Halarnkar, P. P., Olmstead, M. M., Prag, K. A., and Hammock, B. D. (1990). Heterocyclic Derivatives of 3-Substituted 1,1,1-Trifluoro-2-Propanones as Inhibitors of Esterolytic Enzymes. *Chem res toxicol* 3: 325-332.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Szente, L., Magisztrak, H., and Szejtli, J. (1990). Formulation of Insect Controlling Agents With Beta-Cyclodextrin. *Pestic sci* 28: 7-16.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Tabashnik, B. E. (1990). Modeling and Evaluation of Resistance Management Tactics. Roush, r. T. And b. E. Tabashnik (ed.). *Pesticide resistance in arthropods. Ix+303p. Routledge, chapman and hall: new york, new york, usa* London, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0: 153-182.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Tadesse, A. and Basedow, T. (2004). A Survey of Insect Pest Problems and Stored Product Protection in Stored Maize in Ethiopia in the Year 2000. *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz*, 111 (3) pp. 257-265, 2004.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Takagi, K. and Ueji, M. (1997). Use, Research and Development of Pesticides in Relation to Sustainable Agriculture in Japan. *Jarq* 31: 13-20.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Takamura, K., Nohara, S., Kariya, T., Okazaki, M., and Ito, K. (1991). Effects of Pesticide Contamination From Rice Fields on Stream Benthic Arthropods. *Japanese journal of limnology [JAP. J. LIMNOL./RIKUSUIZATSU.]*. Vol. 52, no. 2, pp. 95-103. 1991.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Talcott, Ronald E. (1979). Hepatic and Extrahepatic Malathion Carboxylesterases. Assay and Localization in the Rat. *Toxicology and Applied Pharmacology* 47: 145-150.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Talebi, K. and Shibamoto, T. (2007). Degradation of Malathion in Aqueous Extracts Obtained From Different Developmental Stages of Asparagus (*Asparagus Officinalis*). *Journal of the Science of Food and Agriculture*, 87 (2) pp. 320-325, 2007.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Tanaka, T., Hori, T., Asada, T., Oikawa, K., and Kawata, K. (Simple One-Step Extraction and Cleanup by Pressurized Liquid Extraction for Gas Chromatographic-Mass Spectrometric Determination of Pesticides in Green Leafy Vegetables. *J chromatogr a*. 2007, dec 21; 1175(2):181-6. [*Journal of chromatography. A*]: *J Chromatogr A*.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Tang, B., Zhang, J. E., Zang, L. G., Zhang, Y. Z., Li, X. Y., and Zhou, L. (2005-). Determination of Nine Organophosphorus Pesticides in Cereals and Kidney Beans by Capillary Gas Chromatography With Flame Photometric Detection. *J.Chromatogr.Sci.* 43: 337-341.
Chem Codes: Chemical of Concern: MLN,PRN,MP,EP,PRT,DZ,CPY Code: METHODS.
- Taningher, M., Malacarne, D., Perrotta, A., and Parodi, S. (1999). Computer-Aided Analysis of Mutagenicity and Cell Transformation Data for Assessing Their Relationship With Carcinogenicity. *Environmental and molecular mutagenesis* 33: 226-239.
Chem Codes: Chemical of Concern: MLO Code: MODELING.
- Tarone, R. E., Casey, H. W., and Huxsoll, D. L. (1990). Excess of Seminomas Observed in Vietnam Service Usa Military Working Dogs. Au - Hayes Hm. *J natl cancer inst (bethesda)* 82: 1042-1046.

- Chem Codes: Chemical of Concern: MLN Code: NO TOXICANT.
- Tauler, R., De Almeida Azevedo, D., Lacorte, S., Cespedes, R., Viana, P., and Barcelo, D. (2001). Organic Pollutants in Surface Waters From Portugal Using Chemometric Interpretation. *Environmental Technology [Environ. Technol.]*. Vol. 22, no. 9, pp. 1043-1054. Sep 2001.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Taylor, A. W. and Spencer, W. F. (1990). Volatilization and Vapor Transport Processes. Cheng, h. H. (Ed.). *Sssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling*. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. Isbn 0-89118-791-x. 0: 213-270.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Taylor, M. J., Keenan, G. A., Reid, K. B., FernÁ, and Ndez, D. U. (The Utility of Ultra-Performance Liquid Chromatography/Electrospray Ionisation Time-of-Flight Mass Spectrometry for Multi-Residue Determination of Pesticides in Strawberry. *Rapid Commun Mass Spectrom*. 2008, Sep; 22(17):2731-46. [Rapid communications in mass spectrometry : RCM].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- TBuratti Franca M, D'aniello Alessandra, Volpe Maria Teresa, Meneguz Annarita, and Testai Emanuela (2005). Malathion Bioactivation in the Human Liver: the Contribution of Different Cytochrome P450 Isoforms. *Drug Metabolism and Disposition [Drug Metab. Disposition]*. Vol. 33, no. 3, pp. 295-302. Mar 2005.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tennant, R. W., Margolin, B. H., Shelby, M. D., Zeiger, E., Haseman, J. K., Spalding, J., Caspary, W., Resnick, M., Stasiewicz, S. and others (1987). Prediction of Chemical Carcinogenicity in Rodents From in-Vitro Genetic Toxicity Assays. *Science (wash d c)* 236: 933-941.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tepper, J. S., Moser, V. C., Costa, D. L., Mason, M. A., Roache, N., Guo, Z., and Dyer, R. S. (1995). Toxicological and Chemical Evaluation of Emissions From Carpet Samples. *American industrial hygiene association journal* 56: 158-170.
Chem Codes: Chemical of Concern: MLN Code: INHALE.
- Terekhina, N. A., Zorin, M. G., and Terekhin, G. A. ([Effect of Sapropel Mud on the Parameters of Oxidative Stress and Antioxidative Defense in Acute Carbofos Poisoning]. *Patol fiziol eksp ter*. 2007 jan-mar(1):6-8. [Patologicheskaiia fiziologiia i eksperimental'naia terapiia]: Patol Fiziol Eksp Ter.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Terenius, O. and Akerblom, M. (1997). Evaporated Extracts of Samples for Pesticide Residue Analysis Simplifies Transport From Remote Places. *Bulletin of environmental contamination and toxicology* 58: 341-347.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS`.
- Termonia, A. and Termonia, M. (1997). Full Scan Gc-Ms Quantitation of Pesticides in Spring Water at the 10 Ppt Level Using Large Volume on-Column Injection. *Hrc journal of high resolution chromatography* 20: 447-450.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Thakur, R. K. (1996). Termite Problems in Arid Zones and Their Management. *Indian forester* 122: 161-169.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Tham, L. G., Perumal, N., Syed, M. A., Shamaan, N. A., and Shukor, M. Y. (2009). Assessment of Clarias batrachus as a Source of Acetylcholinesterase (AChE) for the Detection of Insecticides. *J.Environ.Biol*. 30: 135-138.
Chem Codes: Chemical of Concern:
Zn,Pb,Ni,Mn,Mg,Hg,Fe,Cu,Cr,Cd,As,Al,Ag,PRN,BDC,DZ,ACP,MLN,DMT,DZ,CPY,MOM,CBF,CBL

Code: IN VITRO.

Tham, L. G., Perumal, N., Syed, M. A., Shamaan, N. A., and Shukor, M. Y. (2009). Assessment of Clarias Batrachus as a Source of Acetylcholinesterase (Ache) for the Detection of Insecticides. *J.Environ.Biol.* 30: 135-138.

Chem Codes: Chemical of Concern:

Zn,Pb,Ni,Mn,Mg,Hg,Fe,Cu,Cr,Cd,As,Al,Ag,PRN,BDC,DZ,ACP,MLN,DMT,DZ,CPY,MOM,CBF,CBL

Code: IN VITRO.

Thangam, T. S. and Kathiresan, K. (1991). Mosquito Larvicidal Activity of Marine Plant Extracts With Synthetic Insecticides. *Bot mar* 34: 537-539.

Chem Codes: Chemical of Concern: MLN Code: MIXTURE.

Thapar, S., Bhushan, R., and Mathur, R. P. (1995). Degradation of Organophosphorus and Carbamate Pesticides in Soils-Hplc Determination. *Biomedical chromatography* 9: 18-22.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Thapar, S., Bhushan, R., and Mathur, R. P. (1994). Simultaneous Determination of a Mixture of Organophosphorus and Carbamate Pesticides by High Performance Liquid Chromatography. *Biomedical chromatography* 8: 153-157.

Chem Codes: Chemical of Concern: MLN Code: SURVEY.

Theiling, K. M. and Croft, B. A. (1988). Pesticide Side Effects on Arthropod Natural Enemies a **Database**

Summary. *Agric ecosyst environ* 21: 191-218.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Thiel, J. A. and Wenger, B. S. (1985). Differing Biochemical Patterns in Pyridine Nucleotide-Related Teratogenesis. *American association of anatomists 98th annual meeting and the association canadienne des anatomistes (canadian association of anatomists) 29th annual meeting, toronto, ont., Canada, may 5-9, 1985. Anat rec* 211: 194a-195a.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Thier, H. P. and Zeumer, H. (1987). Manual of Pesticide Residue Analysis Vol. 1. *Thier, h.-P. And h. Zeumer (ed.). Manual of pesticide residue analysis, vol. 1. Xvi+432p. Vch publishers, inc.: New york, new york, usa* Weinheim, west germany. Illus. Isbn 0-89573-592-x; isbn 3-527-27010-8.; 0: Xvi+432p.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Thiere, G. and Schulz, R. (2004). Runoff-Related Agricultural Impact in Relation to Macroinvertebrate Communities of the Lourens River, South Africa. *Water Res.* 38: 3092-3102.

Chem Codes: Chemical of Concern: ES,MLN,CPY,AZ Code: SURVEY.

Thomas, D. C., Petitti, D. B., Goldhaber, M., Swan, S. H., Rappaport, E. B., and Hertz-Picciotto, I. (1992). Reproductive Outcomes in Relation to Malathion Spraying in the San Francisco Bay Area, 1981-1982. *Epidemiology. Vol. 3, no. 1, pp. 32-39. 1992.*

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Thomas, I. K. and Imamura, T. (1986). Immunosuppressive Effect of an Impurity of Malathion: Inhibition of Murine T- and B-Lymphocyte Responses by O,O,S-Trimethyl Phosphorothioate. *Toxicology and Applied Pharmacology* 83: 456-464.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Thomas, Imad K. and Imamura, Toshiko (1986). Modulation of Cellular and Humoral Immune Responses by O,S,S-Trimethyl Phosphorodithioate, an Impurity of Commercial Malathion. *Toxicology* 39: 1-12.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Thomas, K. P. (1987). The Fate of the Sulphur Content of Malathion When Applied to Barley Used to Produce Malt Whisky. *J. INST. BREW.* Vol. 93, no. 1, pp. 18-22. 1987.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Thomas, M., Korth, W., Foster, S. *, and McCorkelle, G. (1998). Dissipation of Pesticides in Irrigation Drainage From Mixed Rice and Maize Crops in the Willbriggie Catchment, Nsw Australia. *Australasian Journal of Ecotoxicology [Australas. J. Ecotoxicol.]*. Vol. 4, no. 2, pp. 75-84. Jul 1998.
Chem Codes: Chemical of Concern: MLN Code: NO EFFECT, FATE.
- Thompson, C. M. (1994). Enantioenriched Phosphorothiolates Synthesis Analysis and Interaction With Acetylcholinesterase. *207th national meeting of the american chemical society, san diego, california, usa, march 13-17, 1994. Abstracts of papers american chemical society* 207: Agro 25.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Thompson, C. M., Frick, J. A., Natke, B. C., and Hansen, L. K. (1989). Preparation, Analysis, and Anticholinesterase Properties of O,O-Dimethylphosphorothioate Isomerides. *Chem res toxicol* 2: 386-391.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Thompson, C. M., Suarez, A. I., and Rodriguez, O. P. (1996). Synthesis and ³¹P Chemical Shift Identification of Tripeptide Active Site Models That Represent Human Serum Acetylcholinesterase Covalently Modified at Serine by Certain Organophosphates. *Chemical research in toxicology* 9: 1325-1332.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Thompson, H. M. (1996). Interactions Between Pesticides: a Review of Reported Effects and Their Implications for Wildlife Risk Assessment. *Ecotoxicology* 5: 59-81.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Thompson, H. M., Langton, S. D., and Hart, A. (1995). Prediction of Inter-Species Differences in the Toxicity of Organophosphorus Pesticides to Wildlife: a Biochemical Approach. *Comp.Biochem.Physiol.C* 111: 1-12.
Chem Codes: Chemical of Concern: DMT,CMPI,PRT,SFT,FNTH,FNT,MLN,AZ,PRN,MP Code: IN VITRO.
- Thompson, T. S., Treble, R. G., Magliocco, A., Roettger, J. R., and Eichhorst, J. C. (1998). Case Study: Fatal Poisoning by Malathion. *Forensic science international* 95: 89-98.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Thorpe, G. R. and Elder, W. B. (1980). The Use of Mechanical Refrigeration to Improve the Storage of Pesticide Treated Grain. *International Journal of Refrigeration* 3: 99-106.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Tiebout, H. M. III and Brugger, K. E. (1995). Ecological Risk Assessment of Pesticides for Terrestrial Vertebrates: Evaluation and Application of the U.s. Environmental Protection Agency's Quotient Model. *Conservation Biology*. Vol. 9, no. 6, pp. 1605-1618. 1995.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Tierney, K. B. (2007). Neurotoxicity of Pesticides to Salmon: Physiology to Ethology. *Ph.D.Thesis, Simon Fraser Univ., Canada* 367 p. (Publ As 89637,90046,89625,89700,101435).
Chem Codes: Chemical of Concern: ATZ,DMT,LNR,GYPI,PRN,DZ,ES,MLN,MTM,SZ,CPY,IPB,24D Code: PUBL AS.
- Tierney, K. B., Sampson, J. L., Ross, P. S., Sekela, M. A., and Kennedy, C. J. (2008). Salmon Olfaction is Impaired by an Environmentally Realistic Pesticide Mixture. *Environ.Sci.Technol.* 42: 4996-5001.
Chem Codes: Chemical of Concern: SZ,MTM,MLN,LNR,ES,DMT,DZ,CPY,ATZ,PRN Code: MIXTURE.

- Tietze, N. S., Ruff, J. P., Hallmon, C. F., Hester, P. G., and Shaffer, K. R. (1992). Effect of Ulv Malathion on Automotive Paint Finishes. *J am mosq control assoc* 8: 241-246.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Ting, K. C. and Kho, P. (1991). Gc/Aed Method for Pesticide Residue Determination in Fruits and Vegetables. *J assoc off anal chem* 74: 991-998.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Tiryaki, O., Baysoyu, D., Sec(cedilla)er, E., and Aydin, G. (2008). Testing the Stability of Pesticides During Sample Processing for the Chlorpyrifos and Malathion Residue Analysis in Cucumber, Including Matrix Effects. *Bulletin of Environmental Contamination and Toxicology*, 80 (1) pp. 38-43, 2008.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Tisch, M., Faulde, M., and Maier, H. ([Genotoxic Effects of Insecticides in Current Use on Mucosal Epithelial Cells From Human Tonsil Tissue]. *Hno*. 2007, may; 55 suppl 1:e15-22. [Hno]: HNO.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH, HUMAN HEALTH, IN VITRO.
- Toda, M., Sugita, T., Tanaka, K., Sasaki, S., Uneyama, C., Yamamoto, M., and Morikawa, K. ([Study on Pesticides Residue Monitoring Data in Some Countries of the World]. *Kokuritsu Iyakuhiin Shokuhin Eisei Kenkyusho Hokoku*. 2007(125):51-60. [Kokuritsu Iyakuhiin Shokuhin Eisei Kenkyujo hokoku = Bulletin of National Institute of Health Sciences].
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Tolosa, I., Readman, J. W., and Mee, L. D. (1996). Comparison of the Performance of Solid-Phase Extraction Techniques in Recovering Organophosphorus and Organochlorine Compounds From Water. *Journal of chromatography a* 725: 93-106.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Torres, C. M., Pico, Y., Marin, R., and Manes, J. (1997). Evaluation of Organophosphorus Pesticide Residues in Citrus Fruits From the Valencian Community (Spain). *Journal of aoac international* 80: 1122-1128.
Chem Codes : Chemical of Concern: MLN Code: SURVEY.
- Torres, C. M., Pico, Y., Redondo, M. J., and Manes, J. (1996). Matrix Solid-Phase Dispersion Extraction Procedure for Multiresidue Pesticide Analysis in Oranges. *Journal of chromatography a* 719: 95-103.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Toussaint, M. W., Shedd, T. R., van der Schalie, W. H., Leather, G. R., Felkner, D., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). A Comparison of the Sensitivity of Rapid Toxicity Screening Tests. *13th Annual Meeting Society of Environmental Toxicology and Chemistry - Abstracts*. vp. 1992.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Townsend, B. A. and Carlson, G. P. (1980). Effect of Halogenated Benzenes on Malathion and Malaoxon Toxicity and Metabolism in Mice. *Meeting of the american society for pharmacology and experimental therapeutics, rochester, minn., Usa, aug. 17-21, 1980. Pharmacologist* 22: 174.
Chem Codes: Chemical of Concern: MLO Code : ABSTRACT.
- Tran-Minh, C. (1993). Biosensors for the Analysis of Pesticide Residues. *Anal proc* 30: 73-74.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Travis, C. C. and Arms, A. D. (1988). Bioconcentration of Organics in Beef Milk and Vegetation. *Environ sci technol* 22: 271-274.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Trim, A. H. and Marcus, J. M. (1990). Integration of Long-Term Fish Kill Data With Ambient Water Quality

- Monitoring Data and Application to Water Quality Management. *Environ manage* 14: 389-396.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Tripathi, R. K., Chiu, Y. C., and O'brien, R. D. (1973). Reactivity in Vitro Toward Substrate and Inhibitors of Acetylcholinesterase Isozymes From Electric Eel Electroplax and Housefly Brain. *Pestic. Biochem. Physiol.* 3: 55-60.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tsang, K. Roger, Ward, Gordon B., Mardan, Ali H. , Harein, Phillip K., Brooks, Marion A., and Jacobson, Lawrence (1985). Establishment and Characterization of a Cell Line From Embryos of the Indianmeal Moth, Plodia interpunctella. *Journal of Invertebrate Pathology* 46: 180-188.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Tsatsakis, A. M., Aguridakis, P., Michalodimitrakis, M. N., Tsakalov, A. K., Alegakis, A. K., Koumantakis, E., and Troulakis, G. (1996). Experiences With Acute Organophosphate Poisonings in Crete. *Veterinary and Human Toxicology*. Vol. 38, no. 2, pp. 101-107. Apr 1996.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tsatsakis, A. M., Tzatzarakis, M. N., and Tutudaki, M. (Pesticide Levels in Head Hair Samples of Cretan Population as an Indicator of Present and Past Exposure. *Forensic Sci Int.* 2008, Mar 21; 176(1):67-71. [Forensic science international].
Chem Codes : Chemical of Concern: MLN Code: HUMAN HEALTH.
- Tsezos, M. (1987). Removal of Hazardous Organic Pollutants by Adsorption on Microbial Biomass Au - Bell Jp. *Thirteenth biennial conference of the international association on water pollution research and control, part 2, rio de janeiro, brazil, august 17-22, 1986.* *Water sci technol* 19: 409-416.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- Tsezos, M. and Bell, J. P. (1991). A Mechanistic Study on the Fate of Malathion Following Interaction With Microbial Biomass. *Water Research* 25: 1039-1046.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA, METABOLISM.
- Tsipriyan, V. I. and Martsenyuk, N. K. (1984). Toxicologic Evaluation of Photolytic Pesticide Destruction Products. *Gigiena i Sanitariya [GIG. SANIT.].* no. 8, pp. 77-80. 1984.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Tsuda, T., Aoki, S., Kojima, M., and Fujita, T. (1992). Pesticides in Water and Fish From Rivers Flowing Into Lake Biwa (Ii). *Chemosphere* 24: 1523-1531.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Tu, C. M. (1988). Effects of Selected Pesticides on Activities of Invertase Amylase and Microbial Respiration in Sandy Soil. *Chemosphere* 17: 159-164.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Tu, C. M. (1994). Effects of Some Insecticides on Microbial Activities in Sandy Soil. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 281-292.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Tucker, J. D., Auletta, A., Cimino, M. C., Dearfield, K. L., Jacobson-Kram, D., Tice, R. R., and Carrano, A. V. (Sister-Chromatid Exchange: Second Report of the Gene-Tox Program. *Mutat res* 1993 sep;297(2):101-80: *Mutat Res*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Tumurov, G. L., Zhamsaranova, S. D., Dzantiev, B. B., and Egorov, A. M. (1990). Enzyme Immunoassay of Carbophos Derivatives. *Biotekhnologiya* 0: 82-84.

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Tuomainen, Anneli, Kangas, Juhani A., Meuling, Wim J. A., and Glass, Richard C. (2002). Monitoring of Pesticide Applicators for Potential Dermal Exposure to Malathion and Biomarkers in Urine. *Toxicology Letters* 134: 125-132.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Tuormaa, T. E. (1995). Adverse Effects of Agrochemicals on Reproduction and Health: a Brief Review From the Literature. *Journal of nutritional & environmental medicine (abingdon)* 5: 353-366.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Turner, B., Waithman, J., and Segawa, R. (Environmental Monitoring Results of the Mexican Fruit Fly Eradication Program, San Diego County, Spring 1990. *Govt reports announcements & index (gra&i)*, issue 18, 1991.

Chem Codes: Chemical of Concern: MLO Code: FATE.

Tuschl, Helga and Schwab, Christina E. (2004). Flow Cytometric Methods Used as Screening Tests for Basal Toxicity of Chemicals. *Toxicology in Vitro* 18: 483-491.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Tyler, P. S. and Green, A. A. (1968). The Effectiveness of Fenitrothion and Malathion as Grain Protectants Under Severe Practical Conditions. *Journal of Stored Products Research* 4: 119-126.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Tyler, P. S. and Rowlands, D. G. (1967). Sodium Carboxymethyl Cellulose as a Stabilizer for Malathion Formulations. *Journal of Stored Products Research* 3: 109-115.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Tytler, N. B. and Tully, S. J. (1993). The Who What Why and How of Waste Analysis. *Anal proc* 30: 69-71.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Uchida, T., Zschintzsch, J., and O'Brien, R. D. (1966). Relation Between Synergism and Metabolism of Dimethoate in Mammals and Insects. *Toxicology and Applied Pharmacology* 8: 259-265.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Ueda, H., Itoh, H., and Tadano, J. (1992). Screening of Organophosphorus Pesticides Using Liquid Chromatography-Atmospheric Pressure Chemical Ionization Mass Spectrometry. Au - Kawasaki S. *J chromatogr* 595: 193-202.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Uppal, R. P. and Batra, V. K. (1986). Alteration of Microsomal Metabolism by Malathion. *Fourth international congress of toxicology, tokyo, japan, july 21-25, 1986. Toxicol lett (amst)* 31: 177.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Uygun, Umran, Koksel, Hamit, and Atli, Ayhan (2005). Residue Levels of Malathion and Its Metabolites and Fenitrothion in Post-Harvest Treated Wheat During Storage, Milling and Baking. *Food Chemistry* 92: 643-647.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Uygun, Umran, Ozkara, Recep, Ozbey, Ayse, and Koksel, Hamit (2007). Residue Levels of Malathion and Fenitrothion and Their Metabolites in Postharvest Treated Barley During Storage and Malting. *Food Chemistry* 100: 1165-1169.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

Uygun, Umran, Senoz, Berrin, and Koksel, Hamit (2008-). Dissipation of organophosphorus pesticides in wheat

- during pasta processing. *Food Chemistry* 109: 355-360.
Chem Codes : Chemical of Concern: MLN Code: FOOD.
- Vaal, M., Van, D. E. R. Wal Jt, Hoekstra, J., and Hermens, J. (1997). Variation in the Sensitivity of Aquatic Species in Relation to the Classification of Environmental Pollutants. *Chemosphere* 35: 1311-1327.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Valcke, M. and Bouchard, M. (Determination of No-Observed Effect Level (Noel)-Biomarker Equivalents to Interpret Biomonitoring Data for Organophosphorus Pesticides in Children. *Environ Health*. 2009; 8:5. [Environmental health : a global access science source].
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Vale, J. A. (1998). Toxicokinetic and Toxicodynamic Aspects of Organophosphorus (Op) Insecticide Poisoning. *Toxicology letters (shannon)* 102-103: 649-652.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Valsaraj, K. T., Thoma, G. J., Reible, D. D., and Thibodeaux, L. J. (1993). On the Enrichment of Hydrophobic Organic Compounds in Fog Droplets. *Atmos environ part a gen top* 27: 203-210.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Van Dijk H Fg and Guicherit, R. (1999). Atmospheric Dispersion of Current-Use Pesticides: a Review of the Evidence From Monitoring Studies. *Water air and soil pollution* 115: 21-70.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Van Hemmen Jj and Brouwer, D. H. (1997). Exposure Assessment for Pesticides: Operators and Harvesters Risk Evaluation and Risk Management. *Mededelingen faculteit landbouwkundige en toegepaste biologische wetenschappen universiteit gent* 62: 113-131.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Van Metre Pc and Callender, E. (1996). Identifying Water-Quality Trends in the Trinity River, Texas, Usa, 1969-1992, Using Sediment Cores From Lake Livingston. *Environmental geology* 28: 190-200.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Van Wijk Rj and Kraaij, R. (1994). Use of Model Parameter Estimations From Standard Fish Toxicity Tests to Indicate Toxic Mechanisms. *Bulletin of environmental contamination and toxicology* 53: 171-178.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Vasilic, Zelimira, Stengl, Bozena, and Drevenkar, Vlasta (1999). Dimethylphosphorus Metabolites in Serum and Urine of Persons Poisoned by Malathion or Thiometon. *Chemico-Biological Interactions* 119-120: 479-487.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Venanat, A., Borrel, S., Mallet, J., and Van Neste E (1989). Gel Permeation Chromatography as a Method for the Simultaneous Clean-up of Organochlorine Organophosphate and Polychlorinated Biphenyl Residues in Fat Extracts. *Analisis* 17: 64-66.
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Venkat, J. A., Shami, S., Davis, K., Nayak, M., Plimmer, J. R., Pfeil, R., and Nair, P. P. *. (1995). Relative Genotoxic Activities of Pesticides Evaluated by a Modified Sos Microplate Assay. *Environmental and Molecular Mutagenesis [ENVIRON. MOL. MUTAG.]*. Vol. 25, no. 1, pp. 67-76. 1995.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Venkatadri, R. and Peters, R. W. (1993). Chemical Oxidation Technologies Ultraviolet Light-Hydrogen Peroxide Fenton's Reagent and Titanium Dioxide-Assisted Photocatalysis. *Hazard waste hazard mater* 10: 107-149.
Chem Codes: Chemical of Concern: MLN Code: NO SPECIES.

- Vera-Avila, L. E., Vazquez-Lira, J. C., de Llasera, M. G., and Covarrubias, R. (2005). Sol--Gel Immunosorbents Doped With Polyclonal Antibodies for the Selective Extraction of Malathion and Triazines From Aqueous Samples. *Environmental Science & Technology [Environ. Sci. Technol.]*. Vol. 39, no. 14, pp. 5421-5426. 15 Jul 2005.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Verga, G. R. (1992). Improvements in Flame Photometric Detector Design and Operation: Determination of Organophosphorus Pesticide Residues at Low Picogram Levels. *Hrc (j high resolut chromatogr)* 15: 235-237.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Verhaar, H. Jm, Van Leeuwen Cj, and Hermens, J. Lm (1992). Classifying Environmental Pollutants: Structure-Activity Relationships for Prediction of Aquatic Toxicity. *Chemosphere* 25: 471-491.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vermeulen, A. C. (1995). Elaborating Chironomid Deformities as Bioindicators of Toxic Sediment Stress: the Potential Application of Mixture Toxicity Concepts. *Annales zoologici fennici* 32: 265-285.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Verrin, S. M., Begg, S. J., Ross, P. S., and Department of Fisheries and Oceans Canada, Sidney, BC (Canada) Inst. Ocean. Sci. (2004). Pesticide Use in British Columbia and the Yukon: an Assessment of Types, Applications and Risks to Aquatic Biota.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Viana, E., Molto, J. C., Manes, J., and Font, G. (1993). Clean-up and Confirmation Procedures for Gas Chromatographic Determination of Pesticides Residues in Contaminated Waters Part I. *Journal of chromatography a* 655: 285-292.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Viana, E., Redondo, M. J., Font, G., and Molto, J. C. (1996). Disks Versus Columns in the Solid-Phase Extraction of Pesticides From Water. *Journal of chromatography a* 733: 267-274.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vidair, C. A. (2004). Age Dependence of Organophosphate and Carbamate Neurotoxicity in the Postnatal Rat: Extrapolation to the Human. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 196, no. 2, pp. 287-302. 15 Apr 2004.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Videira, R. A., Peca, L. P. S., Antunes-Madeira, M. D. C., and Madeira, V. M. C. (1994). Effects of Malathion on Membrane Fluidity and Its Implications for the Mechanisms of Toxicity. *Med Sci.Res.* 22: 551-553 .
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Videira, R. A., Peca, L. Ps, Antunes-Madeira, M. Dc, and Madeira, V. Mc (1994). Effects of Malathion on Membrane Fluidity and Its Implications for the Mechanisms of Toxicity. *Medical science research* 22: 551-553.
Chem Codes: Chemical of Concern: MLN Code: METHODS, IN VITRO.
- Vighi, M. and Calamari, D. (1987). A Triparametric Equation to Describe Qsars for Heterogeneous Chemical Substances. *Chemosphere* 16: 1043-1052.
Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Vighi, M., Garlanda, M. M., and Calamari, D. (1991). Qsars for Toxicity of Organophosphorous Pesticides to Daphnia and Honeybees. *Fourth international workshop on qsar (quantitative structure-activity relationships) in environmental toxicology, veldhoven, netherlands, september 16-20, 1990. Sci total environ* 109-110: 605-622.

- Chem Codes: Chemical of Concern: MLN Code: QSAR.
- Vilanova, E. and Sogorb, M. A. (1999). The Role of Phosphotriesterases in the Detoxication of Organophosphorus Compounds. *Critical reviews in toxicology* 29: 21-57.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Villatte, F., Marcel, V., Estrada-Mondaca, S., and Fournier, D. (1998). Engineering Sensitive Acetylcholinesterase for Detection of Organophosphate and Carbamate Insecticides. *Biosensors & bioelectronics* 13: 157-164.
Chem Codes: Chemical of Concern: MLO Code: METHODS, IN VITRO.
- Villen, J., Senorans, F. J., and Herraiz, M. (Very Large Volume Sample Introduction in Capillary Gas Chromatography Using a Programmed Temperature Injector for Pesticide Analysis.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vioque-Fernandez, A., Alves de Almeida, E. A., and Lopez-Barea, J. (2007). Esterases as Pesticide Biomarkers in Crayfish (*Procambarus Clarkii*, Crustacea): Tissue Distribution, Sensitivity to Model Compounds and Recovery From Inactivation. *Comp.Biochem.Physiol.C* 145: 404-412.
Chem Codes: Chemical of Concern: CBL,MLN,CPY Code: IN VITRO.
- Vitali, M., Guidotti, M., Giovinazzo, R., and Cedrone, O. (1998). Determination of Pesticide Residues in Wine by Spme and Gc for Consumer Risk Assessment./Methods. *Food additives and contaminants* 15: 280-287.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Vlachojannis, J., Roufogalis, B. D., Chrubasik, S., and Chrubasik, J. (2008). Systematic Review on the Safety of Harpagophytum Preparations for Osteoarthritic and Low Back Pain. *Phytotherapy Research* 22 : 149-152.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Vlachojannis Julia E., Cameron, M., Chrubasik, S., and Chrubasik, S. (2009). A Systematic Review on the Effectiveness of Willow Bark for Musculoskeletal Pain. *Phytotherapy Research*, vol. 23, no. 7, pp. 897-900, 2009.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Vogel, E. W., Graf, U., Frei, H. J., and Nivard, M. M. (The Results of Assays in Drosophila as Indicators of Exposure to Carcinogens. *Iarc sci publ* 1999(146):427-70: *IARC Sci Publ* .
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Vogel, J. R., Majewski, M. S., and Capel, P. D. (2008). Pesticides in Rain in Four Agricultural Watersheds in the United States. *J.Environ.Qual.* 37: 1101-1115.
Chem Codes: Chemical of Concern:
TBZ,ACO,PCH,FFC,MBZ,BFL,ETN,FNF,IFP,TET,CYF,CYP,DCTP,MLX,FMP,PMR,DMT,PRT,TBO,F
PN,TBZ,PZM,MP,DDVP,PMT,PSM,AZ,MDT,MYC,IPD,PRO,MLN,TFN,DZ,CBL,PDM,ACR,SZ,CPY,
DCPA,ATZ,34DAH,MTL,NATL Code: FATE/NO SPECIES.
- Vogel, J. R., Majewski, M. S., and Capel, P. D. (2008). Pesticides in Rain in Four Agricultural Watersheds in the United States. *J.Environ.Qual.* 37: 1101-1115.
Chem Codes: Chemical of Concern:
TBZ,ACO,PCH,FFC,MBZ,BFL,ETN,FNF,IFP,TET,CYF,CYP,DCTP,MLX,FMP,PMR,DMT,PRT,TBO,F
PN,TBZ,PZM,MP,DDVP,PMT,PSM,AZ,MDT,MYC,IPD,PRO,MLN,TFN,DZ,CBL,PDM,ACR,SZ,CPY,
DCPA,ATZ,34DAH,MTL,NATL Code: FATE/NO SPECIES.
- Vosough-Ghanbari, Sanaz, Sayyar, Parisa, Pournourmohammadi, Shirin, Aliahmadi, Atousa, Ostad, Seyed Nasser, and Abdollahi, Mohammad (2007). Stimulation of insulin and glucagon synthesis in rat Langerhans islets by malathion in vitro: Evidence for mitochondrial interaction and involvement of subcellular non-cholinergic mechanisms. *Pesticide Biochemistry and Physiology* 89: 130-136.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Wagenet, R. J. and Hutson, J. L. (1990). Quantifying Pesticide Behavior in Soil. *Cook, r. J. (Ed.). Annual review of phytopathology*, vol. 28. X+493p. *Annual reviews inc.: Palo alto, california, usa. Illus. Maps. Isbn 0-8243-1328-3*. 0: 295-320.

Chem Codes: Chemical of Concern: MLN Code: MODELING, FATE.

Wagner, E. D., McMillian, S. M., and Plewa, M. J. (2005). Cytotoxicity of Organophosphorus Ester (Op) Insecticides and Cotoxic Synergism of 2-Acetoxyacetylaminofluorene (2aaaf) in Chinese Hamster Ovary (Cho) Cells. *Bull. Environ. Contam. Toxicol.* 75: 329-334.

Chem Codes: Chemical of Concern: MP,MLN,EPRN,CPY Code: IN VITRO.

Waliszewski, S. M., Aguirre, A. A., Infanzon, R. M., Rivera, J., and Infanzon, R. (1998). Time Trend of Organochlorine Pesticide Residues in Human Adipose Tissue in Veracruz, Mexico: 1988-1997 Survey. *Science of the Total Environment [Sci. Total Environ.]*. Vol. 221, no. 2-3, pp. 201-204. 8 Oct 1998.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Walker, C. H. (1998). The Use of Biomarkers to Measure the Interactive Effects of Chemicals. *Ecotoxicology and Environmental Safety* 40: 65-70.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Walker, C. H. and Johnston, G. O. (1989). Interactive Effects of Pollutants at the Toxicokinetic Level--Implications for the Marine Environment. *Marine Environmental Research* 28: 521-525.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Walker, W. W. (1976). Chemical and Microbiological Degradation of Malathion and Parathion in an Estuarine Environment. *J. Environ. Qual.* Vol. 5, no. 2, pp. 210-216. 1976.

Chem Codes: Chemical of Concern: MLN Code: BACTERIA.

Wall, G. R. and Phillips, P. J. (1998). Pesticides in the Hudson River Basin, 1994-96. *Northeastern geology and environmental sciences* 20: 299-307.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Walsh, A. H. and Ribelin, W. E. (1973). Lesions of Pesticide Poisoning in Fish. *Toxicol. Appl. Pharmacol.* 25: 485 (ABS).

Chem Codes: Chemical of Concern: 24D,ATZ,DLD,ES,DDT,CBL,MLN Code: ABSTRACT.

Walter, Z. and Wiszkowska, H. (1990). Effect of Malathion on the Initiation and Elongation Steps of Transcription. *Annual meeting of the polish biochemical society, torun, poland, september 1989. Acta biochim pol* 37: 73-76.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Walters, S. M. (1990). Clean-up Techniques for Pesticides in Fatty Foods. *Anal chim acta* 236: 77-82.

Chem Codes: Chemical of Concern: MLN Code: FOOD.

Wan, H. (1990). Small-Scale Method for the Determination of Organophosphorus Insecticides in Tea Using Sulfuric Acid as Clean-up Reagent. *J chromatogr* 516: 446-449.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Wan, H. B., Wong, M. K., and Mok, C. Y. (1994). Mercury(Ii) Ion-Promoted Hydrolysis of Some Organophosphorus Pesticides. *Pesticide science* 42: 93-99.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Wan, M. T., Szeto, S., and Price, P. (1994). Organophosphorus Insecticide Residues in Farm Ditches of the Lower Fraser Valley of British Columbia. *Journal of environmental science and health part b pesticides food*

- contaminants and agricultural wastes* 29: 917-949.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, C. K. and Lee, S. E. (1997). Evaluation of Granular Activated Carbon Adsorber Design Criteria for Removal of Organics Based on Pilot and Small-Scale Studies. *Water science and technology* 35: 227-234.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wang, L., Lee, F. S. C., Yin, Y. F., Xu, X. Q., Zhou, W. H., and Wang, X. R. (2007). Organophosphate Pesticide Residue Monitoring and Risk Assessment in the Sea-Water From Laizhou Bay. *Journal of Safety and Environment/Anquan Yu Huanjing Xuebao [J. Safety Environ./Anquan Yu Huanjing Xuebao]*. Vol. 7, no. 3, p. 83. Jun 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE, NON-ENGLISH.
- Wang, L., Liang, Y., and Jiang, X. (Analysis of Eight Organophosphorus Pesticide Residues in Fresh Vegetables Retailed in Agricultural Product Markets of Nanjing, China. *Bull Environ Contam Toxicol*. 2008, Oct; 81(4):377-82. [Bulletin of environmental contamination and toxicology].
Chem Codes: Chemical of Concern: MLN Code: FOOD, CHEM METHODS.
- Wang, L., Zhao, Z., Jiang, X., Wu, J., and Martens, D. (2005). Assessment of Pesticide Residues in Two Arable Soils From the Semi-Arid and Subtropical Regions of China. *Environmental Monitoring and Assessment*, 109 (1-3) pp. 317-328, 2005.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, T. (1991). Assimilation of Malathion in the Indian River Estuary, Florida. *Bulletin of Environmental Contamination and Toxicology*. Vol. 47, no. 2, pp. 238-243. 1991.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, T. C. and Hoffman, M. E. (1991). Degradation of Organophosphorus Pesticides in Coastal Water. *J assoc off anal chem* 74: 883-886.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wang, X., Zhao, X., Liu, X., Li, Y., Fu, L., Hu, J., and Huang, C. (Homogeneous Liquid-Liquid Extraction Combined With Gas Chromatography-Electron Capture Detector for the Determination of Three Pesticide Residues in Soils. *Anal Chim Acta*. 2008, Jul 14; 620(1-2):162-9. [Analytica chimica acta].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Ward T. R., Ferris D. J., Tilson H. A., and Mundy W. R. (1993). Correlation of the Anticholinesterase Activity of a Series of Organophosphates With Their Ability to Compete With Agonist Binding to Muscarinic Receptors. *Toxicology and Applied Pharmacology* 122: 300-307.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Ward, T. R., Ferris, D. J., Tilson, H. A., Padilla, S., and Mundy, W. R. (1992). Comparison of Organophosphate Interactions With Ache and Muscarinic Receptors. *22nd annual meeting of the society for neuroscience, anaheim, california, usa, october 25-30, 1992. Soc neurosci abstr* 18: 1605.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Ward, T. R. and Mundy, W. R. (1996). Organophosphorus Compounds Preferentially Affect Second Messenger Systems Coupled to M2/M4 Receptors in Rat Frontal Cortex. *Brain Res. Bull.* 39: 49-55.
Chem Codes: Chemical of Concern: CYPO, MLO Code: IN VITRO.
- Ward, T. R. and Mundy, W. R. (1996). Organophosphorus Compounds Preferentially Affect Second Messenger Systems Coupled to M24 Receptors in Rat Frontal Cortex. *Brain research bulletin* 39: 49-55.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Ward, T. R., Padilla, S., and Mundy, W. R. (1993). Paraoxon and Malaoxon Inhibit Camp Formation but Do Not

- Affect Inositol Phosphate Accumulation in Rat Brain Cortical Slices. *23rd annual meeting of the society for neuroscience, washington, d.c., Usa, november 7-12, 1993. Society for neuroscience abstracts* 19: 461.
Chem Codes: Chemical of Concern: MLO Code: ABSTRACT.
- Ware, G. W. (1991). Reviews of Environmental Contamination and Toxicology Vol. 118. Ware, g. W. (Ed.). *Reviews of environmental contamination and toxicology, vol. 118. 1x+158p. Springer-verlag new york inc.: New york, new york, usa Berlin, germany. Illus. Isbn 0-387-97447-4; isbn 3-540-97447-4.; 0: 1x+158p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Waseem, A., Yaqoob, M., and Nabi, A. (Flow-Injection Determination of Carbaryl and Carbofuran Based on KmnO₄-Na₂SO₃ Chemiluminescence Detection. *Luminescence. 2007 jul-aug; 22(4):349-54. [Luminescence : the journal of biological and chemical luminescence]: Luminescence.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Watanabe, M., Takebe, S., Kim, D. H., Kobashi, K., Arakawa, R., and Kamimura, K. (Pseudo-Type Acetylcholinesterase From Insecticide-Resistant Culex Tritaeniorhynchus.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Watanabe, T. (1998). Determination of the Concentration of Pesticides in Atmosphere at High Altitudes After Aerial Application. *Bulletin of environmental contamination and toxicology* 60: 669-676.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Waters, Michael D., Bergman, Hinda B., and Nesnow, Stephen (1988). The Genetic Toxicology of Gene-Tox Non-Carcinogens. *Mutation Research/Genetic Toxicology* 205: 139-182.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Waters, R. D., Crutcher, M. R., and Parker, F. L. (1993). Hazard Ranking Systems for Chemical Wastes and Chemical Waste Sites. Saxena, j. (Ed.). *Hazard assessment of chemicals, vol. 8. Xii+332p. Taylor & francis inc.: Bristol, pennsylvania, usa London, england, uk. Isbn 1-56032-271-3.; 0: 115-170.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Watson, J. E. (1996). Pesticides as a Source of Pollution. Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). *Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-550660-0.; 0: 253-266.*
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Weber, J. B. (1977). The Pesticide Scorecard. Toxicological Effects, Biological Distributions, and the Fate of These Chemicals Can Be Quantified in a Simplified, Straightforward Manner. *Environ.Sci.Technol.* 11: 756-761.
Chem Codes: Chemical of Concern: 24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLD,EN,DDVP,ACR,BMC,Captan,DS,MLN,PRN,PRT,CBL,CBF,CuS,Cu,DMB,DU,Hg,PYZ Code: REFS CHECKED/REVIEW.
- Weber, J. B., Best, J. A., and Gonese, J. U. (1993). Bioavailability and Bioactivity of Sorbed Organic Chemicals. *Sssa special publication* 0: 153-196.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Wegman, R. Cc and Melis, P. H Am (1986). Organic Pollutants in Water. *Crit rev anal chem* 16: 281-322.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wegner, S. J. and Campbell, L. J. (1991). Radionuclides, Chemical Constituents, and Organic Compounds in Water From Designated Wells and Springs From the Southern Boundary of the Idaho National Engineering Laboratory to the Hagerman Area, Idaho, 1989.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Weinbaum, Z., Schenker, M. B., O'malley, M. A., Gold, E. B., and Samuels, S. J. (1995). Determinants of Disability

- in Illnesses Related to Agricultural Use of Organophosphates (Ops) in California. *American journal of industrial medicine* 28: 257-274.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Weis, J. S. and Weis, P. (1989). Effects of Environmental Pollutants on Early Fish Development. *Rev aquat sci* 1: 45-74.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Weiss, C. M. and Gakstatter, J. H. (1965). The Decay of Anticholinesterase Activity of Organic Phosphorus Insecticides on Storage in Water of Different Ph. In: *Proc.2nd Int. Water Pollut.Res.Conf., August 1964, Tokyo Adv. Water Pollut.Res.* 1: 83-102.
Chem Codes: Chemical of Concern: MP,PRN,FNTH,DZ,MLN,AZ,TCF,DDVP,DEM Code: IN VITRO.
- Wenda-Rozewicka, L. (1982). Dna Content in the Mouse Spermatogonia B and Spermatid Nuclei During Treatment With Insecticides. *Folia Histochemica et Cytochemica [FOLIA HISTOCHEM. CYTOCHEM.]*. Vol. 20, no. 3-4, pp. 89-102. 1982.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Wenzel, A., Nendza, M., Hartmann, P., and Kanne, R. (1997). Test-Battery for the Assessment of Aquatic Toxicity. *Chemosphere* 35: 307-322.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Weres, O. and Pocekay, J. (Decontamination System Utilizing Hydrogen Peroxide, Uv Light and Catalytic Surfaces. *Govt reports announcements & index (gra&i), issue 14, 2092.*
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Werner, I., Deanovic, L. A., Connor, V., De Vlaming, V., Bailey, H. C., and Hinton, D. E. (2000). Insecticide-Caused Toxicity to Ceriodaphnia Dubia (Cladocera) in the Sacramento-San Joaquin River Delta, California, Usa. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 19, no. 1, pp. 215-227. Jan 2000.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Wester, R. C., Melendres, J., Serranzana, S., and Maibach, H. I. (1994). Time-Response Necessary in Validation for Extraction of Pesticides from Cloth Patches Used in Field Exposure Studies. *Arch.Environ.Contam.Toxicol.* 27: 276-280.
Chem Codes: EcoReference No.: 55525
Chemical of Concern: 24D,ACR,ATZ,GYP,MLN Code: FATE/HUMAN HEALTH.
- Wester, R. C., Melendres, J., Serranzana, S., and Maibach, H. I. (1994). Time-Response Necessary in Validation for Extraction of Pesticides From Cloth Patches Used in Field Exposure Studies. *Archives of environmental contamination and toxicology* 27: 276-280.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Wester, R. C., Quan, D., and Maibach, H. I. (1996). In Vitro Percutaneous Absorption of Model Compounds Glyphosate and Malathion From Cotton Fabric Into and Through Human Skin. *Food and Chemical Toxicology*. Vol. 34, no. 8, pp. 731-735. Aug 1996.
Chem Codes: Chemical of Concern: MLN Code : HUMAN HEALTH.
- White, N. D. G. and Nowicki, T. W. (1985). Effects of Temperature and Duration of Storage on the Degradation of Malathion Residues in Dry Rapeseed. *Journal of Stored Products Research* 21: 111-114.
Chem Codes: Chemical of Concern: MLN Code: METABOLISM.
- White, N. Dg (1985). Research on Contact Insecticides Used as Structural Treatments to Control Stored-Product Insects. *Annual meeting of the canadian society of pest management, winnipeg, manit., Canada, aug. 20-22, 1984. Can j plant sci* 65: 813-814.

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

White, N. Dg (Uptake of Malathion and Pirimiphos-Methyl by Rye Wheat or Triticale Stored on Treated Surfaces. *J econ entomol*; 78 (6). 1985 (recd. 1986). 1315-1319.

Chem Codes: Chemical of Concern: MLN Code: NO SPECIES (DEAD).

White, N. Dg, Jayas, D. S., Mills, J. T., and Dronzek, B. L. (1992). Effects of Canola Oil or White Mineral Oil at Dust Suppressant Levels on the Storage Characteristics of Wheat. *Cereal chem* 69: 182-187.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Who (Specifications for Pesticides Used in Public Health Insecticides Molluscicides Repellents Methods Sixth Edition. *Who. Specifications for pesticides used in public health: insecticides, molluscicides, repellents, methods, sixth edition. 384p. Who: geneva, switzerland. Illus. Paper. Isbn 92-4-156084-3.; 0 (0). 1985 (recd. 1986). 384p.*

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Who Expert Comm Vector Biol Control (1990). Chemistry and Specifications of Pesticides Thirteenth Report of the Who Expert Committee on Vector Biology and Control. *Who tech rep ser* 0: 1-77.

Chem Codes: Chemical of Concern: MLN Code: METHODS.

Whyard, S., Downe, A. E. R., and Walker, V. K. *. (1995). Characterization of a Novel Esterase Conferring Insecticide Resistance in the Mosquito Culex Tarsalis. *Archives of Insect Biochemistry and Physiology [ARCH. INSECT BIOCHEM. PHYSIOL.]*. Vol. 29, no. 4, pp. 329-342. 1995.

Chem Codes: Chemical of Concern: MLN Code: METABOLISM.

Whyard S. and Walker V. K. (1994). Characterization of Malathion Carboxylesterase in the Sheep Blowfly Lucilia Cuprina. *Pesticide Biochemistry and Physiology* 50: 198-206.

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Wiaderkiewicz, R., Walter, Z., and Reimschuessel, W. (1986). Sites of Methylation of Dna Bases by the Action of Organophosphorus Insecticides in-Vitro. *Acta biochim pol* 33: 73-86.

Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

Wiendl, F. M. and Sgrillo, R. B. (1982). Degradation of Malathion by Gama Radiation of Cobalt-60. *CIENC. CULT.* Vol. 34, no. 7, pp. 917-921. 1982.

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Wilkins, J. Pg and Mason, D. J. (1987). A Study of the Trans-Esterification Products of Malathion by Capillary Gas Chromatography-Mass Spectrometry. *Pestic sci* 20: 259-270.

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Williams, D. J., Bevilacqua, V. L., Creasy, W. R., Mcgarvey, D. J., and Rice, J. S. (Use of Alum Mixtures for Removal and Decontamination of Vx and Ql in Aqueous Solutions. *Govt reports announcements & index (gra&i), issue 22, 2006.*

Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.

Williams, G. H., Glotfelty, D. E., and Glenn, S. (1986). Pesticide Washout in Rain. *191st american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.

Chem Codes: Chemical of Concern: MLN Code: FATE.

Willington, S. E., Zajac, W., McGregor, D. B., and Combes, R. D. (Method and Criteria for Assessing the Activity of Chemicals in the V79 Metabolic Cooperation Assay. *Mutat res* 216:283,1989: *MUTAT RES.*

Chem Codes: Chemical of Concern: MLO Code: METHODS.

- Wilson, B. W. and Stinnett, H. O. (Growth and Respiration of Monolayer Cell Cultures of Chick Embryo Heart Muscle and Skeletal Muscle: Action of Malathion and Malaoxon. *Proc. Soc. Exptl. Biol. Med.*; 130(1), 30-4, 1969; (ref:13).
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Wilson, B. W. and Walker, N. E. (1966). Toxicity of Malathion and Mercaptosuccinate to Growth of Chick Embryo Cells In Vitro . *Proc.Soc.Exp.Biol.Med.* 121: 1260-1264.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wilson, R. E., Crowley, H. A., Brownawell, B. J. , and Swanson, R. L. (2005). Simulations of Transient Pesticide Concentrations in Long Island Sound for Late Summer 1999 With a High Resolution Coastal Circulation Model. *Journal of Shellfish Research [J. Shellfish Res.]*. Vol. 24, no. 3, pp. 865-875. Oct 2005.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wing, K. D., Glickman, A. H., and Casida, J. E. (1984). Phosphorothiolate Pesticides and Related Compounds: Oxidative Bioactivation and Aging of the Inhibited Acetylcholinesterase. *Pestic biochem physiol* 21: 22-30.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Winger, P. V. and Andreasen, J. K. (1985). Contaminant Residues in Fish and Sediments From Lakes in the Atchafalaya River Basin Louisiana Usa. *Arch environ contam toxicol* 14: 579-586 .
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Wintersteen, W. K. and Foster, D. E. (1992). Degradation of Malathion as a Function of Grain Drying Systems. *J econ entomol* 85: 1015-1022.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Wirth, M. C., Marquine, M., Georgiou, G. P., and Pasteur, N. (1990). Esterases A2 and B2 in *Culex Quinquefasciatus* (Diptera: Culicidae): Role in Organophosphate Resistance and Linkage. *J med entomol* 27: 202-206.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Wiszkowska, H., Kubiak, A., and Walter, Z. (The Influence of Organophosphorus Compounds on Rna Synthesis in Isolated Cell Nuclei. *Genet pol*; 25 (4). 1984 (recd. 1985). 319-326.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wiszkowska, Hanna, Kulamowicz, Irena, Malinowska, Alicja, and Walter, Zofia (1986). The Effect of Malathion on Rna Polymerase Activity of Cell Nuclei and Transcription Products in Lymphocyte Culture. *Environmental Research* 41: 372-377.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Wittmann, C., Riedel, K., and Schmid, R. D. (1997). Microbial and Enzyme Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 299-332.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Wittmann, C. and Schmid, R. D. (1997). Bioaffinity Sensors for Environmental Monitoring. *Kress-rogers, e. (Ed.). Handbook of biosensors and electronic noses: medicine, food, and the environment. Xxi+695p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-8905-4.; 0: 333-347.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Wojtysiak, M., Wiszkowska, H., and Walter, Z. (1987). Effect of Malathion on Dna Isolated From Transcriptionally Active and Inactive Chromatin From Calf Thymus. *Stud biophys* 120: 43-49.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.

- Wolf, M., Deleu, R., and Copin, A. (Separation of Pesticides by Capillary Gas Chromatography. Part 2. Organophosphorus Insecticides. *J. High resolut. Chromatogr. Chromatogr. Commun.* 4(7): 346-347 1981 (11 references).
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Wolfe, N. L., Zepp, R. G., Gordon, J. A., Baughman, G. L., and Cline, D. M. (1977). Kinetics of Chemical Degradation of Malathion in Water. *Environ.Sci.Technol.* 11: 88-93.
Chem Codes: Chemical of Concern: MLN Code: FATE/NO SPECIES.
- Wong, P. K., Wai, C. C., and Liong, E. (1989). Comparative Study on Mutagenicities of Organophosphorus Insecticides in Salmonella. *Chemosphere* 18: 2413-2422.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Woo, Y. T., Lai, D. Y., Argus, M. F., and Arcos, J. C. (1996). Carcinogenicity of Organophosphorus Pesticides-Compounds an Analysis of Their Structure-Activity Relationships. *Journal of environmental science and health part c environmental carcinogenesis & ecotoxicology reviews* 14: 1-42.
Chem Codes: Chemical of Concern: MLO Code: REVIEW.
- Wood, A. B. and Kanagasabapathy, L. (1983). Evaluation of Inexpensive Thin-Layer Chromatographic Procedures for the Estimation of Some Organophosphorus and Carbamate Insecticide Residues in Fruit and Vegetables. *Pestic sci* 14: 108-118.
Chem Codes: Chemical of Concern: MLO Code: METHODS .
- Woodham, D. W., Robinson, H. F., Reeves, R. G., Bond, C. A., and Richardson, H. (1977). Monitoring Agricultural Insecticides in the Cooperative Cotton Pest Management Program in Arizona, 1971 - First-Year Study. *Pestic.Monit.J.* 10: 159-167.
Chem Codes: Chemical of Concern: MP,DMT,MLN,TXP,EN,HCCH,AND,HPT,DDT,DLD Code: NO DURATION/SURVEY.
- Wool, D., Brower, J. H., and Kamin-Belsky, N. (The Genetic Impact of Immigrant Males on Resident Populations of the Almond Moth Ephestia-Cautella. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica; 14 (4). 1986 (recd. 1987). 354.*
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Wool, David and Front, Lilach (2003). Esterase Variation in Tribolium Confusum (Coleoptera: Tenebrionidae): Genetic Analysis of Interstrain Crosses in Relation to Malathion Resistance. *Journal of Stored Products Research* 39: 237-249.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Worek, F., Diepold, C., and Eyer, P. (1999). Dimethylphosphoryl-Inhibited Human Cholinesterases: Inhibition, Reactivation, and Aging Kinetics. *Archives of Toxicology [Arch. Toxicol.]*. Vol. 73, no. 1, pp. 7-14. 22 Mar 1999.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Worek, F., Kirchner, T., Baecker, M., and Szinicz, L. (1996). Reactivation by Various Oximes of Human Erythrocyte Acetylcholinesterase Inhibited by Different Organophosphorus Compounds. *Archives of toxicology* 70: 497-503.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Worthing, C. R. (1991). The Pesticide Manual a World **Compendium** 9th Edition. *Worthing, c. R. (Ed.). The pesticide manual: a world compendium, 9th edition. Xlvii+1141p. British crop protection council: farnham, england, uk. Illus. Isbn 0-948404-42-6. 0: Xlvii+1141p.*
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Wright, C. G., Leidy, R. B., and Dupree, H. E Jr (1996). Insecticide Residues in the Ambient Air of Commercial

- Pest Control Buildings 1993. *Bulletin of environmental contamination and toxicology* 56: 21-28.
Chem Codes: Chemical of Concern: MLN Code : FATE.
- Wright, D. J. and Verkerk, R. H. (1995). Integration of Chemical and Biological Control Systems for Arthropods: Evaluation in a Multitrophic Context. *Pesticide science* 44: 207-218.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Wu Tze-Kann and Lo Kang-Chen (1988). Comparative Toxicity of Some Pesticides Against Phytophagous Mite. *Panonychus Citri* (Acarina: Tetranychidae), Green Lacewing, *Chrysopa Boninensis* (Neuroptera: Chrysopidae) and Chrysopid Egg Parasite, *Telenomus Ampullaceus* (Hymenoptera: Scelionidae). *Plant Protection Bulletin (Taiwan) [PLANT PROT. BULL. (TAIWAN)]*. Vol. 30, no. 4, pp. 371-378. 1988.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Wu, Y. S., Lee, H. K., and Li, S. F. (1998). Rapid Estimation of Octanol-Water Partition Coefficients of Pesticides by Micellar Electrokinetic Chromatography. *Electrophoresis* 19: 1719-1727.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Xie, S., Liu, J., Li, L., and Qiao, C. (2009). Biodegradation of Malathion by *Acinetobacter johnsonii* MA19 and Optimization of Cometabolism Substrates. *J. Environ. Sci.* 21: 76-82.
Chem Codes: Chemical of Concern: MLN Code: EFFLUENT/FATE.
- Xiong, J. and Hu, B. (:7-18 [Journal of chromatography]). Comparison of Hollow Fiber Liquid Phase Microextraction and Dispersive Liquid-Liquid Microextraction for the Determination of Organosulfur Pesticides in Environmental and Beverage Samples by Gas Chromatography With Flame Photometric Detection. *J Chromatogr A*. 2008, Jun 6 1193: A].
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Xiong, S. and Rodgers, K. (Effects of Malathion Metabolites on Degranulation of and Mediator Release by Human and Rat Basophilic Cells. *J toxicol environ health*. 1997, jun 6; 51(2):159-75. [Journal of toxicology and environmental health]: *J Toxicol Environ Health*.
Chem Codes: Chemical of Concern: MLO Code: IN VITRO.
- Yadav, T. D. (1987). Current Status of Conventional Insecticides in Stored Product Insect Management in India. *Insect Science and Its Application [INSECT SCI. APPL.]*. Vol. 8, no. 4-6, pp. 703-707. 1987.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Yadava, R. L., Rao, C. K., Thapar, B. R., and Narasimham, M. V VI (1991). Blood Cholinesterase Monitoring in Spraymen Involved in Malathion Spraying: a Health Protection Measure. *J commun dis* 23: 55-58.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yalkowsky, S. H. and Pinal, R. (1993). Estimation of the Aqueous Solubility of Complex Organic Compounds. *Chemosphere* 26: 1239-1261.
Chem Codes: Chemical of Concern: MLN Code: MODELING,FATE.
- Yamaguchi, Y., Fukushima, M., Fujita, T., Yamamoto, T., and Yamada, A. (1992). Distribution and Seasonal Variation of Pesticide Residues in Yodo River Basin Japan. *Meeting on hazard assessment and control of environmental contaminants in water held at the 1st iawprc (international association on water pollution research and control), otsu city, shiga, japan, november 25-28, 1991*. *Water sci technol* 25: 61-68.
Chem Codes: Chemical of Concern: MLN Code: FATE, NO EFFECT.
- Yamamoto, I. (1991). Insecticides Negatively Correlated With Resistance Development Cases of Insecticide Mixtures. *United states bard workshop on new targets for insect management in crop protection, jerusalem, israel, october 5-10, 1991*. *Phytoparasitica* 19: 353.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

- Yamamoto, M. K., Shen, Y. F., and Fitzsimmons, S. R. (1993). The Extraction of Nitrogen and Phosphorous-Containing Pesticides Using an Automated Graphitized Carbon Black Solid Phase Extraction Technique and Analysis by Gc-Npd. *205th acs (american chemical society) national meeting, denver, colorado, usa, march 28-april 2, 1993. Abstr pap am chem soc* 205: Envr 86.
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Yamashita, M., Yamashita, M., Tanaka, J., and Ando, Y. (1997). Human Mortality in Organophosphate Poisonings. *Veterinary and Human Toxicology [VET. HUM. TOXICOL.]*. Vol. 39, no. 2, pp. 84-85. Apr 1997.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yang, M. L., Wu, H. H., Guo, Y. P., and Ma, E. B. (2004). Characterization and Comparison of General Esterases From Two Field Populations of the Grasshopper Oxya Chinensis (Thunberg) (Orthoptera: Acridoidea). *Acta Entomologica Sinica [Acta Entomol. Sin.]*. Vol. 47, no. 5, pp. 579-585. 2004.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Yang, M. X. and Liu, Y. G. (1991). Toxicological Application of Luminol-Dependent Chemiluminescence Assay in Hepatic Microsomes and Reconstituted Cytochrome P450 Enzyme System. *Zhongguo yaolixue yu dulixue zazhi* 5: 312-320.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- YANG, Mei ling, ZHANG, Jian zhen, ZHANG, Jian qin, GUO, Ya ping, and MA, En bo (2008). Characterization of Carboxylesterase Associated with Malathion Insensitivity in the Field Population of the Oriental Migratory Locust. *Agricultural Sciences in China* 7: 591-598.
Chem Codes: Chemical of Concern: MLN Code: SURVEY, IN VITRO.
- Yang, R. H., Huff, J., Germolec, D. R., Luster, M. I., Simmons, J. E., and Seely, J. C. (1989). Biological Issues in Extrapolation. *Ragsdale, n. N. And r. E. Menzer (ed.). Acs (american chemical society) symposium series, 414. Carcinogenicity and pesticides: principles, issues, and relationships* 196th national meeting of the american chemical society, los angeles, california, usa, september 25-30, 1988. Vii+246p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1703-3.; 0: 142-163.
Chem Codes: Chemical of Concern: MLN Code: REVIEW.
- Yao, J., Wang, Z., Jiao, S., Zheng, Y., Zhao, J. , Gao, X., and Liang, T. T. (1992). A Complete Set of Procedure for Determination of Multiresidue of Pesticides in Vegetables. *J environ sci (china)* 4: 106-116.
Chem Codes: Chemical of Concern: MLN Code: METHODS.
- Yao Me-Chi and Lo Kang-Chen (1994). Phoxim Resistance in Rhyzopertha Dominica Fabricius in Taiwan. *Chinese Journal of Entomology [CHIN. J. ENTOMOL./ZHONGHUA KUNCHONG]*. Vol. 14, no. 3, pp. 331-341. 1994.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Yao, Yuan, Tuduri, Ludovic, Harner, Tom, Blanchard, Pierrette, Waite, Don, Poissant, Laurier, Murphy, Clair, Belzer, Wayne, Aulagnier, Fabien, Li, Yi-Fan, and Sverko, Ed (2006). Spatial and Temporal Distribution of Pesticide Air Concentrations in Canadian Agricultural Regions. *Atmospheric Environment* 40: 4339-4351.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Yap, H. H., Chong, N. L., Foo, A. Es, and Lee, C. Y. (1994). Dengue Vector Control Present Status and Future Prospects. *Kaohsiung journal of medical sciences* 10: S102-s108.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yarbrough, J. D., Chambers, J. E., and Robinson, K. M. (1982). Alterations in Liver Structure and Function Resulting From Chronic Insecticide Exposure. In: *J.E.Chambers and J.D.Yarbrough (Eds.), Effects of Chronic Exposures to Pesticides on Animal Systems*, Raven Press, NY 25, 54-59.
Chem Codes: Chemical of Concern: DDT,MLN,Hg,DLD,CHD,PPB Code: REVIEW.

- Yasutomi, K., Urabe, K. I., and Wada, Y. (1986). Insecticide-Resistance of *Anopheles Sinensis* and *Culex Tritaeniorhynchus* in Saitama Prefecture, Japan. *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 37, no. 4, pp. 357-362. 1986.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Yawetz, A., Zook-Rimon, Z., and Dotan, A. (1993). Cholinesterase Profiles in Two Species of Wild Birds Exposed to Insecticide Sprays in Their Natural Habitat. *Arch insect biochem physiol* 22: 501-509.
Chem Codes: Chemical of Concern: MLO Code: SURVEY.
- Yeary, R. A. and Leonard, J. A. (1993). Measurement of Pesticides in Air During Application to Lawns Trees and Shrubs in Urban Environments. *Racke, k. D. And a. R. Leslie (ed.). Acs symposium series, 522. Pesticides in urban environments: fate and significance* 203rd national meeting of the american chemical society, san francisco, california, usa, april 5-10, 1992. Xii+378p. American chemical society: washington, dc, usa. Isbn 0-8412-2627-x.; 0: 275-281.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Yenigun, O. and Sohtorik, D. (1995). Calculations With the Level Ii Fugacity Model for Selected Organophosphorus Insecticides. *Water air and soil pollution* 84: 175-185.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Yeomans, J. C. and Bremner, J. M. (1985). Denitrification in Soil: Effects of Insecticides and Fungicides. *Soil Biology and Biochemistry* 17: 453-456.
Chem Codes: Chemical of Concern: MLN Code: BACTERIA.
- Yess, N. J. (1988). Fda Pesticide Program Residues in Foods 1987. *J assoc off anal chem* 71: 156a-174a.
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Yess, N. J., Gunderson, E. L., and Roy, R. R. (1993). U.s. Food and Drug Administration Monitoring of Pesticide Residues in Infant Foods and Adult Foods Eaten by Infants/Children. *J aoac int* 76: 492-507.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Yi, X., Hua, Q., and Lu, Y. (2006). Determination of Organophosphorus Pesticide Residues in the Roots of *Platycodon grandiflorum* by Solid-Phase Extraction and Gas Chromatography with Flame Photometric Detection. *J.AOAC Int.* 89: 225-231.
Chem Codes: Chemical of Concern: DDVP,MTM,MVP,PRT,OMT,DZ,DS,DMT,MP,MLN,ETN Code: METHODS.
- Yildirim, I. and Oezcan, H. (2007). Determination of Pesticide Residues in Water and Soil Resources of Troia (Troy). *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]*. Vol. 16, no. 1, pp. 63-70. 2007.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Yonezawa, M. and Satoh, T. (1990). The Significant Decrease of the Liver Microsomal Carboxylesterase Isozymes Rh1 After Diethylnitrosamine Treatment in Rats. *Seventeenth annual meeting of the japanese society of toxicological sciences, nagoya, japan, june 13-14, 1990. J toxicol sci* 15: 207.
Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.
- Yoshioka, Y., Mizuno, T., Ose, Y., and Sato, T. (1986). The Estimation for Toxicity of Chemicals on Fish by Physico-Chemical Properties. *Chemosphere* 15: 195-204.
Chem Codes: Chemical of Concern: MLN Code: MODELING.
- Younglove, T. and Mccool, P. M. (1994). Droplet Size Characterization of Three Aerial Malathion Spray Programs. *Bulletin of environmental contamination and toxicology* 53: 493-500 .
Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.
- Younos, T. M. and Weigmann, D. L. (1988). Pesticides a Continuing Dilemma. *J water pollut control fed* 60: 1199-

1205.

Chem Codes: Chemical of Concern: MLN Code: REVIEW.

Yu, C. and Hu, B. (Sol-Gel Polydimethylsiloxane/Poly(Vinylalcohol)-Coated Stir Bar Sorptive Extraction of Organophosphorus Pesticides in Honey and Their Determination by Large Volume Injection Gc. *J Sep Sci.* 2009, Jan; 32(1):147-53. [*Journal of separation science*].

Chem Codes: Chemical of Concern: MLN Code: FOOD,CHEM METHODS.

Yu, S. J. (1996). Insect Glutathione S-Transferases. *Zoological studies* 35: 9-19.

Chem Codes : Chemical of Concern: MLN Code: IN VITRO.

Yuknavage, K. L., Fenske, R. A., Kalman, D. A., Keifer, M. C., and Furlong, C. E. (1997). Simulated Dermal Contamination With Capillary Samples and Field Cholinesterase Biomonitoring. *Journal of toxicology and environmental health* 51: 35-55.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Yurk, J. J., Barron, M. G., and Society of Environmental Toxicology and Chemistry, Pensacola (USA) (1992). Mechanism of Species Sensitivity to Organophosphorothioate Insecticides. 13. *Annu. Meet. Society of Environmental Toxicology and Chemistry (SETAC 92), Cincinnati (USA), 8-12 Nov 1992; Abstracts.*

Chem Codes: Chemical of Concern: MLN Code: ABSTRACT.

Zabotkina, E. A. and Mikryakov, V. R. (1996). The Effect of Carbophos on the Immunocompetent Cells and the Spleen Structure in the Carp Cyprinus Carpio. *Tsitologiya* 38: 551-554 (RUS) (ENG ABS).

Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.

Zadrozinska, J. (Determination of Malathion and Malaoxon in Fruits and Vegetables. *Rocz. Panstw. Zakl. Hig.*; 23(1): 23-28; 1972 ; (ref:17).

Chem Codes: Chemical of Concern: MLO Code: METHODS.

Zahm, S. H., Weisenburger, D. D., Saal, R. C., Vaught, J. B., Babbitt, P. A., and Blair, A. (1993). The Role of Agricultural Pesticide Use in the Development of Non-Hodgkin's Lymphoma in Women. *Archives of environmental health* 48: 353-358.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Zahm, S. Hoar (1997). Mortality Study of Pesticide Applicators and Other Employees of a Lawn Care Service Company. *Journal of occupational and environmental medicine* 39: 1055-1073.

Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.

Zakaria, M., Mahyudin, A., and Kirton, L. G. (1992). Pests and Diseases of Rattans. Mohd, w. R. W., J. Dransfield and n. Manokaran (ed.). *Malayan forest record, no. 35. A guide to the cultivation of rattan. Xxiii+293p. Forest research institute (malaysia): kepong, malaysia. Isbn 983-9595-10-5. 0: 127-141 .*

Chem Codes: Chemical of Concern: MLN Code: NO TOX DATA.

Zatsepin, E. P., Churaev, N. N., Uspenskaja, T. A., Tirzit, G. D., and Dubur, G. Y. (1990). Influence of Antioxidants Upon the Membrano-Toxicity of Cholinesterase Inhibitors. *Byulleten Eksperimental'noi Biologii I Meditsiny [BYULL. EKSP. BIOL. MED.]*. Vol. 110, no. 12, pp. 623-624. 1990.

Chem Codes: Chemical of Concern: MLN Code : NON-ENGLISH.

Zeeman, M. G. and Brindley, W. A. (1981). Effects of Toxic Agents upon Fish Immune Systems: A Review. In: R.P.Sharma (Ed.), *Immunologic Consideration in Toxicology, Vol.2, CRC Press, Boca Raton, FL* 1-60.

Chem Codes: EcoReference No.: 117311

Chemical of Concern:

PCB,PCP,24D,MLT,EDT,DU,DQT,DBN,ATZ,CBL,AZ,DMT,CdCl,CuS,ZnS,Pb,Hg,DDT,DLD,ES,EN,H
PT,MLN,MP,DZ Code: REFS CHECKED/REVIEW.

- Zeiger, E. (Carcinogenicity of Mutagens: Predictive Capability of the Salmonella Mutagenesis Assay for Rodent Carcinogenicity. *Cancer res* 47:1287-1296,1987: *CANCER RES*.
Chem Codes: Chemical of Concern: MLO Code: METHODS.
- Zeiger, E., Anderson, B., Haworth, S., Lawlor, T., and Mortelmans, K. (Salmonella Mutagenicity Tests. 4.results From the Testing of 300 Chemicals. *Environ mol mutagen* 11(suppl 12):1-158,1988: *ENVIRON MOL MUTAGEN*.
Chem Codes: Chemical of Concern: MLO Code: BACTERIA.
- Zeljezic, Davor and Garaj-Vrhovac, Vera (2002). Sister Chromatid Exchange and Proliferative Rate Index in the Longitudinal Risk Assessment of Occupational Exposure to Pesticides. *Chemosphere* 46: 295-303.
Chem Codes : Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zhamsaranova, S. D., Banayeva, S. A., and Baglayev, T. N. (1990). Effects of Pesticides on Formation of Specific T Suppressors. *Gigiena i Sanitariya [GIG. SANIT.]*. no. 9, pp. 72-75. 1990.
Chem Codes: Chemical of Concern: MLN Code: NON-ENGLISH.
- Zhang, A. and Liu, W. (Inclusion Effect of Alpha-Cyclodextrin on Chemical Degradation of Malathion Water. *Arch environ contam toxicol*. 2008, apr; 54(3):355-62. [*Archives of environmental contamination and toxicology*]: *Arch Environ Contam Toxicol*.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zhang, A. P., Luo, F., Chen, S. W., and Liu, W. P. (Effects of Cyclodextrins on Hydrolysis of Malathion. *J environ sci (china)*. 2006; 18(3):572-6. [*Journal of environmental sciences (china)*]: *J Environ Sci (China)*.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zhang, B., Pan, X., Venne, L., Dunnum, S., Mcmurry, S. T., Cobb, G. P., and Anderson, T. A. (Development of a Method for the Determination of 9 Currently Used Cotton Pesticides by Gas Chromatography With Electron Capture Detection. *Talanta*. 2008, May 30; 75(4):1055-60. [*Talanta*].
Chem Codes: Chemical of Concern: MLN Code : CHEM METHODS.
- Zhang Jian-Liang, Qiao Chuan-Ling, and Lan Wen-Sheng (2005). Purification and Some Characteristics of Recombinant Insecticide-Resistant Mosquito Carboxylesterase B1 Expressed in Escherichia Coli. *Enzyme and Microbial Technology [Enzyme Microb. Technol.]*. Vol. 36, no. 5-6, pp. 648-653. Apr 2005.
Chem Codes: Chemical of Concern: MLN Code: IN VITRO.
- Zhang, Y., Zhu, G., Ju, Z., and Xu, B. (1999). Studies on the Sensitivity of Liriomyza sativae Larvae to Insecticides. *Plant Prot.Bull.(Taichung)* 25: 10-11 (CHI) (ENG ABS).
Chem Codes: Chemical of Concern: MLN,ACP,MOM,CBF,DDVP,DM,CYP Code: NON-ENGLISH.
- Zhang, Z., Dai, M., Hong, H., Zhou, J. L., and Yu, G. (2002). Dissolved Insecticides and Polychlorinated Biphenyls in the Pearl River Estuary and South China Sea. *Journal of Environmental Monitoring [J. Environ. Monit.]*. Vol. 4, no. 6, pp. 922-928. Dec 2002.
Chem Codes: Chemical of Concern: MLN Code: FATE, NO EFFECT.
- Zhao, X. and Hwang, H. M. (A Study of the Degradation of Organophosphorus Pesticides in River Waters and the Identification of Their Degradation Products by Chromatography Coupled With Mass Spectrometry. *Arch Environ Contam Toxicol*. 2009, May; 56(4):646-53. [*Archives of environmental contamination and toxicology*].
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zhou, Jun L., Fileman, Tim W., Evans, Sheila, Donkin, Peter, Mantoura, R. Fauzi C., and Rowland, Steve J. (1996). Seasonal Distribution of Dissolved Pesticides and Polynuclear Aromatic Hydrocarbons in the Humber Estuary and Humber Coastal Zone. *Marine Pollution Bulletin* 32: 599-608.
Chem Codes: Chemical of Concern: MLN Code: FATE.

- Zhu Xiaoshan, Meng Fanping, He Donghai, and Yang ZHengxian (2004). A Study on the Feasibility of Monitoring Organophosphorus Pesticides in Seawater Using Ache in Marine Fish: *Lateolabrax Japonicus* (Cuvier). *Transactions of oceanology and limnology/Haiyang Huzhao Tongbao [Trans. Oceanol. Limnol./Haiyang Huzhao Tongbao]*. no. 1, pp. 68-73. 2004.
Chem Codes: Chemical of Concern: MLN Code : NON-ENGLISH.
- Zimmerman, L. R., Strahan, A. P., and Thurman, E. M. (Method of Analysis and Quality-Assurance Practices by the U.S. Geological Survey Organic Geochemistry Research Group-Determination of Four Selected Mosquito Insecticides and a Synergist in Water Using Liquid-Liquid Extraction and Gas Chromatography/Mass Spectrometry. *Govt reports announcements & index (gra&i)*, issue 15, 2004 .
Chem Codes: Chemical of Concern: MLN Code: CHEM METHODS.
- Zine, E. A., Salghi, R., Bazzi, L., Hormatallah, A., Addi, E. H. A., Oubahou, A. A., and Chaabene, H. (2006). Persistence of Pesticides Applied Pre-Harvest on Citrus Fruits. *Fresenius Environmental Bulletin*, 15 (4) pp. 255-258, 2006.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Zohair, A. (2001). Behaviour of Some Organophosphorus and Organochlorine Pesticides in Potatoes During Soaking in Different Solutions. *Food and Chemical Toxicology* 39: 751-755.
Chem Codes: Chemical of Concern: MLN Code: FATE.
- Zongmao, C. and Haibin, W. (1988). Factors Affecting Residues of Pesticides in Tea. *Pestic sci* 23: 109-118.
Chem Codes: Chemical of Concern: MLN Code: HUMAN HEALTH.
- Zongmao, C. and Xuefen, C. (1990). Chemical Control of Pests and Diseases in Tea Production in China: Progress and Strategy. *Trop agric* 67: 363-367.
Chem Codes: Chemical of Concern: MLN Code: METHODS .
- Zoun, P. Ef and Spierenburg, T. J. (1989). Determination of Cholinesterase-Inhibiting Pesticides and Some of Their Metabolites in Cases of Animal Poisoning Using Thin-Layer Chromatography. *J chromatogr* 462: 448-453.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Zuin, V. G., Yariwake, J. H., and Bicchi, C. (2003). Fast Supercritical Fluid Extraction and High-Resolution Gas Chromatography With Electron-Capture and Flame Photometric Detection for Multiresidue Screening of Organochlorine and Organophosphorus Pesticides in Brazil's Medicinal Plants. *Journal of Chromatography A*, 985 (1-2) pp. 159-166, 2003.
Chem Codes: Chemical of Concern: MLN Code: SURVEY.
- Zulin, Zhang, Huasheng, Hong, Xinhong, Wang, Jianqing, Lin, Weiqi, Chen, and Li, Xu (2002). Determination and Load of Organophosphorus and Organochlorine Pesticides at Water From Jiulong River Estuary, China. *Marine Pollution Bulletin* 45: 397-402.
Chem Codes: Chemical of Concern: MLN Code : FATE, METHODS.
- Zweig, G. (1973). Pesticide Residues in Food. (With Special Reference to Toxicology and Environmental Problems). *Qual.Plant-Pl.Foods Hum.Nutr.* 23: 77-112.
Chem Codes: EcoReference No.: 117199
Chemical of Concern:
MXC,ES,DZ,MLN,DDT,DLD,DDVP,CBL,HCCH,AND,EN,ASTO,Ziram,HPT,PNB,CHD,PRN Code:
REVIEW.

IV. Papers on Toxicity to Target Pest Species

A. October 2008 Refresh

Abu, J. F. and Ellis, C. R. (1977). Toxicity of Five Insecticides to the Alfalfa Weevil, *Hypera postica*, and Its Parasites, *Bathyplectes curculionis* and *Microctonus aethiopoides*. *Environ.Entomol.* 6: 385-389.

EcoReference No.: 98004

Chemical of Concern: CBF,CBL,MLN,PSM,MXC; Habitat: T; Effect Codes: MOR; Code: EFFICACY(PSM),TARGET(CBF,MLN).

Ahmed, S. and Wilkins, R. M. (2002). Studies on Some Enzymes Involved in Insecticide Resistance in Fenitrothion-Resistant and -Susceptible Strains of *Musca domestica* L. (Dipt, Muscidae). *J.Appl.Entomol.* 126: 510-516.

EcoReference No.: 103047

Chemical of Concern: TBF,FNT,PPB,MLN,PMR; Habitat: T; Effect Codes: BCM,MOR; Code: TARGET(FNT,MLN,PMR),NO MIXTURE(PPB,TBF).

Armstrong, J. S., Showler, A. T., Setamou, M., and Greenberg, S. (2006). Sublethal Effects of Malathion on Boll Weevil (Coleoptera: Curculionidae) Fecundity when Maintained on Cotton Squares or Artificial Diet. *Insect Sci.* 13: 287-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Assie, L. K., Francis, F., Gengler, N., and Haubruge, E. (2007). Response and Genetic Analysis of Malathion-Specific Resistant *Tribolium castaneum* (Herbst) in Relation to Population Density. *J.Stored Prod.Res.* 43: 33-44.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Babaian, G. A. (1986). Scale Insects of Stone Fruit Crops and Control Measures Against Them. In: *5th Int.Symp.on Scale Insect Studies, Jun.24-28, 1986, Portici, Italy, Boll.Lab.Entomol.Agrar.Filippo Silvestri* 43: 133-138.

Chemical of Concern: MLN; Habitat: T; Code: CROP(MLN).

Bacci, L., Crespo, A. L. B., Galvan, T. L., Pereira, E. J. G., Picanco, M. C., Silva, G. A., and Chediak, M. (2007). Toxicity of Insecticides to the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) and Its Natural Enemies. *Pest Manag.Sci.* 63: 699-706 .

EcoReference No.: 102813

Chemical of Concern: ABM,ACP,ACT,BFT,MLN,CYP,DM,ESV,EFV,FNT,FNTH,PRM,MTN,IMC; Habitat: T; Effect Codes: MOR; Code: TARGET(ACP,FNT,MLN,BFT,CYP,EFV,IMC,MTM,PMR).

Balkew, M., Elhassen, I., Ibrahim, M., Gebre-Michael, T., and Engers, H. (2006). Very high DDT-Resistant Population of *Anopheles pharoensis* Theobald (Diptera: Culicidae) from Gorgora, Northern Ethiopia. *Parasite* 13: 327-329.

EcoReference No.: 104911

Chemical of Concern: MLN,DDT,PMR,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,PMR,DM).

Bareth, S. S. and Gupta, H. C. (1989). Efficacy of Six Insecticides for the Protection of Stored Wheat Seeds Against *Rhizopertha dominica* (Fab.). *Seed Res.* 17: 43-46.

EcoReference No.: 93042

Chemical of Concern: DM,CYP,FNV,FNT,CPY,MLN; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY(CYP,FNT,MLN,DM,CPY,FNV).

Bhanot, J. P. and Verma, A. N. (1978). Effectiveness of Three Granular Systemic Insecticides Applied by Different Methods and Malathion Sprays on Aphid Control and Seed Yield of Radish. *Seed Res.* 6: 48-57.

Chemical of Concern: DS, MLN; Habitat: T; Code: EFFICACY (DS),TARGET,CROP(MLN).

Biddinger, D. J., Hull, L. A., and McPherson, B. A. (1996). Cross-Resistance and Synergism in Azinphosmethyl Resistant and Susceptible Strains of Tufted Apple Bud moth (Lepidoptera: Tortricidae) to Various Insect Growth Regulators and Abamectin. *J.Econ.Entomol.* 89: 274-287.

EcoReference No.: 92696

Chemical of Concern: DEM,PPB,HFR,ABM,TBF,AZ,MLN,TUZ,DFZ,FYC; Habitat: T; Effect Codes: MOR; Code: TARGET(AZ,MLN,FYC,TUZ),NO MIXTURE(TBF,PPB) .

Binns, T. J. (1983). Evaluation of Insecticides Against a Malathion-Resistant and a Susceptible Strain of the Rice Weevil, *Sitophilus-oryzae*. *Ann.Appl.Biol.* 102: 30-31.

Chemical of Concern: MLN; Habitat: T; Code: TARGET (MLN).

Brogdon, W. G., Beach, R. F., Barber, A. M., and Cordon-Rosales, C. (1992). A Generalized Approach to Detection of Organophosphate Resistance in Mosquitoes. *Med.Vet.Entomol.* 6: 110-114.

EcoReference No.: 103789

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(FNT,MLN).

Brown, L. R., Eads, C. O., Crisp, C. E., and Page, M. (1979). Control of a Jeffrey Pine Needleminer by Spraying and Trunk Implantation and Resultant Acephate Residues. *J.Econ.Entomol.* 72: 51-54.

EcoReference No.: 99767

Chemical of Concern:

CBF,DS,RSM,TCF,CBL,MXC,ACP,DMT,PMR,PSM,PHSL,CPY,HCCH,FNT,MLN,DZ; Habitat: T; Effect Codes: ACC,POP,MOR; Code: TARGET(CBF,DS,RSM,TCF,CBL,ACP,DMT,PMR,PSM,MLN,FNT,DZ,CPY).

Buntin, G. D., Flanders, K. L., Slaughter, R. W., and DeLamar, Z. D. (2004). Damage Loss Assessment and Control of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Winter Wheat. *J.Econ.Entomol.* 97: 374-382.

EcoReference No.: 100712

Chemical of Concern: SS,MP,MOM,MLN,CYH,DS,CBF,CBL; Habitat: T; Effect Codes: GRO,POP,PHY; Code: EFFICACY(MP,MOM,MLN,CBF,CBL,DS).

Buxton, J. H. and Macdonald, O. C. (1994). Chemical Control of the South American Leaf Miner, *Liriomyza huidobrensis*. In: *Brighton Crop Prot.Conf.-Pests and Diseases* 2: 731-736.

EcoReference No.: 97423

Chemical of Concern: DMT,ABM,CYR,TCF,MLN; Habitat: T; Effect Codes: MOR,REP,POP; Code: TARGET(DMT,CYR,MLN,TCF).

Casimir, M. (1968). Control of Grasshoppers (*Phaulacridium vittatum*) by Ultra-low Volume Aerial Application of Technical Maldison. *Aust.J.Exp.Agric.Anim.Husb.* 8: 631-636.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Casimiro, S., Coleman, M., Hemingway, J., and Sharp, B. (2006-). Insecticide Resistance in *Anopheles arabiensis* and *Anopheles gambiae* from Mozambique. *J.Med.Entomol.* 43: 276-282.

EcoReference No.: 94048

Chemical of Concern: LCYT,DM,PMR,BDC,PPX,MLN,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(MLN).

Casimiro, S., Coleman, M., Mohloai, P., Hemingway, J., and Sharp, B. (2006-). Insecticide Resistance in *Anopheles funestus* (Diptera: Culicidae) from Mozambique. *J.Med.Entomol.* 43: 267-275.

EcoReference No.: 94049

Chemical of Concern: LCYT,DM,PMR,BDC,PPX,MLN,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(MLN).

Christie, P. T. and Wright, D. J. (1990). Activity of Abamectin Against Larval Stages of *Spodoptera littoralis* Boisduval and *Heliothis armigera* Hubner (Lepidoptera: Noctuidae) and Possible Mechanisms Determining Differential Toxicity. *Pestic.Sci.* 29: 29-38.

EcoReference No.: 92890

Chemical of Concern: LCYT,PPB,TBF,MLN,ABM; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN),NO MIXTURE(TBF,PPB).

Clarke, S. R., DeBarr, G. L., and Berisford, C. W. (1988). Differential Susceptibility of *Toumeyella pini* (King) (Homoptera: Coccidae) to Pyrethroid and Organophosphate Insecticides: A Factor in Outbreaks in Southern Pine Seed Orchards. *J.Econ.Entomol.* 81: 1443-1445.

EcoReference No.: 93001

Chemical of Concern: ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV; Habitat: T; Effect Codes: MOR; Code: TARGET(ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV) .

Cogburn, R. R. (1981). Comparison of Malathion and Three Candidate Protectants Against Insect Pests of Stored Rice and Advantages of Encapsulations. *Southwest.Entomol.* 6: 38-43.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Collins, P. J. (1990). A new Resistance to Pyrethroids in *Tribolium castaneum* (Herbst). *Pestic.Sci.* 28: 101-115.

EcoReference No.: 93114

Chemical of Concern:

SMT,MTPN,MLN,CPYM,BRSM,CBL,CYF,PPB,TBF,CYP,FNV,FVL,CYH,DM,FNT,CYT,PIRM;

Habitat: T; Effect Codes: MOR,REP; Code: NO

MIXTURE(TBF,PPB),TARGET(SMT,MTPN,CPYM,BRSM,CBL,CYF,CYP,FNV,FVL,PIRM,FNT,MLN) .

Elliott, R. H. (1988). Evaluation of Insecticides for Protection of Wheat Against Damage by the Wheat Midge, *Sitodiplosis mosellana* (Gehin) (Diptera: Cecidomyiidae). *Can.Entomol.* 120: 615-626.

EcoReference No.: 92751

Chemical of Concern: CPY,PMR,DMT,DM,CYP,MXC,CBF,MLN,ES; Habitat: T; Effect Codes: POP,GRO; Code: LITE EVAL CODED(CBF,CPY,ES),OK(PMR,DMT,CYP),EFFICACY(MLN).

Gao, J. R., Yoon, K. S., Frisbie, R. K., Coles, G. C., and Clark, J. M. (2006). Esterase-Mediated Malathion Resistance in the Human Head Louse, *Pediculus capitis* (Anoplura: Pediculidae). *Pestic.Biochem.Physiol.*

85: 28-37.

EcoReference No.: 98906

Chemical of Concern: TBF,PPB,PMR,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(PMR,MLN),NO MIXTURE(TBF,PPB).

Gayathri, V. and Murthy, P. B. (2006). Reduced Susceptibility to Deltamethrin and KDR Mutation in Anopheles stephensi Liston, a Malaria Vector in India. *J.Am.Mosq.Control Assoc.* 22: 678-688.

EcoReference No.: 99907

Chemical of Concern: DM,PMR,LCYT,CYF,MLN,DDT,PPX; Habitat: AT; Effect Codes: MOR,CEL; Code: TARGET(PMR,MLN).

Gera, R. and Gupta, D. S. (1978). Potentiation of Malathion by Other Insecticides Against Musca domestica. *Pestic.Sci.* 9: 151-154.

Chemical of Concern: DS, MLN; Habitat: T; Code: TARGET (DS,MLN).

Harris, C. R., Svec, H. J., Tolman, J. H., and Chapman, R. A. (1983). Laboratory and Field Studies on the Effectiveness and Persistence of Some Insecticides Used to Control the Tomato Hornworm. *Tob.Int.* 185: 178-182.

EcoReference No.: 99406

Chemical of Concern:

TCF,DM,CYP,FNV,PMR,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES,AZ,PSM,MLN; Habitat: T; Effect Codes: ACC,MOR; Code: TARGET(TCF,MVP,ACP,CPY,CBL,MTM,Naled,MOM,CPYM,ES,AZ,PSM,MLN)OK(DM,CYP,FNV,PMR).

Hemingway, J. (1995). Efficacy of Etofenprox Against Insecticide Susceptible and Resistant Mosquito Strains Containing Characterized Resistance Mechanisms. *Med.Vet.Entomol.* 9: 423-426.

EcoReference No.: 97683

Chemical of Concern: MLN,EFX,DDT,PMR; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,EFX,PMR).

Hemingway, J., Callaghan, A., and Amin, A. M. (1990). Mechanisms of Organophosphate and Carbamate Resistance in Culex quinquefasciatus from Saudi Arabia. *Med.Vet.Entomol.* 4: 275-282.

EcoReference No.: 101220

Chemical of Concern: CPY,TMP,FNTH,FNT,PIRM,MLN,PPX,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(CPY,TMP,MLN,PIRM).

Inoue, K. (1987). 1986 Evaluation of Candidate Pesticides a-III Insecticides Fruit Trees. *Jpn.Pestic.Inf.* 50: 28-29.

Chemical of Concern: MLN,TDC,CTZ,EFV,PSM; Habitat: T; Code: EFFICACY(PSM,MLN).

Jhala, R. C., Patel, Z. P., Patel, K. G., Patel, M. B., and Patel, C. B. (1993). Chemical Control of Bud Boring Insects, Anarsia achrasella Bradley and Nephopteryx eugraphella Ragonot on Sapota. *Int.Pest Control* 35: 75-77.

EcoReference No.: 93223

Chemical of Concern: MLN,FNTH,ES,CBL,PHSL,PMR,FNV; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES),TARGET(MLN,FNTH,CBL,PHSL,FNV),OK(PMR).

Joia, B. S. and Kalra, R. L. (1974). Note on the Dissipation of Ultra-low-Volume Formulations of Endosulfan, Fenitrothion, Fenthion and Malathion on Okra. *Indian.J.Agric.Sci.* 44: 897-898.

Chemical of Concern: FNT, MLN; Habitat: T; Code: CROP(MLN).

Kashyap, N. P. and Walia, P. C. (1984). Dissipation of Malathion and Fenitrothion Residues on Okra Fruits. *In: A.Regupathy, K.Rajukkannu, and S.Chelliah (Eds.), Proc.Pesticides and Environment Seminar, INAU, Aug.4-5, Dep.Agric.Entomol.Ctr.for Plant Prot.Stud., Coimbatore* 23-25.

Chemical of Concern: FNT, MLN; Habitat: T; Code: CROP(MLN).

Keith, J. O. (1963). Malathion Treatment of Lodgepole Pine Needle Miner. *Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildl.Serv., U.S.D.I., Fish and Wildl.Circ.No.226* 77 p.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kishore, P. (1988). Efficacy of Fenvalerate Dust and Its Comparison with Recommended Endosulfan Dust Against Stem Borer on Sorghum. *Pesticides* 22: 38-41.

EcoReference No.: 92821

Chemical of Concern: FNV,MLN,ES; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES),EFFICACY(FNV,MLN).

Kumar, R., Mahla, J. C., and Kumar, V. (1994). Effect of Gunnybag Treatment with Insecticides and Plant Extracts Against Insect-Pests of Stored Rice. *Ann.Biol.* 10: 51-54.

EcoReference No.: 93071

Chemical of Concern: DDVP,CYP,FNV,MLN,FNT; Habitat: T; Effect Codes: POP; Code: TARGET(MLN,FNV,DDVP,FNT).

Kumar, S., Kumar, S., and Singh, P. K. (2005). Toxicity of Malathion Against Cabbage Butterfly *Pieris brassicae* Linn. (Lepidoptera: Pieridae) on Cabbage. *Ann.Biol.* 21: 207-208.

Chemical of Concern: MLN; Habitat: T; Code: EFFICACY(MLN).

Lemon, R. W. (1966). Laboratory Evaluation of Some Organophosphorus Insecticides Against *Tribolium confusum* Duv. and *T. castaneum* (Hbst.) (Coleoptera, Tenebrionidae). *J.Stored Prod.Res.* 1: 247-253.

Chemical of Concern: PSM, DMT, MLN, DZ; Habitat: T; Code: TARGET (PSM,DZ,DMT,MLN).

Leonova, I. N. and Slynko, N. M. (2004). Life Stage Variations in Insecticidal Susceptibility and Detoxification Capacity of the Beet Webworm, *Pyrausta sticticalis* L. (Lep., Pyralidae). *J.Appl.Entomol.* 128: 419-425.

EcoReference No.: 100430

Chemical of Concern: MP,MPO,MLN,CPYM,PIRM,FNT,DZ,CBL,FNV,PMR,PTPMR,BRSM,PPB,ES; Habitat: T; Effect Codes: MOR,ACC; Code: LITE EVAL CODED(ES),TARGET(MP,MPO,MLN,CPYM,PIRM,FNT,DZ,CBL,FNV,BRSM),OK(PMR,PTPMR,PPB ,FNT).

Lockwood, L. M., Majumder, S. K., and Lineback, D. R. (1974). Degradation of Organophosphate Pesticides in Cereal Grains During Milling and Cooking in India. *Cereal Sci.Today* 19: 330-333.

EcoReference No.: 101303

Chemical of Concern: MLN,TVP; Habitat: T; Effect Codes: ACC,MOR; Code: TARGET(TVP,MLN).

Lyons, D. B., Helson, B. V., Jones, G. C., and McFarlane, J. W. (1993). Development of a Chemical Control Strategy for the Pine False Webworm, *Acantholyda erythrocephala* (L.) (Hymenoptera: Pamphiliidae).

Can.Entomol. 125: 499-511.

EcoReference No.: 99803

Chemical of Concern: PPX,ACP,MLN,CBL,PMR,DMT,DZ,CPY; Habitat: T; Effect Codes: POP,REP,MOR; Code: TARGET(ACP,MLN,CBL,PMR,DMT,DZ,CPY).

Mali, A. R., Rajput, S. G., and Mogal, B. H. (1985). Relative Efficacy of Insecticides Against Onion Thrips (Thrips tabaci, Lindemann). *Pesticides (Bombay)* 19: 34-35.

EcoReference No.: 95187

Chemical of Concern: FNT,MP,MLN,PPHD,CBL,DMT,HCCH,ES,DEM; Habitat: T; Effect Codes: POP; Code: EFFICACY(MP,MLN,CBL,DMT,FNT,ES).

Matsumura, F. and Hogendijk, C. J. (1964). The Enzymatic Degradation of Malathion in Organophosphate-Susceptible and -Resistant Houseflies. *J.Agric.Food Chem.* 12: 447-452.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mayer, D. F. and Bradley, S. J. (1995). Apple Aphid Control, 1994. *Arthropod Manag.Tests* 20: 30 (41A).

EcoReference No.: 98066

Chemical of Concern: FTTCL,MOM,YN,MLN,MXC,FPN; Habitat: T; Effect Codes: POP; Code: TARGET(MOM,MLN).

Mizell III, R. F. and Schiffhauer, D. E. (1990). Effects of Pesticides on Pecan Aphid Predators Chrysoperla rufilabris (Neuroptera: Chrysopidae), Hippodamia convergens, Cycloneda sanguinea (L.), Olla v-nigrum (Coleoptera: Coccinellidae), and Aphelinus perpallidus (Hymenoptera: Encyrtidae). *J.Econ.Entomol.* 83: 1806-1812.

EcoReference No.: 93318

Chemical of Concern:

FVL,ETN,DEM,DDVP,CBL,MOM,AZ,MLN,DMT,CPY,DZ,PRN,BMY,FNV,CYP,PHSL,ES,HCCH,DC F; Habitat: T; Effect Codes: MOR; Code: TARGET(FVL,DDVP,CBL,AZ,MLN,DMT,CPY,DZ,BMY,FNV,CYP,ES,DCF).

Mukiama, T. K. and Wood, R. J. (1987). Influence of DEF on the Action of Malathion Against Male and Female Ceratitis capitata (Diptera: Tephritidae). In: A.P.Economopoulos (Ed.), *Fruit Flies, 2nd Int.Symp.held in Conjunction with the Int.Atomic Energy Agency's Fruit Fly Genetic Sexing Res.Coord.Meet, Sept 16-21,1986.Elsevier Science Pub., Amsterdam, Netherlands* 235-240.

EcoReference No.: 92643

Chemical of Concern: TBF,MLN; Habitat: T; Effect Codes: MOR; Code: OK TARGET(MLN),NO MIXTURE(TBF).

Norment, B. R. and Chambers, H. W. (1970). Joint Actions in Organophosphorus Poisoning in Boll Weevils. *J.Econ.Entomol.* 63: 499-502.

EcoReference No.: 92832

Chemical of Concern: AZ,MP,MLN,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(TBF),TARGET(AZ,MP,MLN).

Norment, B. R. and Chambers, H. W. (1970). Temperature Relationships in Organophosphorus Poisoning in Boll Weevils. *J.Econ.Entomol.* 63: 502-504.

EcoReference No.: 93245

Chemical of Concern: MP,AZ,MLN,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL

CODED(TBF),TARGET(MP,AZ,MLN).

O'Brien, R. D. (1956). The Inhibition of Cholinesterase and Succinoxidase by Malathion and Its Isomer. *J.Econ.Entomol.* 49: 484.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Osaba, L., Aguirre, A., Alonso, A., and Graf, U. (1999). Genotoxicity Testing of Six Insecticides in Two Crosses of the Drosophila Wing Spot Test. *Mutat.Res.* 439: 49-61.

EcoReference No.: 93197

Chemical of Concern: DMBA,PAH,NSO,DLD,MLN,PPB,EN,DMT; Habitat: T; Effect Codes: CEL; Code: NO COC(ANT,PMR),OK TARGET(DMT,MLN),OK(PPB) .

Ozaki, K. and Kassai, T. (1971). Cross Resistance to Insecticides in Malathion- and Fenitrothion-Resistant Strains of the Smaller Brown Planthopper, *Laodelphax striatellus*. *Bochu Kagaku* 36: 111-116.

Chemical of Concern: DS,FNT,MLN; Habitat: T; Code: TARGET (DS,MLN,FNT).

Parry, W. H., Edwards, I. D., and Jenkins, T. A. R. (1989). Chemical Control of Sycamore Aphid, *Drepanosiphum platanoidis* (Schr.), with Organophosphorous and Soap Insecticides. *Crop Prot.* 8: 30-36.

EcoReference No.: 102036

Chemical of Concern: FAKS,KO,KLRT,FNT,MLN,DMT; Habitat: T; Effect Codes: MOR,POP,BEH; Code: LITE EVAL CODED(KO,FAKS),TARGET(FNT,MLN,DMT),NO CONTROL(KLRT).

Pasalu, I. C. and Bhatia, S. K. (1974). Laboratory Evaluation of Some Insecticides Against Malathion-Resistant and Susceptible Strains of *Tribolium castaneum*. *Bull.Grain Technol.* 12: 175-179.

Chemical of Concern: DS, MLN; Habitat: T; Code: TARGET (DS,MLN).

Pass, B. C. and Reed, J. K. (1965). Biology and Control of the Spittlebug *Prosapia bicincta* in Coastal Bermuda Grass. *J.Econ.Entomol.* 58: 275-278.

EcoReference No.: 94002

Chemical of Concern: MVP,PRN,MXC,DDT,EN,ES,AZ,MLN,Naled,CBL; Habitat: T; Effect Codes: POP,GRO,MOR; Code: TARGET(CBL,Naled,MLN,AZ,ES).

Plapp, F. W., Orchard, R. D., and Morgan, J. W. (1965). Analogs of Parathion and Malathion as Substitute Insecticides for the Control of Resistant House Flies and the Mosquito *Culex tarsalis*. *J.Econ.Entomol.* 58: 953-956.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Purcell, M. F., Stark, J. D., and Messing, R. H. (1994). Insecticide Effect on Three Tephritid Fruit Flies and Associated Braconid Parasitoids in Hawaii. *J.Econ.Entomol.* 87: 1455-1462.

EcoReference No.: 99616

Chemical of Concern: PMR,MLN,CBL,Naled; Habitat: T; Effect Codes: MOR,GRO,BEH; Code: TARGET(PMR,MLN,CBL,Naled).

Rao, C. G. S. and Rao, P. K. (1988). Effect of Food on the Susceptibility of Rice Weevil *Sitophilus oryzae* Linnaeus to Newer Insecticides. *Pesticides (Bombay)* 22: 17-19.

EcoReference No.: 93007

Chemical of Concern: CYP,DOM,FNV,MLN,FPP; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(CYP,MLN,FNV).

Rawash, I. A., El-Gayar, F. M., Gaaboub, I. A., and El-Shazli, A. Y. (1975). Residue Analysis of DDT, Malathion and Kelthane on Pears. *Toxicology* 4: 157-163.

Chemical of Concern: MLN,DCF,DDT; Habitat: T; Code: EFFICACY (DCF,MLN).

Roy, R. G. and Samson, F. (1979). Results of Insecticide Susceptibility Tests with *Culex gelidus* in Bangalore City. *Indian J.Med.Res.* 70: 715-717.

EcoReference No.: 103905

Chemical of Concern: MLN,PPX,FNT,DDT,DLD,FNTH; Habitat: T; Effect Codes: MOR; Code:
TARGET(FNT,PPX,MLN).

Saito, T. (2004). Insecticide Susceptibility of the Leafminer, *Chromatomyia horticola* (Goureau) (Diptera: Agromyzidae). *Appl.Entomol.Zool.* 39: 203-208.

EcoReference No.: 97572

Chemical of Concern:

MDT,FNT,DDVP,TCF,TLM,EFX,CTD,IMC,TMX,LUF,TUZ,EMMB,SS,MBM,CFP,PMZ,DMT,ACP,M
LN,MOM,PMR,CYR,FPN; Habitat: T; Effect Codes: MOR,GRO; Code:
TARGET(EFX,DMT,ACP,MLN,PMR,CYR,FPN,IMC,MDT,DDVP,TCF,FNT,TUZ),NO
ENDPOINT(TARGET-MOM).

Saleem, M. A. (1986). Toxicity of Fenvalerate Against a Malathion-Resistant and a Susceptible Strain of *Oryzaephilus surinamensis* L. *Biologia (Lahore)* 32: 119-126.

Chemical of Concern: EFV,MLN; Habitat: T; Code: TARGET (EFV,MLN).

Sivori, J. L., Casabe, N., Zerba, E. N., and Wood, E. J. (1997). Induction of Glutathione S-Transferase Activity in *Triatoma infestans*. *Mem.Inst.Oswaldo Cruz* 92: 797-802.

EcoReference No.: 93521

Chemical of Concern: 24D,MLN,TMT,DDT,FNT,24DXY; Habitat: T; Effect Codes: BCM; Code: LITE
EVAL CODED(24D),TARGET(MLN,TMT,FNT).

Skoog, F. E. (1971). Influence of Simulated Rain on Residual of Ultra-low-Volume Applications of Carbaryl and Malathion Against Grasshoppers. *J.Econ.Entomol.* 64: 196-200 .

Chemical of Concern: MLN,CBL; Habitat: T; Code: TARGET(MLN).

Smith, F. F. and Corley, C. (1972). Mexican Bean Beetle, Yields and Residues of Malathion Sprays on Snap Beans. *J.Econ.Entomol.* 65: 288-289.

EcoReference No.: 94528

Chemical of Concern: MLO,MLN; Habitat: T; Effect Codes: ACC,POP,PHY; Code:
EFFICACY(MLN),OK(MLO).

Speirs, R. D., Redlinger, L. M., and Boles, H. P. (1967). Malathion Resistance in the Red Flour Beetle. *J.Econ.Entomol.* 60: 1373-1374.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Spencer, A. G., Price, N. R., and Callaghan, A. (1998). Malathion-Specific Resistance in a Strain of the Rust Red

Grain Beetle *Cryptolestes ferrugineus* (Coleoptera: Cucujidae). *Bull.Entomol.Res.* 88: 199-206.

EcoReference No.: 93117

Chemical of Concern: MLO,MLN,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: OK
TARGET(MLN),NO MIXTURE(TBF,PPB),OK(MLO).

Stanley, R. L., Randolph, N. M., and Teetes, G. L. (1970). Control of the Clover Head Weevil on Crimson Clover. *J.Econ.Entomol.* 63: 256-258.

EcoReference No.: 96680

Chemical of Concern: Naled,MLN,CBL,MP,AZ,PSM,PRN,DZ; Habitat: T; Effect Codes: POP; Code: EFFICACY(Naled,MLN,CBL,MP,AZ,PSM,DZ).

Sun, C. N., Chung, T. C., and Dai, S. M. (1984). Insecticide Resistance in the Brown Planthopper *Nilaparvata lugens* Stal (Homoptera: Delphacidae). *Prot.Ecol.* 7: 167-181.

EcoReference No.: 92971

Chemical of Concern: MOM,CBL,CBF,FNV,PMR,PPX,MP,MLN,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(FNV,CBF,MLN),OK(MOM,CBL,PMR,PPX,MP,DM),NO COC(TBF).

Sweeney, K. J. (1993). Organophosphorus Insecticide Susceptibility of Mosquitoes in Maryland, 1985-89. *J.Am.Mosq.Control Assoc.* 9: 8-12.

EcoReference No.: 100377

Chemical of Concern: TMP,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL
CODED(TMP),TARGET(MLN).

Tewari, R. K. and Mathur, Y. K. (1985). Loss of Water in the Adults of *Pyrilla perpusilla* Wlk. (Lophopidae: Homoptera) Treated with Insecticides. *Z.Angew.Zool.* 71: 399-404.

EcoReference No.: 103591

Chemical of Concern: ES,MLN,PMR; Habitat: T; Effect Codes: PHY; Code: TARGET(ES,MLN,PMR).

Upadhyay, S. and Agrawal, R. K. (1993). Persistent Toxicity of Some Insecticides Against *Lipaphis erysimi* (Kalt.) on Mustard . *Indian J.Plant Prot.* 21: 104-105.

EcoReference No.: 92882

Chemical of Concern: PPHD,DMT,ES,CPY,MLN,CYP,FNV,DEM; Habitat: T; Effect Codes: MOR; Code: TARGET(DMT,MLN,CPY,CYP,FNV,ES).

Vaidya, D. N. and Mehta, P. K. (1993). Efficacy of Field-Weathered Deposits of Insecticides for Control of Gram Podborer, (*Helicoverpa armigera*) and Cabbage Semilooper (*Plusia orichalcea*) Larvae on Egyptian Clover (*Trifolium alexandrinum*). *Indian J.Agric.Sci.* 63: 306-309.

EcoReference No.: 93240

Chemical of Concern: FNV,PMR,ES,MLN,PHSL; Habitat: T; Effect Codes: MOR; Code: TARGET(FNV,MLN,PHSL),NO ENDPOINT(PMR,ES).

Vatandoost, H., Mashayekhi, M., Abaie, M. R., Aflatoonian, M. R., Hanafi-Bojd, A. A., and Sharifi, I. (2005). Monitoring of Insecticides Resistance in Main Malaria Vectors in a Malarious Area of Kahnooj District, Kerman Province, Southeastern Iran. *J.Vector Borne Dis.* 42: 100-108.

EcoReference No.: 99809

Chemical of Concern: PPX,DM,DLD,DDT,MLN,PMR,LCYT,CYF; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,PMR,CYF).

Yang, M., Zhang, J., Zhu, K. Y., Xuan, T., Liu, X., Guo, Y., and Ma, E. (2008). Increased Activity and Reduced Sensitivity of Acetylcholinesterase Associated with Malathion Resistance in a Field Population of the Oriental Migratory Locust, *Locusta migratoria manilensis* (Meyen). *Pestic.Biochem.Physiol.* 91: 32-38.

Chemical of Concern: MLN; Habitat: T; Code: TARGET (MLN).

Yardim, E. N., Ozgen, I., and Kulaz, H. (2001). A Comparison of Recommended and Reduced Insecticide Regimes in Alfalfa. *Med.Fac.Landbouww.Univ.Gent.* 66: 513-518.

EcoReference No.: 92360

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Code: NO COC(CTN),OK
TARGET(MLN).

Yee, W. L. and Phillips, P. A. (2004). Differential Mortality of Natural Enemies Exposed to Avocado Leaves Treated with Malathion Bait Spray During a Mediterranean Fruit Fly Eradication Program. *Southwest.Entomol.* 29: 175-184.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yoon, K. S., Gao, J.-R., Lee, S. H., Coles, G. C., Meinking, T. L., Taplin, D., Edman, J. D., Takano-Lee, M., and Clark, J. M. (2004). Resistance and Cross-Resistance to Insecticides in Human Head Lice from Florida and California. *Pestic.Biochem.Physiol.* 80: 192-201.

EcoReference No.: 92451

Chemical of Concern: TBF,DDT,MLO,PMR,MLN,PPB,HCCH,ABM; Habitat: T; Effect Codes: MOR;
Code: LITE EVAL CODED(TBF),TARGET(MLO,PMR,MLN,PPB).

Zayed, A. B. B., Szumlas, D. E., Hanafi, H. A., Fryauff, D. J., Mostafa, A. A., Allam, K. M., and Brogdon, W. G. (2006). Use of Bioassay and Microplate Assay to Detect and Measure Insecticide Resistance in Field Populations of *Culex pipiens* from Filariasis Endemic Areas of Egypt. *J.Am.Mosq.Control Assoc.* 22: 473-482.

EcoReference No.: 100867

Chemical of Concern: LCYT,PMR,CYF,DM,PPX,MLN,FNT,BDL,DDT,TMP; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(PMR,CYF,MLN,TMP,FNT).

Zettler, J. L., McDonald, L. L., Redlinger, L. M., and Jones, R. D. (1973). *Plodia interpunctella* and *Cadra cautella* Resistance in Strains to Malathion and Synergized Pyrethrins. *J.Econ.Entomol.* 66: 1049-1050.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

B. January 2010 Refresh

1969). 1746. Mosquitos Abated!: Laws, E. R., Jr., Sedlak, V. A., Miles, J. W., Joseph, C. R., Lacomba, J. R. & Rivera, A. D. (1068). Field Study of the Safety of Abate for Treating Potable Water and Observations on the Effectiveness of a Control Programme Involving Both Abate and Malathion. *Bull. Wld Hlth Org.* 38, 439. *Food and Cosmetics Toxicology* 7: 267.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

1985). Toxicity of Several Insecticides Applied Topically to Tarnished Plant Bugs Au - Cleveland Tc. *J entomol sci* 20: 96-97.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abbasi, Q. D., Hussain, T., Talpur, M. A., Memon, M. A., Ahmad, M., and Shakoori, A. R. (eds) (1992). Efficacy of Different Insecticides in Controlling Ber Fruit Fly, *Carpomyia Vesuviana* Costa.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abd El-Mageed, A. E. M., Anwar, E. M., Elgohary, L. R. A., and Dahi, H. F. (2007). Evaluation of Several Programs of Sequences Pesticides Application on Cotton Bollworms and Some Other Sucking Pests in Cotton Field. *Journal of Entomology*, 4 (2) pp. 93-103, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abd El-Mageed, A. E. M. and Elgohary, L. R. A. (2007). Possibility of Replacing the Conventional Insecticides With Safety Environmental Compounds for Controlling the Two Corn Borers *Sesamia Cretica* Led. And *Ostrinia Nubilalis* Hun. *Journal of Entomology*, 4 (6) pp. 451-456, 2007.

Chemical of Concern: MLN; Habitat: T; Code: EFFICACY(MLN).

Abd-Elghafar, S. F., Appel, A. G., and Mack, T. P. (1991). Effects of Several Insecticide Formulations on Oothecal Drop and Hatchability in German Cockroaches (Dictyoptera: Blattellidae). *J econ entomol* 84: 502-509.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abd-Elghafar, S. F., Appel, A. G., and Mack, T. P. (1990). Toxicity of Several Insecticide Formulations Against Adult German Cockroaches (Dictyoptera: Blattellidae). *J econ entomol* 83: 2290-2294.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdalla, H., Matambo, T. S., Koekemoer, L. L., Mnzava, A. P., Hunt, R. H., and Coetzee, M. (Insecticide Susceptibility and Vector Status of Natural Populations of *Anopheles Arabiensis* From Sudan. *Trans R Soc Trop Med Hyg.* 2008, Mar; 102(3):263-71. [*Transactions of the Royal Society of Tropical Medicine and Hygiene*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdel-Aal, Y. Ai, Lampert, E. P., Roe, R. M., and Harlow, C. D. (1990). Karyotype Variation in Relation to Esterase Activity and Insecticide Resistance in *Myzus-Nicotianae* Blackman. *Third international symposium on aphids, kecskemet, hungary, august 14-19, 1989. Acta phytopathol entomol hung* 25: 315-322.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdel-Aal, Yehia A. I., Lampert, Emmett P., Roe, Richard M., and Semtner, Paul J. (1992). Diagnostic Esterases and Insecticide Resistance in the Tobacco Aphid, *Myzus Nicotianae* Blackman (Homoptera: Aphididae). *Pesticide Biochemistry and Physiology* 43: 123-133.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdel-Aal, Yehia A. I., Wolff, Mark A., Roe, Richard M., and Lampert, Emmett P. (1990). Aphid Carboxylesterases: Biochemical Aspects and Importance in the Diagnosis of Insecticide Resistance. *Pesticide Biochemistry and Physiology* 38: 255-266.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdel-Salam, K. H., El-Deeb, M. A., and El-Fishawi, A. A. (1992). The Role of Gamma Irradiation in Tolerance of the Confused Flour Beetle, *Tribolium Confusum* (Duv.) To Some Insecticides. *Insect sci appl* 13: 105-

111.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abdelgaleil, S. A. M., Mohamed, M. I. E., Badawy, M. E. I., and El-Arami, S. A. A. (2009). Fumigant and Contact Toxicities of Monoterpenes to *Sitophilus oryzae* (L.) and *Tribolium castaneum* (Herbst) and Their Inhibitory Effects on Acetylcholinesterase Activity. *J.Chem.Ecol.* 35: 518-525.

EcoReference No.: 117778

Chemical of Concern: GER,LIN,MEN,MLN; Habitat: T; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(MEN),TARGET(GER,LIN,MLN).

Abo-Taka, S. M. (1990). Toxicity of Certain Pesticides Against the Chicken Mite, *Dermanyssus Gallinae* . *Medical and Veterinary Entomology [MED. VET. ENTOMOL.]*. Vol. 4, no. 1, pp. 125-126. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abro, G. H., Dybas, R. A., Green, A. S., and Wright, D. J. (1988). Toxicity of Avermectin B-1 Against a Susceptible Laboratory Strain and an Insecticide-Resistant Strain of *Plutella-Xylostella* Lepidoptera Plutellidae. *J econ entomol* 81: 1575-1580.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Abro, G. H., Dybas, R. A., Green, A. S., and Wright, D. J. (1988). Toxicity of Avermectin B Sub(1) Against a Susceptible Laboratory Strain and an Insecticide-Resistant Strain of *Plutella Xylostella* (Lepidoptera: Plutellidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 81, no. 6, pp. 1575-1580. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Achee, N. L., Sardelis, M. R., Dusfour, I., Chauhan, K. R., and Grieco, J. P. (1988). Characterization of Spatial Repellent, Contact Irritant, and Toxicant Chemical Actions of Standard Vector Control Compounds. *J Am Mosq Control Assoc.* 2009, Jun; 25(2):156-67. [*Journal of the American Mosquito Control Association*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Adachi, T. (1998). Change in Control of the Diamondback Moth *Plutella Xylostella* Linne in Japan. *Agrochemicals japan* 0: 2-7.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Adachi, T. and Futai, K. (1992). Changes in Insecticide Susceptibility of the Diamondback Moth in Hyogo Japan. *Jarq (jpn agric res q)* 26: 144-151 .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Adem, Esbaide and Watters, F. L. (1985). Response of Malathion-Susceptible and Resistant Strains of *Tribolium Castaneum* (Coleoptera: Tenebrionidae) to a Combination of 60Co Gamma Irradiation and Malathion. *Journal of Stored Products Research* 21: 59-63.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Aguilera, L., Marquetti, M. D., Navarro, A., and Bisset, J. (1995). Effects of Three Organophosphorus Insecticides in the Reproductive Potential of *Culex Quinquifasciatus*. *Memorias do instituto oswaldo cruz rio de janeiro* 90: 411-413.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ahmad, N. W., Huang, T. S., Balabaskaran, S., Lo, K. M., and Das, V. G. (Insecticidal Effects of Organotin(Iv) Compounds on Plutella Xylostella (L.) Larvae. Ii. Inhibitory Potencies Against Acetylcholinesterase and Evidence for Synergism in Tests With Bacillus Thuringiensis(Ber.) And Malathion. *Met Based Drugs*. 1994; 1(1):1-17. [*Metal-based drugs*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ahmed, H. (1968). Laboratory Evaluation of Malathion for Controlling the Desert Locust, Schistocerca gregaria (Forsk). *Bull.Entomol.Res*. 59: 113-117.

EcoReference No.: 111882

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN),NO COC(H3PO4).

Ahmed, H. and Gardiner, B. G. (Variation in Toxicity of Malathion When Applied to Certain Body Regions of Schistocerca Gregaria. *Bull. Entomol. Res.*; 57(4), 651-9, 1968; (ref:17).

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Ahuja, D. B. (Cross-Resistance Characteristics of a Laboratory Selected Pirimiphos-Methyl Resistant Strain of Tribolium-Castaneum Herbst to Some Insecticides. *J entomol res (new delhi)*; 9 (2). 1985 (recd. 1987). 174-178.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ahuja, D. B. (1988). Cross Resistance Pattern of a Pirimiphos-Methyl Resistant Strain of Tribolium-Confusum Duv. To Some Insecticides. *Entomon* 12: 131-136.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ahuja, D. B. (1989). Effect of P,P' Ddt, Lindane, Malathion and Phosphine Resistance on the Development of Resistance to Pirimiphos Methyl in Tribolium Castaneum (Herbst). *Indian j entomol* 51: 105-112.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ahuja, D. B. (1990). Reversion of Insecticide Resistance in Tribolium: Fate of P,P'-Ddt, Lindane, Malathion and Phosphine Resistance During Selection for Pirimiphos-Methyl Resistance in Tribolium Castaneum (Herbst). *Entomon* 15: 79-82.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Al-Ajlan, A. M. (Relationship Between Desert Locust, Schistocerca Gregaria (ForskÅL), Infestation, Environmental Factors and Control Measures in Gazan and Makkah Regions, Saudi Arabia. *Pak J Biol Sci*. 2007, Oct 15; 10(20):3507-15. [*Pakistan journal of biological sciences: PJBS*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Al-Badry, M. S. and Knowles, C. O. (1980). Phthalate-Organophosphate Interactions: Toxicity, Penetration, and Metabolism Studies with House Flies. *Arch.Environ.Contam.Toxicol*. 9: 147-161.

EcoReference No.: 105862

Chemical of Concern:

CPY,CPYO,CMPO,DDVP,TCF,OMT,MLO,CPYM,CMPH,DMT,MLN,AZ,PRT,PRN; Habitat: T;
Effect Codes: MOR,ACC; Code:
TARGET(CPYO,CMPO,DDVP,TCF,DMT,MLO,CPYM,CMPH,DMT,MLN,AZ,PRT,CPY),NO
COC(CYP).

Amin, A. M. and Peiris, H. Tr (1990). Detection and Selection of Organophosphate and Carbamate Resistance in *Culex Quinquemaculatus* From Saudi Arabia. *Med vet entomol* 4: 269-274.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Anderson, A. L., Apperson, C. S., and Knake, R. (1991). Effectiveness of Mist-Blower Applications of Malathion and Permethrin to Foliage as Barrier Sprays for Salt Marsh Mosquitoes. *J am mosq control assoc* 7: 116-117.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Andreu H., Velazquez, A., Xamena, N., Creus, A., and Marcos, R. (1988). Induction of Polygenic Mutations Affecting Viability in *Drosophila Melanogaster* After Dichlorvos, Malathion and Ethyl Methanesulfonate Treatments. *Mutation Research/Environmental Mutagenesis and Related Subjects* 203: 230.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ansari, M. M., Veenakumari, K., and Bandyopadhyay, A. K. (1992). Outbreaks and New Records Outbreak of *Thaana-Andamanica* on Coconut in Andaman Islands. *Fao plant prot bull* 40: 164-166.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Anwar, T., Iqbal, M., Tahir, S., and Jabbar, A. (1990). Efficacy Trials of Insecticides (Nicotine, Malathion and Danitol) Against Insect Pests. *PAKISTAN J. ENTOMOL. KARACHI. Vol. 5, no. 1-2, pp. 5-15. 1990.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Apperson, C. S. (*Culex-Tarsalis* Resistance to Organo Phosphorus Insecticides in Retrospect. *Proc pap annu conf calif mosq control assoc*; 42. 1974 106.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Archer, T. L., Bynum, E. D. Jr, and Plapp, F. W. Jr (1994). Chlorpyrifos Resistance in Greenbugs (Homoptera: Aphididae): Cross-Resistance and Synergism. *Journal of Economic Entomology. Vol. 87, no. 6, pp. 1437-1440. 1994.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Archer, T. L., Segarra, E., and Bynum, E. D Jr (1999). Greenbug Resistance Management on Sorghum With Insecticide Mixtures: a Biological and Economic Analysis. *Journal of economic entomology* 92: 794-803.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ardley, J. H. (1976). Synergized Bioresmethrin as a Potential Grain Protectant. *Journal of Stored Products Research* 12: 253-259.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ardley, J. H. and Sticka, R. (1977). The Effectiveness of Fenitrothion and Malathion as Grain Protectants Under Bulk Storage Conditions in New South Wales, Australia. *Journal of Stored Products Research* 13: 159-

168.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Armstrong, J. S., Showler, A. T., Setamou, M., and Greenberg, S. (2006). Sublethal Effects of Malathion on Boll Weevil (Coleoptera: Curculionidae) Fecundity When Maintained on Cotton Squares or Artificial Diet. *Insect Science [Insect Sci.]*. Vol. 13, no. 4, pp. 287-292. Aug 2006.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, F., Zettler, J. L., and Halliday, W. R. (1988). Insecticide Resistance Among Populations of Almond Moth and Indianmeal Moth Lepidoptera Pyralidae in Stored Peanuts. *J econ entomol* 81: 1283-1287.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, F. H. and Axtell, R. C. (1983). Susceptibility of Northern Fowl Mites in North Carolina to Five Acaricides. *Poultry Science [POULT. SCI.]*. Vol. 62, no. 3, pp. 428-432. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, F. H., Redlinger, L. M., and Simonaitis, R. A. (1988). Chlorpyrifos-Methyl as a Protectant of Farmers Stock Peanuts. *Peanut sci* 15: 15-18.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, F. H., Throne, J. E., Simonaitis, R. A., and Zehner, J. M. (1990). Evaluation of Chlorpyrifos-Methyl and Chlorpyrifos-Methyl Plus Methoprene as Protectants of Stored Corn: Small Bin Tests. *J econ entomol* 83: 1114-1121.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, F. H. and Zettler, J. L. (1991). Malathion Resistance in Tribolium Castaneum (Coleoptera: Tenebrionidae): Differences Between Discriminating Concentrations by Topical Application and Residual Mortality on Treated Surfaces. *J econ entomol* 84: 721-726.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Arthur, Frank H. and Larry Zettler, J. (1992). Malathion Resistance in Tribolium Confusum Duv. (Coleoptera: Tenebrionidae): Correlating Results From Topical Applications With Residual Mortality on Treated Surfaces. *Journal of Stored Products Research* 28: 55-58.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ashour, Mohamed-Bassem A., Harshman, Lawrence G., and Hammock, Bruce D. (1987). Malathion Toxicity and Carboxylesterase Activity in Drosophila Melanogaster. *Pesticide Biochemistry and Physiology* 29: 97-111.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Asif, G. A. and Ali, F. A. (1988). Effect of Malathion on the Total Body Glucose and Proteins in the Mango Mealy Bug, Drosicha Stebbingi (Coccidae: Homoptera). *Punjab univ j zool* 3: 61-69.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Asokan, G., Durairaj, C., and Venugopal, M. S. (Laboratory Testing of Certain Insecticides for the Control of Sapota Leaf Webber, Nephopteryx Eugraphella Rag.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Assie, L. K., Francis, F., Gengler, N., and Haubruge, E. (2007). Response and Genetic Analysis of Malathion-Specific Resistant *Tribolium Castaneum* (Herbst) in Relation to Population Density. *Journal of Stored Products Research* 43: 33-44.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ata-Ul-Mohsin, Saghir, S. A., Matin, M. A., and Rafi, A. (1990). Effectiveness of Malathion on the Barani Population of *Spodoptera Litura* (Fab.) In Pakistan (Noctuidae: Lepidoptera).

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Attia, F. I. (1981). Insecticide Resistance in Pyralid Moths of Grain and Stored Products. *GEN. APPL. ENTOMOL. Vol. 13, pp. 3-8. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Attia, F. I. and Frecker, T. (1984). Cross-Resistance Spectrum and Synergism Studies in Organophosphorus-Resistant Strains of *Oryzaephilus Surinamensis* (L.) (Coleoptera: Cucujidae) in Australia. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 6, pp. 1367-1370. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Attia, F. I., Shipp, E., and Shanahan, G. J. (1981). Inheritance of Resistance to Malathion, Ddt and Dieldrin in *Plodia Interpunctella* (Lepidoptera: Pyralidae). *Journal of Stored Products Research* 17: 109-115.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Atu, U. G. (Evaluation of Chemicals for the Control of Insect Pests of Stored Seed-Yam Tubers. *Beitr trop landwirtschaft veterinaarmed; 24 (4). 1986 (recd. 1987). 421-424.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

BÜ, YÜ, KgÜ, and Zel, E. (Evidence of Oxidative and Antioxidative Responses by *Galleria Mellonella* Larvae to Malathion. *J Econ Entomol. 2009, Feb; 102(1):152-9. [Journal of economic entomology]*.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ba M'hamed, T. and Chemseddine, M. (2002). Selective Toxicity of Some Pesticides to *Pullus Mediterraneus* Fabr. (Coleoptera: Coccinellidae), a Predator of *Saissetia Oleae* Bern. (Homoptera: Coccoideae). *Agricultural and Forest Entomology*, 4 (3) pp. 173-178, 2002.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bachmann, Till T., Leca, Beatrice, Vilatte, Francois, Marty, Jean-Louis, Fournier, Didier, and Schmid, Rolf D. (2000). Improved Multianalyte Detection of Organophosphates and Carbamates With Disposable Multielectrode Biosensors Using Recombinant Mutants of *Drosophila* Acetylcholinesterase and Artificial Neural Networks. *Biosensors and Bioelectronics* 15: 193-201.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Bagherwal, R. K. and Sisodia, R. S. (1988). In-Vitro Trials on the Efficacy of Some Latest Acaricides Against

Different Stages of Tick Hyalomma-Anatolicum-Anatolicum. *Indian vet j* 65: 295-299.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bagherwal, R. K. and Sisodia, R. S. (1990). Studies on the Comparative Efficacy of Some Acaricides Against Different Stages of (Tick Hyalomma Anatolicum Anatolicum) Under Experimental and Clinical Trials. *Indian vet med j* 14: 129-134.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bagherwal, R. K., Sisodia, R. S., and Jain, P. C. (1990). Studies on the Efficacy of Some Acaricides Against Engorged Female Ticks Hyalomma-Anatolicum-Anatolicum in-Vitro. *Indian vet med j* 14: 135-138.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baker, J. E. (1994). Resistance Mechanism in the Bamberg Strain of Anisopteromalus Calandreae Hymenoptera Pteromalidae. *Journal of entomological science* 29: 580-584.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baker, J. E. (Stability of Malathion Resistance in Two Hymenopterous Parasitoids.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baker, J. E. and Arbogast, R. T. (1995). Malathion Resistance in Field Strains of the Warehouse Pirate Bug (Heteroptera: Anthicidae) and a Prey Species Tribolium Castaneum (Coleoptera: Tenebrionidae). *Journal of economic entomology* 88: 241-245.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baker J. E. and Weaver D. K. (1993). Resistance in Field Strains of the Parasitoid Anisopteromalus Calandreae (Hymenoptera: Pteromalidae) and Its Host, Sitophilus Oryzae (Coleoptera: Curculionidae), to Malathion, Chlorpyrifos-Methyl, and Pirimiphos-Methyl. *Biological Control* 3: 233-242.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baker, J. E., Weaver, D. K., Throne, J. E., and Zettler, J. L. (1995). Resistance to Protectant Insecticides in Two Field Strains of the Stored Product Insect Parasitoid Bracon Hebetor (Hymenoptera: Braconidae). *Journal of economic entomology* 88: 512-519.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bandyopadhyay, B., Paul, S. K., and Ghosh, M. R. (1996). Effects of Sublethal Dose of Some Insecticides on the Biology of Sitophilus Oryzae (L.) (Coleoptera: Curculionidae). *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 14, no. 2, pp. 334-338. 1996.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bannister, J. M. and Lentz, G. L. (1994). Efficacy of Insecticides on Tarnished Plant Bug in Cotton 1993. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 19. Iii+403p. Entomological society of america: lanham, maryland, usa*. 0: 219-220.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bansode, P. C. and Bhatia, S. K. (Nature of Malathion Resistance in a Laboratory Selected Strain of Sitophilus

Oryzae (L.).

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bansode, P. C. and Bhatia, S. K. (1981). Note on Reduced Reproductive Ability in a Malathion-Resistant Strain of Sitophilus Oryzae (L.) (Coleoptera, Curculionidae). *PROT. ECOL.* 3: 63-64.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barber, J. A., Greer, M., and Coughlin, J. (Field Tests of Malathion and Permethrin Applied Via a Truck-Mounted Cold Fogger to Both Open and Vegetated Habitats. *J am mosq control assoc.* 2007, mar; 23(1):55-9. [Journal of the american mosquito control association]: J Am Mosq Control Assoc.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bareth, S. S. and Gupta, H. C. (1989). Efficacy of Gunny Bag and Seed Treatment on the Natural Infestation of Rhizopertha Dominica on Stored Wheat. *Seed res (new delhi)* 17: 178-181.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bareth, S. S. and Gupta, H. C. (1989). Efficacy of Six Insecticides for the Protection of Stored Wheat Seeds Against Rhizopertha Dominica (Fab.). *Seed res (new delhi)* 17: 43-46.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bariola, L. A. and Bergman, D. (1982). Toxicity of Selected Insecticides to Boll Weevils in Arizona. *Southwestern Entomologist [SOUTHWEST. ENTOMOL.]*. Vol. 7, no. 3, pp. 142-145. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bariola, L. A. and Lingren, P. D. (1984). Comparative Toxicities of Selected Insecticides Against Pink Bollworm (Lepidoptera: Gelechiidae) Moths. *J.Econ.Entomol.* 77: 207-210.

EcoReference No.: 113462

Chemical of Concern:

CBL,MOM,ES,MLN,CYF,CYP,FPP,FYT,PMR,FNV,FVL,CPY,MP,PSM,AZ,TCF,SPS,DCTP,MTM;

Habitat: T; Effect Codes: MOR; Code: LITE EVAL

CODED(PMR),OK(ES,CPY),TARGET(CBL,MOM,MLN,CYF,CYP,FPP,FNV,FVL,MP,PSM,AZ,TCF,DCTP,MTM).

Bariola, L. A. and Lingren, P. D. (1984). Comparative Toxicities of Selected Insecticides Against Pink Bollworm (Lepidoptera: Gelechiidae) Moths. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 1, pp. 207-210. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barnard, D. R., Jones, B. G., Rogers, G. D., and Mount, G. A. (1981). Acaricide Susceptibility in the Lone Star Tick: Assay Techniques and Baseline Data. *J.Econ.Entomol.* 74: 466-469.

EcoReference No.: 113406

Chemical of Concern: MXC,TXP,HCCH,MLN,CMPH,DZ,CBL,CPY,PMR,PSM,AMZ; Habitat: T;

Effect Codes: MOR; Code: TARGET(AMZ,PSM,PMR,CPY,CBL,DZ,CMPH,MLN).

Barney, Robert J., Sedlacek, John D., Siddiqui, Maya, and Price, Bryan D. (1991). Quality of Stored Corn (Maize) as Influenced by Sitophilus Zeamais Motsch. And Several Management Practices. *Journal of Stored*

Products Research 27: 225-237.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barwal, B. N. and Kalra, R. L. (1982). Cross-Resistance Characteristics of Lindane Resistant and Susceptible Strains of *Tribolium Castaneum* (Herbst) (Col. Tenebrionidae). *Entomon. Vol. 7, no. 1, pp. 91-95. 1982.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barwal, R. N. and Gupta, D. K. (1991). Seasonal Incidence and Control of Pod Borer (*Euborellia annulipes*) and Cercospora Leaf Spots in Groundnut. *Indian J.Plant Prot.* 19: 156-160.

EcoReference No.: 89847

Chemical of Concern: MLN,HCCH,CBL,MP,HPT,AND,CBD,MZB,Zineb,Ziram,CTN; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL
CODED(MZB,CTN),EFFICACY(CBL,CBD,Ziram),TARGET(MLN,MP).

Barwal, R. N. and Kalra, R. L. (1988). Multiresistance to Insecticides in the Field Strain of *Tribolium-Castaneum* Herbst Coleoptera Tenebrionidae. *Entomon* 13: 179-182.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barwal, R. N. and Kalra, R. L. (1988). Nature of Lindane Resistance in the Laboratory and Field Strains of *Tribolium-Castaneum* Herbst Coleoptera Tenebrionidae. *Insect sci appl* 9: 47-54.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Barwal, R. N. and Rao, N. S. (1988). Comparative Toxicity of Insecticides to Meloid Beetles *Mylabris-Phalerata-Pallas* and *Epicauta-Sp* Coleoptera Meloidae. *Pesticides (bombay)* 22: 7-9.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bateman, R. P. (1992). Controlled Droplet Application of Mycopesticides to Locusts. *Lomer, c. J. And c. Prior (ed.). Biological control of locusts and grasshoppers* Workshop, cotonou, benin, april 29-may 1, 1991. Xii+394p. C.a.b. International: wallingford, england, uk; international institute of tropical agriculture: ibadan, nigeria. Isbn 0-85198-779-6.; 0: 249-254.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bauernfeind, R. J. and Wilde, G. E. (1993). Control of Army Cutworm (Lepidoptera: Noctuidae) Affects Wheat Yields. *J econ entomol* 86: 159-163.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baxendale, F. P., Kalisch, J. A., and Steinegger, D. H. (1994). Control of Buffalograss Chinch Bugs with Combinations of Insecticidal Soap and Reduced Rates of Conventional Insecticides, 1993. *Arthropod Manag.Tests* 19: 328-329 (64G).

EcoReference No.: 106195

Chemical of Concern: DZ,MLN,CBL; Habitat: T; Effect Codes: POP; Code: TARGET(DZ,MLN,CBL).

Baxendale, F. P., Kalisch, J. A., and Steinegger, D. H. (1994). Control of Buffalograss Chinch Bugs With Combinations of Insecticidal Soap and Reduced Rates of Conventional Insecticides 1993. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 19. Iii+403p. Entomological society of america: lanham, maryland, usa.* 0: 328-329.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Baykal, M., Coskun, M., Ozalp, P., Sulanc, M., and Emre, I. (2005). Effects of Malathion on the Egg Production and Hatchability of *Pimpla Turionellae* L., Hymenoptera: Ichneumonidae. *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]*. Vol. 14, no. 5, pp. 418-421. 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bayoun, I. M., Plapp, F. W Jr, Gilstrap, F. E., and Michels, G. J Jr (1995). Toxicity of Selected Insecticides to *Diuraphis Noxia* (Homoptera: Aphididae) and Its Natural Enemies. *Journal of economic entomology* 88: 1177-1185.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Beehler, J. W., Dhillon, M. S., and Binding, P. L. (1995). Impact of Aerial Malathion Application for the Eradication of Mediterranean Fruit Fly on Mosquito Larvae. *Journal of vector ecology* 20: 40-43.

Chemical of Concern: MLN; Habitat: AT; Code: TARGET(MLN).

Beeman, R. W. and Nanis, S. M. (1986). Malathion Resistance Alleles and Their Fitness in the Red Flour Beetle (Coleoptera: Tenebrionidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 79, no. 3, pp. 580-587. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Beeman, R. W. and Stuart, J. J. (1990). A Gene for Lindane Plus Cyclo-diene Resistance in the Red Flour Beetle (Coleoptera: Tenebrionidae). *J econ entomol* 83: 1745-1751.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Beeman, R. W. and Wright, V. F. (1990). Monitoring for Resistance to Chlorpyrifos-Methyl, Pirimiphos-Methyl and Malathion in Kansas (Usa) Populations of Stored-Product Insects. *J kans entomol soc* 63: 385-392.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Beevi, N. D., Janarthanan, R., and Natarajan, K. (1992). Efficacy of Some Insecticides Against Eggs of *Maconellicoccus Hirsutus* Green on Mulberry *Morus Alba* L. *J insect sci* 5: 114.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bell, M. R. and McLaughlin, R. E. (1970). Influence of the Protozoan *Mattesia grandis* McLaughlin on the Toxicity to the Boll Weevil of Four Insecticides. *J.Econ.Entomol.* 63: 266-269.

EcoReference No.: 114821

Chemical of Concern: CBL,AZ,MLN,DDT; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(CBL,AZ,MLN).

Bhardwaj, A. C. and Tyagi, N. (1992). Malathion Induced Morphobehavioural Changes in *Pantala Flavescens* Fabr. (Odonata: Libellulidae). *Uttar pradesh j zool* 12: 1-4.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhardwaj, S., Bhardwaj, S. P., and Sharma, S. (2007). Efficacy of New Miticides Against European Red Mite (*Panonychus Ulmi*) on Apple (*Malus Domestica*). *Indian Journal of Agricultural Sciences*, 77 (3) pp. 166-

167, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhardwaj, V., Devi, N., and Raj, D. (2005). Toxicity of Some Insecticides and Biopesticides to *Diadegma Fenestralis* Himage and *Cotesia Plutellae* (Kurdyumov), Two Parasitoids of Diamondback Moth. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 29, no. 1, pp. 27-30. Mar 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhatia, P. and Sethi, G. R. (1980). Combined Effects of Gamma Radiations and Insecticidal Treatment (Direct Spray) on the Adults of Susceptible Strains of *Tribolium Castaneum* (Herbst). *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 42, no. 1, pp. 82-89. 1980.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhatia, S. K. and Pradhan, S. (1972). Studies on Resistance to Insecticides in *Tribolium Castaneum* (Herbst)--V. Cross-Resistance Characteristics of a Lindane-Resistant Strain. *Journal of Stored Products Research* 8: 89-93.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhatia, S. K., Yadav, T. D., and Mookherjee, P. B. (1971). Malathion Resistance in *Tribolium Castaneum* (Herbst) in India. *Journal of Stored Products Research* 7: 227-230.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bhatnagar, K. N. and Yadava, S. Rs (1987). A Preliminary Study on the Biological Effectiveness of Some Insecticides Against *Epilachna-Dodecastigma* Muls. *Coccinellidae* Coleoptera a Serious Pest of Cucurbits in Semi-Arid Zones of Rajasthan India. *Pesticides (bombay)* 21: 18-20.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bi, J. L. and Toscano, N. C. (2007). Current Status of the Greenhouse Whitefly, *Trialeurodes Vaporariorum*, Susceptibility to Neonicotinoid and Conventional Insecticides on Strawberries in Southern California. *Pest Management Science*, 63 (8) pp. 747-752, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Biddinger, D. J. and Hull, L. A. (1995). Effects of Several Types of Insecticides on the Mite Predator, *Stethorus punctum* (Coleoptera: Coccinellidae), Including Insect Growth Regulators and Abamectin. *J.Econ.Entomol.* 88: 358-366.

EcoReference No.: 112275

Chemical of Concern: MP,DFZ,MLN,MOM,FYC,AZ,ABM; Habitat: T; Effect Codes: MOR,POP; Code: TARGET(MP,DFZ,MLN,MOM,FYC,AZ).

Biddinger, D. J., Hull, L. A., and Mcpheron, B. A. (1996). Cross-Resistance and Synergism in Azinphosmethyl Resistant and Susceptible Strains of Tufted Apple Bud Moth (Lepidoptera: Tortricidae) to Various Insect Growth Regulators and Abamectin. *Journal of economic entomology* 89: 274-287.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bigley, W. S. and Plapp, Jr. F. W. (1962). Metabolism of Malathion and Malaoxon by the Mosquito, *Culex Tarsalis* Coq. *Journal of Insect Physiology* 8: 545-557.

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Bilapate, G. G., Shetgar, S. S., Londhe, G. M., Shinde, K. S., Pawar, P. S., Phad, H. B., and Jadhav, R. N. (1993). Chemical Control of Pests of Sunflower. *J.Maharashtra Agric.Univ.* 18: 369-371.

EcoReference No.: 104581

Chemical of Concern: FNT,DDVP,MLN,PMR,ES; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES,PMR),EFFICACY(FNT,DDVP,MLN).

Binns, T. J. (1986). The Comparative Toxicity of Malathion, With and Without the Addition of Triphenyl Phosphate, to Adults and Larvae of a Susceptible and Two Resistant Strains of *Tribolium Castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Journal of Stored Products Research* 22: 97-101.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Binoy, V. V. and Olakkengil, J. L. (2004). Effect of Malathion on the Free Amino Acid Content of *Bombyx Mori* Larva. *Journal of Ecotoxicology & Environmental Monitoring [J. Ecotoxicol. Environ. Monitoring]*. Vol. 14, no. 2, pp. 151-156. Apr 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bisset, J. A., Rodriguez, M. M., Diaz, C., Ortiz, E., Marquetti, M. C., and Hemingway, J. (1990). The Mechanisms of Organophosphate and Carbamate Resistance in *Culex Quinquefasciatus* (Diptera: Culicidae) From Cuba. *Bulletin of Entomological Research*. Vol. 80, no. 3, pp. 245-250. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bisset, J. A., Rodriguez, M. M., Hemingway, J., Diaz, C., Small, G. J., and Ortiz, E. (1991). Malathion and Pyrethroid Resistance in *Culex Quinquefasciatus* From Cuba (West Indies): Efficacy of Pirimiphos-Methyl in the Presence of at Least Three Resistance Mechanisms. *Med vet entomol* 5: 223-228.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bisset, J. A., Rodriguez, M. M., Hemingway, J., Diaz, C., Small, G. J., and Ortiz, E. (1991). Malathion and Pyrethroid Resistance in *Culex Quinquefasciatus* From Cuba: Efficacy of Pirimiphos-Methyl in the Presence of at Least Three Resistance Mechanisms. *Medical and Veterinary Entomology [MED. VET. ENTOMOL.]*. Vol. 5, no. 2, pp. 223-228. 1991.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Biswas, N. P., Das, S. N., Maity, B., Chatterjee, M. L., and Biswas, A. K. (2001). Toxicity of Some Insecticides on Oral Application Against Adult Rice Weevil (*Sitophilus Oryzae* L.) (Coleoptera: Curculionidae). *Environment and Ecology [Environ. Ecol.]*. Vol. 19, no. 4, pp. 978-979. Dec 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Biswas, S., Upadhyay, K. D., and Kumar, A. (1995-1996). Efficacy of Some Insecticides Alone and in Combination With Dipel (a Bacterial Formulation) Against *Spilosoma Obliqua* Walker. *Zeitschrift fuer angewandte zoologie* 81: 227-235.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Blank, R. H., Bell, D. S., and Olson, M. H. (1985). Insecticide Baits for Control of the Black Field Cricket *Teleogryllus-Commodus*. *N z j exp agric* 13: 263-270.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Blodgett, S. L., Tharp, C., and Waters, D. (1997). Cereal Leaf Beetle Control on Malting Barley 1996. *Saxena, c. R. Arthropod management tests, vol. 22. Iv+469p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2. 22: 204.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bloomcamp, C. L., Patterson, R. S., and Koehler, P. G. (1987). Cyromazine Resistance in the House Fly (Diptera: Muscidae). *J.Econ.Entomol.* 80: 352-357.

EcoReference No.: 114771

Chemical of Concern: MLN,CYR,CMPH,DZ,DMT,PYN,DDT; Habitat: T; Effect Codes: MOR,GRO; Code: TARGET(MLN,CYR,CMPH,DZ,DMT).

Bodnaryk, Robert P. (1982). The Effects of Pesticides and Related Compounds on Cyclic Nucleotide Metabolism. *Insect Biochemistry* 12: 589-597.

Chemical of Concern: MLN; Habitat: AT; Code: TARGET(MLN).

Borah, D. and Saharia, D. (1982). Field Evaluation of Certain Insecticides for the Control of Henosepilachna-Vigintioctopunctata Coleoptera Coccinellidae. *J res assam agric univ* 3: 224-226.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Borah, R. K. (1997). Effect of Insecticides on Pest Incidence in Cucumber (Cucumis sativus) in Hill Zone of Assam. *Indian J.Agric.Sci.* 67: 332-333.

EcoReference No.: 109573

Chemical of Concern: DM,CYP,FNV,MLN; Habitat: T; Effect Codes: POP; Code: EFFICACY(DM,CYP,FNV,MLN).

Borle, M. N., Upalanchiwar, A. R., and Bodhade, S. N. (Efficacy of Dust Formulations Against Cotton Thrips Anaphothrips-Dorsalis in Dryland Cultivation. *P k v (punjabrao krishi vidyapeeth) res j; 8 (1). 1984 (recd. 1985). 70-72.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bose, C. (1991). Changes Induced by Malathion in the Carbohydrate Metabolism of Cockroach, Periplaneta Americana. *Proc natl acad sci india sect b (biol sci)* 61: 35-42.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bose, C. (1989). Contact Toxicity of Two Insecticides to Common Cockroach Periplaneta Americana. *Biol mem* 15: 175-180.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bose, C. (1990). In Vivo Inhibition of Acetyl Cholinesterase by Carbamate and Organophosphorous Pesticides in the Cockroach Periplaneta Americana. *Biol mem* 16: 66-70.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bose, C. (1991). Malathion and Carbaryl Induced Changes in Enzymes of the Cockroach Periplaneta Americana.

Proc natl acad sci india sect b (biol sci) 61: 187-194.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bourguet, D., Capela, R., and Raymond, M. (1996). An Insensitive Acetylcholinesterase in *Culex Pipiens* (Diptera: Culicidae) From Portugal. *Journal of economic entomology* 89: 1060-1066.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bozsik, A., Haubruge, E., and Gaspar, C. (1996). Effect of Some Organophosphate Insecticides on Acetylcholinesterase of Adult *Coccinella Septempunctata* (Coccinellidae). *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 31: 577-584.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bracco, J. E., Barata, J. M. S., and Marinotti, O. (1999). Evaluation of Insecticide Resistance and Biochemical Mechanisms in a Population of *Culex quinquefasciatus* (Diptera: Culicidae) from Sao Paulo, Brazil. *Mem.Inst.Oswaldo Cruz* 94: 115-120.

EcoReference No.: 117970

Chemical of Concern: PPX,FNT,MLN; Habitat: T; Effect Codes: BCM,CEL,MOR; Code: TARGET(PPX,FNT,MLN).

Bracco, J. E., Barata, J. Ms, and Marinotti, O. (1999). Evaluation of Insecticide Resistance and Biochemical Mechanisms in a Population of *Culex Quinquefasciatus* (Diptera: Culicidae) From Sao Paulo, Brazil. *Memorias do instituto oswaldo cruz* 94: 115-120.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Brown, L. R. and Eads, C. O. (1975). Nantucket Pine Tip Moth in Southern California: Identity and Insecticidal Control. *J.Econ.Entomol.* 68: 380-382.

EcoReference No.: 114931

Chemical of Concern:

DS,ADC,CBF,CPY,DMT,ACP,TCF,TVP,CBL,MCB,MLN,DZ,OXD,PSM,PHSL,HCCH,MXC; Habitat: T; Effect Codes: POP; Code: OK(CPY),TARGET(DS,ADC,CBF,DMT,ACP,TCF,TVP,CBL,MCB,MLN,OXD,DZ,PSM).

Brun, L. O. and Attia, F. I. (1983). Resistance to Lindane, Malathion and Fenitrothion in Coleopterous Pests of Stored Products in New Caledonia. *Proceedings of the Hawaiian Entomological Society [PROC. HAWAII. ENTOMOL. SOC.]. Vol. 24, no. 2-3, pp. 211-216. 1983.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Brun, L. O., Marcillaud, C., and Gaudichon, V. (1994). Cross Resistance Between Insecticides in Coffee Berry Borer, *Hypothenemus Hampei* (Coleoptera: Scolytidae) From New Caledonia. *Bulletin of Entomological Research [BULL. ENTOMOL. RES.]. Vol. 84, no. 2, pp. 175-178. 1994.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bughio, F. M. and Wilkins, R. M. (2004). Influence of Malathion Resistance Status on Survival and Growth of *Tribolium Castaneum* (Coleoptera: Tenebrionidae), When Fed on Flour From Insect-Resistant and Susceptible Grain Rice Cultivars. *Journal of Stored Products Research* 40: 65-75.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bull, D. L. (1992). Target Site and Enzyme Changes Associated With Selection of Subcolonies of a Multiresistant House Fly Strain With Methyl Parathion or Permethrin. *Pesticide Biochemistry and Physiology* 42: 211-226.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bull, D. L. and Pryor, N. W. (1990). Characteristics of Resistance in House Flies Subjected to Long-Term Concurrent Selection With Malathion and Permethrin. *Pesticide Biochemistry and Physiology* 37: 101-115.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bull, D. L., Pryor, N. W., and King, E. G Jr (1987). Pharmacodynamics of Different Insecticides in Microplitis-Croceipes Hymenoptera Braconidae a Parasite of Lepidopteran Larvae. *J econ entomol* 80: 739-749.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bull, D. L., Wadleigh, R. W., and Patterson, R. S. (Pharmacodynamics of Malathion and Carbaryl in Susceptible and Multiresistant German Cockroaches (Dictyoptera: Blattellidae). *J econ entomol*. 1989, dec; 82(6):1512-9. [*Journal of economic entomology*]: *J Econ Entomol*.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Buntin, G. D. (1991). Canola Brassica-Napus L. Cascade Turnip Aphid Lipaphis-Erysimi Kaltentbach Aphid Control in Winter Canola Using Foliar Insecticides in 1990. *Thomas, j. H. (Ed.). Insecticide and acaricide tests, vol. 16. 327p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 142-143.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Buntin, G. D., Flanders, K. L., Slaughter, R. W. , and Delamar, Z. D. (2004). Damage Loss Assessment and Control of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Winter Wheat. *Journal of Economic Entomology*, 97 (2) pp. 374-382, 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Burns, R. E., Harris, D. L., Moreno, D. S., and Eger, J. E. (2001). Efficacy of Spinosad Bait Sprays to Control Mediterranean and Caribbean Fruit Flies (Diptera: Tephritidae) in Commercial Citrus in Florida. *Florida Entomologist*, 84 (4) pp. 672-678, 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Bustillo, P. A. E., Villalba, G. D., Orozco, H. J., Benavides, M. P., Reyes, A. I. C., and Chaves, C. B. (1995). Integrated Pest Management to Control the Coffee Berry Borer, Hypothenemus hampei, in Colombia. *Colloq.Sci.Int.Cafe, Apr.9-14, 1995, Vol.1/2, Kyoto, Japan, Assoc.Sci.Int.Du Cafe Asic, Paris France 2: 671-680.*

EcoReference No.: 110491

Chemical of Concern: IZF,MLN,FNTH,ES,FNT,PIRM,DZ; Habitat: T; Effect Codes: MOR; Code: TARGET(IZF,MLN,FNTH,ES,FNT,PIRM,DZ),NO COC(CPY).

Bustillo-P, A. E., Villalba-G, D., Orozco-H, J., Benavides-M, P., Reyes-a, I. C., and Chaves-C, B. (Integrated Pest Management to Control the Coffee Berry Borer Hypothenemus Hampei in Colombia. *Association scientific internationale du cafe. 16th international scientific colloquium on coffee vols. 1 and 2; kyoto, japan, april 9-14, 1995. 500p.(Vol. 1); 426p.(Vol. 2) association scientifique internationale du cafe (asic): paris, france. Isbn 2-900212-15-4.; 0 (0). 1995. 671-680.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Calderon, M. and Desmarchelier, J. M. (1979). Susceptibility of *Tribolium Castaneum* (Herbst) Adults to Some Organophosphorus Compounds After Pre-Exposure to Carbon Monoxide. *J stored prod res* 15: 33-36.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Cameron, R. S. and Johnson, N. E. (1971). Chemical Control of the "Annual Bluegrass Weevil," *Hyperodes* sp. nr. *anthracinus*. *J.Econ.Entomol.* 64: 689-693.

EcoReference No.: 114815

Chemical of Concern:

CHD,HPT,OXD,ES,ETN,HCCH,DS,AZ,FNTH,CPY,CBF,PHSL,MLN,DMT,ADC,MOM,MXC,DZ,DDT;

Habitat : T; Effect Codes: POP,MOR; Code:

TARGET(OXD,ES,DS,CPY,CBF,MLN,DMT,ADC,MOM,DZ).

Campbell, P. M., Trott, J. F., Claudianos, C., Smyth, K. A., Russell, R. J., and Oakeshott, J. G. (1997). Biochemistry of Esterases Associated With Organophosphate Resistance in *Lucilia Cuprina* With Comparisons to Putative Orthologues in Other Diptera. *Biochemical Genetics [BIOCHEM. GENET.]*. Vol. 35, no. 1-2, pp. 17-40. Feb 1997.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Campbell, P. M., Yen, J. L., Masoumi, A., Russell, R. J., Batterham, P., McKenzie, J. A., and Oakeshott, J. G. (1998). Cross-Resistance Patterns Among *Lucilia Cuprina* (Diptera: Calliphoridae) Resistant to Organophosphorus Insecticides. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 91, no. 2, pp. 367-375. Apr 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Campbell, Peter M., Newcomb, Richard D., Russell, Robyn J., and Oakeshott, John G. (1998). Two Different Amino Acid Substitutions in the Ali-Esterase, E3, Confer Alternative Types of Organophosphorus Insecticide Resistance in the Sheep Blowfly, *Lucilia Cuprina*. *Insect Biochemistry and Molecular Biology* 28: 139-150.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Capua, S., Cohen, E., Gerson, U., and Adato, I. (1990). Degradation of Malathion and Pyrethroids by the Mites *Rhizoglyphus Robini* and *Tetranychus Urticae*. *Comp biochem physiol c comp pharmacol toxicol* 96: 427-432.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Carlson, G. A. and Suguiyama, L. (1985). Economic Evaluation of Area-Wide Cotton Insect Management Boll Weevils in the Southeastern Usa. *N c agric res serv bull* 0: 1-24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Carter, S. W., Chadwick, P. R., and Wickham, J. C. (1975). Comparative Observations on the Activity of Purethroids Against Some Susceptible and Resistant Stored Products Beetles. *Journal of Stored Products Research* 11: 135-142.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Carter, Stuart W. (1975). Laboratory Evaluation of Three Novel Insecticides Inhibiting Cuticle Formation Against

Some Susceptible and Resistant Stored Products Beetles. *Journal of Stored Products Research* 11: 187-193.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cate, J. R. Jr., Bottrell, D. G., and Teetes, G. L. (1973). Management of the Greenbug on Grain Sorghum. 1. Testing Foliar Treatments of Insecticides Against Greenbugs and Corn Leaf Aphids. *J.Econ.Entomol.* 66: 945-951.

EcoReference No.: 113322

Chemical of Concern: MDT,PRT,MP,DS,MLN,MVP,DZ,FNF,PHSL,DEM,DS,EN,PRN ; Habitat: T; Effect Codes: POP,PHY; Code: OK(DZ,MVP,DS),EFFICACY(MLN,MP,PRT,MDT).

Cerritos, R. and Cano-Santana, Z. (2008). Harvesting Grasshoppers *Sphenarium Purpurascens* in Mexico for Human Consumption: a Comparison With Insecticidal Control for Managing Pest Outbreaks. *Crop Protection*, 27 (3-5) pp. 473-480, 2008.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chadee, D. D. (An Evaluation of Malathion Ultralow Volume Spraying Against Caged and Natural Populations of *Aedes-Aegypti* in Trinidad West-Indies. *Cah o r s t o m ser entomol med parasitol*; 23 (2). 1985 (recd. 1986). 71-74.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chadee, D. D. (1985). An Evaluation of Malathion Ulv Spraying Against Caged and Natural Populations of *Aedes Aegypti* in Trinidad, West Indies. *CAH. ORSTOM, SER. ENTOMOL. MED. PARASITOL.* Vol. 23, no. 2, pp. 71-74. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chai, Yu-Xin, Liu, Guo-Ying, and Wang, Jin-Jun (Toxicological and Biochemical Characterizations of *Ache* in *Liposcelis Bostrychophila* Badonnel (Psocoptera: Liposcelididae). *Pesticide Biochemistry and Physiology* In Press, Corrected Proof.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Chakraborti, S., Mourya, D. T., Gokhale, M. D., and Banerjee, K. (1993). Insecticide Susceptibility Status and Enzyme Profile of *Aedes Albopictus* Populations From Different Localities of Maharashtra State. *Indian j med res sect a* 97: 37-43.

Chemical of Concern: MLN; Habitat: AT; Code: TARGET(MLN).

Chalfant, R. B. (1973). Cowpea *Cuculio*: Control in Southern Georgia. *J.Econ.Entomol.* 66: 727-729.

EcoReference No.: 113292

Chemical of Concern: MP,MLN,MTM,MVP,MOM,ES,CPY,DZ,CBF,AZ,DDT,FNF,TXP,CBL; Habitat: T; Effect Codes: POP; Code: OK(ES,CPY),TARGET(MP,MLN,MTM,MVP,MOM,DZ,CBF,CBL,AZ).

Champ, B. R. and Campbell-Brown, M. J. (1970). Insecticide Resistance in Australian *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae) -- Ii : Malathion Resistance in Eastern Australia. *Journal of Stored Products Research* 6: 111-131.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Champ, B. R. and Campbell-Brown, M. J. (1970). Insecticide Resistance in Australian *Tribolium Castaneum* (Herbst)--I. A Test Method for Detecting Insecticide Resistance. *Journal of Stored Products Research* 6: 53-70.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Champ, B. R. and Cribb, J. N. (1965). Lindane Resistance in *Sitophilus Oryzae* (L.) And *Sitophilus Zeamais* Motsch. (Coleoptera, Curculionidae) in Queensland. *Journal of Stored Products Research* 1: 9-24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Champ, B. R., Steele, R. W., Genn, Barbara G., and Elms, K. D. (1969). A Comparison of Malathion, Diazinon, Fenitrothion and Dichlorvos for Control of *Sitophilus Oryzae* (L.) And *Rhyzopertha Dominica* (F.) In Wheat. *Journal of Stored Products Research* 5: 21-48.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chandel, R. and Sharma, D. C. (1992). Toxicity of Insecticides to Different Larval Instars of *Pieris-Brassicae* L Au - Singh M. *Indian j plant prot* 20: 202-204.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chandel, R. S., Chander, R., Gupta, P. R., and Verma, T. D. (1994). Relative Efficacy of Some Insecticides Against Defoliating Beetle, *Brahmina Coriacea* on Apple. *Indian journal of plant protection* 22: 45-49.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chandla, V. K., Bhalla, O. P., Misra, S. S., and Bist, B. S. (1988). Residual Toxicity of Insecticides Deposits Against *Epilachna* Beetles, *Epilachna ocellata* Redt on Potatoes in Simla Hills. *Pesticides* 22: 16-18.

EcoReference No.: 118547

Chemical of Concern: DCTP,DDVP,DDT,CBL,ES,FNTH,FNT,MP,MLN,PHSL,PPHD; Habitat: T; Effect Codes: MOR; Code: OK(ES),TARGET(DCTP,DDVP,CBL,FNT,MP,MLN).

Chaniotis, B. N., Parsons, R. E., Harlan, H. J., and Correa, M. A. (1982). A Pilot Study to Control Phlebotomine Sand Flies (Diptera: Psychodidae) in a Neotropical Rain Forest. *Journal of Medical Entomology [J. MED. ENTOMOL.]*. Vol. 19, no. 1, pp. 1-5. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chappel, G. F Iii and Herbert, D. A Jr (1998). Evaluation of Selected Insecticides and Application Timings for Control of Cereal Leaf Beetle and Aphids on Wheat 1997. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 23. Iv+418p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-77-9. 23: 308.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chauhan, S. Ps, Kumar, A., Singh, C. L., and Pandey, U. K. (1987). Toxicity of Some Plant Extracts Against Rice Moth: *Corcyra Cephalonica* (Stainton) (Lepidoptera). *Indian j entomol* 49: 532-534.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chen, J. S. (1990). An Improved Method for Determining the Susceptibility of *Rhizoglyphus Robini* and *Rhizoglyphus Setosus* (Acarina: Acaridae) to Pesticides. *Exp appl acarol* 8: 175-178 .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chen, J. S. and Lo, K. C. (1990). Toxicity of Organophosphorus Insecticides to Diazinon-Reversely-Selected, Pesticide-Pressure-Relaxed and Field-Resistant Strains of Bulb Mite Rhizoglyphus Robini (Acari: Acaridae). *Exp appl acarol* 8: 243-252.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chiang, F. M. and Sun, C. N. (1991). Detoxifying Enzymes and Susceptibility to Several Insecticides of Apanteles plutellae (Hymenoptera: Braconidae) and Diadegma semiclausum (Hymenoptera: Ichneumonidae), Parasitoids of Diamondback Moth (Lepidoptera: Plutellidae) Larvae. *Environ.Entomol.* 20: 1687-1690.

EcoReference No.: 109188

Chemical of Concern: MLN,MP,FNV; Habitat: T; Effect Codes: MOR,BCM; Code: OK(MP),TARGET(FNV,MLN).

Chiang, F. M. and Sun, C. N. (1991). Detoxifying Enzymes and Susceptibility to Several Insecticides of Apanteles Plutellae (Hymenoptera: Braconidae) and Diadegma Semiclausum (Hymenoptera: Ichneumonidae), Parasitoids of Diamondback Moth (Lepidoptera: Plutellidae) Larvae. *Environ entomol* 20: 1687-1690.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Childers, C. C. and Nigg, H. N. (1982). Contact Toxicity of Insecticides to Adults of the Coffee Bean Weevil (Coleoptera: Anthribidae). *J.Econ.Entomol.* 75: 556-559 .

EcoReference No.: 107388

Chemical of Concern:

MOM,PSM,FNV,FVL,PMR,BDC,OML,AND,ES,ACP,CPY,DZ,ETN,IFP,MLN,MDT,PHSL,SPS,TCF,AMZ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CPY,PMR),OK(ES),TARGET(FNV,FVL,OML,ACP,AZ,DZ,MLN,MDT,PSM,MOM,TCF,AMZ).

Childers, C. C. and Nigg, H. N. (1982). Contact Toxicity of Insecticides to Adults of the Coffee Bean Weevil (Coleoptera: Anthribidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 75, no. 3, pp. 556-559. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chilmonczyk, Z., Ksycinska, H., and Polec, I. (1998). Application of Chiral Chromatographic Parameters in Quantitative Structure-Activity Relationship Analysis of Homologous Malathion Derivatives. *Journal of Chromatography B: Biomedical Sciences and Applications* 720: 65-69.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Christie, P. T. and Wright, D. J. (1990). Activity of Abamectin Against Larval Stages of Spodoptera Littoralis Boisduval and Heliothis Armigera Hubner (Lepidoptera: Noctuidae) and Possible Mechanisms Determining Differential Toxicity. *Pestic sci* 29: 29-38.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chung, T. C. and Sun, C. N. (1983). Malathion and Mipc Resistance in Nilaparvata Lugens (Homoptera: Delphacidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 76, no. 1, pp. 1-5. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Chung, T. C., Sun, C. N., and Hung, C. Y. (1982). Resistance of Nilaparvata Lugens to Six Insecticides in Taiwan. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 75, no. 2, pp. 199-200. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cilek, J. E., Moorer, G. D., Delph, L. A., and Knapp, F. W. (1989). The Asian Tiger Mosquito Aedes-Albopictus New-Record in Kentucky Usa. *J am mosq control assoc* 5: 267-268.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cochran, D. G. (1989). Monitoring for Insecticide Resistance in Field-Collected Strains of the German Cockroach Dictyoptera Blattellidae. *J econ entomol* 82: 336-341.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cochran, D. G. (1995). Standard Insecticide-Susceptible Strain for the German Cockroach (Dictyoptera: Blattellidae). *Journal of economic entomology* 88: 1542-1544.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cochrane, Bruce J., Windelspecht, Michael, Brandon, Susan, Morrow, Matthew, and Dryden, Lorie (1998). Use of Recombinant Inbred Lines for the Investigation of Insecticide Resistance and Cross Resistance in Drosophila simulans. *Pesticide Biochemistry and Physiology* 61: 95-114.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cogan, P. M. (1982). A Method for the Rapid Detection of Malathion Resistance in Plodia Interpunctella (Huebner) (Lepidoptera: Pyralidae) With Further Records of Resistance. *Journal of Stored Products Research [J. STORED PROD. RES.]*. Vol. 18, no. 3, pp. 121-124. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cogburn, R. R. (1988). Fenoxycarb as a Long-Term Protectant for Stored Rough Rice. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 81, no. 2, pp. 722-726. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cohen, E., Gerson, U., and Mozes-Koch, R. (1993). Epoxide Hydrolase in the Bulb Mite Rhizoglyphus Robini: Properties and Induction. *Exp appl acarol* 17: 381-392.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cohen, E., Podoler, H., and El-Hamlauwi, M. (1987). Effects of the Malathion-Bait Mixture Used on Citrus to Control Ceratitis-Capitata Wiedemann Diptera Tephritidae on the Florida Red Scale Chrysomphalus-Aonidium L. Hemiptera Diaspididae and Its Parasitoid Aphytis-Holoxanthus Debach Hymenoptera Aphelinidae. *Bull entomol res* 77: 303-308.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cohen, Ephraim, Podoler, Haggai, and El-Hamlauwi, Muhamad (1988). Effect of Malathion-Bait Mixture on Two Parasitoids of the Florida Red Scale, Chrysomphalus Aonidium (L.). *Crop Protection* 7: 91-95.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Collins, J. A. and Forsythe, H. Y Jr (1992). Flea Beetle Adult Control 1991. *Burditt, a. K. Jr. (Ed.). Insecticide and*

acaricide tests, vol. 17. Ii+421p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 61.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Collins, P. J., Rose, H. A., and Wegecsanyi, M. (1992). Enzyme Activity in Strains of the Sawtoothed Grain Beetle (Coleoptera: Cucujidae) Differentially Resistant to Fenitrothion, Malathion, and Chlorpyrifos-Methyl. *J econ entomol* 85: 1571-1575.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Collins, P. J. and Wilson, D. (1987). Efficacy of Current and Potential Grain Protectant Insecticides Against a Fenitrothion-Resistant Strain of the Sawtoothed Grain Beetle *Oryzaephilus-Surinamensis* L. *Pestic sci* 20: 93-104.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Conyers, Christine M., MacNicoll, Alan D., and Price, Nicholas R. (1998). Purification and Characterisation of an Esterase Involved in Resistance to Organophosphorus Insecticides in the Saw-Toothed Grain Beetle, *Oryzaephilus Surinamensis* (Coleoptera: Silvanidae). *Insect Biochemistry and Molecular Biology* 28: 435-448.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cox, P. D., Atkinson, J. E., Bannon, K. L., and Hatfield, J. (1993). Studies of Refuge-Seeking Behaviour and Locomotory Activity in *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae) Using Time-Lapse Video Recordings. *Journal of Stored Products Research* 29: 283-289.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Cox, P. D., Fleming, D. A., Atkinson, J. E., Bannon, K. L., and Whitfield, J. M. (1997). The Effect of Behaviour on the Survival of *Cryptolestes Ferrugineus* in an Insecticide-Treated Laboratory Environment. *Journal of Stored Products Research* 33: 257-269.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Creus, A., Xamena, N., and Marcos, R. (1983). Sensitivity of Different Strains of *Drosophila Melanogaster* to Endosulfan and Malathion. *Toxicology Letters* 16: 323-330.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Croft, B. A., Brown, A. W. A., and Hoying, S. A. (1976). Organophosphorus-Resistance and Its Inheritance in the Predaceous Mite *Amblyseius fallacis*. *J.Econ.Entomol.* 69: 64-68.

EcoReference No.: 113447

Chemical of Concern: DMT,MLN,DZ,MP,AZ,PPHD,EN,PHSL,DEM,FNTH,PSM,FNT,PRN; Habitat: T; Effect Codes: MOR; Code: TARGET(DMT,MLN,DZ,MP,AZ,PSM).

Cross, J. V., Burgess, C. M., and Hanks, G. R. (Integrating Insecticide Use With Biological Control of Two Spotted Spider Mite *Tetranychus Urticae* by *Phytoseiulus Persimilis* on Strawberry in the Uk. *British crop protection council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-99-x.; 0 (0). 1996. 899-906.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dabbour, A. I. and El-Sayed, E. I. (1982). Effects of Sublethal Doses of Some Insecticides on the Black Cutworm *Agrotis Ypsilon* (Hufn.) (Lepidoptera; Noctuidae). *Journal of the College of Agriculture. King Saud University [J. COLL. AGRIC., KING SAUD UNIV.]*. Vol. 4, pp. 107-112. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dabi, R. K., Puri, M. K., Gupta, H. C., and Sharma, S. K. (1988). Synergistic Response of Low Rate of *Bacillus Thuringiensis* Berliner With Sub-Lethal Dose of Insecticides Against *Heliothis Armigera* Hubner. *Indian j entomol* 50: 28-31.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dag(caron)li, F. and Tunc(cedilla), I. (2007). Insecticide Resistance in *Frankliniella Occidentalis* (Pergande) (Thysanoptera: Thripidae) Collected From Horticulture and Cotton in Turkey. *Australian Journal of Entomology*, 46 (4) pp. 320-324, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Daglish, G. J., Wallbank, B. E., and Nayak, M. K. (2003). Synergized Bifenthrin Plus Chlorpyrifos-Methyl for Control of Beetles and Psocids in Sorghum in Australia. *Journal of Economic Entomology*, 96 (2) pp. 525-532, 2003.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Daglish, G. J., Zorzetto, M. J., Lambkin, T. M., Erbacher, J. M., and Eelkema, M. (1992). Control of *Tribolium Castaneum* (Herbst) (Coleoptera: Tenebrionidae) in Stored Peanuts Using Residual Insecticides. *Journal of Stored Products Research* 28: 157-160.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dakshinamurthy, A. and Bhandarkar, D. M. (Occurrence and Control of Guava Leaf and Shoot Webber *Sponothrips Rhothia* Meyr. *Pesticides (bombay)*; 20 (8). 1986 (recd. 1987). 60-61.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dales, M. J., Huddart, H., and Price, N. R. (1989). The Distribution of Malathion and Some of Its Metabolites in Tissues of the American Cockroach *Periplaneta-Americana*. *Comp biochem physiol c comp pharmacol toxicol* 92: 155-162.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Danielson, P. B., Gloor, S. L., Roush, R. T., and Fogleman, J. C. (1996). Cytochrome P450-Mediated Resistance to Isoquinoline Alkaloids and Susceptibility to Synthetic Insecticides in *Drosophila*. *Pesticide biochemistry and physiology* 55: 172-179.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Das, B. B. (1988). Efficacy of Some Synthetic Pyrethroids and Conventional Insecticidal Spray Against Groundnut Pest Complex. *Pesticides (bombay)* 22: 10-12.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Das, M. L. and Pande, Y. D. (1991). Evaluation of Insecticides and Leaf Extract of *Azadirachta Indica* L. Against *Dialeurodes Pallida* Singh. *Uttar pradesh j zool* 11: 25-30.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Das, P. K. and Rajagopalan, P. K. (1981). Role of Simulated Migration of Mosquitoes in Development and Reversal of Malathion Resistance in *Culex pipiens fatigans*. *Indian Journal of Medical Research [INDIAN J. MED. RES.]*. Vol. 73, no. Suppl. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dash, A. N. (1990). Evaluation of Some Insecticides for Their Efficacy Against the Pea Leaf Miner *Phytomyza atricornis* Meigen. *Indian j plant prot* 18: 295-297.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Davidson, G. and Herath, P. R. J. (1981). The Nature of Malathion Resistance in a Population of *Anopheles culicifacies* Giles. *Bulletin of The World Health Organization [BULL. W.H.O.]*. Vol. 59, no. 3, pp. 383-386. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

De, L. O. S. Mozos Pascual M and Clemente, M. R. (1994). A Semi-Field Method to Assess the Efficacy of Insecticides for the Control of the Lentil Seed Beetle *Bruchus lentis*. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994. Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).* 235-240.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

De Licastro Sa, Wallace, G., Seccacini, E., Audino, P. G., and Zebra, E. (1993). Synthesis and Bioactivity of New Phosphorodithioates Derived From N-Substituted Maleamic Esters. *Comp biochem physiol c comp pharmacol toxicol* 104: 43-46.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

De Moraes GJ, Neto, R. S., and Pinto, H. Cs (1989). Morphology, Biology and Pesticide Tolerance of *Chelotogenes ornatus* (Acari: Cheyletidae). *Entomophaga* 34: 477-484.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

De Souza, K. R., McVeigh, L. J., and Wright, D. J. (1992). Selection of Insecticides for Lure and Kill Studies Against *Spodoptera littoralis* (Lepidoptera: Noctuidae). *J.Econ.Entomol.* 85: 2100-2106.

EcoReference No.: 112249

Chemical of Concern: AMZ,CPY,MLN,DTATN,CYP,MOM,PMR,BDC,LCYT; Habitat: T; Effect Codes: MOR,ACC,REP; Code: LITE EVAL
CODED(PMR),OK(CPY),TARGET(CYP,DTATN,MOM,MLN,AMZ).

De Souza Kr, Mcveigh, L. J., and Wright, D. J. (1992). Selection of Insecticides for Lure and Kill Studies Against *Spodoptera littoralis* (Lepidoptera: Noctuidae). *J econ entomol* 85: 2100-2106.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

De Villar, M. I. Picollo, Fontan, A., Wood, E., and Zerba, E. (1990). The Biochemical Basis of Tolerance to Malathion in *Rhodnius prolixus*. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology* 96: 361-365.

Chemical of Concern: MLO; Habitat: INSECT; Code: TARGET(MLN).

de Villar, Maria I. Picollo, van der Pas, L. J. T., Smissaert, H. R., and Oppenoorth, F. J. (1983). An Unusual Type of Malathion-Carboxylesterase in a Japanese Strain of House Fly. *Pesticide Biochemistry and Physiology* 19: 60-65.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Degaonkar, A. M., Kurtadikar, J. S., and Rekawar, B. V. (1988). Economical Control Measures Against Arhar Pod Borer Complex in Marathwada Region India. *Pesticides (bombay)* 22: 15-16, 27.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Demissie, G., Teshome, A., Abakemal, D., and Tadesse, A. (2008). Cooking Oils and "Triplex" in the Control of Sitophilus Zeamais Motschulsky (Coleoptera: Curculionidae) in Farm-Stored Maize. *Journal of Stored Products Research*, 44 (2) pp. 173-178, 2008.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Denholm, I., Gorman, K. J., Moores, G. D., and Devonshire, A. L. (Biochemical Assays for Insecticide Resistance Strengths and Limitations. *British crop protection council. Brighton crop protection conference: pests and diseases, 1990, vols. 1, 2 and 3; international conference, brighton, england, uk, november 19-22, 1990. Xxii+396p.(Vol. 1); xxii+482p.(Vol. 2); xxii+386p.(Vol. 3) british crop protection: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-46-9(vol. 1); isbn 0-948404-47-4(vol. 2); isbn 0-948404-48-8(vol. 3); isbn 0-948404-45-0(set).; 0 (0). 1990. 1175-1180.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dennett, J. A., Stark, P. M., Vessey, N. Y., Parsons, R. E., and Bueno, R. Jr (Estimation of Aerosol Droplet Sizes by Using a Modified Dc-Iii Portable Droplet Measurement System Under Laboratory and Field Conditions. *J am mosq control assoc. 2006, dec; 22(4):707-17. [Journal of the american mosquito control association]: J Am Mosq Control Assoc.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

DePew, L. J. (1971). Evaluation of Foliar and Soil Treatments for Greenbug Control on Sorghum. *J.Econ.Entomol.* 64: 169-172.

EcoReference No.: 113245

Chemical of Concern: ETN,DEM,PRN,EN,MTM,MOM,ES,DS,CBF,DZ,DMT,MLN; Habitat: T; Effect Codes: GRO,POP; Code: EFFICACY(DMT,MLN,DZ,DS,ES,MOM,MTM,CBF).

DePew, L. J. (1969). Field Evaluation of Insecticides to Control Alfalfa Weevil in Kansas, 1967-68. *J.Econ.Entomol.* 62: 1500-1501.

EcoReference No.: 113254

Chemical of Concern: MXC,MDT,PRN,MLN,DZ,PSM,CBF,CBL; Habitat: T; Effect Codes: POP; Code: TARGET(CBL,CBF,PSM,DZ,MLN,MDT).

Deshmukh, R. P. and Patil, R. S. (1996). Comparative Efficacy of Baited and Non-Baited Sprays of Insecticides and Chemical Attractant Against Fruit Flies Infesting Ridge Gourd. *Journal of maharashtra agricultural universities* 21: 346-349.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Deshmukh, S. D., Narkhede, S. S., and Borle, M. N. (1988). Ovicidal Properties of Some of the Organosynthetic Insecticides Against the Eggs of Spotted Bollworm *Earias Fabia* Stoll. *Indian j entomol* 50: 249-254.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Deshpande, R. R., Shaw, S. S., Shrivastav, R. C., and Mandloi, K. C. (1988). Relative Toxicity of Pesticides Against Red Spider Mite *Eutetranychus orientalis* (Klein) on Citrus. *Pesticides* 22: 45-46.

EcoReference No.: 118674

Chemical of Concern: DCF,SFR,DMT,MLN,ES; Habitat: T; Effect Codes: POP; Code: TARGET(DCF,ES,DMT,MLN,SFR).

Desmarchelier, J. M. (1977). Selective Treatments, Including Combinations of Pyrethroid and Organophosphorus Insecticides. For Control of Stored Product Coleoptera at Two Temperatures. *Journal of Stored Products Research* 13: 129-137.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Devashayam, S. (1989). Residual Toxicity of Certain Insecticides to Leaf Gall Thrips (*Liothrips Karnyi* Bagnall) on Black Pepper. *Entomon* 14: 79-80.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Devi, D. A., Mohandas, N., and Visalakshy, A. (1986). Residues of Fenthion Quinalphos and Malathion in Paddy Grains Following Surface Treatment of Gunny Bags. *Agric res j kerala* 24: 222-224.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Devonshire, A. L. (1991). Role of Esterases in Resistance of Insects to Insecticides. *638th meeting of the biochemical society, reading, england, uk, april 10-12, 1991. Biochem soc trans* 19: 755-759.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Devonshire, Alan L. and Moores, Graham D. (1984). Characterisation of Insecticide-Insensitive Acetylcholinesterase: Microcomputer-Based Analysis of Enzyme Inhibition in Homogenates of Individual House Fly (*Musca Domestica*) Heads. *Pesticide Biochemistry and Physiology* 21: 341-348.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Dey, K. and Pande, Y. D. (1987). Efficacy of Insecticides in Controlling *Sternochetus-Gravis* Fabricius. *Indian j agric sci* 57: 678-680.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhaliwal, B. K. and Chawla, R. P. (1997). Investigation Into the Specificity of Malathion Resistance in *Tribolium Castaneum* (Herbst) From Punjab. *Journal of insect science* 10: 42-44.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1990). Alternative Insecticides for the Control of Mango Mealy Bug, *Drosicha Mangiferae* Green to Overcome the Failure of Usually Available Insecticides. *J entomol res (new delhi)* 14: 139-141.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1994). Development of Resistance in the Bean Aphid, *Aphis Craccivora* Koch. To Various Insecticides

Used for Nearly a Quarter Century. *Journal of entomological research (new delhi)* 18: 105-108.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1999). Effect of Some Important Insecticides on the Adults of Coccinella Septempunctata Linn. Predating on Different Aphid Species. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 23, no. 2, pp. 127-131. Jun 1999.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1994). Lower Toxicity Impact of Common Insecticides Used for More Than Three Decades as Exemplified by the Relative Susceptibility of Adults of Diaphorina Citri Kuw. (Homoptera: Psyllidae). *Journal of entomological research (new delhi)* 18: 331-334.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1991). Periodic Checking to Detect Development of Resistance in Mustard Aphid, Lipaphis Erysimi Kalt. To Recommended Insecticides Used for More Than Two Decades. *J entomol res (new delhi)* 15: 88-92.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1993). Proper Choice of Emulsifiers to Improve the Toxicity of Malathion to the Adults of Tribolium Castaneum Hbst. *Journal of entomological research (new delhi)* 17: 181-184.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. (1998). Susceptibility Status of Castor Semilooper, Achaea Janata Linn. To Pyrethroids and Non-Pyrethroid Insecticides During the Last Decade. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 22, no. 1, pp. 43-47. Mar 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. and Lal, O. P. (1991). Relative Toxicity of Different Insecticides to the Adults of Phyllotreta Cruciferae (Goeze) (Coleoptera: Chrysomelidae). *J entomol res (new delhi)* 15: 74-75.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S., Murugesan, K., and Sridevi, D. (1995). Insecticidal Safety Limits of the Coccinellid, Menochilus Sexmaculatus Fabricius Predating on Different Aphid Species. *Journal of entomological research (new delhi)* 19: 43-47.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dhingra, S. and Sarup, P. (1990). Development of Techniques for Detecting Resistance in Crop Pests to Insecticides. *J entomol res (new delhi)* 14: 156-163.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dikshit, A. K. (1988). Residues of Pirimiphos-Methyl and Malathion Spray on Green Gram Vigna-Radiata Stored in Jute Sacks. *Indian j agric sci* 58: 506-507.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Diraviam, J. and Viraktamath, C. A. (1993). Toxicity of Some Insecticides to Curinus Coeruleus Mulsant

(Coleoptera: Coccinellidae), an Introduced Predator of the Subabul Psyllid. *Entomon* 18: 77-79.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Doichuanngam, K. and Thornhill, R. A. (1992). Penetration, Excretion and Metabolism of Super(14)C Malathion in Susceptible and Resistant Strains of *Plutella Xylostella*. *Comparative Biochemistry and Physiology, C [COMP. BIOCHEM. PHYSIOL., C.]*. Vol. 101C, no. 3, pp. 583-588. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Doichuanngam, K. and Thornhill, R. A. (1989). The Role of Non-Specific Esterases in Insecticide Resistance to Malathion in the Diamondback Moth *Plutella-Xylostella*. *Comp biochem physiol c comp pharmacol toxicol* 93: 81-86.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dong, Y. X. and Tang, Z. H. (2000). Molecular Mechanisms of Target Resistance in the Organophosphate- and Pyrethroid-Resistant *Helicoverpa Armigera* (Huebner). *Entomologica Sinica [Entomol. Sinica]*. Vol. 7, no. 1, pp. 58-64. Mar 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Donnelly, J. W. (1993). *Aedes-Aegypti* in New Jersey. *J am mosq control assoc* 9: 238.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dowd, Patrick F. (1988). Toxicological and Biochemical Interactions of the Fungal Metabolites Fusaric Acid and Kojic Acid With Xenobiotics in *Heliothis Zea* (F.) And *Spodoptera Frugiperda* (J.e. Smith). *Pesticide Biochemistry and Physiology* 32: 123-134.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dowell, R. V. (1997). Laboratory Toxicity of a Photo Activated Dye Mixture to Six Species of Beneficial Insects. *Journal of applied entomology* 121: 271-274.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dowell, R. V. (1997). Laboratory Toxicity of a Photo Activated Dye Mixture to Six Species of Beneficial Insects. *J.Appl.Entomol.* 121: 271-274.

EcoReference No.: 66413

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN).

Downs, A. M. R., Stafford, K. A., and Coles, G. C. (2000). Susceptibility of British Head Lice, *Pediculus Capitis*, to Imidacloprid and Fipronil. *Medical and Veterinary Entomology [Med. Vet. Entomol.]*. Vol. 14, no. 1, pp. 105-107. Mar 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Drummond, R. O. (1981). Susceptibility of the Cayenne Tick to Acaricides. *J.Econ.Entomol.* 74: 470-472.

EcoReference No.: 113468

Chemical of Concern: DDT,FNTH,TXP,AsTo,PPHD,ETN,HCCH,MLN,DZ,CBL,CMPH,CPY,PSM,AMZ;
Habitat: T; Effect Codes: REP,MOR; Code: TARGET(AMZ,PSM,CPY,CMPH,CBL,TCF,DZ,MLN).

Drummond, R. O. (1988). Susceptibility of the Gulf Coast Tick Acari Ixodidae to Acaricides. *J econ entomol* 81: 1140-1142.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Drummond, R. O., Gladney, W. J., Whetstone, T. M., and Ernst, S. E. (1971). Laboratory Testing of Insecticides for Control of the Winter Tick. *J.Econ.Entomol.* 64: 686-688.

EcoReference No.: 113239

Chemical of Concern:

PPHD,TXP,FNTH,ETN,As,HCCH,RTN,MLN,DZ,TCF,PSM,CBL,PPX,CMPH,CPY; Habitat: T; Effect Codes: REP,MOR; Code: TARGET(MLN,DZ,TCF,PSM,CBL,PPX,CMPH,CPY,RTN).

Drummond, R. O., Gladney, W. J., Whetstone, T. M., and Ernst, S. E. (1971). Testing of Insecticides Against the Tropical Horse Tick in the Laboratory. *J.Econ.Entomol.* 64: 1164-1166.

EcoReference No.: 113240

Chemical of Concern: PPHD,As,HCCH,FNTH,ETN,TCF,PPX,PSM,MLN,CPY,DZ,CMPH,CBL; Habitat: T; Effect Codes: REP,MOR; Code: TARGET(PPX,PSM,MLN,CPY,DZ,CBL,TCF,CMPH).

Duan, J. J. and Prokopy, R. J. (1995). Development of Pesticide-Treated Spheres for Controlling Apple Maggot Flies (Diptera: Tephritidae): Pesticides and Residue-Extending Agents. *J.Econ.Entomol.* 88: 117-126.

EcoReference No.: 112274

Chemical of Concern: DMT,TLM,MOM,MLN,FNV,AZ,CBL; Habitat: T; Effect Codes: MOR,BEH; Code: TARGET(MLN,FNV,AZ,CBL,TLM,MOM,DMT).

Duan, J. J. and Prokopy, R. J. (1995). Development of Pesticide-Treated Spheres for Controlling Apple Maggot Flies (Diptera: Tephritidae): Pesticides and Residue-Extending Agents. *Journal of economic entomology* 88: 117-126.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dubey, O. P., Odak, S. C., and Gargav, V. P. (1991). Ovicidal Action of Insecticides on Eggs of Gram-Pod Borer *Heliothis-Armigera*. *Indian j agric sci* 61: 291-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Durairaj, C. and Ganapathy, N. (1999). Toxicity of Nine Insecticides to Three Species of Blister Beetle (*Mylabris* Spp) in Pigeonpea (*Cajanus Cajan*). *Indian journal of agricultural sciences* 69: 468-469.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Duran, M. and Stevenson, H. R. (1983). Insecticide Resistance in Adult *Culex Quinquefasciatus* Mosquitoes From Olongapo City, Philippines. *Southeast Asian Journal of Tropical Medicine & Public Health [SOUTHEAST ASIAN J. TROP. MED. PUBLIC. HEALTH.]*. Vol. 14, no. 3, pp. 403-406. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E. and Blackman, Dorothy G. (1972). Laboratory Evaluation of Organophosphorus Insecticides Against Susceptible and Malathion-Resistant Strains of *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 8: 103-109.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E. and Blackman, Dorothy G. (1970). The Spread of Insecticide Resistance in *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 6: 255-261.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E., Ellis, Valerie J., and Lloyd, C. J. (1966). Studies on the Contrasting Susceptibilities of the Larvae of Two Hide Beetles (*Dermestes* Spp.; Coleoptera, Dermestidae) to Malathion. *Journal of Stored Products Research* 1: 223-224.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E. and Forster, Ruth (1973). Studies on Insecticide Resistance in *Oryzaephilus Mercator* (Fauv.) (Coleoptera, Silvanidae). *Journal of Stored Products Research* 9: 159-164.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E. and Rowlands, D. G. (1970). The Effects of Some Insecticide Synergists on the Potency and Metabolism of Bromophos and Fenitrothion in *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 6: 1-18.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Dyte, C. E. and Rowlands, D. G. (1968). The Metabolism and Synergism of Malathion in Resistant and Susceptible Strains of *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 4: 157-173.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Easwaramoorthy, S., David, H., and Bai, K. S. (Relative Toxicity of Certain Insecticides to *Adelencyrtus Mayurai* (Subba Rao), a Parasitoid of Sugarcane Scale Insect, *Melanaspis Glomerata* (Green).

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Edelson, J. V. and Peters, M. (1997). Control of Aphids on Spinach 1996. Saxena, c. R. *Arthropod management tests*, vol. 22. Iv+469p. *Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2*. 22: 165-166.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Edelson, J. V. and Peters, M. (1997). Control of Squash Bug on Watermelon 1996. Saxena, c. R. *Arthropod management tests*, vol. 22. Iv+469p. *Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2*. 22: 192.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Efird, P. K., Inman, A. D., Dame, D. A., and Meisch, M. V. (1991). Efficacy of Various Ground-Applied Cold Aerosol Adulticides Against *Anopheles Quadrimaculatus*. *J am mosq control assoc* 7: 207-209.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ehler, L. E. (1989). Effect of Malathion-Bait Sprays on the Spatial Structure of a Parasite Guild. *Entomol exp appl* 52: 15-22.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ehler, L. E. and Kinsey, M. G. (1991). Ecological Recovery of a Gall Midge and Its Parasite Guild Following Disturbance. *Environ entomol* 20: 1295-1300.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Eisa, A. A. and Ammar, I. Ma (1992). Persistence of Insect Growth Regulators Against the Rice Weevil, *Sitophilus Oryzae* in Grain Commodities. *Phytoparasitica* 20: 7-13.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Agamy, F. M. and Haynes, K. F. (1992). Susceptibility of the Pea Aphid (Homoptera: Aphididae) to an Insecticide and a Predator in the Presence of Synthetic Aphid Alarm Pheromone. *J econ entomol* 85: 794-798.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Gazzar, L. M., Milio, J., Koehler, P. G., and Patterson, R. S. (1986). Insecticide Resistance in the Cat Flea *Ctenocephalides-Felis Siphonaptera Pulicidae*. *J econ entomol* 79: 132-134.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Gazzar, L. M., Milio, J., Koehler, P. G., and Patterson, R. S. (1986). Insecticide Resistance in the Cat Flea (Siphonaptera: Pulicidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 79, no. 1, pp. 132-134. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Gazzar, L. M., Patterson, R. S., and Koehler, P. G. (1988). Comparisons of Cat Flea Siphonaptera Pulicidae Adult and Larval Insecticide Susceptibility. *Fla entomol* 71: 359-363.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Kady, E. A., Abdel-Megeed, M. I., and El-Gantiry, A. M. (1988). Comparative Potency of Certain Insecticides Against Aphids. *International symposium on crop protection, part 2. Meded fac landbouwwet rijksuniv gent* 53: 741-744.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

El-Sayed, E. I. (1983). Evaluation of Some Insecticides and Insecticide Mixtures Against the Black Cutworm *Agrotis Ipsilon* (Hufn.) (Noctuidae, Lepidoptera). *Journal of the College of Agriculture. King Saud University [J. COLL. AGRIC., KING SAUD UNIV.]*. Vol. 5, pp. 145-152. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Elhag, E. A. and Horn, D. J. (1983). Resistance of Greenhouse Whitefly (Homoptera: Aleyrodidae) to Insecticides in Selected Ohio Greenhouses. *J.Econ.Entomol.* 76: 945-948.

EcoReference No.: 113773

Chemical of Concern: RSM,PMR,MOM,MLN,DDVP; Habitat: T; Effect Codes: MOR; Code: TARGET(RSM,PMR,MOM,MLN,DDVP).

Eliason, D. A., Campos, E. G., Moore, C. G., and Reiter, P. (1990). Apparent Influence of the Stage of Blood Meal Digestion on the Efficacy of Ground Applied Ulv Aerosols for the Control of Urban *Culex* Mosquitoes: II. Laboratory Evidence. *J am mosq control assoc* 6: 371-375.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Elsey, K. D. (1973). *Jalysus spinosus*. Effect of Insecticide Treatments on this Predator of Tobacco Pests. *Environ.Entomol.* 2: 240-243.

EcoReference No.: 112369

Chemical of Concern: DS,CBL,TCF,MDT,CBF,MOM,ES,MLN; Habitat: T; Effect Codes: POP; Code: TARGET (DS,CBL,TCF,MDT,CBF,MOM,ES,MLN).

Elzen, G. W., Elzen, P. J., and King, E. G. (1998). Laboratory Toxicity of Insecticide Residues to *Orius Insidiosus*, *Geocoris Punctipes*, *Hippodamia Convergens*, and *Chrysoperla Carnea*. *Southwestern entomologist* 23: 335-342.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Elzen, G. W., Maldonado, S. N., and Rojas, M. G. (2000). Lethal and Sublethal Effects of Selected Insecticides and an Insect Growth Regulator on the Boll Weevil (Coleoptera: Curculionidae) Ectoparasitoid *Catolaccus Grandis* (Hymenoptera: Pteromalidae). *Journal of Economic Entomology [J. Econ. Entomol.]*. Vol. 93, no. 2, pp. 300-303. Apr 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Elzen, G. W., Rojas, M. G., Elzen, P. J., King, E. G., and Barcenas, N. M. (1999). Toxicological Responses of the Boll Weevil (Coleoptera: Curculionidae) Ectoparasitoid *Catolaccus Grandis* (Hymenoptera: Pteromalidae) to Selected Insecticides. *Journal of economic entomology* 92: 309-313.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Encinas Grandes a and Astudillo Sagrado E (1988). The Susceptibility of Mosquitoes to Insecticides in Salamanca Province Spain. *J am mosq control assoc* 4: 168-171.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ennik, G. C. and Hofman, T. B. (1977). Response of Pasture Grass to Thionazin and Other Pesticides. *Versl.Landbouwk.D Onderz.* 867: 41 p.

EcoReference No.: 107086

Chemical of Concern:

DMZ,CQTC,MLN,BMY,ADC,FMP,CBF,TBO,OML,MOM,PRT,PRN,CBL,DZ,CAP; Habitat: T; Effect Codes: POP; Code:

TARGET(DMZ,CQTC,CBL),EFFICACY(MLN,BMY,ADC,FMP,CBF,TBO,OML,MOM,PRT,PRN,DZ,CAP).

Eritja, R., Aranda, C., Goula, M., and Espinosa, M. (1997). Laboratory Tests of Pyrethroid and Organophosphate Insecticides on *Oxycarenus Lavaterae* (Heteroptera: Lygaeidae). *Journal of economic entomology* 90: 1508-1513.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Eto, M., Shiotsuki, T., and Hirashima, A. (1990). Reactions of Saligenin Cyclic Phosphates as Inhibitors of Esterases and Glutathione Transferases. *Seventh international congress of pesticide chemistry, hamburg, germany, august 1990. Pestic sci* 30: 454-456.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Evans, N. J. (1985). The Effectiveness of Various Insecticides on Some Resistant Beetle Pests of Stored Products from Uganda. *J.Stored Prod.Res.* 21: 105, 109 (doi: DOI: 10.1016/0022-474X(85)90030-X).

EcoReference No.: 117656

Chemical of Concern: MLN,HCCH,DM,PMR,FNT,PIRM; Habitat: T; Effect Codes: MOR,POP; Code: NO ENDPOINT(PMR),TARGET(MLN,DM,FNT,PIRM).

Evans, Nicola J. (1985). The Effectiveness of Various Insecticides on Some Resistant Beetle Pests of Stored Products From Uganda. *Journal of Stored Products Research* 21: 105-109.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Evans, P. D. and Davenport, A. P. (The Action of Pesticides on Biogenic Amine Receptors and Second Messenger Systems in Insects. *Ford, m. G., Et al. (Ed.). Ellis horwood series in biomedicine: neuropharmacology and pesticide action; neurotox '85, bath, england, 1985. 512p. Vch publishers, inc.: New york, new york, usa; weinheim, west germany; ellis horwood ltd.: Chichester, england (dist. In the usa and canada by vch publishers: deerfield beach, florida, usa) illus. Isbn 0-89573-424-9; isbn 3-527-26340-3.; 0 (0). 1986. 315-341.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Feng R. Y., Chen W. K., and Isman M. B. (1995). Synergism of Malathion and Inhibition of Midgut Esterase Activities by an Extract From Melia Toosendan (Meliaceae). *Pesticide Biochemistry and Physiology* 53: 34-41.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ferguson, A. J. and Waller, J. B. (1982). A Laboratory Evaluation of Pirimiphos Methyl and Difluron Admixed With Wheat Against the Granary Weevil. *New Zealand Journal of Agricultural Research [N.Z. J. AGRIC. RES.]*. Vol. 25, no. 1, pp. 113-117. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Fletcher, M. G. and Axtell, R. C. (1991). Susceptibilities of Northern Fowl Mite, Ornithonyssus Sylviarum (Acarina: Macronyssidae), and Chicken Mite, Dermanyssus Gallinae (Acarina: Dermanyssidae), to Selected Acaricides. *Exp appl acarol* 13: 137-142.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Fletcher, M. G. and Axtell, R. C. (1993). Susceptibility of the Bedbug, Cimex Lectularius, to Selected Insecticides and Various Treated Surfaces. *Med vet entomol* 7: 69-72.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Floore, T. G. (Laboratory Wind Tunnel Tests of Nine Insecticides Against Adult Culicoides Species Diptera Ceratopogonidae. *Fla entomol*; 68 (4). 1985 (recd. 1986). 678-682.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Fonseca-GonzÁlez, I., QuiÑ Ones, M. L., Mcallister, J., and Brogdon, W. G. (Mixed-Function Oxidases and Esterases Associated With Cross-Resistance Between Ddt and Lambda-Cyhalothrin in Anopheles Darlingi Root 1926 Populations From Colombia. *Mem Inst Oswaldo Cruz.* 2009, Feb; 104(1):18-26. [Memorias do Instituto Oswaldo Cruz].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Fontan, A. and Zerba, E. N. (1987). Mode of Entry of Insecticides in Triatoma-Infestans. *Arch insect biochem physiol* 4: 313-323.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Foshee III, W. G., Horton, D. L., Boozer, R. T., Blythe, E. K., and Staples, J. T. (2006). Dermal Efficacy Evaluation of New Insecticides for Control of Plum Curculio in Peaches. *International Journal of Fruit Science*, 5 (3) pp. 19-27, 2006.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Foster, R. N., Reuter, K. C., Black, L., and Britton, J. (1996). Evaluation of the Fungus Beauveria Bassiana With Selected Insecticide Stressors for Control of Unconfined Rangeland Grasshoppers 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 280.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Foster, R. N., Reuter, K. C., Black, L., Kahler, E., Fuller, B., and Flora, E. A. (1996). Laboratory Evaluation of Dose and Manner of Pickup of Spinosad on the Migratory Grasshopper 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 416-417.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Fouremann, P., Mason, J. M., Valencia, R., and Zimmering, S. (Chemical Mutagenesis Testing in Drosophila. X. Results of 70 Coded Chemicals Tested for the National Toxicology Program. *Environ mol mutagen* 1994;23(3):208-27: *Environ Mol Mutagen*.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Fournier, D., Bride, J. M., Hoffmann, F., and Karch, F. (1992). Acetylcholinesterase: Two Types of Modifications Confer Resistance to Insecticide. *J biol chem* 267: 14270-14274.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Frazar, E. D. and Schmidt, C. D. (1979). Susceptibility of Laboratory-Reared Horn Flies and Stable Flies to Selected Insecticides. *J.Econ.Entomol.* 72: 884-886.

EcoReference No.: 113225

Chemical of Concern: PSM,TCF,TXP,PPX,Naled,MXC,MLN,DDVP,CMPH; Habitat: T; Effect Codes: MOR; Code: TARGET(TCF,PSM,PPX,Naled,MLN,DDVP,CMPH).

Gaffar, S. A. (1989). Chemical Control of Mealy Bug Drosicha-Dalbergia Stebbing on Almond in Kashmir India. *Indian j plant prot* 17: 31-34.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gammon, D. W. (1990). Toxicology and Pharmacology of Neuroactive Agents in the Cockroach. *Huber, i., E. P. Masler and b. R. Rao (ed.). Cockroaches as models for neurobiology: applications in biomedical research, vol. Ii. Xi+326p. Crc press, inc.: Boca raton, florida, usa. Illus. Isbn 0-8493-4839-0.* 0: 125-146.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gao, Jian-Rong and Zhu, Kun Yan (2002). Increased Expression of an Acetylcholinesterase Gene May Confer

Organophosphate Resistance in the Greenbug, *Schizaphis Graminum* (Homoptera: Aphididae). *Pesticide Biochemistry and Physiology* 73: 164-173.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Garris, G. I. and Barre, N. (1991). Acaricide Susceptibility of *Amblyomma Variegatum* (Acari: Ixodidae) From Puerto Rico and Guadeloupe. *Exp appl acarol* 12: 171-180.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gaurav and Udeaan, A. S. (2004). Comparative Efficacy of Contact and Systemic Insecticides Against Mustard Aphid, *Lipaphis Erysimi* (Kaltenbach) Over the Past 14 Years in Punjab. *Annals of Biology* 20: 47-50.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Georghiou, G. P. (Insecticide Resistance the Tephritidae Next. *Economopoulos, a. P. (Ed.). Fruit flies; second international symposium held in conjunction with the international atomic energy agency's fruit fly genetic sexing research coordination meeting, colymbari, crete, greece, september 16-21, 1986. 590p. Elsevier science publishers: amsterdam, netherlands (dist. For usa and canada by elsevier science publishing co. Inc.: New york, new york, usa). Illus. Isbn 0-444-98946-3.; 0 (0). 1987. 27-40.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Georghiou, G. P., Wirth, M., Tran, H., Saume, F., and Knudsen, A. B. (1987). Potential for Organophosphate Resistance in *Aedes-Aegypti* Diptera Culicidae in the Caribbean Area and Neighboring Countries. *J med entomol* 24: 290-294.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gerberg, E. J., Todd, R. G., and Giglioli, M. E. C. (1981). Dilute Aqueous Emulsions of Fenitrothion and Malathion Applied With a Hudson Porta-Pak) Against *Aedes Aegypti* . *MOSQ. NEWS. Vol. 41, no. 2, pp. 322-324. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gerson, U., Mozes-Koch, R., and Cohen, E. (1991). Enzyme Levels Used to Monitor Pesticide Resistance in *Varroa Jacobsoni*. *J apic res* 30: 17-20.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ghorab, M. M., Abdel-Hamide, S. G., Ali, G. M., and Shaurub E-S, H. (1996). Synthesis and Insecticidal Activity of Some New 3-(4(3h)-Quinazolinone-2-Yl) Thiomethyl)-1,2,4-Triazole-5-Thiols. *Pesticide science* 48: 31-35.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ghorpade, S. (1990). Esterase Activity and Associated Resistance of Rice Brown Planthopper, *Nilaparvata Lugens* (Stal) to Insecticides. *J insect sci* 3: 152-157.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ghorpade, S. A. (1993). Studies on Oxidase Activity in Strains of Rice Brown Planthopper, *Nilaparvata Lugens* (Stal.) Resistant to Insecticides. *Journal of insect science* 6: 85-88.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ghule, B. D. and Dhumal, V. S. (1992). Chemical Control of Scale Insects on Pomegranate. *J maharashtra agric univ* 17: 322-323.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gibson, R. L. and Scott, J. G. (1989). Comparative Toxicity of Fourteen Insecticides to Two Species of Carpenter Ants Hymenoptera Formicidae. *J econ entomol* 82: 1121-1124.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Giga, D. P. and Mazarura, U. M. (1990). Malathion Resistance in Sitophilus-Zeamais Mostch in Zimbabwe. *Trop pest manage* 36: 320.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Giga, D. P., Mutemerewa, S., Moyo, G., and Neeley, D. (1991). Assessment and Control of Losses Caused by Insect Pests in Small Farmers' Stores in Zimbabwe. *Crop Protection* 10: 287-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Giles, P. H. (1965). Control of Insects Infesting Stored Sorghum in Northern Nigeria. *Journal of Stored Products Research* 1: 145-158.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gillani, W. A., Irshad, M., Hashmi, A. A., Ahmad, M., and Shakoori, A. R. (eds) (1992). Comparison of Selected Insecticides Against Stored Grain Insect Pests.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gillenwater, H. B. and McDonald, L. L. (1977). Toxicity, Repellency, and Attractancy of Slow-Release Insecticide Dispensers. *J.Ga.Entomol.Soc.* 12: 261-267.

EcoReference No.: 117173

Chemical of Concern: CBL,CHD,CPY,TVP,MLN,MXC,PPB; Habitat: T; Effect Codes: MOR,BEH; Code: TARGET(CBL,CPY,TVP,MLN,PPB).

Gillespie, D. R. (1985). Impact of Feeding by Lepidoptera Larvae on the Production of Highbush Blueberry in the Lower Fraser Valley British-Columbia Canada. *Can entomol* 117: 949-954.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gogoi, I., Handique, R., and Dolui, A. K. (2001). Efficacy of Pogostemon Parviflorus and Clerodendron Siphonanthus Extracts on Some Major Stored Grain Pests. *Journal of Ecophysiology and Occupational Health [J. Ecophysiology Occup. Health]*. Vol. 1, no. 1-2, pp. 35-41. Jun 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Golob, P. and Ashman, F. (1974). The Effect of Oil Content and Insecticides on Insects Attacking Rice Bran. *Journal of Stored Products Research* 10: 93-103.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Golob, P., Changjaroen, P., Ahmed, A., and Cox, J. (1985). Susceptibility of Prostephanus Truncatus (Horn) (Coleoptera: Bostrichidae) to Insecticides. *Journal of Stored Products Research* 21: 141-150.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Goltapeh, E. M. (A Sciarid Mushroom Fly in India and Its Biology. *Maheer, m. J. (Ed.). Mushroom science, vol. Xiii. Science and cultivation of edible fungi, vols. 1 and 2; 13th international congress, dublin, ireland, september 1-6, 1991. Xx+442p.(Vol. 1); ix+403p.(Vol. 2) a. A. Balkema: rotterdam, netherlands; brookfield, vermont, usa. Illus. Maps. Isbn 90-5410-022-2(vol. 1); isbn 90-5410-023-0(vol. 2); isbn 90-5410-021-4(set).; 0 (0). 1991. 471-476.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Goodyer, G. J. (1982). Laboratory Assessment of Insecticides Against the Common Armyworm, *Mythimna Convecta* (Walker), and Southern Armyworm, *Persectania Ewingii* (Westwood) (Lepidoptera: Noctuidae). *GEN. APPL. ENTOMOL. Vol. 14, pp. 33-34. 1982.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gough, N. and Montgomery, B. L. (1994). Efficacy of Insecticides Against *Stethopachys Formosa* Baly (Coleoptera: Chrysomelidae), a Pest of Orchids in Eastern Australia. *Journal of the australian entomological society* 33: 351-352.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gouhar, K. A., Mansour, M. M., Guirguis, M. W., and Amer, M. L. (Development of Resistance to Carbaryl, Malathion and Lindane in a Strain of *Callosobruchus Maculatus* (Coleoptera: Bruchidae). *Bull entomol soc egypt econ ser; 0 (12). 1980-1981 (1984) (recd. 1985). 5-10.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Goyal, G. and Gupta, A. B. (1994). Training Rural Adolescents About Grain Storages in Hoshiarpur District. *Journal of research punjab agricultural university* 31: 477-482.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Grant, J. A., Parker, B. L., and Damardjati, D. S. (1990). Controlled-Release Insecticides for Stored-Grain Pest Control in Indonesia: Ii. Warehouse Trial. *Asean food j* 5: 71-78.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Grant, J. A., Parker, B. L., and Suharto, H. (1990). Controlled-Release Insecticides for Stored-Grain Pest Control in Indonesia: I. Laboratory Tests. *Asean food j* 5: 34-42.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Graves, P. M., Osgood, D. E., Thomson, M. C., Sereke, K., Araia, A., Zerom, M., Ceccato, P., Bell, M., Del Corral, J., Ghebreselassie, S., Brantly, E. P., and Ghebremeskel, T. (Effectiveness of Malaria Control During Changing Climate Conditions in Eritrea, 1998-2003. *Trop Med Int Health. 2008, Feb; 13(2):218-28. [Tropical medicine & international health : TM & IH].*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Green, A. A. (1967). The Protection of Dried Sea-Fish in South Arabia From Infestation by *Dermestes Frischii* Kug. (Coleoptera, Dermestidae). *Journal of Stored Products Research* 2: 331-332.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Green, A. A. and Tyler, P. S. (1966). A Field Comparison of Malathion, Dichlorvos and Fenitrothion for the Control of *Oryzaephilus Surinamensis* (L.) (Coleoptera, Silvanidae) Infesting Stored Barley. *Journal of Stored Products Research* 1: 273-285.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Green, A. A., Tyler, P. S., Kane, Joyce, and Rowlands, D. G. (1970). An Assessment of Bromophos for the Protection of Wheat and Barley. *Journal of Stored Products Research* 6: 217-228.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Greenhalgh, R. (1991). Agrochemicals Pesticides and Other Strategies for Pest Control. *Impact sci soc (engl ed)* 40: 27-36.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Grier, C. C. and Vogt, D. J. (Effects of Aphid Honeydew on Soil Nitrogen Availability and Net Primary Production in an *Alnus Rubra* Plantation in Western Washington (Usa).

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Grimes, E. W. and Cone, W. W. (1985). Control of the Grape Mealybug *Pseudococcus-Maritimus* Homoptera Pseudococcidae on Concord Grape in Washington Usa. *J entomol soc b c* 82: 3-6.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Groves, R. L., Mcallistar, J. C., Meek, C. L., and Meisch, M. V. (1994). Evaluation of Aerial and Ground-Applied Adulticides Against Mosquito Species in Arkansas and Louisiana. *Journal of the american mosquito control association* 10: 407-412.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Guedes, R. N. C., Dover, B. A., and Kambhampati, S. (1996). Resistance to Chlorpyrifos-Methyl, Pirimiphos-Methyl, and Malathion in Brazilian and U.s. Populations of *Rhyzopertha Dominica* (Coleoptera: Bostrichidae). *Journal of Economic Entomology*, 89 (1) pp. 27-32, 1996.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Guedes, R. N. C., Kambhampati, S., Dover, B. A., and Zhu, K. Y. *. (1997). Biochemical Mechanisms of Organophosphate Resistance in *Rhyzopertha Dominica* (Coleoptera: Bostrichidae) Populations From the United States and Brazil. *Bulletin of Entomological Research [BULL. ENTOMOL. RES.]*. Vol. 87, no. 6, pp. 581-586. Dec 1997.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Guedes, R. N. C., Zhu, K. Y., Kambhampati, S., and Dover, B. A. (1997). An Altered Acetylcholinesterase Conferring Negative Cross-Insensitivity to Different Insecticidal Inhibitors in Organophosphate-Resistant Lesser Grain Borer, *Rhyzopertha Dominica*. *Pesticide Biochemistry and Physiology* 58: 55-62.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Guneidy, A., Ebeid, A., and Salem, H. (1988). Development and Reversion of Malathion Resistance in Adult *Culex Pipiens* . *Indian Journal of Entomology*. Vol. 50, no. 1, pp. 45-54. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Guneidy, A., Ebeid, A., and Salem, H. (1988). Measurements of the Level of Resistance to Insecticides in Adult *Culex Pipiens* in Egypt. *Indian j entomol* 50: 82-99.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gupta, B. K., Ahmad, S. I., and Veer, V. (1989). Relative Toxicity of Some Conventional Insecticides Against Adult Beetles of *Calopepla Leayana* Latr. (Chrysomelidae: Coleoptera). *Indian for* 115: 430-434.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gupta, B. K. and Borse, S. S. (1997). Relative Toxicity of Some Insecticides as Contact Poison Against Third Instar Larvae of *Hyblaea Puera* (Lepidoptera: Hyblaeidae). *Indian forester* 123: 427-429.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gupta, B. K. and Veer, V. (Laboratory Bioassay of Some Insecticides as Contact Poison Against Third Instar Larvae of *Glyphodes-Pyloalis* Walker Lepidoptera Pyralidae. *Indian for*; 112 (6). 1986 (recd. 1987). 528-533.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gupta, R. P., Srivastava, V. K., Bhardwaj, B. S. , and Pandey, U. B. (Chemical Control of Thrips-Tabaci Infesting Onion Crop. *J entomol res (new delhi)*; 8 (2). 1984 (recd. 1985). 196-198.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Gyimesi, Z. S., Hayden, E. R., and Greiner, E. C. (Sticktight Flea (*Echidnophaga Gallinacea*) Infestation in a Victoria Crowned Pigeon (*Goura Victoria*). *J Zoo Wildl Med.* 2007, Dec; 38(4):594-6. [*Journal of zoo and wildlife medicine : official publication of the American Association of Zoo Veterinarians*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hagstrum, D. W. (1970). Laboratory Studies on the Effect of Several Insecticides on *Tarentula kochi*. *J.Econ.Entomol.* 63: 1844-1847.

EcoReference No.: 113238

Chemical of Concern: CBL,MXC,PRN,MLN; Habitat: T; Effect Codes: MOR,ACC; Code: TARGET(MLN,CBL).

Hagstrum, D. W. and Flinn, P. W. (1990). Simulations Comparing Insect Species Differences in Response to Wheat Storage Conditions and Management Practices. *J econ entomol* 83: 2469-2475.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Haliscak, J. P. and Beeman, R. W. (1983). Status of Malathion Resistance in Five Genera of Beetles Infesting Farm-Stored Corn, Wheat, and Oats in the United States. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 76, no. 4, pp. 717-722. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Halliday, W. R. (1990). Comparative Fitness of Malathion-Resistant and Susceptible Indianmeal Moth (Lepidoptera: Pyralidae). *J entomol sci* 25: 239-245.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Halpern, M. E. and Morton, R. A. (1987). Reproductive and Developmental Defects in a Malathion-Resistant, Laboratory-Selected Population of *Drosophila Melanogaster*. *Pesticide Biochemistry and Physiology* 28: 44-56.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hama, H. (1990). Insecticide Resistance of Diamondback Moth *Plutella-Xylostella* in Japan. *Jarq (jpn agric res q)* 24: 22-30.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hama, H. and Hosoda, A. (1983). High Aliesterase Activity and Low Acetylcholinesterase Sensitivity Involved in Organophosphorus and Carbamate Resistance of the Brown Planthopper, *Nilaparvata Lugens* Stal (Homoptera; Delphacidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 18, no. 4, pp. 475-485. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hardman, J. M., Rogers, M. L., Gaul, S. O., and Bent, E. D. (1997). Insectary Rearing and Initial Testing in Canada of an Organophosphate/Pyrethroid-Resistant Strain of the Predator Mite *Typhlodromus pyri* (Acari: Phytoseiidae) from New Zealand. *Environ.Entomol.* 26: 1424-1436.

EcoReference No.: 111622

Chemical of Concern: AZ,PIM,PSM,CYP,MOM,MLN; Habitat: T; Effect Codes: POP,MOR; Code: TARGET(AZ,PIM,PSM,CYP,MOM,MLN).

Hardman, J. M., Rogers, M. L., Gaul, S. O., and Bent, E. D. (1997). Insectary Rearing and Initial Testing in Canada of an Organophosphate/Pyrethroid-Resistant Strain of the Predator Mite *Typhlodromus Pyri* (Acari: Phytoseiidae) From New Zealand. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 26, no. 6, pp. 1424-1436. Dec 1997.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hardstone, Melissa C., Baker, Steven A., Gao, Jianwei, Ewer, John, and Scott, Jeffrey G. (2006). Deletion of *Cyp6d4* Does Not Alter Toxicity of Insecticides to *Drosophila Melanogaster*. *Pesticide Biochemistry and Physiology* 84: 236-242.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hare, J. D. (1980). Contact Toxicities of Ten Insecticides to Connecticut Populations of the Colorado Potato Beetle. *J.Econ.Entomol.* 73: 230-231.

EcoReference No.: 113739

Chemical of Concern: OML,MLN,ES,CBF,CBL,ADC,PSM,AZ; Habitat: T; Effect Codes: MOR; Code: TARGET(AZ,OML,ES,MLN,CBF,CBL,ADC,PSM).

Harlow, C. D. and Lampert, E. P. (1990). Resistance Mechanisms in Two Color Forms of the Tobacco Aphid (Homoptera: Aphididae). *J econ entomol* 83: 2130-2135.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Harmon, J. D. and Ross, M. H. (1989). Effects of Malathion and Diazinon Exposure on Female German Cockroaches (Dictyoptera: Blattellidae) and Their Oothecae. *Proceedings of the Entomological Society of Washington [PROC. ENTOMOL. SOC. WASH.]*. Vol. 90, no. 2, pp. 248-255. 1989.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Harris, C. R. and Gore, F. (1970). Laboratory Tests on the Contact Toxicity of Some Insecticides to Adults of the Cabbage Flea Beetle, *Phyllotreta cruciferae*. *J.Econ.Entomol.* 63: 1025-1026.

EcoReference No.: 113242

Chemical of Concern:

CPY,DZ,MOM,CBL,DS,HCCCH,ES,AND,DMT,Naled,PRN,PSM,TVPM,MLN,END; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN),NO
ENDPOINT(CPY,DZ,MOM,CBL,DS,ES,DMT,Naled,PSM,TVPM).

Harris, C. R., Turnbull, S. A., and Mcleod, D. Gr (1985). Contact Toxicity of 21 Insecticides to Adults of the Carrot Rust Fly *Psila-Rosae* Diptera Psilidae. *Can entomol* 117: 1025-1028.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Harris, R. L. (1976). Susceptibility of the Three Species of Tabanids to Certain Insecticides. *Southwest.Entomol.* 1: 52-55.

EcoReference No.: 62548

Chemical of Concern:

CBL,CPY,CMPH,DDT,DZ,DDVP,DMT,ETN,PMR,MLN,MXC,Naled,PSM,PPX,PYN,TVPM,TXP,TCF;
Habitat : T; Effect Codes: MOR; Code:
TARGET(CBL,CPY,CMPH,DZ,DDVP,DMT,PMR,MLN,Naled,PSM,PPX,TVPM,TCF).

Harvey, T. L. and Brethour, J. R. (1986). Dust Bag and Backrubber Applications of Insecticides for Control of Pyrethroid-Resistant Horn Flies, *Haematobia Irritans* (L.). *Preventive Veterinary Medicine* 3: 537-540.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Harvey, T. L. and Hackerott, H. L. (1970). Chemical Control of a Greenbug on Sorghum and Infestation Effects on Yields. *J.Econ.Entomol.* 63: 1536-1539.

EcoReference No.: 113214

Chemical of Concern: DS,DMT,DZ,PRN,MLN; Habitat: T; Effect Codes: MOR,GRO,PHY; Code:
EFFICACY(MLN),TARGET(DMT,DS,DZ).

Hasan, S. B., Deo, P. G., and Majumder, S. K. (1990). Effect of Dietary Citrate in Reducing Housefly Resistance to Insecticides. *Current science. Bangalore [CURR. SCI.]*. Vol. 59, no. 7, pp. 376-377. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hassan, A. and Dauterman, W. C. (Studies on the Optically Active Isomer of O,O-Diethyl Malathion and O,O-Diethyl Malaoxon. *Biochem. Pharmacol.*; 17(7), 1431-9, 1968; (ref:24).

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Haunerland, N. H. and Bowers, W. S. (1986). Binding of Insecticides to Lipophorin and Arylphorin Two Hemolymph Proteins of *Heliothis-Zea*. *Arch insect biochem physiol* 3: 87-96.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Havron, A., Rose, D., Prag, H., and Rossler, Y. (1991). Selection for Pesticide Resistance in *Aphytis*: I. *Aphytis* *Holoxanthus*, a Parasite of the Florida Red Scale. *Entomol exp appl* 61: 221-228.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Havron, A., Rosen, D., and Roessler, Y. (1987). A Test Method for Pesticide Tolerance in Minute Parasitic Hymenoptera. *Entomophaga*. Vol. 32, no. 1, pp. 83-95. 1987.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Havron, A., Rosen, D., and Rossler, Y. (1987). A Test Method for Pesticide Tolerance in Minute Parasitic Hymenoptera. *Entomophaga* 32: 83-96.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hayashi, A., Kaul, D., Hatsukade, M., Tewari, R. R., Shinonaga, S., and Agrawal, U. R. (1994). Field Tests of the Susceptibility Level of the Housefly, *Musca Domestica*, to Five Synthetic Insecticides in Allahabad, India. *Japanese journal of sanitary zoology* 45: 291-297.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

He, Y., Ma, E., and Zhu, K. Y. *. (2004). Characterizations of General Esterases in Relation to Malathion Susceptibility in Two Field Populations of the Oriental Migratory Locust, *Locusta Migratoria Manilensis* (Meyen). *Pesticide Biochemistry and Physiology [Pestic. Biochem. Physiol.]*. Vol. 78, no. 2, pp. 103-113. Feb 2004.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Heitz, J. R. (1997). Pesticidal Applications of Halogenated Xanthene Dyes. *Phytoparasitica* 25: 89-92.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Helyer, N., Brobyn, P. J., Richardson, P. N., and Edmondson, R. N. (1995). Control of Western Flower Thrips (*Frankliniella Occidentalis* Pergande) Pupae in Compost. *Annals of applied biology* 127: 405-412.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J. (1983). The Joint Action of Malathion and Ibp Against Malathion-Resistant and -Susceptible Strains of *Anopheles Stephensi*. *Bulletin of The World Health Organization [BULL. W.H.O.]*. Vol. 62, no. 3, pp. 445-449. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J., Boddington, R. G., Harris, J., and Dunbar, S. J. (1989). Mechanisms of Insecticide Resistance in *Aedes-Aegypti* L. Diptera Culicidae From Puerto Rico. *Bull entomol res* 79: 123-130.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J., Callaghan, A., and Amin, A. M. (1990). Mechanisms of Organophosphate and Carbamate Resistance in *Culex Quinquefasciatus* From Saudi Arabia. *Med vet entomol* 4: 275-282.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J. and Davidson, G. (Resistance to Organophosphate and Carbamate Insecticides in *Anopheles-Atroparvus*. *Parassitologia (rome)*; 25 (1). 1983 (1984) (recd. 1985). 1-8.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J., Jayawardena, K. Gi, Weerasinghe, I., and Herath, P. Rj (1987). The Use of Biochemical Tests to Identify Multiple Insecticide Resistance Mechanisms in Field-Selected Populations of *Anopheles-Subpictus*

Grassi Diptera Culicidae. *Bull entomol res* 77: 57-66.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J., Rowland, M., and Kissoon, K. E. (1984). Efficacy of Pirimiphos Methyl as a Larvicide or Adulticide Against Insecticide Resistant and Susceptible Mosquitoes (Diptera: Culicidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 4, pp. 868-871. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, J., Smith, C., Jayawardena, K. Gi, and Herath, P. Rj (Field and Laboratory Detection of the Altered Acetylcholinesterase Resistance Genes Which Confer Organophosphate and Carbamate Resistance in Mosquitoes Diptera Culicidae. *Bull entomol res*; 76 (4). 1986 (recd. 1987). 559-566.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hemingway, Janet (1982). The Biochemical Nature of Malathion Resistance in Anopheles Stephensi From Pakistan. *Pesticide Biochemistry and Physiology* 17: 149-155.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hennessey, M. K. and King, J. R. (1996). Abamectin Bait for Caribbean Fruit Fly (Diptera: Tephritidae). *Journal of Economic Entomology*, 89 (4) pp. 987-989, 1996.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herbert, D. A. Jr. (1992). Control of Twospotted Spider Mite in Peanut, 1991. *Insectic.Acaric.Tests* 17: 247 (90F).

EcoReference No.: 108033

Chemical of Concern: FNZ,BFT,OML,DCF,MLN; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(FNZ),TARGET(BFT,OML,DCF,MLN).

Herbert, D. A Jr (1992). Control of Twospotted Spider Mite in Peanut 1991. *Burditt, a. K. Jr. (Ed.). Insecticide and acaricide tests, vol. 17. Ii+421p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 247.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herbert, D. A Jr (1998). Evaluation of Selected Foliar Applied Insecticides on Potato Leafhopper in Virginia-Type Peanut 1997. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 23. Iv+418p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-77-9. 23: 253-254.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herbert, D. A Jr (1992). Foliar Treatments for Control of Tobacco Thrips in Peanut 1991. *Burditt, a. K. Jr. (Ed.). Insecticide and acaricide tests, vol. 17. Ii+421p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 245-246.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herbert, D. A Jr (1991). Peanut Arachis-Hypogaea L. Nc-11c Twospotted Spider Mile Tssm Tetranychus-Urticae Koch Control of Twospotted Spider Mite in Peanut 1990. *Thomas, j. H. (Ed.). Insecticide and acaricide tests, vol. 16. 327p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 208.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herbert, D. A Jr (1991). Peanut Arachis-Hypogaea L. Nc 7 Potato Leafhopper Pl Empoasca-Fabae Harris Potato Leafhopper Control in Peanut in Virginia Usa. *Thomas, j. H. (Ed.). Insecticide and acaricide tests, vol. 16. 327p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 207-208.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herman, R. A. (Quantification of Insect-Induced Foliage Damage Using a High-Capacity Laboratory Bioassay.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herron, G. A. (1990). Resistance to Grain Protectants and Phosphine in Coleopterous Pests of Grain Stored on Farms in New South Wales. *Journal of the Australian Entomological Society [J. AUST. ENTOMOL. SOC.]. Vol. 29, no. 3, pp. 183-189. 1990.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Herron, G. A. (1990). Resistance to Grain Protectants and Phosphine in Coleopterous Pests of Grain Stored on Farms in New South Wales (Australia). *J aust entomol soc* 29: 183-189.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hii, J. L. K. (1984). Insecticide Susceptibility Studies of Three Cryptic Species of the Anopheles Balabacensis Complex. *Southeast Asian Journal of Tropical Medicine & Public Health [SOUTHEAST ASIAN J. TROP. MED. PUBLIC HEALTH.]. Vol. 15, no. 1, pp. 104-111. 1984.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hill, A. R. (1986). Choice of Insecticides in Steiner Traps Affects the Capture Rate of Fruit Flies (Diptera: Tephritidae). *J econ entomol* 79: 533-536.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hindmarsh, P. S. and MacDonald, I. A. (1980). Field Trials to Control Insect Pests of Farm-Stored Maize in Zambia. *Journal of Stored Products Research* 16: 9-18.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hinks, C. F. and Spurr, D. T. (1991). The Efficacy and Cost Benefits of Binary Mixtures of Deltamethrin Combined With Other Insecticides or Synergists Against Grasshoppers at Two Temperatures. *J agric entomol* 8: 29-40.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hirai, K. (1994). Current Status of Insecticide Susceptibility in the Brown Planthopper Nilaparvata Lugens Stal in Japan. *Journal of pesticide science* 19: 225-227.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hislop, R. G. and Prokopy, R. J. (1981). Integrated Management of Phytophagous Mites in Massachusetts (U.s.a.)Apple Orchards 2. Influence of Pesticides on the Predator Amblyseius Fallacis (Acarina: Phytoseiidae) Under Laboratory and Field Conditions. *PROT. ECOL. Vol. 3, no. 2, 157 p. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ho, S. H., Goh, P. M., and Leong, E. Cw (1994). Toxicity of Some Organophosphorus and Carbamate Insecticides

to *Periplaneta Americana* L. And Inhibition of Non-Specific Esterases by the Insecticides. *International pest control* 36: 154-155.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ho, T. M., Fauziah, M. K., and Saleh, I. (Laboratory Evaluation of Five Pesticides for Control of *Leptotrombidium Fletcheri* (Acari: Trombiculidae).

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hodges, R. J. (1986). The Biology and Control of *Prostephanus-Truncatus* Coleoptera Bostrichidae a Destructive Storage Pest With an Increasing Range. *J stored prod res* 22: 1-14.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hoelmer, K. A. and Dahlsten, D. L. (1993). Effects of Malathion Bait Spray on *Aleyrodes Spiraeoides* (Homoptera: Aleyrodidae) and Its Parasitoids in Northern California. *Environ entomol* 22: 49-56.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Holbrook, F. R. (1988). Insecticide and Acaricide Tests Vol. 13. *Holbrook, f. R. (Ed.). Insecticide and acaricide tests, vol. 13. Iv+459p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: Iv+459p.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hole, Barbara D., Bell, C. H., and Bowley, C. R. (1985). The Toxicity of Methyl Chloroform to Stored Product Insects. *Journal of Stored Products Research* 21: 95-100.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hole, U. B. and Salunkhe, G. N. (1996). Evaluation of Some Modern Pesticides Against Rose Aphid, *Macrosiphum Rosae* Linnaeus. *Journal of maharashtra agricultural universities* 21: 433-435.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hopkins, A. R., Taft, H. M., and James, W. (1975). Reference LD50 Values for Some Insecticides Against the Boll Weevil. *J.Econ.Entomol.* 68: 189-192.

EcoReference No.: 113410

Chemical of Concern: MP,MLN,DCTP,CBF,CBL,AZ,PSM,TXP,DDT,MXC; Habitat: T; Effect Codes: MOR; Code: TARGET(MP,MLN,DCTP,CBF,CBL,PSM,AZ).

Horton, P. M. (1984). Evaluation of South Carolina Field Strains of Certain Stored-Product Coleoptera for Malathion Resistance and Pirimiphos-Methyl Susceptibility. *Journal of Agricultural Entomology [J. AGRIC. ENTOMOL.]*. Vol. 1, no. 1, pp. 1-5. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Haupt, D. R., Pursey, J. C., and Morton, R. A. (1988). Genes Controlling Malathion Resistance in a Laboratory-Selected Population of *Drosophila-Melanogaster*. *Genome* 30: 844-853.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Howell, M. S. and Reed, J. T. (1998). Laboratory Evaluation of Insecticides for Control of Tarnished Plant Bugs in Mississippi 1997. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 23. Iv+418p. Entomological*

society of america: lanham, maryland, usa. Isbn 0-938522-77-9. 23: 370.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hoy, J. B. and Dahlsten, D. L. (1984). Effects of Malathion and Staley's Bait on the Behavior and Survival of Parasitic Hymenoptera. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 13, no. 6, pp. 1483-1486. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hsieh, C. Y. and Allen, W. W. (1986). Effects of Insecticides on Emergence Survival Longevity and Fecundity of the Parasitoid *Diaeretiella-Rapae* Hymenoptera Aphidiidae From Mummified Myzus-Persicae Homoptera Aphididae. *J econ entomol* 79: 1599-1602.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hsu, J., Feng, H., and Wu, W. (2004). Resistance and Synergistic Effects of Insecticides in *Bactrocera Dorsalis* (Diptera: Tephritidae) in Taiwan. *Journal of Economic Entomology [J. Econ. Entomol.]*. Vol. 97, no. 5, pp. 1682-1688. Oct 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hsu, J. C. and Feng, H. T. (2000). Insecticide Susceptibility of the Oriental Fruit Fly (*Bactrocera Dorsalis* (Hendel))(Diptera: Tephritidae) in Taiwan. *Chinese Journal of Entomology [Chin. J. Entomol.]*. Vol. 20, no. 2, pp. 109-118. Jun 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hu, M. Y., Klocke, J. A., Chiu, S. F., and Kubo, I. (1993). Response of Five Insect Species to a Botanical Insecticide, Rhodojaponin Ii. *J econ entomol* 86: 706-711.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hughes, P. B., Green, P. E., and Reichmann, K. G. (1984). Specific Resistance to Malathion in Laboratory and Field Populations of the Australian Sheep Blowfly, *Lucilia Cuprina* (Diptera: Calliphoridae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 6, pp. 1400-1404. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hughes, P. B., McKenzie, J. A., Ford, M. G., Holloman, D. W., Khambay, B. P. S., and Sowicki, R. M. (eds) (1987). Insecticide Resistance in the Australian Sheep Blowfly, *Lucilia Cuprina* : Speculation, Science and Strategies.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hunter, D. K., Collier, S. J., and Hoffman, D. F. (1975). Compatibility of Malathion and the Granulosis Virus of the Indian Meal Moth. *Journal of Invertebrate Pathology* 25: 389-390.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hurej, M. and Dutcher, J. D. (1994). Indirect Effect of Insecticides Used in Pecan Orchards to Larvae of *Chrysoperla Rufilabris* (Neuroptera: Chrysopidae). *Journal of entomological science* 29: 450-456.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hurkova, J. and Tiittanen, K. (1982). Pesticide-Resistance Spectrum in a Laboratory Strain of Tetranychus Urticae Koch (Acarina, Tetranychidae). *Annales Entomologici Fennici [ANN. ENTOMOL. FENN.]*. Vol. 48, no. 3, pp. 71-74. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hussain, A., Quayyoom, M. A., Rathore, H. R., and Naqvi, Z. H. (1989). Base Line Susceptibility Values of Three Different Insecticides Against Tribolium-Castaneum Herbst in the Laboratory. *Pak j zool* 21: 387-390.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hussain, T. and Sabir, G. (1985). Relative Toxicity of Insecticides to Larvae of Athalia Proxima Klug. *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 17, no. 1, pp. 63-66. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hussain, T. and Saeed, M. (1982). Susceptibility of 5th Instar Diacrisia Obliqua Wlk. Larvae to Organophosphorus Insecticides. *Pakistan Journal of Scientific and Industrial Research [PAK. J. SCI. IND. RES.]*. Vol. 25, no. 3, pp. 71-73. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Hussein, M. Y. and Fong, C. H. (1989). Sub-Lethal Toxicity of Dimethoate and Malathion to Menochilus Sexmaculatus Fabr. (Coleoptera: Coccinellidae) and Its Prey, Aphis Spp. *Pertanika* 12: 143-148.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ifantidis, M., Thrasyvoulou, A., and Pappas, N. (1988). Application of Contact Acaricide Against Varroa Mites With Contaminated Proteinaceous Food. *Apidologie* 19: 131-138.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Inoue, T. (On the Control of Insecticide Resistant Rice Leafhoppers and Planthoppers Kumihop a Mixture of O O Diisopropyl-S-Benzylphosphorothiolate and Malathion. *Jpn pestic inf; 0 (47)*. 1985 (recd. 1986). 14-16.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Irshad, M. and Gillani, W. A. (1990). Resistance in Tribolium Castaneum (Herbst) (Coleoptera: Tenebrionidae) Against Malathion. *Pak j zool* 22: 257-262.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Irshad, M. and Naeemullah, M. (1992). Population Growth Rate of Malathion-Resistant and Susceptible Strains of Red Flour Beetle Tribolium Castaneum (Herbst) (Coleoptera: Tenebrionidae). *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 24, no. 1, pp. 31-33. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ishaaya, I., Yablonski, S., Ascher, K. R. S., Donahaye, E., and Navarro, S. (eds) (1987). Toxicological Biochemical Aspects of Novel Acylureas on Resistant and Susceptible Strains of Tribolium Castaneum .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Islam, M. S. and Talukder, F. A. (2005). Toxic and Residual Effects of Azadirachta Indica, Tagetes Erecta and Cynodon Dactylon Seed Extracts and Leaf Powders Towards Tribolium Castaneum. *Zeitschrift fur*

Pflanzenkrankheiten und Pflanzenschutz, 112 (6) pp. 594-601, 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ismail, I. I., El-Nagar, S., and Attia, A. A. (Field Evaluation of Certain Aphicides. *Bull entomol soc egypt econ ser*; 0 (13). 1982-1983 (1985) (recd. 1986). 161-170.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jackson, D. S. and Lee, B. G. (1985). Medfly Mediterranean Fruit Fly *Ceratitis-Capitata* in California Usa 1980-1982. *Bull entomol soc am* 31: 29-37.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jacob, S. and Verma, S. (1987). Efficacy of Insecticides Against the Population of Aphid *Brevicoryne-Brassicae* on Cauliflower. *Indian j agric sci* 57: 857-861.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jain, S. and Yadav, T. D. (1989). Persistence of Deltamethrin, Etrinfos and Malathion on Different Storage Surfaces. *Pesticides (bombay)* 23: 21-24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jain, S. C. (1985). Insecticidal Control of Yellow Mosaic Virus Disease of Moth Bean Transmitted by Whitefly *Bemisia-Tabaci*. *Indian bot rep* 4: 87-88.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jamal, K., Qamar, A., Murad, H., and Murad, N. (2001). Inhibitory Effect of Cythion (Malathion) on the Biology of Red Cotton Bug, *Dysdercus Koenigii* F. (Hemiptera: Pyrrhocoridae). *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 25, no. 2, pp. 113-120. Jun 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Javier, P. A., Havron, A., Morallo-Rejesus, B., and Rosen, D. (1991). Selection for Pesticide Resistance in *Aphytis*: Iii. Male Selection. *Entomol exp appl* 61: 237-246.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jay, Edward G. and Pearman, Jr. Gordon C. (1971). Susceptibility of Two Species of *Tribolium* (Coleoptera: Tenebrionidae) to Alterations of Atmospheric Gas Concentrations. *Journal of Stored Products Research* 7: 181-186.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jay, Edward G., Redlinger, L. M., and Laudani, Hamilton (1970). The Application and Distribution of Carbon Dioxide in a Peanut (Groundnut) Silo for Insect Control. *Journal of Stored Products Research* 6: 247-254.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jayarathnam, K. (1992). Pests. *Sethuraj, m. R. And n. M. Mathew (ed.). Developments in crop science*, vol. 23. *Natural rubber: biology cultivation and technology*. Xii+610p. Elsevier science publishers b.v.: Amsterdam, netherlands New york, new york, usa. Isbn 0-444-88329-0.; 0: 360-369.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jayasena, K. W. and Randles, J. W. (The Effect of Insecticides and a Plant Barrier Row on Aphid Populations and the Spread of Bean Yellow Mosaic Potyvirus and Subterranean Clover Red Leaf Luteovirus in Vicia Faba in South Australia. *Ann appl biol*; 107 (3). 1985 (recd. 1986). 355-364.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jensen, G. L., Johnson, G. D., and McLendon, M. E. (1993). Cereal Leaf Beetle Control in Wheat and Barley 1992. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa. 0: 295.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jhala, R. C., Patel, Z. P., Patel, K. G., Patel, M. B., and Patel, C. B. (1993). Chemical Control of Bud Boring Insects Anarsia-Achrasella Bradley and Nephopteryx-Eugraphella Ragonot on Sapota. *Int pest control* 35: 75-77.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jhala, R. C., Shah, A. H., Patel, C. B., and Patel, R. L. (1985). Effectiveness of Different Insecticides Against Bud Boring Insects Anarsia-Achrasella and Nephopteryx-Eugraphella on Chiku. *Gujarat agric univ res j* 11: 27-29.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Johnson, D. T. and Mayes, R. L. (1989). Biology and Control of the Red-Necked Cane Borer Agrilus-Ruficollis F. Coleoptera Buprestidae on Blackberries in Arkansas Usa. *J entomol sci* 24: 204-208.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Johnson, S. (1999). Evaluation of Mycotrol and Micromite for Citrus Mealybug Control in Louisiana, 1998. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 24. V+478p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-86-8 24: 92.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Johnson, S. J. and Bourgeois, W. J. (1999). Evaluation of Mycotrol for Citrus Whitefly Control in Louisiana, 1998. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 24. V+478p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-86-8 24: 86.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Joia, B. S. and Kumar, A. (1996). Development of Malathion Resistance in Sitophilus Oryzae (L.) In Punjab (India). *Journal of entomological research (new delhi)* 20: 53-57.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Jones, J. M. (1984). Organophosphorus Poisoning in Two Rex Rabbits. *New Zealand Veterinary Journal [N.Z. VET. J.]*. Vol. 32, no. 1-2, pp. 9-10. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Joshi, K. C. and Meshram, P. B. (1991). Evaluation of Some Insecticides Against the Tendu Gall Insect Trioza-Obsoleta Buckton Homoptera Psyllidae. *Indian for* 117: 143-146.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kalra, V. K., Sharma, S. S., Chauhan, R., and Bhanot, J. P. (1997). Shift in the Level of Resistance Together With Relative Toxicity of Some Commonly Used and Important Insecticides to Diamond Back Moth, *Plutella Xylostella* (L.) In Haryana (India). *Journal of entomological research (new delhi)* 21: 351-354.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kanga, L. H. B., Pree, D. J., Van Lier, J. L., and Walker, G. M. (1999). Monitoring for Resistance to Organophosphorus, Carbamate, and Pyrethroid Insecticides in the Oriental Fruit Moth (Lepidoptera: Tortricidae). *Canadian Entomologist*, 131 (4) pp. 441-450, 1999.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kao, L. R., Motoyama, N., and Dauterman, W. C. (1985). The Purification and Characterization of Esterases From Insecticide-Resistant and Susceptible House Flies. *Pesticide Biochemistry and Physiology* 23: 228-239.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Karim, K. N. S., Das, B. C., and Khalequzzaman, M. (2001). Effect of Insecticides on Aubergine Aphid, *Aphis Gossypii* Glover (Homoptera: Aphididae) at Rajshahi, Bangladesh. *Pakistan Journal of Zoology [Pak. J. Zool.]*. Vol. 33, no. 2, pp. 105-109. 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Karnatak, A. K., Khare, B. P., and Johari, R. K. (1991). Relative Toxicity of Some Organophosphorus and Synthetic Pyrethroid Insecticides Against *Sitophilus Oryzae* Linnaeus. *Agric biol res* 7: 91-100.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Karunaratne, S. H. and Hemingway, J. (Insecticide Resistance Spectra and Resistance Mechanisms in Populations of Japanese Encephalitis Vector Mosquitoes, *Culex Tritaeniorhynchus* and *Cx. Gelidus*, in Sri Lanka. *Med vet entomol*. 2000, dec; 14(4):430-6. [*Medical and veterinary entomology*]: *Med Vet Entomol*.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Karunaratne, S. H. P. P., Damayanthi, B. T., Fareena, M. H. J., Imbuldeniya, V., and Hemingway, J. (2007). Insecticide Resistance in the Tropical Bedbug *Cimex hemipterus*. *Pestic.Biochem.Physiol.* 88: 102-107.

EcoReference No.: 109569

Chemical of Concern: PPX,MLN,DDT,PMR,DM; Habitat: T; Effect Codes: MOR,BCM,CEL; Code: TARGET(DM,PMR,MLN,PPX).

Karunaratne, S. H. P. P., Damayanthi, B. T., Fareena, M. H. J., Imbuldeniya, V., and Hemingway, J. (2007). Insecticide resistance in the tropical bedbug *Cimex hemipterus*. *Pesticide Biochemistry and Physiology* 88: 102-107.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Karunaratne SHPP and Hemingway, J. *. (2001). Malathion Resistance and Prevalence of the Malathion Carboxylesterase Mechanism in Populations of Mosquito Vectors of Disease in Sri Lanka. *Bulletin of The World Health Organization [Bull. W.H.O.]*. Vol. 79, no. 11, pp. 1060-1064. 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kasana, A., Matin, M. A., and Rafi, M. A. (1995). Efficacy of Malathion Against Larvae of *Pieris Brassicae* (L.). *Pakistan Journal of Zoology* [PAK. J. ZOOL.]. Vol. 27, no. 4, pp. 359-361. 1995.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kasap, H., Kasap, M., Alptekin, D., Lueleyap, U. e., and Herath, P. R. J. (2000). Insecticide Resistance in *Anopheles Sacharovi* Favre in Southern Turkey. *Bulletin of The World Health Organization* [Bull. W.H.O.]. Vol. 78, no. 5, pp. 687-692. 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kashyap, N. P., Mehta, P. K., and Dhindsa, S. S. (1990). Relative Toxicity of Some Insecticides to *Heliothis Armigera* (Hub.). *J insect sci* 3: 200-201.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kathuria, V., Ram, P., and Saini, R. K. (2000). Susceptibility of *Heliothis Armigera* (Huebner) Eggs to Different Insecticides. *Journal of Entomological Research* [J. Entomol. Res.]. Vol. 24, no. 3, pp. 213-217. Sep 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Katole, S. R., Mesham, L. H., Mahajan, R. K., and Mankar, S. W. (1994). Relative Toxicity of Some Pesticides to Blackfly Pupae on Citrus. *Crop research (hisar)* 7: 105-108.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kawai, A. (1990). Control of Thrips-Palmi Karny in Japan. *Jarq (jpn agric res q)* 24: 43-48.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Keever, D. W., Mullen, M. A., Press, J. W., and Arbogast, R. T. (1986). Augmentation of Natural Enemies for Suppressing Two Major Insect Pests in Stored Farmers Stock Peanuts. *Environ entomol* 15: 767-770.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Keiser, I., Khattak, S. Uk, Ashraf, M., and Silva, J. A. (1988). Enhanced Longevity and Species-Specific Resistance to Malathion of Adult Mediterranean Fruit Flies Melon Flies and Oriental Fruit Flies Fed on Diets With Hydrolyzed Protein. *J environ sci health part a environ sci eng* 23: 299-310.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kence, M. and Jdeidi, T. (1997). Effect of Malathion on Larval Competition in House Fly (Diptera: Muscidae) Populations. *Journal of economic entomology* 90: 59-65.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kence, M. and Kence, A. (1993). Control of Insecticide Resistance in Laboratory Populations of House Fly (Diptera: Muscidae) by Introduction of Susceptibility Genes. *J econ entomol* 86: 189-194.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kence, M. and Kence, A. (1992). Genetic Consequences of Linkage Between Malathion Resistance and an Autosomal Male-Determining Factor in House Fly (Diptera: Muscidae). *J econ entomol* 85: 1566-1570.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kenkel, P., Criswell, J. T., Cuperus, G. W., Noyes, R. T., Anderson, K., and Fargo, W. S. (1994). Stored Product Integrated Pest Management. *Food reviews international* 10: 177-193.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kerah-HinzoumbÉ, C, PÉ, Ka, M., Nwane, P., Donan-Gouni, I., Etang, J., SamÈ, -Ekobo, A., and Simard, F. (Insecticide Resistance in Anopheles Gambiae From South-Western Chad, Central Africa. *Malar J.* 2008; 7:192. [*Malaria journal*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, A., Baker, P. S., and Pollard, G. V. (2002). Laboratory Tests of the Effects of Three Insecticides on Ancylostoma Stercorea and Its Parasitoids. *Tests of Agrochemicals and Cultivars*, - (23) pp. 2-3, 2002.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, A. A. and Khan, M. F. (1992). Efficacy of Some Insecticides Against Nymphal Stage of the Desert Locust. *PAK. J. ENTOMOL.* Vol. 7, no. 1-2, pp. 65-70. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, A. R., Faruki, S. I., and Pramanik, M. R. (1999). The Combined Efficacy of Dipel Registered and Malathion on the Development and Reproductive Potential of the Tropical Warehouse Moth, Cadra Cautella (Walker) on Dried Mango. *Entomon [Entomon]*. Vol. 24, no. 4, pp. 315-322. Dec 1999.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan Lohar, M. and Wright, D. J. (1990). Indirect Effect of Malathion (Ld Sub(5)) on Haemolymph Carbohydrate Concentration in Tenebrio Molitor) L. Adults (Coleoptera: Tenebrionidae). *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 22, no. 1, pp. 9-13. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, M. H. and Srivastava, S. C. (1987). Control of Ixodid Ticks by Chemicals II. Bioassay Tests Against Hyalomma-Anatolicum-Anatolicum Koch. *Indian j anim health* 26: 99-104.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

khan, M. H. and Srivastava, S. C. (1987). Control of Ixodid Ticks by Chemicals. II. Bioassay Tests Against Hyalomma (Hyalomma) Anatolicum Anatolicum Koch. *Indian Journal of Animal Health [INDIAN J. ANIM. HEALTH.]*. Vol. 26, no. 2, pp. 99-103. 1987.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, M. H. and Srivastava, S. C. (1988). Control of Ixodid Ticks by Chemicals. IV. Bioassay Tests Against Rhipicephalus H. Haemaphysaloides Supino. *Indian Journal of Animal Health*. Vol. 27, no. 2, pp. 91-94. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, M. H. and Srivastava, S. C. (1989). Control of Ixodid Ticks by Chemicals: VI. In Vivo Trials With Some Promising Ixodicides. *Indian j anim health* 28: 107-114.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khan, S. A., Dutta, P., Narain, K., Handique, R., and Srivastava, V. K. (1997). 1studies on Day-Time Resting Habits of Je Vector Mosquitoes in Upper Assam With a Note on Insecticide Susceptibility Status. *Journal of communicable diseases* 29: 367-370.

Chemical of Concern: MLN; Habitat: AT; Code: TARGET(MLN).

Khoo, B. K. and Sutherland, D. J. (1983). The Susceptibility Status of Aedes Sollicitans Adults to Topically Applied Malathion. *MOSQ. NEWS. Vol. 43, no. 4, pp. 441-444. 1983.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khoo, B. K., Sutherland, D. J., Sprenger, D., Dickerson, D., and Nguyen, H. (1988). Susceptibility Status of Aedes-Albopictus to Three Topically Applied Adulticides. *J am mosq control assoc* 4: 310-313.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khoo, Hazel G. N., Kim Ping Wong, Sit, K. H., and Ho, B. C. (1992). A Fluorimetric Assay of General Esterase Activity in Individual Larva, Pupa and Adult Mosquito. *Insect Biochemistry and Molecular Biology* 22: 227-235.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Khosla, R., Chhillar, B. S., and Kashyap, R. K. (2005). Efficacy of Insecticidal Dusts on Natural Infestation of Trogoderma Granarium (Everts) on Wheat Seeds. *Annals of Biology, 21 (1) pp. 69-72, 2005.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kilonzo, B. S. (1986). The Baseline Susceptibility Levels of Laboratory-Reared Tanzania Fleas to Malathion. *Insect sci appl* 7: 525-528.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kilonzo, B. S. and Gisakanyi, N. D. (1988). Observations on the Susceptibility of Ctenocephalides-Felis Siphonaptera Pulicidae to Malathion and Permethrin in Tanzania. *Med vet entomol* 2: 325-330.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

King, J. R. and Hennessey, M. K. (1996). Spinosad Bait for the Caribbean Fruit Fly (Diptera: Tephritidae). *Florida Entomologist. Vol. 79, no. 4, pp. 526-531. Dec 1996.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kirkpatrick, R. L., Redlinger, L. M., Simonaitis, R. A., and Zettler, J. L. (1983). Stability and Effectiveness of Fenitrothion on Corn to Control Stored-Product Insects. *J. GA. ENTOMOL. SOC. Vol. 18, no. 3, pp. 344-350. 1983.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Klass, M. C. and Olson, J. K. (1985). The Effects of Selected Rice and Soybean Pesticides on the Eggs of Psorophora Columbiae . *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]. Vol. 1, no. 4, pp. 458-462. 1985.*

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Klassen, W. and Schwartz, P. H Jr (1985). Agricultural Research Service Usa Research Program in Chemical Insect

Control. Hilton, J. L. (Ed.). *Beltsville symposia in agricultural research*, vol. 8. *Agricultural chemicals of the future* Meeting, Beltsville, MD, USA, May 16-19, 1983. Xv+464p. Rowman and Allanheld Publishers: Totowa, N.J., USA. Illus. ISBN 0-86598-138-8; 0: 267-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kljajic (acute), P. and Peric (acute), I. (2007). Effectiveness of Wheat-Applied Contact Insecticides Against *Sitophilus granarius* (L.) Originating From Different Populations. *Journal of Stored Products Research*, 43 (4) pp. 523-529, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kljajic, P. and Peric, I. (2007). Altered Susceptibility of Granary Weevil *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) Populations to Insecticides After Selection with Pirimiphos-Methyl and Deltamethrin. *J. Stored Prod. Res.* 43: 134-141.

EcoReference No.: 108876

Chemical of Concern: CPYM, DM, PIRM, DDVP, MLN, CYP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CPYM), TARGET(DM, PIRM, DDVP, MLN, CYP).

Kljajic, P. and Peric, I. (2007). Effectiveness of Wheat-Applied Contact Insecticides Against *Sitophilus granarius* (L.) Originating from Different Populations. *J. Stored Prod. Res.* 43: 523-529.

EcoReference No.: 113970

Chemical of Concern: PPB, DM, PIRM, CPYM, MLN, DDVP; Habitat: T; Effect Codes: MOR; Code: TARGET(DM, PIRM, CPYM, MLN, DDVP), MIXTURE(PPB).

Kljajic, P. and Peric, I. (2006). Susceptibility to Contact Insecticides of Granary Weevil *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) Originating from Different Locations in the Former Yugoslavia. *J. Stored Prod. Res.* 42: 149-161.

EcoReference No.: 108749

Chemical of Concern: PPB, CYP, CPYM, DDVP, MLN, PIRM, DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(CPYM, PPB), TARGET(PIRM, DDVP, CYP, DM, MLN).

Kljajic, Petar and Peric, Ilija (2007). Altered susceptibility of granary weevil *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) populations to insecticides after selection with pirimiphos-methyl and deltamethrin. *Journal of Stored Products Research* 43: 134-141.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kljajic, Petar and Peric, Ilija (2006). Susceptibility to Contact Insecticides of Granary Weevil *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) Originating From Different Locations in the Former Yugoslavia. *Journal of Stored Products Research* 42: 149-161.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Knapp, F. W., Herald, F., and Schwinghammer, K. A. (1985). Comparative Toxicity of Selected Insecticides to Laboratory-Reared and Field-Collected Face Flies (Diptera: Muscidae). *Journal of Economic Entomology* [J. ECON. ENTOMOL.]. Vol. 78, no. 4, pp. 860-862. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Knowles, C. O. and El-Sayed, G. N. (1985). Formanilide Enhancement of Acaricide Toxicity to *Tetranychus urticae* Koch (Acari, Tetranychidae). *J. Econ. Entomol.* 78: 308-310.

EcoReference No.: 112001

Chemical of Concern:

FYT,CHX,EN,FBOX,PFF,MP,MLN,CPY,AZ,FVL,FNV,FPP,CYP,PMR,AMZ,DM,MOM,ADC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL
CODED(CPY),TARGET(MOM,ADC,DM,AMZ,CYP,FNV,FVL,AZ,MLN,MP,PFF,FBOX,FPP,PMR).

Knowles, C. O. and El-Sayed, G. N. (1985). Formanilide Enhancement of Acaricide Toxicity to Tetranychus Urticae Koch (Acari, Tetranychidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]* 78: 308-310.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Koch, H. G. and Burkwhat, H. E. (1983). Susceptibility of the American Dog Tick (Acari: Ixodidae) to Residues of Acaricides: Laboratory Assays. *J.Econ.Entomol.* 76: 337-339.

EcoReference No.: 113231

Chemical of Concern:

CHD,PYN,MXC,BDC,RTN,RSM,Naled,ATN,AMZ,CMPH,PSM,CBL,CPY,DZ,PPX,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(PSM,CBL,CPY,DZ,PPX,MLN,CMPH,AMZ,ATN,Naled,RSM,RTN).

Koch, H. G. and Burkwhat, H. E. (1984). Susceptibility of the Brown Dog Tick (Acari: Ixodidae) to Fresh Residues of Acaricides: Laboratory Assays and Comparison of Susceptibility of Different Life Stages of the Lone Star and American Dog Tick. *J.Econ.Entomol.* 77: 670-674.

EcoReference No.: 113740

Chemical of Concern:

CHD,MXC,TXP,MLN,HCCH,ATN,Naled,FNTH,CPY,TCF,DDVP,DZ,TVP,RTN,CMPH,CBL,PYN,PSM,AMZ,RSM,PMR,BDC,PPX; Habitat: T; Effect Codes: MOR; Code: TARGET(PPX,PMR,RSM,PSM,CBL,CMPH,RTN,TVP,DZ,DDVP,TCF,CPY,Naled,ATN,MLN,AMZ).

Koch, H. G., Burkwhat, H. E., and Tuck, M. D. (1985). Field Method for Evaluating the Effectiveness of Acaricides Against Lone Star Ticks (Acari: Ixodidae) on Domestic Dogs. *J.Econ.Entomol.* 78: 287-289.

EcoReference No.: 112752

Chemical of Concern: HCCH,PYN,CPY,MLN,CBL,PMR,PSM,AMZ,PPX; Habitat: T; Effect Codes: MOR; Code: TARGET(PPX,AMZ,PSM,CBL,MLN,CPY,PMR).

Koehler, P. G. and Patterson, R. S. (1986). A Comparison of Insecticide Susceptibility in Seven Nonresistant Strains of the German Cockroach *Blattella-Germanica* Dictyoptera Blattellidae. *J med entomol* 23: 298-299.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kolaczinski, J. H. and Curtis, C. F. (2004). Investigation of Negative Cross-Resistance as a Resistance-Management Tool for Insecticide-Treated Nets. *Journal of Medical Entomology [J. Med. Entomol.]*. Vol. 41, no. 5, pp. 930-934. Sep 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Konar, A., Paul, S., and Roy, P. S. (2005). Response of Adult Pulse Beetle, *Callosobruchus Chinensis* L. To Some Grain Protectants in Red Gram. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 29, no. 2, pp. 135-137. Jun 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Konno, Y. (1989). Studies on Resistance Mechanism and Synergism in the Op-Resistant Rice Stem Borer *Chilo-Suppressalis* Walker. *J pestic sci* 14: 373-382.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Koren, B., Yawetz, A., and Perry, A. S. (1984). Biochemical Properties Characterizing the Development of Tolerance to Malathion in *Ceratitis Capitata* Wiedemann (Diptera: Tephritidae). *Journal of Economic Entomology* [J. ECON. ENTOMOL.]. Vol. 77, no. 4, pp. 864-867. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kostaropoulos, I., Papadopoulos, A. I., Metaxakis, A., Boukouvala, E., and Papadopoulou-Mourkidou, E. (The Role of Glutathione S-Transferases in the Detoxification of Some Organophosphorus Insecticides in Larvae and Pupae of the Yellow Mealworm, *Tenebrio Molitor* (Coleoptera: Tenebrionidae). *Pest manag sci.* 2001, jun; 57(6):501-8. [Pest management science]: *Pest Manag Sci.*

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Kozioł, F. S. and Semtner, P. J. (1984). Extent of Resistance to Organophosphorus Insecticides in Field Populations of the Green Peach Aphid (Homoptera: Aphididae) Infesting Flue-Cured Tobacco in Virginia . *J.Econ.Entomol.* 77: 1-3.

EcoReference No.: 112678

Chemical of Concern: MP,MLN,ACP,DS; Habitat: T; Effect Codes: MOR; Code: OK(DS,ACP,MP),TARGET(MLN).

Kozioł, F. S. and Witkowski, J. F. (1982). Synergism Studies With Binary Mixtures of Permethrin Plus Methyl Parathion, Chlorpyrifos, and Malathion on European Corn Borer Larvae. *Journal of Economic Entomology* [J. ECON. ENTOMOL.]. Vol. 75, no. 1, pp. 28-30. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Krishnaiah, P. V. and Bhaskaran, P. (1988). Efficacy of Malathion and Its Combinations With Dicofol Zineb and Urea in Controlling Major Insect Pests of Cabbage and Brinjal. *Pesticides (bombay)* 22: 49-52.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Krishnakumar, N. K. and Srinivasan, K. (1987). Efficacy and Economics of Pest Control in Okra With Conventional and Synthetic Pyrethroid Insecticides. *Indian j plant prot* 15: 81-84.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Krishnakumar, R. and Visalakshi, A. (1989). Relative Toxicity of Insecticides to Rice Bug *Leptocoris a Acuta* Thunb. *Entomon* 14: 365-366.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Krishnamoorthy, A. (1985). Effect of Several Pesticides on Eggs, Larvae and Adults of the Green Lace-Wing *Chrysopa Scelestes* Banks. *Entomon.* Vol. 10, no. 1, pp. 21-28. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kulkarni, S. M., Geevarghese, G., and George, P. J. (1992). Susceptibility Status of Five Species of Japanese Encephalitis Vectors to Insecticides From Kolar District, Karnataka. *Indian j med res sect a* 95: 297-300.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kulkarni, S. M. and Naik, P. S. (1991). Susceptibility Studies on *Culex Tritaeniorhynchus* Giles, 1901, to Insecticides in the State of Goa (India). *Indian j med res sect a* 93: 179-181.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, D., Roy, C. S., Yazdani, S. S., Hameed, S. F., and Khan, Z. R. (Efficacy of Some Insecticides Against Hopper Complex on Mango *Mangifera-Indica*. *Pesticides (bombay)*; 19 (11). 1985 (recd. 1986). 42-43.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, H., Jaglan, R. S., Rohilla, H. R., and Chauhan, R. (2003). Relative Efficacy of Novaluron Alone and in Combination With Other Insecticides Against Diamondback Moth, *Plutella Xylostella* L. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 27, no. 3, pp. 221-231. Sep 2003.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, M. (1989). Efficacy of Certain Insecticides in the Control of Sap Beetles on the Litchi Fruit. *Pesticides (bombay)* 23: 31-32.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, P. and Kumar Sinha, A. (1992). Effect of Malathion and Rogor on the Control of Red Cotton Bugs (*Dysdercus Koenigii*). *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 10, no. 2, pp. 350-353. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, R., Bomar, C., Copeland, C. L., Inayatullah, M., Nally, S. J., Kaltenbach, J. E., and Lloyd, J. E. (1992). The Susceptibility of Two House Fly Strains to Malathion 1991. *Burditt, a. K. Jr. (Ed.). Insecticide and acaricide tests, vol. 17. Ii+421p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0: 394.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, R., Mahla, J. C., and Kumar, V. (1994). Effect of Gunnybag Treatment With Insecticides and Plant Extracts Against Insect-Pests of Stored Rice. *Annals of biology (ludhiana)* 10: 51-54.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumar, S. and Kumar, J. (1997). Comparative Biology of Resistant and Susceptible Strains of *Epilachna Vigintioctopunctata* (Fabricius) to Malathion and Endosulfan. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 21, no. 4, pp. 303-306. Dec 1997.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kumari, R., Thapar, B. R., Das Gupta Rk, Kaul, S. M., and Lal, S. (1998). Susceptibility Status of Malaria Vectors to Insecticides in India. *Journal of communicable diseases* 30: 179-185.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Kuwahara, M., Miyata, T., Saito, T., and Eto, M. (1982). Activity and Substrate Specificity of the Esterase Associated With Organophosphorus Insecticide Resistance in the Kanzawa Spider Mite, *Tetranychus Kanzawai* Kishida (Acarina: Tetranychidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 17, no. 1, pp. 82-91. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lakra, R. K., Sangwan, M. S., and Singh, Z. (1991). Effect of Application of Some Insecticides on the Incidence of "Ber" Fruit Fly (*Carpomyia Vesuviana* Costa). *Narendra deva j agric res* 6: 71-79.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lam, W. K. and Tham, A. S. (1988). A Field Evaluation of the Effectiveness of Ulv Application of Malathion 96 Percent Technical Grade and Sumithion L-40s Against *Aedes Aegypti* (Linnaeus) and *Aedes Albopictus* (Skuse) in Ipoh Municipality, Perak, Malaysia. *Trop biomed* 5: 81-88.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lavadinho, A. M. P. (1976). Toxicological Studies on Adult *Sitophilus Gran Arius* (L.). Influence of Individual Body Weight on the Susceptibility to Ddt and Malathion. *Journal of Stored Products Research* 12: 215-224.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lavigne, R. J. (1991). Stored Grain Insects in Underground Storage Pits in Somalia and Their Control. *African association of insect scientists (aais) annual scientific conference on aspects of pest management in relation to agricultural production and environmental conservation in africa, dakar, senegal, december 7-10, 1987. Insect sci appl* 12: 571-578.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Le Patourel, G. N. J. and Tayeb, E. M. (1988). Additivity of Action of Three Organophosphorus Insecticides to Some Pests of Stored Grain, and the Use of Linear Programming to Identify Minimum Cost Mixtures. *Journal of Stored Products Research* 24: 207-214.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lee, C. W. and Giglioli, M. E. C. (1974). Aerial Applications of Malathion, Pyrethrins and a Pyrethroid on Grand Cayman for Mosquito Control. *PANS. Vol. 20, no. 2, pp. 208-214. 1974.*

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Lee, H. L., Abimbola, O., and Inder-Singh, K. (1992). Determination of Insecticide Susceptibility in *Culex Quinquefasciatus* Say Adults by Rapid Enzyme Microassays. *Southeast asian j trop med public health* 23: 458-463.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lee, H. L., Argubano, R. A., and Ahmad, R. (1997). Effect of Sublethal Dosages of Malathion on the Oral Susceptibility of *Aedes Aegypti* to Dengue-2 Virus Infection. *Southeast asian journal of tropical medicine and public health* 28: 664-665.

Chemical of Concern: MLN; Habitat: AT; Code: TARGET(MLN).

Lee, H. L. and Tadano, T. (1994). Monitoring Resistance Gene Frequencies in Malaysian *Culex Quinquefasciatus* Say Adults Using Rapid Non-Specific Esterase Enzyme Microassays. *Southeast asian journal of tropical medicine and public health* 25: 371-373.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lee, H. L., Tien, W. D., and Omar, B. (1997). Insecticide Resistance Status and Mechanisms in Malaysian *Blattella Germanica* (Linnaeus). *Southeast asian journal of tropical medicine and public health* 28: 212-217.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lee, S. E. (2000). Mosquito Larvicidal Activity of Piperonaline, a Piperidine Alkaloid Derived From Long Pepper, *Piper Longum*. *Journal of the American Mosquito Control Association [J. Am. Mosq. Control Assoc.]*. Vol. 16, no. 3, pp. 245-247. Sep 2000.

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Lee, S. E., Lees, E. M., and Campbell, B. C. (2000). Purification and Characterization of an Esterase Conferring Resistance to Fenitrothion in *Oryzaephilus surinamensis* (L.) (Insecta, Coleoptera, Silvanidae). *J.Agric.Food Chem.* 48: 4991-4996.

EcoReference No.: 105952

Chemical of Concern: FNT,MLN,CPYM; Habitat: T; Effect Codes: MOR; Code: TARGET(FNT,MLN),LITE EVAL CODED(CPYM).

Lemon, R. W. (1967). Laboratory Evaluation of Malathion, Bromophos and Fenitrothion for Use Against Beetles Infesting Stored Products. *Journal of Stored Products Research* 2: 197-210.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lemon, R. W. (1967). Laboratory Evaluation of Some Additional Organophosphorus Insecticides Against Stored-Product Beetles. *Journal of Stored Products Research* 3: 283-287.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lemon, R. W. (1966). Laboratory Evaluation of Some Organophosphorus Insecticides Against *Tribolium Confusum* Duv. And *T. Castaneum* (Hbst.) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 1: 247-253.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Leong, E. C. W. and Ho, S. H. *. (1994). Relative Tolerance of *Liposcelis Bostrychophila* (Bad.) And *L. Entomophila* (End.) To Some Organophosphorus and Carbamate Insecticides. *Insect Science and Its Application [INSECT SCI. APPL.]*. Vol. 15, no. 3, pp. 343-349. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Leong, Edmund C. W. and Ho, S. H. (1995). In Vitro Inhibition of Esterase Activity in *Liposcelis Bostrychophila* Bad. And *L. Entomophila* (End.) (Psocoptera: Liposcelididae). *Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology* 110: 121-130.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Leonova, I. N. and Slynko, N. M. (1996). Comparative Study of Insecticide Susceptibility and Activities of Detoxification Enzymes in Larvae and Adults of Cotton Bollworm, *Heliothis Armigera*. *Archives of insect biochemistry and physiology* 32: 157-172.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Leonova, I. N. and Slynko, N. M. (2004). Life Stage Variations in Insecticidal Susceptibility and Detoxification Capacity of the Beet Webworm, *Pyrausta Sticticalis* L. (Lep., Pyralidae). *Journal of Applied Entomology*

[*J. Appl. Entomol.*]. Vol. 128, no. 6, pp. 419-425. Jul 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Levot, G. W. (1992). Chemical Control of Ornithonyssus Sylviarum on Caged Layer Hens. *Med vet entomol* 6: 131-134.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Levot, G. W. and Hughes, P. B. (1989). Insecticide Resistance in Flies Diptera Muscidae From Poultry Farms. *J aust entomol soc* 28: 87-91.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lindroth, Richard L. (1989). Differential Esterase Activity in Papilio Glaucus Subspecies: Absence of Cross-Resistance Between Allelochemicals and Insecticides. *Pesticide Biochemistry and Physiology* 35: 185-191.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Liquido, N. J., Mcquate, G. T., and Cunningham, R. T. (1995). Light-Activated Toxicity of Phloxine B and Uranine to Mediterranean Fruit Fly Ceratitis Capitata Wiedemann Diptera Tephritidae Adults. *Heitz, j. R. And k. R. Downum (ed.). Acs symposium series, 616. Light-activated pest control Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-6, 1995. Viii+279p. American chemical society: washington, dc, usa. Isbn 0-8412-3334-9.; 616: 82-106.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Liu, H., Cupp, E. W., Guo, A., and Liu, N. (2004). Insecticide Resistance in Alabama and Florida Mosquito Strains of Aedes Albopictus. *Journal of Medical Entomology [J. Med. Entomol.]*. Vol. 41, no. 5, pp. 946-952. Sep 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Liu, H., Cupp, E. W., Micher, K. M., Guo, A., and Liu, N. (2004). Insecticide Resistance and Cross-Resistance in Alabama and Florida Strains of Culex Quinquenotatus. *Journal of Medical Entomology [J. Med. Entomol.]* 41: 408-413.

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Llanderal-Cazares, C., Lagunes-Tejeda, A., Carrillo-Sanchez, J. L., Sosa-Moss, C., Vera-Graziano, J., and Bravo-Mojica, H. (1996). Susceptibility of Phthorimaea Operculella (Zeller) to Insecticides. *Journal of entomological science* 31: 420-426.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lloyd, C. J. and Dyte, C. E. (1965). The Susceptibility of Larvae of Dermestes L. (Coleoptera, Dermestidae) to Some Contact Insecticides. *Journal of Stored Products Research* 1: 159-167.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lohar, M. K. and Wright, D. J. (1993). Changes in the Lipid Content in Haemolymph, Fat Body and Oocytes of Malathion Treated Tenebrio Molitor L. Adult Females. *Pakistan journal of zoology* 25: 57-60.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lohar, M. K. and Wright, D. J. (1991). Effect of Topical Application of Malathion on Haemolymph Volume of Female *Tenebrio Molitor* L. (Coleoptera: Tenebrionidae). *Pak j zool* 23: 119-122.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lohar, M. K. and Wright, D. J. (1992). Sub-Lethal Effects of Malathion on the Oxygen Consumption and Heart Beat of Female, *Tenebrio Molitor* L. (Coleoptera: Tenebrionidae). *Pak j zool* 24: 115-117.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lohar, M. Khan and Wright, D. J. (1999). Studies on the Possible Changes in Body Weight, Food Consumption and Frass Production in *Tenebrio Molitor* L. Treated With Malathion. *Pakistan journal of zoology* 31: 117-120.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lomte, V. S. and Sasane, S. R. (1992). Impact of Pesticides on Lipid Metabolism of the Tur Plum Moth *Exelastis Atomosa*. *Environment and ecology. Kalyani [ENVIRON. ECOL.]. Vol. 10, no. 1, pp. 81-84. 1992.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Lyon, R. L., Brown, S. J., and Robertson, J. L. (1972). Contact Toxicity of Sixteen Insecticides Applied to Forest Tent Caterpillars Reared on Artificial Diet. *J.Econ.Entomol.* 65: 928-930.

EcoReference No.: 112783

Chemical of Concern: DDT,FNTH,PYN,MLN,TCF,CBL,Naled,MOM,TMT,CPY; Habitat: T; Effect Codes: MOR; Code: OK(CPY),TARGET(TMT,MOM,Naled,CBL,TCF,MLN).

Lyons, D. B., Helson, B. V., Jones, G. C., and Mcfarlane, J. W. (1993). Development of a Chemical Control Strategy for the Pine False Webworm, *Acantholyda Erythrocephala* (L.) (Hymenoptera: Pamphiliidae). *Can entomol* 125: 499-511.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maa, C. Jw (1986). Ecological Approach to Male Diamondback Moth *Plutella-Xylostella* Response to Sex Pheromone. *Griggs, t. D. (Ed.). Diamondback moth management* Proceedings of the first international workshop, tainan, taiwan, mar. 11-15, 1985. Xi+471p. The asian vegetable research and development center: shanhua, taiwan. Illus. Paper.; 0: 109-124.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maa, C. Jw and Guh, S. H. (1988). Temperature and Other Extraneous Factors Affecting Malathion Susceptibility of Diamondback Moth *Plutella-Xylostella* L. *Bull inst zool acad sin (taipei)* 27: 265-274.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maa, C. Jw, Lee, S., Guh, S. H., Wang, C. M., and Hou, J. W. (Esterase Zymograms as an Assay for Detection of Resistant Populations of Diamondback Moth. *Talekar, n. S. (Ed.). Diamondback moth and other crucifer pests; second international workshop, tainan, taiwan, december 10-14, 1990. 603p. Asian vegetable research and development center (avrdc): shanhua, taiwan. Isbn 92-9058-054-2.; 0 (0). 1992. 369-381.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maa, C. Jw, Tseng, W. P., and Huan, I. C. (1990). Preliminary Characterization of the Larval Esterases and the Isozymes of Diamondback Moth, *Plutella Xylostella* (L.). *Bull inst zool acad sin (taipei)* 29: 181-194.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maa WC-J and Liao, S. C. (2000). Culture-Dependent Variation in Esterase Isozymes and Malathion Susceptibility of Diamondback Moth, *Plutella Xylostella* L. *Zoological Studies [Zool. Stud.]*. Vol. 39, no. 4, pp. 375-386. Oct 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

MagaÑ, A. C., HernÁ, Ndez-Crespo, P., Ortego, F., CastaÑ, and Era, P. (Resistance to Malathion in Field Populations of *Ceratitis Capitata*. *J Econ Entomol*. 2007, Dec; 100(6):1836-43. [Journal of economic entomology].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Maga±a, Cristina, Hern±ndez-Crespo, Pedro, Brun-Barale, Alexandra, Couso-Ferrer, Francisco, Bride, Jean Marc, Casta±era, Pedro, Feyereisen, Renθ, and Ortego, Fθlix (2008). Mechanisms of resistance to malathion in the medfly *Ceratitis capitata*. *Insect Biochemistry and Molecular Biology* 38: 756-762.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Magdalena, M., Coto, R., Lazcano, J. A. B., Soca, A., and De Fernandez, D. M. (2000). Malathion Resistance in *Aedes Aegypti* and *Culex Quinquefasciatus* After Its Use in *Aedes Aegypti* Control Programs. *Journal of the American Mosquito Control Association [J. Am. Mosq. Control Assoc.]*. Vol. 16, no. 4, pp. 324-330. Dec 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Magnuson, L. J., Kloter, K. O., and Carroll, M. K. (Wind Tunnel Evaluation of Commonly Used Adulticides Against New Orleans Louisiana Usa *Aedes-Aegypti*. *J am mosq control assoc*; 1 (2). 1985 (recd. 1986). 233-234.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mahat, N. A., Zafarina, Z., and Jayaprakash, P. T. (Influence of Rain and Malathion on the Oviposition and Development of Blowflies (Diptera: Calliphoridae) Infesting Rabbit Carcasses in Kelantan, Malaysia. *Forensic Sci Int*. 2009, Nov 20; 192(1-3):19-28. [Forensic science international].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mahmood, T. and Alam, Z. (1986). Life History and Field Evaluation of Some Insecticides Against Cabbage Butterfly. *Pak.J.Agric.Res*. 7: 307-311.

EcoReference No.: 118507

Chemical of Concern: CBL,DZ,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(CBL,DZ,MLN).

Mahmood, T., Shah, H. A., and Mahmood, M. M. (1987). Chemical Control of Cabbage Semi-Looper on Gram. *Pak j agric res* 8: 165-167.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mahr, D. L. and Dittl, T. G. (1986). Chemical, Natural, and Cultural Control of *Hyadaphis Tataricae* (Homoptera: Aphididae) on Honeysuckle. *Great Lakes Entomologist [GREAT LAKES ENTOMOL.]*. Vol. 19, no. 2, pp. 91-100. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Makhmoor, H. D. and Malhotra, A. K. (1993). Selective Toxicity of Some Insecticides to the Larvae of Syrphid, Episyrphus Balteatus and Adults of Aphid, Lipaphis Erysimi. *Indian journal of plant protection* 21: 157-160.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Malcolm, C. A. and Boddington, R. G. (1989). Malathion Resistance Conferred by a Carboxylesterase in Anopheles-Culicifacies Giles Species B Diptera Culicidae. *Bull entomol res* 79: 193-200.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mali, A. R., Rajput, S. G., and Mogal, B. H. (Relative Efficacy of Insecticides Against Onion Thrips Thrips-Tabaci. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 34-35.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mallapur, C. P., Bhat, N. S., and Lingappa, S. (1994). Control of Cabbage Pests by Insecticides. *Journal of maharashtra agricultural universities* 19: 259-261.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mani, M. (1992). Contact Toxicity of Different Pesticides to the Encyrtid Parasitoids, Aenasinus Advena and Blepyrus Insularis of the Striped Mealybug, Ferrisia Virgata. *Trop pest manage* 38: 386-390.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mani, M. (1993). Evaluation of Toxicity of Different Pesticides to the Green Lacewing, Mallada Boninensis (Chrysopidae: Neuroptera). *Journal of biological control* 7: 61-68.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mani, M. and Krishnamoorthy, A. (1997). Effects of Different Pesticides Upon the Wax Scale Parasitoid, Anicetus Ceylonensis How. (Hym.: Encyrtidae). *International journal of pest management* 43: 123-126.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mani, M. and Krishnamoorthy, A. (1990). Further Studies on the Safety of Pesticides to Anagyrus Dactylopii (Hym., Encyrtidae) and Cryptolaemus Montrouzieri (Coleop., Coccinellidae). *J biol control* 4: 80-85.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mani, M., Krishnamoorthy, A., and Rao, M. S. (1993). Toxicity of Different Pesticides to the Exotic Parasitoid Leptomastix Dactylopii How. *Indian journal of plant protection* 21: 98-99.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Manjunatha, M. and Puttaswamy (1990). Chemical Control of Spider Mite, Oligonychus indicus Hirst on Sorghum. *Indian J.Plant Prot.* 18: 37-41.

EcoReference No.: 104593

Chemical of Concern: MLN,ES,FPP,CYP,DCM,ETN,DCF; Habitat: T; Effect Codes: POP; Code: TARGET,EFFICACY(MLN,ES,FPP,CYP,DCF).

Manjunatha, M. and Puttaswamy (1990). Chemical Control of Spider Mite, *Oligonychus Indicus* Hirst on Sorghum. *Indian j plant prot* 18: 37-42.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Manouchehri, A. V. and Yaghoobi-Ershadi, M. R. (1988). Propoxur Susceptibility Test of *Anopheles Stephensi* in Southern Islamic Republic of Iran (1976-86). *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 4, no. 2, pp. 159-162. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mansingh, Ajai (1965). The Effect of Malathion on the Metabolism of Amino Acids in the German Cockroach *Blattella Germanica*. *Journal of Insect Physiology* 11: 1389-1400.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Marcos, R., Andreu, H., Velazquez, A., Xamena, N., and Creus, A. (1989). Induction of Polygenic Mutations Affecting Viability in *Drosophila* After Dichlorvos and Malathion Treatments. *Genet iber* 41: 147-160.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Martel, P., Boivin, G., and Belcourt, J. (1986). Efficacy and Persistence of Different Insecticides Against the Tarnished Plant Bug, *Lygus lineolaris* (Heteroptera: Miridae), on a Season-Long Host Plant, *Coronilla varia*. *J.Econ.Entomol.* 79: 721-725 .

EcoReference No.: 113425

Chemical of Concern:

TCF,AZ,MLN,TVP,MCB,PFF,ES,MOM,ADC,OML,DMT,PPX,DS,MTM,FNT,MVP,PMR,FNV,DDT,C BF,PSM,PHSL,SPS,IFP; Habitat: T; Effect Codes: MOR,POP; Code: OK(TCF,AZ,TVP,PFF,ES),TARGET(MLN), NO ENDPOINT(MOM,CBF,ADC,OML,DMT,PPX,FNV,PMR,MVP,FNT,MTM,PSM,DS),TARGET(MCB).

Martin, N. A., Workman, P. J., and Butler, R. C. (2005). Insecticide Bioassays for Western Flower Thrips (*Frankliniella Occidentalis*) (Thysanoptera: Thripidae) and Greenhouse Whitefly (*Trialeurodes Vaporariorum*) (Hemiptera: Aleyrodidae). *New Zealand Journal of Crop and Horticultural Science*, 33 (2) pp. 177-184, 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Martin, S. H., Graves, J. B., Leonard, B. R., Burris, E., Micinski, S., Powell, J. D., and Roberson, J. (1996). Susceptibility Status of Boll Weevils From Louisiana to Eleven Insecticides. *Southwestern entomologist* 21: 59-74.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mason, D. J. and Crozier, B. (1988). An Analytical Study of Formulations Containing Malathion. *Pestic sci* 22: 317-332.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mason, P. L. (1998). Selection for and Against Resistance to Insecticides in the Absence of Insecticide: a Case Study of Malathion Resistance in the Saw-Toothed Grain Beetle, *Oryzaephilus Surinamensis* (Coleoptera: Silvanidae). *Bulletin of Entomological Research*, 88 (2) pp. 177-188, 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Masoodi, M. A., Bhat, A. M., and Koul, V. K. (1989). Toxicity of Insecticide to Adults of *Encarsia-Perniciosi* Hymenoptera Aphelinidae. *Indian j agric sci* 59: 50-52.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matambo, T. S., Abdalla, H., Brooke, B. D., Koekemoer, L. L., Mnzava, A., Hunt, R. H., and Coetzee, M. (Insecticide Resistance in the Malarial Mosquito *Anopheles Arabiensis* and Association With the Kdr Mutation. *Med vet entomol.* 2007, mar; 21(1):97-102. [*Medical and veterinary entomology*]: *Med Vet Entomol.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mathur, Y. K. and Tewari, R. K. (1984). Loss of Water in the Adults of *Pyrilla Perpusilla* Wlk. (Lophopidae: Homoptera) Treated With Insecticides. *Zeitschrift fuer Angewandte Zoologie [Z. ANGEW. ZOOL.]*. Vol. 71, no. 4, pp. 399-403. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matsumura, F. (1963). The Permeability of the Cuticle of *Periplaneta Americana* (L.) To Malathion. *Journal of Insect Physiology* 9: 207-221.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matsumura, F. and Brown, A. W. A. (1964). Biochemistry of Malathion Resistance in *Culex tarsalis*. *J.Econ.Entomol.* 54: 1176-1185.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matthews, W. A. (1992). The Biological Activity of Bound Residues of Carbon-14 Chlorpyrifos-Methyl and Carbon-14 Malathion on Treated Wheat in a Stored Product Insect. *Meeting on bound pesticide residues in grain: bioavailability and biological activity, slough, england, uk, may 13-17, 1991. J environ sci health part b pestic food contam agric wastes* 27: 419-426.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Matthews, Wendy A. (1980). The Metabolism of Malathion in Vivo by Two Strains of *Rhyzopertha Dominica* (F.), The Lesser Grain Borer. *Pesticide Biochemistry and Physiology* 13: 303-312.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mayo, Z. B. (1984). Influences of Rainfall and Sprinkler Irrigation on the Residual Activity of Insecticides Applied to Corn for Control of Adult Western Corn Rootworm (Coleoptera: Chrysomelidae). *J.Econ.Entomol.* 77: 190-193.

EcoReference No.: 113456

Chemical of Concern: PSM,CBL,MLN,PMR,DZ,MP,DMT; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PMR),TARGET(PSM,CBL,DZ,MLN,MP,DMT).

Mazzarri, M. B., Feliciangeli, M. D., Maroli, M. , Hernandez, A., and Bravo, A. (1997). Susceptibility of *Lutzomyia Longipalpis* (Diptera: Psychodidae) to Selected Insecticides in an Endemic Focus of Visceral Leishmaniasis in Venezuela. *Journal of the american mosquito control association* 13: 335-341.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

McClanahan, R. J. and Founk, J. (1983). Toxicity of Insecticides to the Green Peach Aphid (Homoptera:

Aphididae) in Laboratory and Field Tests, 1971-1982. *J.Econ.Entomol.* 76: 899-905.

EcoReference No.: 113005

Chemical of Concern:

PRN,SPS,PFF,MVP,MTM,DEM,PIM,PHSL,PMR,Naled,MOM,MLN,FNV,FNT,ES,DMT,DZ,DS,DM,CY P,CYP,CBF,ACP; Habitat: T; Effect Codes: POP,MOR; Code: TARGET(ACP,CBF,CYP,CYP,DM,DS,DZ,ES,FNV,MLN,MOM,Naled,PMR,PIM,PFF,MVP,MTM,FNT, DMT).

McKee, G. J., Zalom, F. G., and Goodhue, R. E. (2007). Management and Yield Impact of the Greenhouse Whitefly (Trialeurodes Vaporariorum) on California Strawberries. *HortScience*, 42 (2) pp. 280-284, 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mckenzie, J. A. and O'farrel, K. (1993). Modification of Developmental Instability and Fitness: Malathion-Resistance in the Australian Sheep Blowfly, Lucilia Cuprina. *Genetica (dordrecht)* 89: 67-76.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mcleod, M. J., Twidwell, E. K., Gallenberg, D. J., and Voss, T. S. (1994). Potato Leafhopper Control 1993. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 19. Iii+403p. Entomological society of america: lanham, maryland, usa.* 0: 174.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mcleod, P. (1997). Evaluation of Insecticides for Control of Redlegged Grasshopper on Mature Soybean Adjacent to Mustard Greens 1995. *Saxena, c. R. Arthropod management tests, vol. 22. Iv+469p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2.* 22: 316.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mcpherson, R. M. and Bass, M. H. (1990). Control of Red and Green Morphs of Tobacco Aphids (Homoptera: Aphididae) in Flue-Cured Tobacco. *J entomol sci* 25: 587-592.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Meek, C. L. and Meisch, M. V. (1997). Resistance in a Louisiana Strain of Culex Quinquefasciatus to Selected Fyfanon Registered Trade Mark Sign Formulations. *Southwestern Entomologist*, 22 (4) pp. 449-452, 1997.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Meena, B. L., Dadhich, S. R., and Kumawat, R. L. (2002). Efficacy of Some Insecticides Against Lady Bird Beetle, Coccinella Septumpunctata Linn. Feeding on Fenugreek Aphid, Acyrthosiphon Pisum (Harris). *Annals of Biology [Ann. Biol.]. Vol. 18, no. 2, pp. 171-173. Dec 2002.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Meena, P. C., Sharma, J. K., and Noor, A. (2003). Evaluation of Some Chemical and Botanical Insecticides Against Coriander Aphid, Hyadaphis Coriandari (Das). *Annals of Biology*, 19 (1) pp. 95-97, 2003.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mehrotra, K. N., Phokela, A., and Saxena, P. N. (1969). Esterase Inhibition in Malathion Poisoning in the Desert Locust, Schistocerca gregaria Forskal. *Indian J.Exp.Biol.* 7: 110-113.

EcoReference No.: 108636

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(MLN),NO COC(H3PO4).

Meier, S. and Muniappan, R. (1992). Imported Cabbage Webworm Control 1991. *Burditt, a. K. Jr. (Ed.). Insecticide and acaricide tests, vol. 17. Ii+421p. Entomological society of america: lanham, maryland, usa. Illus. Paper. 0*: 152.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mekuria, Y., Williams, D. C., Hyatt, M. G., Zack, R. E., and Gwinn, T. A. (Malathion Resistance in Mosquitoes From Charleston and Georgetown Counties of Coastal South Carolina. *Journal of the american mosquito control association; 10 (1). 1994. 56-63.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mekuria, Y., Williams, D. C., Tidwell, M. A., and Santana, T. A. (1990). Studies of the Susceptibility of Anopheles albimanus and Anopheles vestitipennis from Dajabon, Dominican Republic, to Insecticides. *J.Am.Mosq.Control Assoc. 6*: 645-650.

EcoReference No.: 110889

Chemical of Concern: RSM,DDT,FNT,MLN,PMR,PPX; Habitat: T; Effect Codes: MOR; Code: OK(FNT,RSM),NO ENDPOINT(PMR,DDT),TARGET(PPX,MLN).

Mekuria, Y., Williams, D. C., Tidwell, M. A., and Santana, T. A. (1990). Studies of the Susceptibility of Anopheles Albimanus and Anopheles Vestitipennis From Dajabon, Dominican Republic (West Indies), to Insecticides. *J am mosq control assoc 6*: 645-650.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mello, M. Ls (1987). Effect of Some Enzymes Chemicals and Insecticides on the Macromolecular Structure of the Froth of the Spittlebug the Cercopid Deois-Sp. *Entomol exp appl 44*: 139-144.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mensah, G. Wk (1987). Accumulation of Malathion Residues in Grain Stored on Malathion-Treated Wood Surfaces. *Pestic sci 20*: 161-166.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Messing, R. H. and Seiler, S. J. (1993). Malathion Leakage From Fruit Fly Male Annihilation Traps on Kauai Hawaii. *Bull environ contam toxicol 51*: 193-198.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Milevoj, L. and Stukelj, A. (1996). The Effects of Some Pesticides on the Parasitoid Diaeretiella Rapae (M'intosh). *Mededelingen faculteit landbouwkundige en toegepaste biologische wetenschappen universiteit gent 61*: 949-954.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Miller, T. A., Cooper, W. J., and Highfill, J. W. (Susceptibility of Eggs and First-Instar Larvae of Callosamia-Promethea and Antheraea-Polyphemus to Malathion. *J res lepid; 25 (1). 1986 (recd. 1987). 48-51.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Minett, W. and Williams, P. (1976). Assessment of Non-Uniform Malathion Distribution for Insect Control in a Commercial Wheat Silo. *Journal of Stored Products Research* 12: 27-33.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Minett, W. and Williams, P. (1971). Influence of Malathion Distribution on the Protection of Wheat Grain Against Insect Infestation. *Journal of Stored Products Research* 7: 233-242.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Miressa, K., Srivastava, S. C., and Khan, M. H. (1992). Efficacy of Some Compound Against Halomma Anatolicum Anatolicum. *Indian vet j* 69: 693-697.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Miressa, K., Srivastava, S. C., and Khan, M. H. (1992). Efficacy of Some Compounds Against Hyalomma (Hyalomma) Anatolicum Anatolicum. *Indian Veterinary Journal [INDIAN VET. J.]*. Vol. 69, no. 8, pp. 693-697. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mishra, B., Dash, A. N., and Das, S. S. (1988). Evaluation of Some Insecticides Against Larvae of Corcyra-Cephalonica Stainton. *Indian j plant prot* 16: 117-120.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mishra, N. C. and Satpathy, J. M. (1984). Selective Toxicity of Some Insecticides Against Cabbage Aphid Brevicoryne-brassicae and Its Coccinellid Predator Coccinella-repanda. *Indian J.Plant Prot.* 12: 13-17.

Chemical of Concern: MLN; Habitat: T; Code: TARGET,CROP(MLN).

Mishra, Y. D., Bhattacharya, A., Sushil, S. N., Sharma, K. K., and Jaiswal, A. K. (1995). Efficacy of Some Insecticides Against Eublemma Amabilis Moore, a Major Predator of Lac Insect, Kerria Lacca (Kerr.). *Journal of entomological research (new delhi)* 19: 351-355.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Misra, D. S. (1981). Histopathology of Insect Tissues Exposed to Pesticides. *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 43, no. 4, pp. 348-360. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Misra, S. S. (1996). Ipm in Potato Pest Management. Goel, s. C. (Ed.). *Insect and environment, vi: integrated pest management and sustainable agriculture: an entomological approach* Symposium, september 22-24, 1995. Xi+224p. The uttar pradesh zoological society: muzaffarnagar, india. Isbn 81-900101-5-8.; 0: 33-50.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mistic, W. J. Jr. and Smith, F. D. (1970). Organophosphorus and Carbamate Insecticides as Substitutes for DDT in Controlling the Tobacco Flea Beetle on Flue-Cured Tobacco. *J.Econ.Entomol.* 63: 509-511.

EcoReference No.: 113256

Chemical of Concern: CBL,PRN,PPHD,DDT,DMT,MDT,PSM,TVP,Naled,DZ,DCTP,MLN; Habitat: T;

Effect Codes: POP; Code: TARGET(DMT,MDT,PSM,TVP,Naled,DZ,DCTP,MLN,CBL,MP).

Mittal, P. K., Adak, T., Singh, O. P., Raghavendra, K., and Subbarao, S. K. (2002). Reduced Susceptibility to Deltamethrin in *Anopheles Culicifacies* Senu Lato, in Ramnathapuram District, Tamil Nadu - Selection of a Pyrethroid-Resistant Strain. *Current Science [Curr. Sci.]*. Vol. 82, no. 2, pp. 185-188. 25 Jan 2002.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Miyata, T. and Saito, T. (Mechanism of Malathion Resistance in the Green Rice Leafhopper, *Nephotettix Cincticeps* Uhler (Hemiptera: Deltocephalidae). *J. Pestic. Sci.* 1: 23-29 1976..

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Miyata, T., Saito, T., and Yasutomi, K. (1984). High Malathion Degradation in Malathion Resistant *Culex Pipiens Quinquefasciatus* . *Japanese Journal of Sanitary Zoology [JAP. J. SANIT. ZOOL.]*. Vol. 35, no. 3, pp. 245-249. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mizell, R. F. Iii and Schiffhauer, D. E. (1990). Effects of Pesticides on Pecan Aphid Predators *Chrysoperla Rutilabris* (Neuroptera: Chrysopidae), *Hippodamia Convergens*, *Cycloneda Sanguinea* (L.), *Olla V Nigrum* (Coleoptera: Coccinellidae), and *Aphelinus Perpalidus* (Hymenoptera: Encyrtidae). *J econ entomol* 83: 1806-1812.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mohammad, A. B. and Aliniaze, M. T. (1989). Malathion Bait Sprays for Control of Apple Maggot (Diptera: Tephritidae). *J econ entomol* 82: 1716-1721.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mohanty, B. N., Senapati, B., and Patnaik, N. C. (1994). Chemical Control of the Rice Hairy Caterpillar *Nisaga Simplex* in Orissa. *Indian journal of plant protection* 22: 110-112.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mohasin, M. and De, B. K. (1994). Control of *Henosepilachna Epilachna Vigintioctopunctata* Fabr. On Potato in West Bengal Plains. *Journal of the indian potato association* 21: 151-153.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Montada, D., Tang, R., Navarro, A., and Garcia, F. A. (1994). Susceptibility Status of *Aedes Taeniorhynchus* to Organochlorine and Organophosphate Insecticides. *Memorias do instituto oswaldo cruz rio de janeiro* 89: 251-252.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Moreno, D. S., Martinez, A. J., and Sanchez Riviello, M. (1994). Cyromazine Effects on the Reproduction of *Anastrepha Ludens* (Diptera: Tephritidae) in the Laboratory and in the Field. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 87, no. 1, pp. 202-211. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Morse, J. G., Brawner, O. L., and Urena, A. A. (1992). California Citrus Thrips Pesticide Efficacy Trial 1990. *Burditt, a. K. Jr. (Ed.). Insecticide and acaricide tests, vol. 17. Ii+421p. Entomological society of america:*

lanham, maryland, usa. *Illus. Paper*. 0: 69-70 .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Morse, J. G. and Zareh, N. (1991). Pesticide-Induced Hormologosis of Citrus Thrips (Thysanoptera: Thripidae) Fecundity. *J econ entomol* 84: 1169-1174.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Morton, R. A. and Holwerda, B. C. (1985). The Oxidative Metabolism of Malathion and Malaoxon in Resistant and Susceptible Strains of Drosophila Melanogaster. *Pesticide Biochemistry and Physiology* 24: 19-31.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Moss, J. I. (1996). Synergism of Toxicity of N,N-Diethyl-M-Toluamide to German Cockroaches (Orthoptera: Blattellidae) by Hydrolytic Enzyme Inhibitors. *Journal of economic entomology* 89: 1151-1155.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Moss, J. I. and Scott, J. G. (1996). Tetrodotoxin Protects German Cockroaches (Dictyoptera: Blattellidae) From Type I Pyrethroid and Carbamate Insecticide Poisoning. *Journal of economic entomology* 89: 51-55.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mote, U. N. and Ghule, B. D. (1989). Chemical Control of Flea Beetles Infesting Rabi Sorghum. *J maharashtra agric univ* 14: 161-163.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mote, U. N. and Kadam, J. R. (Chemical Control of Sorghum Earhead Hairy Caterpillar Euproctis-Subnotata. *Indian j plant prot*; 12 (2). 1984 (1985) (recd. 1986). 147-148.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mote, U. N. and Kadam, J. R. (Relative Efficacy of Different Insecticides Against Sorghum Earhead Caterpillar Heliothis-Armigera. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 51-52.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Motoyama, N., Kao, L. R., Lin, P. T., and Dauterman, W. C. (1984). Dual Role of Esterases in Insecticide Resistance in the Green Rice Leafhopper. *Pesticide Biochemistry and Physiology* 21: 139-147.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mount, G. A., Wilson, H. G., and Pierce, N. W. (1974). Effectiveness of Ultralow Volume Ground Aerosols of Pyrethroid Adulticides Against Mosquitoes and House Flies. *Mosq.News* 34: 291-293.

EcoReference No.: 117450

Chemical of Concern: PPB,PYN,MLN,Naled,TMT,RSM; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,Naled),NO MIXTURE(RSM,TMT,PPB).

Mourya, D. T., Geevarghese, G., Gokhale, M. D., Shetty, P. S., Kandasamy, P., Shantha, K. V., Appavoo, N. C., Dama, B. M., and Doke, P. P. (1998). Present Insecticide Susceptibility Status of Xenopsylla Cheopis From Beed District, Maharashtra State, India. *Entomon* 23: 211-217.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Moustafa, F. I. and Georghiou, G. P. (1989). Extension of Resistance to Adults as a Result of Selection in Mosquito Larvae With Temephos and the Cross-Resistance to Other Organophosphorus Insecticides. *Int pest control* 31: 61-65.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Moyses, E. W. and Gfeller, F. J. (2001). Topical Application as a Method for Comparing the Effectiveness of Insecticides Against Cat Flea (Siphonaptera: Pulicidae). *Journal of Medical Entomology [J. Med. Entomol.]*. Vol. 38, no. 2, pp. 193-196. Mar 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Muggleton, J. (1983). Relative Fitness of Malathion-Resistant Phenotypes of *Oryzaephilus Surinamensis* L. (Coleoptera: Silvanidae). *Journal of Applied Ecology [J. APPL. ECOL.]*. Vol. 20, no. 1, pp. 245-254. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Muggleton, J., Duran, J. E., and Rowlands, D. G. (1981). The Effect of Holding Adult *Oryzaephilus Surinamensis* (L.) (Coleoptera: Silvanidae) at Different Temperatures on Their Subsequent Susceptibility to Malathion. *Journal of Stored Products Research* 17: 125-130.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mujeeb, K. A., Rahi, M. S., and Shakoori, A. R. *. (2000). Toxicity of Synthetic Pyrethroids, Talstar 10ec and K-Othrine 25wp, and Mixture of an Organophosphorus and Synthetic Pyrethroid, Pro-Store 420ec to Adult Beetles of Pakistan Strain of *Tribolium Castaneum* (Herbst). *Pakistan Journal of Zoology [Pak. J. Zool.]*. Vol. 32, no. 4, pp. 285-288. 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mujeeb, K. A. and Shakoori, A. R. (2000). Toxicity of an Organophosphate, Actellic 50 Ec (Pirimiphos-Methyl) Against Different Developmental Stages of Three Strains of *Tribolium Castaneum* (Herbst). *Pakistan Journal of Zoology [Pak. J. Zool.]*. Vol. 32, no. 3, pp. 263-266. 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mukiama, T. K. and Wood, R. J. (Influence of Def on the Action of Malathion Against Male and Female Ceratitis-Capitata Diptera Tephritidae. *Economopoulos, a. P. (Ed.). Fruit flies; second international symposium held in conjunction with the international atomic energy agency's fruit fly genetic sexing research coordination meeting, colymbari, crete, greece, september 16-21, 1986. 590p. Elsevier science publishers: amsterdam, netherlands (dist. For usa and canada by elsevier science publishing co. Inc.: New york, new york, usa). Illus. Isbn 0-444-98946-3.; 0 (0). 1987. 235-240.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mukiama, T. K., Wood, R. J., and Economopoulos, A. P. (ed) (1987). Influence of Def on the Action of Malathion Against Male and Female Ceratitis Capitata .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mullen, Michael A. and Maxine Upson, H. (1974). Synergism Between Malathion and Low Frequency Sound to Increase the Mortality of Adult *Tribolium Confusum*. *Journal of Stored Products Research* 10: 233-236.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mulrooney, J. E. (2001). Enhancement of Transfer of Technical Malathion From Cotton Leaves to Boll Weevils Using Cottonseed Oil. *Southwestern Entomologist*, - (SUPPL.) pp. 24 29-40, 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Mulrooney, J. E. and Skjoldager, L. (1997). Evaluation of an Air-Assisted Ground Sprayer for Control of Boll Weevil (Coleoptera Curculionidae) and Beet Armyworm (Lepidoptera: Noctuidae). *Southwestern entomologist* 22: 315-322.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Munhenga, G., Masendu, H. T., Brooke, B. D., Hunt, R. H., and Koekemoer, L. K. (Pyrethroid Resistance in the Major Malaria Vector Anopheles Arabiensis From Gwave, a Malaria-Endemic Area in Zimbabwe. *Malar J.* 2008; 7:247. [*Malaria journal*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Murugesan, K. and Dhingra, S. (1995). Variability in Resistance Pattern of Various Groups of Insecticides Evaluated Against Spodoptera Litura (Fabricius) During a Period Spanning Over Three Decades. *Journal of entomological research (new delhi)* 19: 313-319.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Musau, D. M. and Parry, W. H. (1988). Comparison of the Potential of Organophosphorous Insecticides and Soaps in Conifer Aphid Control. *Crop Protection* 7: 267-272.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Musau, D. M. and Parry, W. H. (1988). Comparison of the Potential of Organophosphorus Insecticides and Soaps in Conifer Aphid Control. *Crop Prot.* 7: 267-272.

EcoReference No.: 106884

Chemical of Concern: DMT,FNT,MLN; Habitat: T; Effect Codes: MOR,POP; Code: OK(DMT,FNT),TARGET(MLN).

Mzilahowa, T., Ball, A. J., Bass, C., Morgan, J. C., Nyoni, B., Steen, K., Donnelly, M. J., and Wilding, C. S. (Reduced Susceptibility to Ddt in Field Populations of Anopheles Quadriannulatus and Anopheles Arabiensis in Malawi: Evidence for Larval Selection. *Med Vet Entomol.* 2008, Sep; 22(3):258-63. [*Medical and veterinary entomology*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nagata, T. and Ohira, Y. (1986). Insecticide Resistance of the Small Brown Planthopper, Laodelphax Striatellus Fallen (Hemiptera: Delphacidae), Collected in Kyushu and on the East China Sea. *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 21, no. 2, pp. 216-219. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nagata, T. and Ohira, Y. (1986). Insecticide Resistance of the Small Brown Planthopper Laodelphax-Striatellus Hemiptera Delphacidae Collected in Kyushu Japan and on the East China Sea. *Appl entomol zool* 21: 216-219.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nandihalli, B. S. and Thontadarya, T. S. (Efficacy of Different Insecticides-Cum-Acaricides in the Control of Chilli Capsicum-Annuum L. Leaf-Curl. *Mysore j agric sci*; 20 (2). 1986 (recd. 1987). 122-126.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Naqvi, S. N. H., Tabassum, R., Nurulain, S. M., Khan, M. F., Ahmad, M., and Shakoori, A. R. (eds) (1993). Comparative Toxicity of Rb-a (Neem Formulation) and Malathion Against Bed Bugs (*Cimex Lectularius*) in Laboratory and Field Conditions.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Narke, C. G. and Suryawanshi, D. S. (1987). Chemical Control of Major Pests of Okra. *Pesticides (bombay)* 21: 37-39.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nassar, O. A., Verma, S., and Ghai, S. (Comparative Response of Two Species of Spider Mites to Pesticides. *Indian j plant prot*; 12 (2). 1984 (1985) (recd. 1986). 113-118.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Natarajan, N. and Babu, P. Cs (1988). Economic Injury Level for Sorghum Earhead Bug *Calocoris-Angustatus* Lethierry in Southern India. *Insect sci appl* 9: 395-398.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Navarro, S., Carmi, Y., Kashanchi, Y., and Shaaya, E. (Malathion Resistance of Stored-Product Insects in Israel. *Phytoparasitica*; 14 (4). 1986 (recd. 1987). 273-280.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nigg, H. N., Mallory, L. L., Fraser, S., Simpson, S. E., Robertson, J. L., Attaway, J. A., Callaham, S. B., and Brown, R. E. (1994). Test Protocols and Toxicity of Organophosphate Insecticides to Caribbean Fruit Fly (Diptera: Tephritidae). *J.Econ.Entomol.* 87: 589-595.

EcoReference No.: 112330

Chemical of Concern: CPY,DINO,DMT,MLN,MTM,ETN,ACP; Habitat: T; Effect Codes: MOR; Code: TARGET(CPY,DMT,MLN,MTM,ACP).

Nigg, H. N., Mallory, L. L., Fraser, S., Simpson, S. E., Robertson, J. L., Attaway, J. A., Callaham, S. B., and Brown, R. E. (1994). Test Protocols and Toxicity of Organophosphate Insecticides to Caribbean Fruit Fly (Diptera: Tephritidae). *Journal of economic entomology* 87: 589-595.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Noetzel, D. and Sheets, B. (Potato Leafhopper Control in Dry Kidney Bean 1992. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.; 0 (0). 1993. 82. Ab - biosis copyright: biol abs. Rrm phaseolus-vulgaris empoasca-fabae ntn-33893 knox-out malathion thimet sevin asana furadan cygon penncap karate pesticide insecticide.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Noetzel, D. and Sheets, B. (1993). Potato Leafhopper Control in Dry Navy Bean 1992. *Burditt, a. K. Jr. (Ed.).*

Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa. 0: 82-83.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Noetzel, D. M. and Warnes, D. (1996). Comparison of Seed Treatments and Foliars for Control of Aphids in Spring Wheat Morris Mn 1994. *Burditt, a. K. Jr. (Ed.). Arthropod management tests*, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8. 21: 317.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Noetzel, D. N. and Warnes, D. (1994). Efficacy Comparison of Some New Materials for Aphid Control in Small Grain 1993. *Burditt, a. K. Jr. (Ed.). Arthropod management tests*, vol. 19. Iii+403p. Entomological society of america: lanham, maryland, usa. 0: 295.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nolan, J. (1985). Mechanisms of Resistance to Chemicals in Arthropod Parasites of Veterinary Importance. *11th conference of the world association for the advancement of veterinary parasitology, rio de janeiro, brazil, aug. 5-9, 1985, vet parasitol* 18: 155-166.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Nord, J. C. and DeBarr, G. L. (1983). Contact Toxicities of 12 Insecticides to *Leptoglossus corculus* Adults (Hemiptera: Coreidae). *Can.Entomol.* 115: 211-214.

EcoReference No.: 105805

Chemical of Concern: CBF,MLN,MOM,RSM,PMR,PSM,CPY,FNV,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(CBF,MLN,MOM,RSM,PMR,PSM,CPY,FNV,DM) .

Nurulain, S. M., Tabassum, R., and Naqvi, S. N. H. (1989). Toxicity of Neem Fractions and Malathion Against *Oxycareus Lugubris* Motsch, (Dusky Cotton Bug) Wild Strain. (Heteroptera: Lygaeidae). *PAK. J. ENTOMOL. KARACHI. Vol. 4, no. 1-2, pp. 13-24. 1989.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

O'brien, P. J. and Elzen, G. W. (1991). Laboratory Bioassay Cotton Aphid *Aphis-Gossypii* Glover Time Response to Direct Vs. Indirect Exposure to Aphicides 1990. *Thomas, j. H. (Ed.). Insecticide and acaricide tests*, vol. 16. 327p. Entomological society of america: lanham, maryland, usa. *Illus. Paper.* 0: 295-296.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

O'Donnell, M. J. (1980). The Toxicities of Four Insecticides to *Tribolium confusum* Duv. in Two Sets of Conditions of Temperature and Humidity. *J.Stored Prod.Res.* 16: 71-74.

EcoReference No.: 68123

Chemical of Concern: FNT,MLN; Habitat: T; Effect Codes: MOR,PHY; Code: TARGET(FNT,MLN).

O'Donnell, M. J. (1980). The Toxicities of Four Insecticides to *Tribolium Confusum* Duv. In Two Sets of Conditions of Temperature and Humidity. *Journal of Stored Products Research* 16: 71-74.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oben, M. To, Matarong, A. C., and Esguerra, N. M. (Evaluation of Five Insecticides Against the Black Leafhopper *Ricania-Speculum* Walker Attacking Patola *Luffa-Cylindrica* L. Roem. *Ann trop res*; 8 (3). 1986 (recd.

1987). 131-140.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Olinger, L. D. and Kerr, S. H. (1969). Effects of Dimethyl Sulfoxide on the Biological Activity of Selected Miticides and Insecticides. *J.Econ.Entomol.* 62: 403-407 .

EcoReference No.: 113264

Chemical of Concern: DS,OXD,ES,MLN,CBL; Habitat: T; Effect Codes: MOR; Code: TARGET(DS,OXD,ES,MLN,CBL).

Oliveira, F. A., Speare, R., and Heukelbach, J. (High in Vitro Efficacy of Nyda L, a Pediculicide Containing Dimeticon. *J eur acad dermatol venereol.* 2007, nov; 21(10):1325-9. [*Journal of the european academy of dermatology and venereology : jeadv*]: *J Eur Acad Dermatol Venereol.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Omkar and Tripathi, S. R. (1986). Comparative Efficacy of Some Insecticides Against Red Pumpkin Beetle Aulacophora-Foveicollis Coleoptera Chrysomelidae. *J adv zool* 7: 46-49.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Omkar and Tripathi, S. R. (1986). Toxicity of Some Pesticides to the Gram Pod Borer, Heliothis Armigera (Huebner) (Lepidoptera: Noctuidae). *Giornale Italiano di Entomologia [G. ITAL. ENTOMOL.]*. Vol. 3, no. 12, pp. 179-183. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Onsager, J. A. (1987). Integrated Management of Rangeland Grasshoppers. *Capinera, j. L. (Ed.). Westview studies in insect biology: integrated pest management on rangeland: a shortgrass prairie perspective.* Xvii+426p. Westview press: boulder, colorado, usa London, england, uk. Illus. Paper. Isbn 0-8133-7362-x.; 0: 196-204.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oomen, P. A., Jobsen, J. A., Romeijn, G., and Wieggers, G. L. (1994). Side-Effects of 107 Pesticides on the Whitefly Parasitoid Encarsia Formosa, Studies and Evaluated According to Eppo Guideline No. 142. *Bulletin oepp* 24: 89-107.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oomen, P. A., Romeijn, G., and Wieggers, G. L. (1991). Side-Effects of 100 Pesticides on the Predatory Mite Phytoseiulus Persimilis, Collected and Evaluated According to the Eppo Guideline. *Bull oepp (organ eur mediterr prot plant)* 21: 701-712.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oppenoorth, F. J., Rupes, V., ElBashir, S., Houx, N. W. H., and Voerman, S. (1972). Glutathione-Dependent Degradation of Parathion and Its Significance for Resistance in the Housefly. *Pesticide Biochemistry and Physiology* 2: 262-269.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oppenoorth, F. J., van der Pas, L. J. T., and Houx, N. W. H. (1979). Glutathione S-Transferase and Hydrolytic Activity in a Tetrachlorvinphos-Resistant Strain of Housefly and Their Influence on Resistance. *Pesticide*

Biochemistry and Physiology 11: 176-188.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Oppenoorth, F. J. and voerman, S. (1975). Hydrolysis of Paraoxon and Malaoxon in Three Strains of Myzus Persicae With Different Degrees of Parathion Resistance. *Pesticide Biochemistry and Physiology* 5: 431-443.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Osaba, Lourdes, Aguirre, Ana, Alonso, Angeles, and Graf, Ulrich (1999). Genotoxicity Testing of Six Insecticides in Two Crosses of the Drosophila Wing Spot Test. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis* 439: 49-61.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Osborne, M. P. (Insect Neurosecretory Cells Structural and Physiological Effects Induced by Insecticides and Related Compounds. Ford, m. G., Et al. (Ed.). *Ellis horwood series in biomedicine: neuropharmacology and pesticide action; neurotox '85, bath, england, 1985. 512p. Vch publishers, inc.: New york, new york, usa; weinheim, west germany; ellis horwood ltd.: Chichester, england (dist. In the usa and canada by vch publishers: deerfield beach, florida, usa) illus. Isbn 0-89573-424-9; isbn 3-527-26340-3.; 0 (0). 1986. 203-243.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Osman, A. A. and Zohdy, G. L. (1977). Toxicity of Some Pesticides to the Predaceous Mite Amblyseius Gossipi El-Badry in Egypt (Acarina: Phytoseiidae). *Bulletin of the Entomological Society of Egypt, Economic Series [BULL. ENTOMOL. SOC. EGYPT, ECON. SER.]. no. 10, pp. 59-61. 1977.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Osman, N. and Morallo-Rejesus, B. (1981). Evaluation of Resistance to Malathion and Pirimiphos Methyl in Strains of Tribolium Castaneum (Herbst) Collected in Indonesia. *PERTANIKA. Vol. 4, no. 1, pp. 30-34. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Owusu, E. O. (1993). Control of Garden Egg Leaf Skeletonizer Ghana 1990. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa. 0: 132.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Page, M., Ryan, R. B., Rappaprot, N., and Schmidt, F. (Junl). Comparative Toxicity of Acephate, Diflubenzuron, and Malathion to Larvae of the Larch Casebearer, Coleophora Laricella (Lepidoptera: Coleophoridae) and Adults of Its Parasites, Chrysocharis Laricinellae and Di cladocerus Nearcticus . *Environmental Entomology [ENVIRON. ENTOMOL.]. Vol. 11, no. 3, pp. 730-732. Junl.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Panda, S. K., Mohapatra, H. K., and Samalo, A. P. (1989). Relative Toxicity of Some Organophosphorus Insecticides Against First Instar Red Cotton Bugs Dysdercus Cingulatus F. (Pyrrhocoreidae: Hemiptera). *Environment and ecology. Kalyani [ENVIRON. ECOL.]. Vol. 7, no. 4, pp. 992-993. 1989.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pandey, A. K. (2005). Bio-Efficacy of Different Insecticides Against Gypsy Moth, Lymantria Spp. (Lepidoptera:

Lymantriidae). *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 29, no. 2, pp. 119-122. Jun 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pangtey, V. S. (1990). A Note on the Efficacy of Selected Insecticides Against Gundhi Bug *Leptocorisa-Acuta* Thunberg. *Indian j entomol* 52: 715-717.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pant, R. and Katiyar, S. K. (1983). Effect of Malathion and Acetylcholine on the Developing Larvae of *Philosamia Ricini* (Lepidoptera: Saturniidae). *Journal of biosciences [J. BIOSCI.]*. Vol. 5, no. 1, pp. 89-95. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pant, R. and Ramana, D. (1989). Therapeutic Action of Acetylcholine in Malathion Toxicity. *Indian journal of biochemistry and biophysics. New Delhi [INDIAN J. BIOCHEM. BIOPHYS.]*. Vol. 26, no. 4, pp. 268-272. 1989.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Parashar, C. and Singh, R. (1987). Effect of Insecticides on the Lipid Peroxidation in the Caterpillar of Rice Moth, *Corcyra Cephalonica* Stainton. *Indian j entomol* 49: 127-130.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Parker, R. D., Deforest, S., and Netardus, A. (1999). Effectiveness of Insecticides and Cost for Controlling Fall Armyworm in Coastal Bermudagrass Pasture, 1998. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 24. V+478p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-86-8* 24: 345.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Parmar, B. S. and Dutta, S. (1987). Evaluation of Some Ne-Oils as Malathion Synergists. *Int j trop agric* 5: 223-226.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Parry, W. H., Edwards, I. D., and Jenkins, T. Ar (1989). Chemical Control of Sycamore Aphid *Drepanosiphum-Platanoides* Schr. With Organophosphorous and Soap Insecticides. *Crop prot* 8: 30-36.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Parween, S. (2000). Baycidal: Effect on *Tribolium Castaneum* Herbst (Coleoptera: Tenebrionidae) Population. *Entomon [Entomon]*. Vol. 25, no. 1, pp. 25-28. Mar 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Passlow, T. and Rossiter, P. D. (1973). Insecticides for the Protection of Stored Potatoes. *Qld.J.Agric.Anim.Sci.* 30: 151-155.

EcoReference No.: 56014

Chemical of Concern: DDT,RTN,EN,MLN,TCF; Habitat: T; Effect Codes: POP; Code: TARGET(RTN,MLN,TCF).

Pasteur, N. and Georghiou, G. P. (1989). Improved Filter Paper Test for Detecting and Quantifying Increased

Esterase Activity in Organophosphate-Resistant Mosquitoes Diptera Culicidae. *J econ entomol* 82: 347-353.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Patel, B. H., Upadhyay, V. R., Murlidharan, C. M., and Judal, G. S. (1989). Comparative Efficacy of Different Insecticides Against Ber Fruit Fly *Carpomyia-Vesuviana* Costa. *Indian j plant prot* 17: 39-46.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Patra, U. C. and Lenka, M. R. (1988). Insecticide Susceptibility Status of Two Species of Anophelines in Keonjhar Orissa India. *Indian biol* 20: 19-20.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Patton, T. W. and Dively, G. P. (1999). Control of Cereal Leaf Beetle in Wheat, 1998. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 24. V+478p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-86-8* 24: 323.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pawar, D. B., Lawande, K. E., and Kale, P. N. (1994). Management of Onion Thrips With Certain Insecticides. *Journal of maharashtra agricultural universities* 19: 456.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pawar, D. B., Lawande, K. E., and Warade, S. D. (1996). Control of *Liriomyza Trifolii* on Tomato. *Journal of maharashtra agricultural universities* 21: 165-166.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pedersen L-E, K. (1989). Malathion in Locust Control. *Int pest control* 31: 41-43.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Peiris, H. Tr and Hemingway, J. (1990). Mechanisms of Insecticide Resistance in a Temephos Selected *Culex Quinquefasciatus* (Diptera: Culicidae) Strain From Sri Lanka. *Bull entomol res* 80: 453-458.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Peiris, H. Tr and Hemingway, J. (1990). Temephos Resistance and the Associated Cross-Resistance Spectrum in a Strain of *Culex Quinquefasciatus* Say (Diptera: Culicidae) From Peliyagoda, Sri Lanka. *Bull entomol res* 80: 49-56.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Perera, M. D., Hemingway, J., and Karunaratne, S. P. (Multiple Insecticide Resistance Mechanisms Involving Metabolic Changes and Insensitive Target Sites Selected in Anopheline Vectors of Malaria in Sri Lanka. *Malar J.* 2008; 7:168. [*Malaria journal*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Perera, M. D. B., Hemingway, J., and Karunaratne, S. H. P. P. (2008). Multiple Insecticide Resistance Mechanisms Involving Metabolic Changes and Insensitive Target Sites Selected in Anopheline Vectors of Malaria in Sri Lanka. *Malaria J.* 7: 1-10.

EcoReference No.: 117653

Chemical of Concern: DDT,MLN,FNT,PPX,CYF,CYP,DM,EFX,LCYT,PMR; Habitat: T; Effect Codes: MOR,BCM; Code: NO ENDPOINT(DDT),TARGET(MLN,FNT,PPX,CYF,CYP,DM,EFX,LCYT,PMR).

Perez-Mendoza, J. and Aguilera-Pena, M. (2004). Development, Reproduction, and Control of the Indian Meal Moth, *Plodia interpunctella* (Hubner) (Lepidoptera: Pyralidae), in Stored Seed Garlic in Mexico. *Journal of Stored Products Research* 40: 409-421.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Perez-Mendoza, Joel (1999). Survey of Insecticide Resistance in Mexican Populations of Maize Weevil, *Sitophilus zeamais* Motschulsky (Coleoptera: Curculionidae). *Journal of Stored Products Research* 35: 107-115.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Perring, T. M. (1996). Damage and Control of Eriophyoid Mites in Crops Vegetables. *Lindquist, e. E., M. W. Sabelis and j. Bruin (ed.). World crop pests, vol. 6. Eriophyoid mites: their biology, natural enemies and control. Xxxii+790p. Elsevier science publishers b.v.: Amsterdam, netherlands New york, new york, usa. Isbn 0-444-88628-1.; 6: 593-610.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pickel, C., Zalom, F. G., Walsh, D. B., and Welch, N. C. (1994). Efficacy of Vacuum Machines for *Lygus hesperus* (Hemiptera: Miridae) Control in Coastal California Strawberries. *Journal of economic entomology* 87: 1636-1640.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pieterse, A. H., Schulten, G. G. M., and Kuyken, W. (1972). A Study on Insecticide Resistance in *Tribolium castaneum* (Herbst) (Coleoptera, Tenebrionidae) in Malawi (Central Africa). *Journal of Stored Products Research* 8: 183-191.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Polles, S. G. and Payne, J. A. (1973). Pecan Weevil: Toxicity of Insecticides in Laboratory Tests. *J.Econ.Entomol.* 66: 497-498.

EcoReference No.: 114315

Chemical of Concern: OXD,CPY,AZ,DMT,DS,TXP,MP,PSM,CBF,CBL,MLN; Habitat: T; Effect Codes: MOR; Code: OK(CPY),TARGET(OXD,AZ,DMT,DS,MP,PSM,CBF,CBL,MLN).

Pothikasikorn, J., Overgaard, H., Ketavan, C., Visetson, S., Bangs, M. J., and Chareonviriyaphap, T. (Behavioral Responses of Malaria Vectors, *Anopheles minimus* Complex, to Three Classes of Agrochemicals in Thailand. *J med entomol.* 2007, nov; 44(6):1032-9. [*Journal of medical entomology*]: *J Med Entomol.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prabhaker, N., Coudriet, D. L., and Meyerdirk, D. E. (1985). Insecticide Resistance in the Sweetpotato Whitefly, *Bemisia tabaci* (Homoptera: Aleyrodidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 78, no. 4, pp. 748-752. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prakash, A. and Bhattacharya, R. (1993). Comparative Performance of Bpmc, Propoxur and Malathion + Pyrethrin

Against Culex Mosquito. *Journal of insect science* 6: 150-151.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prakash, A. and Rao, J. (1995). Insect Pest Management in Stored-Rice Ecosystems. *Jayas, d. S., N. D. G. White and w. E. Muir (ed.). Books in soils, plants, and the environment: stored-grain ecosystems* International symposium, winnipeg, manitoba, canada, june 7-10, 1992. Xiii+757p. Marcel dekker, inc.: New york, new york, usa; basel, switzerland. Isbn 0-8247-8983-0.; 0: 709-736.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prasad, C. S. and Nath, G. (1987). Effects of Endosulfan and Malathion Intoxication on the Amino Acidemia in the Larval Hemolymph of Spodoptera litura. *Fab.Proc.Natl.Acad.Sci.India Sect.B* 57: 398-402.

Chemical of Concern: ES,MLN; Habitat: T; Code: TARGET(MLN).

Prasad, C. S. and Nath, G. (1987). Effects of Endosulfan and Malathion Toxication on the Aminoacidemia in the Larval Hemolymph of Spodoptera-Litura Fab. *Proc natl acad sci india sect b (biol sci)* 57: 398-402.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pree, D. J., Archibald, D. E., and Morrison, R. K. (1989). Resistance to Insecticides in the Common Green Lacewing Chrysoperla-Carnea Neuroptera Chrysopidae in Southern Ontario Canada. *J econ entomol* 82: 29-34.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pretorius, N. H. S. (1981). Susceptibility of Locustana Pardalina (Walker) to Nine Insecticides by Topical Application. *J. ENTOMOL. SOC. SOUTH. AFR. Vol. 44, no. 1, pp. 165-175. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prevec, J. S., Ookoampah, N. D., and Morton, R. A. (1992). Organophosphorus Insecticide Resistance in Drosophila Melanogaster Populations. *J genet* 71: 121-134.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prickett, A. J. (1980). The Cross-Resistance Spectrum of Sitophilus Granarius (L.) (Coleoptera: Curculionidae) Heterozygous for Pyrethrin Resistance. *Journal of Stored Products Research* 16: 19-25.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prickett, A. J., Muggleton, J., and Llewellyn, J. A. (1990). Insecticide Resistance in Populations of Oryzaephilus Surinamensis and Cryptolestes Ferrugineus From Grain Stores in England and Wales.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prickett, A. J., Muggleton, J., and Llewellyn, J. A. (Insecticide Resistance in Populations of Oryzaephilus-Surinamensis and Cryptolestes-Ferrugineus From Grain Stores in England and Wales Uk. *British crop protection council. Brighton crop protection conference: pests and diseases, 1990, vols. 1, 2 and 3; international conference, brighton, england, uk, november 19-22, 1990. Xxii+396p.(Vol. 1); xxii+482p.(Vol. 2); xxii+386p.(Vol. 3) british crop protection: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-46-9(vol. 1); isbn 0-948404-47-4(vol. 2); isbn 0-948404-48-8(vol. 3); isbn 0-948404-45-0(set).; 0 (0). 1990. 1189-1194.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Proctor, D. L. (1972). The Protection of Smoke-Dried Freshwater Fish From Insect Damage During Storage in Zambia. *Journal of Stored Products Research* 8: 139-149.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prodhan, M. Z. H., Haque, M. A., Khan, A. B., and Rahman AKMM (1995). Biology of *Micraspis Discolor* (F.) (Coleoptera: Coccinellidae) and Its Susceptibility to Two Insecticides. *Bangladesh Journal of Entomology [BANGLADESH J. ENTOMOL.]*. Vol. 5, no. 1-2, pp. 11-17. Jun-Dec 1995.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prokopy, R. J., Cooley, S. S., Galarza, L., Bergweiler, C., and Lauzon, C. R. (1993). Bird Droppings Compete With Bait Sprays for *Rhagoletis Pomonella* (Walsh) Flies (Diptera: Tephritidae). *Can entomol* 125: 413-422.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Prokopy, R. J., Papaj, D. R., Hendrichs, J., and Wong, T. Ty (1992). Behavioral Responses of *Ceratitis Capitata* Flies to Bait Spray Droplets and Natural Food. *Entomol exp appl* 64: 247-257.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Punzo, F. and Kirk, A. (1992). Detoxifying Enzymes and the Effects of Temperature on the Toxicity of Malathion to *Oncopeltus Fasciatus* (Heteroptera) and *Tenebrio Molitor* (Coleoptera). *Comp biochem physiol c comp pharmacol toxicol* 103: 383-386.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Purcell, M. F., Stark, J. D., and Messing, R. H. (1994). Insecticide Effect on Three Tephritid Fruit Flies and Associated Braconid Parasitoids in Hawaii. *Journal of economic entomology* 87: 1455-1462.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pushpalatha, N. and Vijayan, V. A. (1998). Bioassay of Some Important Insecticides Against the Adults of Two Populations of *Culex Vishnui Theobald* Prevalent in Mandya and Mysore, Karnataka State (India). *Journal of entomological research (new delhi)* 22: 293-297.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Pysek, P. (1992). Seasonal Changes in Response of *Senecio Ovatus* to Grazing by the Chrysomelid Beetle *Chrysomela Speciosissima*. *Oecologia (heidelberg)* 91: 596-602.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Qadri, S. S. and Kashi, K. P. (1971). Assaying the Oral Toxicity of Organophosphates to House Flies Without Body Contact with the Insecticides. *J.Econ.Entomol.* 64: 1015-1018.

Chemical of Concern: H3PO4,MLN; Habitat: T; Code: TARGET(MLN).

Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Bohls, R. A., Pooler, P. D., Foster, R. N., Reuter, K. C., and Swain, J. L. (1989). Immediate and 2nd-Year Effects of Insecticide Spray and Bait Treatments on Populations of Rangeland Grasshoppers. *Can entomol* 121: 589-602.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Foster, R. N., Bohls, R. A., Pooler, P. D., Reuter, K. C., and Swain, J. L. (1991). Effect of Habitat Characteristics and Perturbation From Insecticides on the Community Dynamics of Ground Beetles (Coleoptera: Carabidae) on Mixed-Grass Rangeland. *Environ entomol* 20: 1285-1294.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Quinn, M. A., Kepner, R. L., Walgenbach, D. D., Foter, R. N., Bohls, R. A., Pooler, P. D., Reuter, K. C., and Swain, J. L. (1990). Effect of Habitat and Perturbation on Populations and Community Structure of Darkling Beetles (Coleoptera: Tenebrionidae) on Mixed Grass Rangeland. *Environ entomol* 19: 1746-1755.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rabbi, M. F., Haq, M., Karim ANMR, and Kamal, N. Q. (1993). Efficacy of Some Insecticides Against Rice Green Leafhopper, *Nephotettix Virescens* (Distant) and Their Effect on Ladybird Beetle, *Micraspis Discolor* Fab. *Bangladesh Journal of Entomology [BANGLADESH J. ENTOMOL.]*. Vol. 3, pp. 59-65. 1993.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rabindra, R. J., Jayaraj, S., and Balasubramanian, M. (1988). Farinocystis tribolii-Induced Susceptibility to Some Insecticides in *Tribolium castaneum* Larvae. *J.Invertebr.Pathol.* 52: 389-392.

EcoReference No.: 105016

Chemical of Concern: MLN,CPY,FNV,CYP; Habitat: T; Effect Codes: BEH,GRO,MOR,BCM; Code: LITE EVAL CODED(CPY),TARGET(MLN,FNV,CYP).

Rabindra, R. J., Jayaraj, S., and Balasubramanian, M. (1988). Farinocystis Tribolii-Induced Susceptibility to Some Insecticides in *Tribolium Castaneum* Larvae. *Journal of Invertebrate Pathology* 52: 389-392.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Radadia, B. V. and Bhalani, P. A. (Chemical Control of Chiku Bud Borer Anarsia-Achrasella. *Pesticides (bombay)*; 20 (12). 1986 (recd. 1987). 41-42.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Radke, S. G. and Thakare, A. Y. (1989). Chemical Control of Citrus Leaf Miner. *P k v (punjabrao krishi vidyapeeth) res j* 13: 44-47.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Raftos, D. A. (1986). The Biochemical Basis of Malathion Resistance in the Sheep Blowfly, *Lucilia Cuprina*. *Pesticide Biochemistry and Physiology* 26: 302-309.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Raftos, D. A. and Hughes, P. B. (1986). Genetic Basis of a Specific Resistance to Malathion in the Australian Sheep Blow Fly, *Lucilia Cuprina* (Diptera: Calliphoridae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 79, no. 3, pp. 553-557. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Raga, A. and Sato, M. E. (2005). Effect of Spinosad Bait Against *Ceratitis Capitata* (Wied.) And *Anastrepha Fraterculus* (Wied.) (Diptera: Tephritidae) in Laboratory. *Neotropical Entomology [Neotrop. Entomol.]*. Vol. 34, no. 5, pp. 815-822. Sep-Oct 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Raghavendra, K., Subbarao, S. K., Pillai, M. Kk, and Sharma, V. P. (1998). Biochemical Mechanisms of Malathion Resistance in Indian Anopheles Culicifacies (Diptera: Culicidae) Sibling Species a, B, and C: Microplate Assays and Synergistics Studies. *Annals of the entomological society of america* 91: 834-839.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ragumoorthi, K. N. and Arumugam, R. (1992). Chemical Control of Ber Fruitfly *Carpomyia Vesuviana* Costa. *Indian j plant prot* 20: 32-36.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ragumoorthi, K. N. and Arumugam, R. (1992). Control of Moringa Fruitfly *Gitona*-Sp and Leaf Caterpillar *Noorda-Blitealis* With Insecticides and Botanicals. *Indian j plant prot* 20: 61-65.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rahman, M. d. A. and Shahjahan, M. d. (2000). Resistance of Red Flour Beetle, *Tribolium Castaneum* (Herbst), Against Some Commonly Used Insecticides in Bangladesh. *Bangladesh Journal of Entomology [Bangladesh J. Entomol.]*. Vol. 10, no. 1-2, pp. 87-95. Jun-Dec 2000.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rai, K. M., Gupta, B. P., and Tripathi, G. M. (1985). Biology and Control of Cabbage White Butterfly *Pieris-Brassicae* Linn. *Lepidoptera Pieridae*. *Prog hortic* 17: 376-381.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rai, K. M. and Joshi, R. (1988). Bean Bug, *Chauliops Nigrescens* Dist. And Its Control. *Prog hortic* 20: 152-154.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Raja Sekhar P (1997). Efficacy of Some Insecticides Against Safflower Caterpillar, *Prospalta Conducta* (Walker). *Journal of insect science* 10: 85-86.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ramakrishnan, N., Saxena, V. S., and Dhingra, S. (Insecticide-Resistance in the Population of *Spodoptera-Litura* in Andhra Pradesh India. *Pesticides (bombay)*; 18 (9). 1984 (recd. 1985). 23,27.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ramalho, F. S. and Jesus, F. Mm (1989). Evaluation of Electrodynamic and Conventional Insecticides Against Cotton Boll Weevil and Pink Bollworm. *Int pest control* 31: 56-58, 60.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ramzan, M., Chahal, B. S., and Judge, B. K. (1989). Field Evaluation of Synthetic Pyrethroids for the Protection of Stored Wheat Seed Against Storage Pests. *Int pest control* 31: 87-89.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ramzan, M., Chawla, R. P., and Chahal, B. S. (Efficacy of Pre-Harvest Application of Some Insecticides on Wheat

for Post-Harvest Protection Against Storage Pests. *Pesticides (bombay)*; 20 (7). 1986 (recd. 1987). 50-51.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rao, C. Gs and Rao, P. K. (1988). Effect of Food on the Susceptibility of Rice Weevil *Sitophilus-Oryzae* Linnaeus to Newer Insecticides. *Pesticides (bombay)* 22: 17-19.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rao, D. Vs and Azam, K. M. (1987). Economical Control of Sorghum Earhead Bug. *Indian j plant prot* 15: 194-197.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rao, P. K. and Rao, L. R. (1991). Relative Toxicity of Certain Synthetic Pyrethroid Insecticides to *Lasioderma-Serricorne* Fabricius. *J maharashtra agric univ* 16: 304-305.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ratan, R., Singh, A. P., and Kumar, D. (1987). Relative Efficacy of Some Insecticides Against Third Instar Hoppers of *Acrida Exaltata* Walker. *Indian j entomol* 49: 370-373.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rathod, B. D. and Salunkhe, G. N. (1992). Laboratory Studies on Residual Toxicity of Certain Insecticides to the Parasite of the Potato Tuber Moth. *J maharashtra agric univ* 17: 371-372.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rathor, H. R. and Toquir, G. (1981). Mode of Inheritance of Malathion Resistance in *Anopheles Stephensi* Liston. *MOSQ. NEWS*. Vol. 41, no. 2, pp. 359-364. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ravindranath, K. and Pillai, K. S. (Control of Fruitfly of Bitter Gourd Using Synthetic Pyrethroids. *Entomon*; 11 (4). 1986 (recd. 1987). 269-272.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ravindranath, K. and Pillai, K. S. (1987). Effect of Some Synthetic Pyrethroids on Leafhopper and Aphid Population on Bittergourd. *Jayaraj, s. (Ed.). Resurgence of sucking pests* National symposium, coimbatore, india. Xii+272p. Tamil nadu agricultural university: coimbatore, india. Illus. Paper.; 0: 50-55.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rawlings, P. (1985). The Effects on Resistant Mosquitoes of Interrupted Exposure to Insecticides. *Pestic sci* 16: 186-191.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rawlins, S. C., Eliason, D. A., Moore, C. G., and Campos, E. G. (1988). Effects of Dengue-1 Infection in *Aedes Albopictus* on Its Susceptibility to Malathion. *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 4, no. 3, pp. 372-373. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reddy, D. J., Aziz, S. A., and Saxena, R. (1988). Effect of Some Recommended Control Measures on Sugarcane Scale and Its Parasitoid *Azotus-Fumipennis* Subba Rao Hymenoptera Aphelinidae. *J res apau (andhra pradesh agric univ)* 16: 10-13.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reddy, D. S., Srivastava, C., and Dhingra, S. (2004). Toxicity of Different Insecticides Against Malathion Resistant and Susceptible Strains of *Tribolium Castaneum* (Herbst). *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 28, no. 2, pp. 147-152. Jun 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reddy, K. L. and Singh, H. N. (Comparative Toxicity of Malathion and Carbaryl Against Red Cotton Bug *Dysdercus-Cingulatus* Fabricius Hemiptera Pyrrhocoridae. *J res apau (andhra pradesh agric univ)*; 13 (2). 1985 (recd. 1987). 161-162.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reed, C., Anderson, K., Brockschmidt, J., Wright, V., and Pedersen, J. (1990). Cost and Effectiveness of Chemical Insect Control Measures in Farm-Stored Kansas (Usa) Wheat. *J kans entomol soc* 63: 351-360.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reed, C., Pedersen, J. R., and Cuperus, G. W. (1993). Efficacy and Cost Effectiveness of Grain Protectants Applied to Farm-Stored Wheat at Harvest and Later. *J econ entomol* 86: 1590-1598.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reed, J. T. and Jackson, C. S. (1996). Evaluation of Insecticides for Control of Tarnished Plant Bugs in Mississippi 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 267-268.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reed, J. T. and Jackson, C. S. (1996). Laboratory Evaluation of Insecticides for Control of Tarnished Plant Bug in Mississippi 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 406-407.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reed, J. T. and Jackson, C. S. (1996). Laboratory Evaluation of Insecticides for Control of Tarnished Plant Bug in Mississippi 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 407-408.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rees, A. T., Field, W. N., and Hitchen, J. M. (1985). A Simple Method of Identifying Organophosphate Insecticide Resistance in Adults of the Yellow Fever Mosquito *Aedes-Aegypti*. *J am mosq control assoc* 1: 23-27.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reghunath, P., Nandakumar, C., and Das, N. M. (1987). Insecticide Control of the Insect Pest Complex of Bhindi *Abelmoschus-Esculentus* L. *Pesticides (bombay)* 21: 15-17.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reichenbach, N. G. (1985). Response of the Western Spruce Budworm Choristoneura-Occidentalis to Temperature and Dose of a Virus a Growth Regulator and an Organophosphate. *Entomol exp appl* 38: 57-64.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Reichenbach, N. G. (1985). Response of the Western Spruce Budworm to Temperature and Dose of a Virus, a Growth Regulator, and an Organophosphate. *Entomologia Experimentalis et Applicata [ENTOMOL. EXP. APPL.]*. Vol. 38, no. 1, pp. 57-63. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Renapurkar, D. M. (1990). Distribution and Insecticide Resistance of the Plague Flea Xenopsylla Cheopis in Maharashtra State, India. *Med vet entomol* 4: 89-96.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rhodes, L. F. and Mansingh, A. (Bioefficacy of Various Insecticidal Formulations on the Coffee Berry Borer Hypothenemus-Hampe Ferrari in Dry Coffee Berries. *J coffee res*; 15 (3-4). 1985 (recd. 1987). 82-89.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rhodes, L. F. and Mansingh, A. (1981). Susceptibility of the Coffee Berry Borer Hypothenemus Hampei Ferrari to Various Insecticidal Formulations. *Insect Science and Its Application [INSECT SCI. APPL.]*. Vol. 2, no. 4, pp. 227-231. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Riley, D. (1998). Control of Aphids on Spinach With Imidacloprid and Other Treatments 1996. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 23. Iv+418p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-77-9.* 23: 138-139.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Riordan, E. K. and Gregory, W. G. (1985). Toxicity of Insecticides to the Tsetse Fly, Glossina Palpalis Palpalis in Nigeria and Comparison of Tolerances in 1974-1975 and 1979-1982. *TROP. PEST MANAGE*. Vol. 31, no. 4, pp. 264-272. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ritchie Scott A, Long Sharron, and Montgomery Brian (2004). Efficacy of Methyl Bromide Fumigation and Insecticidal Dips Against Aedes Eggs on Lucky Bamboo. *Journal of the American Mosquito Control Association [J. Am. Mosq. Control Assoc.]*. Vol. 20, no. 3, pp. 283-285. 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Robert, L. L. and Olson, J. K. (1989). Susceptibility of Female Aedes Albopictus From Texas to Commonly Used Adulticides. *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 5, no. 2, pp. 251-253. 1989.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Roberts, R. H. (Evaluation of Cyfluthrin as a Ulv Cold Aerosol Against Caged Mosquitoes. *J am mosq control assoc*; 1 (4). 1985 (recd. 1986). 474-476.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Robertson, J. L. and Haverty, M. I. (1981). Multiphase Laboratory Bioassays to Select Chemicals for Field-Testing on the Western Spruce Budworm. *J.Econ.Entomol.* 74: 148-153.

EcoReference No.: 113408

Chemical of Concern: TDC,MLN,FNT,SPS,PMR,CBL,PSM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PMR),TARGET(PSM,CBL,FNT,MLN,TDC).

Robertson, J. L. and Lyon, R. L. (1973). Elm Spanworm: Contact Toxicity of Ten Insecticides Applied to the Larvae. *J.Econ.Entomol.* 66: 627-628.

EcoReference No.: 114314

Chemical of Concern: DDT,PYT,CBL,RSM,TVP,PSM,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(CBL,RSM,TVP,PSM,MLN).

Robertson, J. L. and Smith, K. C. (1984). Joint Action of Pyrethroids with Organophosphorus and Carbamate Insecticides Applied to Western Spruce Budworm (Lepidoptera: Tortricidae). *J.Econ.Entomol.* 77: 16-22.

EcoReference No.: 113233

Chemical of Concern: DM,FNV,PMR,CBL,MOM,TDC,CPY,ACP,FNT,MLN,PSM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PMR),OK(CPY),TARGET(DM,FNV,CBL,MOM,FNT,MLN,PSM,TDC).

Robertson, J. L. and Smith, K. C. (1984). Joint Action of Pyrethroids With Organophosphorus and Carbamate Insecticides Applied to Western Spruce Budworm (Lepidoptera: Tortricidae). *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 1, pp. 16-22. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rodriguez, M., Ortiz, E., Bisset, J. A., Hemingway, J., and Saledo, E. (1993). Changes in Malathion and Pyrethroid Resistance After Cypermethrin Selection of Culex Quinquefasciatus Field Populations of Cuba. *Med vet entomol* 7: 117-121.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Roger, C., Coderre, D., and Vincent, C. (1994). Mortality and Predation Efficiency of Coleomegilla maculata lengi (Coleoptera: Coccinellidae) Following Pesticide Applications. *J.Econ.Entomol.* 87: 583-588.

EcoReference No.: 116687

Chemical of Concern: CYP,CBL,BMY,MLN; Habitat: T; Effect Codes: MOR,BEH; Code: OK(BMY),TARGET(CYP,CBL,MLN).

Roger, C., Coderre, D., and Vincent, C. (1994). Mortality and Predation Efficiency of Coleomegilla Maculata Lengi (Coleoptera: Coccinellidae) Following Pesticide Applications. *Journal of economic entomology* 87: 583-588.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Roger, C., Vincent, C., and Coderre, D. (1995). Mortality and Predation Efficiency of Coleomegilla Maculata Lengi Timb. (Col., Coccinellidae) Following Application of Neem Extracts (Azadirachta Indica A. Juss., Meliaceae). *Journal of Applied Entomology*. Vol. 119, no. 6, pp. 439-444. Aug 1995.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rohilla, H. R. and Gupta, D. S. (1980). Toxicity of Insecticides in Mixtures I. Toxicity of Lindane and Ddt Used Alone and in Mixture With Some Organophosphorus Insecticides Against Housefly, Musca Domestica Linn. *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 42, no. 3, pp. 361-370. 1980.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Roland, J. and Szeto, S. (1990). Compatibility of the Winter Moth Parasitoid *Cyzenis Albicans* (Tachinidae) With Pesticide Use in the Cultivation of Blueberries in the Fraser Valley (British Columbia, Canada). *J entomol soc b c* 87: 79-81.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rosen, S., Hadani, A., Gur Lavi a, Berman, E., Bendheim, U., and Hisham, A. Y. (1987). The Occurrence of the Tropical Bedbug *Cimex-Hemipterus Fabricius* in Poultry Barns in Israel. *Avian pathol* 16: 339-342.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ross Halliday, W. (1988). Tissue Specific Esterase and Malathion Carboxylesterase Activity in Larvae of Malathion-Resistant *Plodia Interpunctella* (Hubner) (Lepidoptera: Pyralidae). *Journal of Stored Products Research* 24: 91-99.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rowland, M. (1990). Flight Activity of Insecticide Resistant and Susceptible *Anopheles Stephensi* Mosquitoes in Actograph Chambers Lined With Malathion, Gamma-Hch or Dieldrin. 4: 397-404.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rowland, M. (1985). Location of the Gene for Malathion Resistance in *Anopheles-Stephensi* Diptera Culicidae From Pakistan. *J med entomol* 22: 373-380.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rowland, Mark and Hemingway, Janet (1987). Changes in Malathion Resistance With Age in *Anopheles Stephensi* From Pakistan. *Pesticide Biochemistry and Physiology* 28: 239-247.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Roy, D. C. and Pande, Y. D. (1994). Damage to Brinjal by Lepi. *Pyraustidae* and Economics of Its Insecticidal Control. *Indian J.Agric.Res.* 28: 110-120.

Chemical of Concern: MLN,EFV; Habitat: T; Code: EFFICACY(EFV,MLN).

Rupes, V., Mueller, P., Ledvinka, J., and Pinterova, J. (1982). The Development of Resistance to Dimethoate in *Musca Domestica* in Czechoslovakia and the German Democratic Republic. *ACTA ENTOMOL. BOHEMOSLOV. Vol. 79, no. 6, pp. 412-421. 1982.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Rust, M. K. and Reiersen, D. A. (1989). Activity of Insecticides Against the Preemerged Adult Cat Flea in the Cocoon (*Siphonaptera: Pulicidae*). *J.Med.Entomol.* 26: 301-305.

EcoReference No.: 117753

Chemical of Concern:

PYN,KER,LIN,ATN,LIM,TLM,RSM,PPX,PTP,PMR,MLN,TMT,BFT,CBL,DZ,CPY,CYF,CYP,DDVP,FNV; Habitat: T; Effect Codes: MOR,GRO; Code: TARGET(TLM,LIM,RSM,PPX,PTP,DZ,PMR,MLN,BFT,CBL,CPY,CYF,CYP,DDVP,FNV),NO MIXTURE(ATN,TMT).

Rust, M. K. and Reiersen, D. A. (1988). Performance of Insecticides for Control of Cat Fleas (Siphonaptera: Pulicidae) Indoors. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 81, no. 1, pp. 236-240. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sahu, S. S., Gunasekaran, K., Jambulingam, P., and Das, P. K. (1990). Susceptibility Status of Anopheles-Fluviatilis Anopheles-Annularis and Anopheles-Culicifacies to Insecticides in Koraput District Orissa India. *Indian j malariol* 27: 51-54.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sain, M., Krishnaiah, N. V., and Kalode, M. B. (1987). Effectiveness of Spray Formulations Against Rice Leaf Folder Cnaphalocrocis-Medinalis Guenee Lepidoptera Pyralidae. *Entomon* 12: 17-20.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saini, R. K. and Chopra, N. P. (1988). Relative Toxicity of Different Insecticides to Field-Collected Larvae of Earias Vittella (Fab.). *J entomol res (new delhi)* 12: 169-170.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saini, R. K., Chopra, N. P., and Verma, A. N. (1989). Development of Insecticide Resistance and Cross-Resistance in Fenvalerate and Cypermethrin-Selected Strains of Earias-Vittella Fab. *Pestic sci* 25: 289-296.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sakata, K. and Miyata, T. (1994). Correlation of Esterase Isozymes to Malathion Resistance in the Small Brown Planthopper (Homoptera: Delphacidae). *Journal of economic entomology* 87: 326-333.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Salama, H. S. and Amin, A. H. (1983). Chemical Control of Scale Insects (Homoptera: Coccidae) Infesting Citrus Trees in Egypt. *Crop Protection* 2: 317-324.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. (Toxicity of Fenvalerate Against a Malathion-Resistant and a Susceptible Strain of Oryzaephilus-Surinamensis L. *Biologia (lahore)*; 32 (1). 1986 (recd. 1987). 119-126.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Shakoori, A. R. (1987). Permethrin and Malathion-Induced Macromolecular Abnormalities in Adult Tribolium-Castaneum Herbst. *Arch insect biochem physiol* 5: 45-56.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Shakoori, A. R. (1990). The Toxicity of Eight Insecticides to Sixth Instar Larvae and Adult Beetles of Tribolium Castaneum (Herbst.). *Pak j zool* 22: 207-216.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Shakoori, A. R. (1989). Toxicity of Malathion, Permethrin and Cypermethrin Against Resistant and Susceptible Strains of Tribolium Castaneum (Herbst.). *Pak j zool* 21: 347-360.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A., Shakoori, A. R., and Ahmad, M. (ed) (1980). Comparative Effects of Permethrin and Malathion on Dna, Rna and Total Protein Contents in Tribolium Castaneum Larvae.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A., Shakoori, A. R. *, Wilkins, R. M., and Mantle, D. (1994). In Vivo Effect of Lambda-Cyhalothrin and Malathion on the Proteolytic Enzymes of Malathion-Resistant and Susceptible Strains of Musca Domestica. *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 26, no. 4, pp. 327-333. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Wilkins, R. M. (1984). Precocene-I: an Anti-Juvenile Hormone, a Potential 4th Generation Insecticide Against a Malathion-Resistant Strain of Oryzaephilus Surinamensis (L.). *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 16, no. 2, pp. 195-201. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Wilkins, R. M. (Studies on the Cross-Resistance to Nrdc-143 of a Malathion-Resistant Strain of Oryzaephilus-Surinamensis Coleoptera Cucujidae. *Pak j zool*; 16 (2). 1984 (recd. 1985). 203-214.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saleem, M. A. and Wilkins, R. M. (1983). Toxicity of Pirimiphos-Methyl Against a Malthion-Resistant and a Susceptible Strain of the Saw-Toothed Grain Beetle, Oryzaephilus Surinamensis (L.). *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 15, no. 1, pp. 89-94. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Salunkhe, G. N. (1985). Protection of Sorghum Seeds From Infestation of Rice Weevil Sitophilus-Oryzae. *J maharashtra agric univ* 10: 223.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sames, W. J Iv, Bueno, R. Jr, Hayes, J., and Olson, J. K. (Insecticide Susceptibility of Aedes Aegypti and Aedes Albopictus in the Lower Rio Grande Valley of Texas and Mexico.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sanchez-Salas, J. A. and Blanco-Montero, C. A. (1993). Insecticide and Acaricide Effects on Mortality of Two Parasites of the Citrus Blackfly 1989. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.* 0: 368-369.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sangma, S. K., Hameed, S. F., and Singh, S. P. (1988). Relative Toxicity of Some Insecticides Against Brinjal Shoot and Fruit Borer, Leucinodes Orbonalis Guen. *Journal of Entomological Research [J. ENTOMOL. RES.]*. Vol. 12, no. 2, pp. 177-178. 1988.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saracco, P., Marzachi(grave), C., and Bosco, D. (2008). Activity of Some Insecticides in Preventing Transmission of Chrysanthemum Yellows Phytoplasma ('candidatus Phytoplasma Asteris') by the Leafhopper Macrosteles Quadripunctulatus Kirschbaum. *Crop Protection*, 27 (1) pp. 130-136, 2008.

Chemical of Concern: MLN; Habitat: T; Code: EFFICACY(MLN).

Sardana, H. R., Singh, D. S., and Sircar, P. (Effects of Solvents and Emulsifiers on the Toxicity of Malathion Emulsion to Spodoptera-Litura Fab. *Indian j entomol*; 46 (1). 1984 (recd. 1987). 71-82.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sardar, M. A. and Sarker, K. R. (1988). Bioassay of Pesticides on the Life Stages of Red Mite Tetranychus-Biocolatus Wood-Mason Prostigmata Tetranychidae. *Acarologia (paris)* 29: 279-284.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sattigi, H. N., Kulkarni, K. A., and Thontadarya, T. S. (Effect of Different Insecticides for Bag Treatment Against Rice Weevil Sitophilus-Oryzae. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 55-57.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sattigi, H. N., Ni, K. Ak, and Thontadarya, T. S. (Residues of Insecticides Used for the Control of Stored Grain Beetle Pests on Sorghum. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 61-62.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sattigi, H. N. and Rai, P. S. (Evaluation of Some Grain Protectants Against Rice Weevil Sitophilus-Oryzae Linnaeus Curculionidae Coleoptera. *Pesticides (bombay)*; 20 (8). 1986 (recd. 1987). 45-47.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, A. P., Raj, B. T., and Rawat, P. S. (Chemical Control of Potato Tuber Moth Phthorimsea-Operculella in Country Stores. *Jipa (j indian potato assoc)*; 11 (3-4). 1984 (recd. 1985). 113-115.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, P. N. (1990). Viscosity a Biophysical Factor Affecting Penetration of Malathion in Periplaneta. *J environ biol* 11: 431-433.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, P. N. and Saxena, S. C. (1985). Atypical Growth in Periplaneta Brain After Malathion Treatment. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 34, no. 2, pp. 275-279. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, P. N. and Saxena, S. C. (1991). Brain Biochemical Changes an Asset of Mode of Action of Malathion in Periplaneta Americana L. *Proc natl acad sci india sect b (biol sci)* 61: 1-8.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, S. C. and Saxena, P. N. (1985). Combined Effect of Malathion and Piperonyl Butoxide on Periplaneta Americana L.: An Assessment Based on Knock-Down Response and Histopathological Observations. *Entomon. Vol. 10, no. 2, pp. 151-158. 1985.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, S. C. and Saxena, P. N. (1985). Cytopathological and Numerical Changes in Hemocytes of *Periplaneta Americana* After Treatment With Malathion. *Bull environ contam toxicol* 34: 842-849.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, S. C. and Saxena, P. N. (1984). Efficacy of Different Malathion Formulations Applied to Different Loci in *Periplaneta Americana* L. (Dictyoptera: Blattidae). *Israel Journal of Entomology [ISR. J. ENTOMOL.]*. Vol. 18, pp. 91-94. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, S. C. and Saxena, P. N. (1984). Kinetics of Malathion Penetration Into *Periplaneta Americana* L. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 32, no. 2, pp. 205-211. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, V. S. (Anti Resistant Formulations a Way to Meet the Challenge of Insecticide Resistance. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 76-79.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Saxena, V. S. (1980). Comparative Efficacy of Some Insecticides Against Black Mutant of *Tribolium Castaneum* Herbst. *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 42, no. 4, pp. 782-784. 1980.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Schaafsma, A. W. (1990). Resistance to Malathion in Populations of Indian Meal Moth, *Plodia interpunctella* (Lepidoptera: Pyralidae). *Proc entomol soc ont* 121: 101-104.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Scharf, M. E., Hemingway, J., Small, G. J., and Bennett, G. W. (1997). Examination of Esterases From Insecticide Resistant and Susceptible Strains of the German Cockroach, *Blattella Germanica* (L.). *Insect biochemistry and molecular biology* 27: 489-497.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Schreiber, E. T. and Jones, C. J. (1994). Evaluation of Inoculative Releases of *Toxorhynchites Splendens* (Diptera: Culicidae) in Urban Environments in Florida. *Environmental Entomology [ENVIRON. ENTOMOL.]*. Vol. 23, no. 3, pp. 770-777. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Seaton, K. A., Cook, D. F., and Hardie, D. C. (1997). The Effectiveness of a Range of Insecticides Against Western Flower Thrips (*Frankliniella Occidentalis*) (Thysanoptera: Thripidae) on Cut Flowers. *Australian journal of agricultural research* 48: 781-787.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sedlacek, J. D., Barney, R. J., Price, B. D., and Siddiqui, M. (1991). Effect of Several Management Tactics on Adult Mortality and Progeny Production of *Sitophilus Zeamais* (Coleoptera: Curculionidae) on Stored Corn in the Laboratory. *J econ entomol* 84: 1041-1046.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sekar, P. and Shunmugavelu, M. (1992). Toxicity of Some Pesticides to Predatory Spiders (Araneae). *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 10, no. 2, pp. 459-460. 1992.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sekhar, P. and Christy, I. (1998). Alterations in Haemocyte Population of Pheropsophus Lissoderus Exposed to Malathion Toxicity. *Geobios (jodhpur)* 25: 242-244.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shah, B. R., Borad, P. K., Patel, J. R., Mehta, D. M., and Patel, J. I. (1990). Bio-Efficacy of Various Insecticides Against Brinjal Jassid Amrasca-Biguttula-Biguttula Ishida. *Indian j plant prot* 18: 261-264.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shahid, M. and Javaid, A. A. (1983). Residual Toxicity of Some Organophosphorus Insecticides for the Control of House Fly. *BULL. ZOOL*. Vol. 1, pp. 91-95. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shakoori, A. R. and Bhatti, N. G. (1994). Effect of Trebon (Ethofenprox) on the Carbohydrate Utilization by Adult Beetles of an Organophosphorous Insecticide-Susceptible (Fss-Ii) and Malathion-Resistant (Pak) Strains of Tribolium Castaneum (Herbst.) (Coleoptera: Tenebrionidae). *Bangladesh journal of zoology* 22: 33-41.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shakoori, A. R., Malik, M. Z., and Saleem, M. A. (1994). Toxicity of Cyhalothrin (Karate) to Sixth Instar Larvae of Pakistani Strain of Tribolium Castaneum (Herbst) (Coleoptera: Tenebrionidae). *Pakistan Journal of Zoology [PAK. J. ZOOL.]*. Vol. 26, no. 1, pp. 57-64. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shakoori, A. R., Malik, M. Z., and Saleem, M. A. (1993). Toxicity of Karate to Malathion-Resistant Pakistan Strain of Red Flour Beetle (Tribolium Castaneum) Adults. *Pakistan journal of zoology* 25: 261-270.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shakoori, A. R. and Saleem, M. A. (1991). Comparative Biochemical Composition of a Susceptible (Fss Ii) and Two Malathion Resistant (Ctc 12 and Pakistan) Strains of Tribolium Castaneum (Herbst.) (Coleoptera: Tenebrionidae). *Pak j zool* 23: 1-10.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shakoori, A. R. and Saleem, M. A. (1989). Some Macromolecular Abnormalities Developed by the Interaction of Malathion and Permethrin and Subsequent Refeeding in Tribolium Castaneum Larvae. *Arch insect biochem physiol* 11: 203-216.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharanabasava, H., Manjunatha, M., and Hanchinal, S. G. (1999). Interaction of Chrysoperla Carnea (Neuroptera: Chrysopidae) With Botanicals and Recommended Pesticides Used Against Spider Mite Tetranychus Neocaledonicus (Acari: Tetranychidae). *Indian Journal of Acarology [Indian J. Acarol.]*. Vol. 14, no. 1-2, pp. 10-15. Oct 1999.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, B. L. and Pande, Y. D. (1986). Persistence and Relative Residual Toxicity of Some Pesticides Against Tetranychus-Neocaledonicus on Bottle Gourd. *Pesticides (bombay)* 20: 39-40.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, D. C. and Singh, M. (1993). Residual Toxicity of Insecticides on Cabbage Caterpillar (Pieris brassicae) and Their Dissipation on Cauliflower (Brassica oleracea Convar botrytis var botrytis). *Indian J.Agric.Sci.* 63: 59-63.

EcoReference No.: 118551

Chemical of Concern: DM,PMR,FNV,CYP,DDVP,ES,MLN; Habitat: T; Effect Codes: MOR,ACC; Code: LITE EVAL CODED(PMR),OK(ES),TARGET(DM,FNV,CYP,DDVP,MLN).

Sharma, H. C., Vidyasagar, P., and Leuschner, K. (1988). Field Screening Sorghum for Resistance to Sorghum Midge Diptera Cecidomyiidae. *J econ entomol* 81: 327-334.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, M., Patidar, S., Rathi, R. K., and Sharma, U. (1997). Effectiveness and Residual Toxicity of Different Insecticides Against Gram Pod Borer. *Crop research (hisar)* 14: 493-495.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, P. K., Kashyap, N. P., and Sharma, D. C. (1996). Persistence and Residual Toxicity of Some Insecticides Against Aphis Gossypii (Glov.) On Okra Leaves. *Journal of entomological research (new delhi)* 20: 313-315.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, R. S. (1996). Susceptibility Status of Malaria Vector Anopheles Culicifacies Giles (Diptera: Culicidae) to Ddt, Dieldrin and Malathion in Punjab. *Journal of Insect Science. Vol. 8, no. 1, pp. 63-65. Mar 1996.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, R. S., Sharma, S. N., and Sharma, R. S. (1995). Susceptibility Level of Malaria Vector Anopheles Culicifacies (Diptera: Culicidae) to Malathion. *Mosquito borne diseases bulletin* 12: 10-12.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, S. S., Khurana, D. S., and Randhawa, K. S. (1987). Occurrence of Storage Insects in Potato Solanum-Tuberosum L. Tubers. *J res punjab agric univ* 24: 103-104.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharma, Y. (1985). Selective Toxicity of Aak Calotropis-Procera Extract With Insecticides Against Rhizopertha-Dominica. *Geobios (jodhpur)* 12: 31-32.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sharvale, T. G. and Borikar, P. S. (1998). Laboratory Evaluation of Plant Products and Grain Protectants for Prevention of Damage by Callosobruchus Chinensis (Linnaeus) in Stored Chickpea. *Agricultural science digest* 18: 234-236.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shawir, M., le Patourel, G. N. J., and Moustafa, F. I. (1988). Amorphous Silica as an Additive to Dust Formulations of Insecticides for Stored Grain Pest Control. *Journal of Stored Products Research* 24: 123-130.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sheikh, A. G. and Kushwaha, K. S. (1987). Relative Contact Toxicity of Four Common Insecticides to *Apanteles* Sp. (*Vitripennis* Sp Group) and Its Host *Spodoptera Litura* (F.). *Journal of Biological Control [J. BIOL. CONTROL.]*. Vol. 1, no. 1, pp. 16-19. 1987.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shiotsuki, T., Takeya, R., and Eto, M. (1987). Glutathione-Dependent Degradation of Organophosphate Insecticides by Organophosphate-Susceptible and Resistant Housefly Abdomen Homogenates. *Agricultural and Biological Chemistry [AGRIC. BIOL. CHEM.]*. Vol. 51, no. 7, pp. 1851-1858. 1987.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shiotsuki, T., Takeya, R., Eto, M., and Shono, T. (1988). Characteristics of Houseflies Selected by Fenitrothion and Diethyl Fenitrothion. *Agric biol chem* 52: 2191-2196.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shirke, M. S. and Salunkhe, G. N. (1996). Relative Residual Toxicity of Some Insecticides to *Cryptalaemus Montrouzieri* Muls. A Predator of Mealy Bugs. *Journal of maharashtra agricultural universities* 21: 370-371.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shivankar, V. J. and Kaul, C. L. (1990). Effect of Different Surfaces on Toxicity and Persistence of Certain Insecticides. *Indian j entomol* 52: 241-248.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shotkoski, F. A., Mayo, Z. B., and Peters, L. L. (1990). Induced Disulfoton Resistance in Greenbugs (Homoptera: Aphididae). *J.Econ.Entomol.* 83: 2147-2152.

EcoReference No.: 112266

Chemical of Concern: CBF,ADC,DS,TBO,DMT,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(CBF,ADC,DS,TBO,DMT,MLN).

Showler, A. T., Sappington, T. W., Foster, R. N. , Reuter, K. C., Roland, T. J., and El-Lissy, O. A. (2002). Aerially Applied Standard Rate Malathion Against Reduced Rates of Malathion + Cottonseed Oil for Boll Weevil Control. *Southwestern Entomologist*, 27 (1) pp. 45-58, 2002.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shrama, R. S. (1990). Susceptibility Status of Malaria Vectors *Anopheles Culicifacies* and *Anopheles Stephensi* (Diptera: Culicidae) to Ddt, Dieldrin and Malathion. *Entomon.* Vol. 15, no. 3-4, pp. 253-256. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shukla, A., Pathak, S. C., and Agrawal, R. K. (1996). Efficacy and Economics of Some Insecticides and Plant Products Against the Infestation of Okra Shoot and Fruit Borer, *Earias Vittella* Fab. *Crop research (hisar)* 12: 367-373.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shukla, R. M., Chand, G., and Saini, M. L. (1989). Effect of Malathion Resistance on Tolerance to Various Environmental Stresses in Rust-Red Flour Beetle (*Tribolium Castaneum*). *Indian j agric sci* 59: 778-780.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Shyamal, B., Ravi Kumar, R., Sohan, L., Balakrishnan, N., Veena, M., and Shiv, L. (Present Susceptibility Status of Rat Flea *Xenopsylla Cheopis* (Siphonaptera: Pulicidae), Vector of Plague Against Organochlorine, Organophosphate and Synthetic Pyrethroids 1. The Nilgiris District, Tamil Nadu, India. *J Commun Dis*. 2008, Mar; 40(1):41-5. [*The Journal of communicable diseases*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Siegfried, B. D. and Scott, J. G. (1990). Properties and Inhibition of Acetylcholinesterase in Resistant and Susceptible German Cockroaches (*Blattella Germanica* L.). *Pestic biochem physiol* 38: 122-129.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Silhacek, D. L., Oberlander, H., and Zettler, J. L. (1976). Susceptibility of Malathion-Resistant Strains of *Plodia Interpunctella* to Juvenile Hormone Treatments. *Journal of Stored Products Research* 12: 201-203.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singaravelu, G., Mahalingam, S., and Shanmugapriya, J. (1998). Comparative Efficacy of Three Insecticides Against Housefly, *Musca Domestica* in a Cholera Endemic Area Vellore. *Geobios (jodhpur)* 25: 120-124.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, A. K., Sharma, S., and Ehteshamuddin, S. (1993). Effect of Malathion and B.h.c. On Body Protein and Amino Acids of *Epilachna-Viginti-Octopunctata* Fabr. (Coccinellidae, Coleoptera) Adults. *Comparative Physiology and Ecology [COMP. PHYSIOL. ECOL.]*. Vol. 18, no. 2, pp. 56-59. 1993.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, A. K., Sharma, S., and Ehteshamuddin, S. (1990). Effect of Malathion and Bhc on the Hemolymph Protein and Amino Acid Concentrations in *Epilachna Vigintioctopunctata* Fabr. (Coccinellidae: Coleoptera). *Environment and ecology. Kalyani [ENVIRON. ECOL.]*. Vol. 8, no. 3, pp. 889-892. 1990.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, D. and Jain, D. C. (1987). Relative Toxicity of Various Organic Solvents Generally Used in Screening Plant Products of Insecticidal Activity Against the House Fly *Musca-Domestica* L. *Indian J.Exp.Biol.* 25: 569-570.

EcoReference No.: 113332

Chemical of Concern: ETHN,nBUT,BNZ,CF,MOL,MOIL,MLN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(nBUT,ETHN,MOL),TARGET(MLN,MOIL).

Singh, D. and Jain, D. C. (1987). Relative Toxicity of Various Organic Solvents Generally Used in Screening Plant Products of Insecticidal Activity Against the House Fly *Musca-Domestica* L. *Indian j exp biol* 25: 569-570.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, D. and Singh, A. K. (1991). Repellent and Insecticidal Properties of Essential Oils Against Housefly, *Musca Domestica* L. *Insect sci appl* 12: 487-492.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, D. S., Sircar, P., and Dhingra, S. (Status of Bihar Hairy Caterpillar, *Diacrisia Obliqua* (Arctiidae: Lepidoptera) in the Context of Susceptibility to Pyrethroid and Non-Pyrethroid Insecticides Evaluated During the Last Two Decades. *J entomol res (new delhi)*; 9 (1). 1985 (recd. 1986). 15-18.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, H. M. and Rizvi, S. Ma (1989). Comparative Efficacy and Economics of Insecticides Against Chickpea Semilooper, *Autographa Nigrisigna* Walker (Noctuidae: Lepidoptera) Infesting Chickpea. *Trop pest manage* 35: 374-376.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, H. M. and Rizvi, S. Ma (1993). Evaluation of Insecticides for Their Relative Efficacy Against Two Bugs *Metacanthus Pulchellus* Dallas and *Cyrtopeltis Tenuis* Reuter Infesting Bottlegourd. *Indian journal of plant protection* 21: 108-109.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, K. J. and Singh, O. P. (1988). Chemical Control of the Blue Beetle Cheorane-Sp and Gray Semilooper *Rivula*-Sp on Soybean in Madhya Pradesh India. *Pesticides (bombay)* 22: 29-31.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, K. J. and Singh, O. P. (1989). Toxicity of Some Insecticides to *Andrallus-Spinidens* Fabricius Pentatomidae Hemiptera. *J biol control* 3: 67-68.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, K. V. and Bansal, S. K. (Insecticide Susceptibility of *Phlebotomus Papatasi* to Organochlorine, Organophosphate and Carbamate Compounds in Some Arid Areas of Western Rajasthan.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, K. V. and Bansal, S. K. (1996). Insecticide Susceptibility of *Phlebotomus papatasi* to Organochlorine, Organophosphate & Carbamate Compounds in Some Arid Areas of Western Rajasthan. *Indian J.Med.Res.* 103: 91-93.

EcoReference No.: 111742

Chemical of Concern: DLD,DDT,FNT,PPX,MLN; Habitat: T; Effect Codes: MOR; Code: TARGET(FNT,PPX,MLN).

Singh, K. V. and Bansal, S. K. (1996). Present Susceptibility of *Culex Tritaeniorhynchus* to Conventional and Some Other Insecticides in Kota Rajasthan. *Journal of communicable diseases* 28: 64-66.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, M. (Preliminary Studies on Tortricid Caterpillar *Cacoecia-Epicyrta* Feeding on Apple Fruit. *Pesticides (bombay)*; 18 (11). 1984 (recd. 1985). 34.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, M. P., Sharma, D. D., and Hameed, S. F. (1988). Post-Treatment Temperature Effect of Toxicity of Some Acaricides to Tetranychus-Neocaledonicus on Okra Abelmoschus-Esculentus. *Indian j agric sci* 58: 77-79.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, N. N., Maurya, R. K., and Raju, S. V. S. (1998). Relative Toxicity of Some Commonly Used Insecticides Against Armyworm, Mythimna Separata (Walker). *Journal of Insect Science [J. Insect Sci.]*. Vol. 11, no. 1, pp. 82-83. Mar 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. (1982). Effect of Malathion on the Free Amino Acids in the Haemolymph of Dysdercus Koenigii (Hemiptera-Pyrrhocoridae). *Entomon*. Vol. 7, no. 3, pp. 253-256. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. and Kavadia, V. S. (1990). Use of Microcage for Confining of Test Insects on Living and Non-Living Surfaces and Relative Toxicity of Some Insecticides to Tribolium-Castaneum Herbst. *Indian j entomol* 52: 508-510.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. M. and Sharma, A. (1990). Pennisetum Typhoides Assay System in Monitoring the Genotoxicity of Certain Pesticides. *J environ biol* 11: 365-370.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. N., Mandal, C., and Sinha, S. S. (1995). Effect of Certain Insecticides on Pumpkin Beetle Aulacophora Foveicollis L. A Pest of Tasar Food Plants. *Indian journal of sericulture* 34: 140-141.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. N., Mandal, K. C., Chowdhary, C. C., Nigam, M. P., and Sengupta, K. (1989). Evaluation of Some Insecticides for Control of Gall Insects Homoptera Psyllidae of Tasar Food Plants. *Indian j seric* 28: 90-93.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. N., Mandal, K. C., Kumar, N., and Sinha, S. S. (1992). Laboratory Evaluation of Insecticides Against the White Grub Anomala-Blanchardi Blanch a Pest of Tasar Food Plant. *Indian j seric* 31: 65-66.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, R. N. and Thangavelu, K. (1992). Relative Efficacy of Some Insecticides for the Control of Vapourer Tussock Moth, Notolophus Antiqua Linn. Infesting Tasar Food Plants. *Journal of insect science* 5: 229-230.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, S. P. and Jalali, S. K. (Impact of Pesticides on Natural Enemies of Agricultural Pests. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. Isbn 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2).; 0 (0). 1998. 162-175.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Singh, S. P., Verma, A. N., and Lodhi, G. P. (1986). Chemical Control of Heliothis-Armigera Huebner Infesting Seed Crop of Egyptian Clover. *Pesticides (bombay)*; 20 (8). 1986 (recd. 1987). 56-57, 65.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sivori, J. L., Casabe, N., Zerba, E. N., and Wood, E. J. (1997). Induction of Glutathione S-Transferase Activity in Triatoma Infestans. *Memorias do instituto oswaldo cruz* 92: 797-802.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Smyth, K. A., Russell, R. J., and Oakeshott, J. G. (1998). Propetamphos Resistance in the Australian Sheep Blowfly, Lucilia Cuprina (Wiedemann) (Diptera: Calliphoridae). *Australian Journal of Entomology [Aust. J. Entomol.]*. Vol. 37, pt. 1, pp. 57-59. 3 Apr 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Smyth, K. A., Walker, V. K., Russell, R. J., and Oakeshott, J. G. (1996). Biochemical and Physiological Differences in the Malathion Carboxylesterase Activities of Malathion-Susceptible and -Resistant Lines of the Sheep Blowfly, Lucilia Cuprina. *Pesticide Biochemistry and Physiology [PESTIC. BIOCHEM. PHYSIOL.]*. Vol. 54, no. 1, pp. 48-55. 1996.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Snodgrass, G. L., Adamczyk, J. J., and Gore, J. (2005). Toxicity of Insecticides in a Glass-Vial Bioassay to Adult Brown, Green, and Southern Green Stink Bugs (Heteroptera: Pentatomidae). *Journal of Economic Entomology [J. Econ. Entomol.]*. Vol. 98, no. 1, pp. 177-181. Feb 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Snodgrass, G. L. and Scott, W. P. (2003). Effect of Ulv Malathion Use in Boll Weevil (Coleoptera: Curculionidae) Eradication on Resistance in the Tarnished Plant Bug (Heteroptera: Miridae). *Journal of Economic Entomology [J. Econ. Entomol.]*. Vol. 96, no. 3, pp. 902-908. Jun 2003.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Snow, K. R. (1987). Control of Mosquito Nuisance in Britain Uk. *J am mosq control assoc* 3: 271-275.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Snow, K. R. (1986). Mosquito Nuisance and Control in Uk. *Environ health (lond)* 94: 265, 267-268.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Soderlund, D. M. and Bloomquist, J. R. (1990). Molecular Mechanisms of Insecticide Resistance. *Roush, r. T. And b. E. Tabashnik (ed.). Pesticide resistance in arthropods. 1x+303p. Routledge, chapman and hall: new york, new york, usa; london, england, uk. Illus. Maps. Isbn 0-412-01971-x.; 0 (0). 1990. 58-96. Ab - biosis copyright: biol abs. Rrm insect metabolic detoxication intoxication cytochrome p-450 monooxygenase enzyme activity.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sodhi, R. S. and Sekhon, S. S. (1994). Chemical Control of Maize Jassid, Zyginidia Manaliensis (Singh) on Winter Maize in Punjab. *Journal of insect science* 7: 226-227.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Solomon, K. R., Macdonald, S., Surgeoner, G., and Harris, C. R. (1990). Housefly Resistance to Pyrethroids. *Pyrethrum post* 17: 146-152.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sone, S., Tsuboi, S. I., Otsu, Y., and Shono, T. (1997). Mechanisms of Low Susceptibility to Imidacloprid in a Laboratory Strain of the Small Brown Planthopper *Laodelphax Striatellus* Fallen. *Journal of pesticide science* 22: 236-237.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sood, A. K. and Kakar, K. L. (1991). Relative Persistence Toxicity of Some Insecticides Against Blister Beetle, *Mylabris* Spp. On Chrysanthemum Flowers. *J insect sci* 4: 97-98.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sower, L. L. and Shorb, M. D. (1985). Pesticides Have Little Impact on Attraction of 3 Species of Male Moths to Sex Pheromone. *J econ entomol* 78: 908-912.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sower, L. L. and Shorb, M. D. (1985). Pesticides Have Little Impact on Attraction of Three Species of Male Moths to Sex Pheromone. *J.Econ.Entomol.* 78: 908-912.

EcoReference No.: 112695

Chemical of Concern: CBL,MLN,DZ,FNV,DFZ; Habitat: T; Effect Codes: POP,BEH,PHY; Code: TARGET(DFZ,FNV,DZ,MLN,CBL).

Sparks, T. C., Quisenberry, S. S., Lockwood, J. A., Byford, R. L., and Roush, R. T. (Insecticide Resistance in the Horn Fly *Haematobia-Irritans*. *J agric entomol*; 2 (3). 1985 (recd. 1986). 217-233.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Speese III, J. (1995). Foliar Sprays to Control Insects in Wheat, Painter, VA, 1993. *Arthropod Manag.Tests* 20: 265-266 (142F).

EcoReference No.: 106276

Chemical of Concern: LCYT,MLN,CBL,DMT,CBF,MOM,DS; Habitat: T; Effect Codes: POP; Code: EFFICACY(LCYT,MLN,DMT,CBF,MOM,DS),TARGET(CBL).

Speese, J. Iii (1994). Cereal Leaf Beetle Screening 1993. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 19. Iii+403p. Entomological society of america: lanham, maryland, usa.* 0: 291.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Speese, J. Iii (1996). Foliar Sprays to Control Insects in Wheat 1995. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 318.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Speese, J. Iii (1995). Foliar Sprays to Control Insects in Wheat Painter Va 1993. *Burditt, a. K. Jr. (Ed.). Arthropod*

management tests, vol. 20. Iii+399p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-53-1. 0: 265-266.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Speirs, Roy D. and Larry Zettler, J. (1969). Toxicity of Three Organophosphorus Compounds and Pyrethrins to Malathion-Resistant *Tribolium Castaneum* (Herbst) (Coleoptera, Tenebrionidae). *Journal of Stored Products Research* 4: 279-283.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Spencer, A. G., Price, N. R., and Callaghan, A. (1998). Malathion-Specific Resistance in a Strain of the Rust Red Grain Beetle *Cryptolestes Ferrugineus* (Coleoptera: Cucujidae). *Bulletin of Entomological Research*, 88 (2) pp. 199-206, 1998.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sridevi, D. and Dhingra, S. (1999). Susceptibility of *Tribolium Castaneum* (Herbst) Adults to Non-Pyrethroid Insecticides. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 23, no. 3, pp. 201-207. Sep 1999.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srinivasa Reddy, D., Srivastava, C., and Paul, B. (2005). Residual Toxicity of Impregnated Insecticides on Gunnybags Against Red Flour Beetle (*Tribolium Castaneum*). *Indian Journal of Agricultural Sciences*, 75 (8) pp. 532-534, 2005.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srinivasan, S. and Rao, D. Vs (Evaluation of Certain Insecticidal Dusts Against Groundnut Leaf Webber *Aproaerema-Modicella* Synonym *Stomopteryx-Subsecivella*. *Pesticides (bombay)*; 19 (10). 1985 (recd. 1986). 36-37.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srivastava, M. K. and Gopal, K. (1984). Relative Toxicity of Organophosphorous Insecticides Against Stored Grain Pests. *Journal of advanced zoology. Gorakhpur [J. ADV. ZOOL.]*. Vol. 5, no. 1, pp. 23-27. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srivastava, P. K., Bhardwaj, B. S., and Gupta, R. P. (1992). Chemical Control of Onion Thrip Thrips-Tabaci. *Indian j agric sci* 62: 358-359.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srivastava, S. C. (1988). Susceptibility Tests With Certain Insecticides Against Stable Flies *Stomoxys-Calcitrans* L. Diptera Muscidae. *Indian vet j* 65: 838-839.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Srivastava, V. K., Singh, A., and Thapar, B. R. (Field Evaluation of Malathion Fogging Against Japanese Encephalitis Vector, *Culex Tritaeniorhynchus*. *J Vector Borne Dis*. 2008, Sep; 45(3):249-50. [Journal of vector borne diseases].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Stadler, T. and McKibben, G. H. (1997). Dose-Mortality Response of the Cotton Boll Weevil to Selected Insecticides, 1995. *Arthropod Manag.Tests*. 22: 416-417 (15L).

EcoReference No.: 117637

Chemical of Concern: LCYH,CPMR,MLN,MP,PMR,CYP,DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PMR,CPMR),TARGET(MLN,CYP,DM,LCYH) .

Stadler, T. and McKibben, G. H. (1997). Dose-Mortality Response of the Cotton Boll Weevil to Selected Insecticides 1995. *Saxena, c. R. Arthropod management tests, vol. 22. Iv+469p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2*. 22: 416-417.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Stadler, T. and Schang, M. M. (1989). Comparative Toxicities of Four Insecticides and the Diastereoisomers of Cyfluthrin to the "Cotton Stainer" *Dysdercus Albofasciatus* (Berg, 1878) (Heteroptera: Pyrrhocoridae). *Z angew zool* 76: 349-356.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Stansly, P. A. and Fulcher, G. L. (1996). Chemical Control of Citrus Leafminer Clm on 'valencia' Orange in Southwest Florida Fall 1994. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8*. 21: 81.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Stark, J. D., Vargas, R., and Miller, N. (2004). Toxicity of Spinosad in Protein Bait to Three Economically Important Tephritid Fruit Fly Species (Diptera: Tephritidae) and Their Parasitoids (Hymenoptera: Braconidae). *Journal of Economic Entomology*, 97 (3) pp. 911-915, 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Story, R., Ameen, A. O., Murray, M. J., Can, F., and Ring, D. (1997). Control of Tarnished Plant Bugs Leafhoppers Cucumber Beetles Treehoppers and Flea Beetles on Southern Pea 1995. *Saxena, c. R. Arthropod management tests, vol. 22. Iv+469p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-61-2*. 22: 147.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Strickman, D. (A New Aquatic Bioassay Technique Using *Wyeomyia-Smithii* the Pitcher-Plant Mosquito. *Cardwell, r. D., R. Purdy and r. C. Bahner (ed.). Astm (american society for testing and materials) special technical publication, 854. Aquatic toxicology and hazard assessment; seventh symposium, milwaukee, wisc., Usa, apr. 17-19, 1983. X+587p. American society for testing and materials: philadelphia, pa., Usa. Illus. Isbn 0-8031-0410-3.; 0 (0). 1985 (recd. 1986). 104-116.*

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Subramanyam, B. and Harein, P. K. (1990). Status of Malathion and Pirimiphos-Methyl Resistance in Adults of Red Flour Beetle and Sawtoothed Grain Beetle Infesting Farm-Stored Corn in Minnesota (Usa). *J agric entomol* 7: 127-136.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Subramanyam, B. h., Harein, P. K., and Cutkomp, L. K. (1989). Organophosphate Resistance in Adults of Red Flour Beetle (Coleoptera: Tenebrionidae) and Sawtoothed Grain Beetle (Coleoptera: Cucujidae) Infecting Barley Stored on Farms in Minnesota. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 82, no. 4, pp. 989-995. 1989.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Suchita, M. G., Reddy, G. Pv, and Murthy, M. Mk (1989). Relative Efficacy of Pyrethroids Against Rice Weevil *Sitophilus-Oryzae* L. Infesting Stored Wheat. *Indian j plant prot* 17: 243-246.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sudoi, V., Warui, C. M., and Ombaka, J. H. (1989). Control of the Yellow Tea Thrips *Scirtothrips Kenyensis* Mound, (Thysanoptera: Thripidae) With Formulations Containing Natural Pyrethrum, Synthetic Pyrethroids and Organophosphates. *Pyrethrum post* 17: 105-107.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sulaiman, S., Pawanchee, Z. A., Othman, H. F., Jamal, J., Wahab, A., Sohadi, A. R., Rahman, A. Ra, and Pandak, A. (1998). Field Evaluation of Cyfluthrin and Malathion 96 Tg Ulv Spraying at High-Rise Flats on Dengue Vectors in Malaysia. *Journal of vector ecology* 23: 69-73.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Suleman, M., Arshad, M., and Khan, K. (1996). Yellowfever Mosquito (Diptera: Culicidae) Introduced Into Landi Kotal, Pakistan, by Tire Importation. *Journal of medical entomology* 33: 689-693.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sumner, W. A. Li, Harein, P. K., and Subramanyam, B. (1988). Malathion Resistance in Larvae of Some Southern Minnesota Usa Populations of the Indian Meal Moth *Plodia-Interpunctella* Lepidoptera Pyralidae Infesting Bulk-Stored Shelled Corn. *Gr lakes entomol* 21: 133-138.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sun, C. N., Wu, T. K., Chen, J. S., and Lee, W. T. (1986). Insecticide Resistance in Diamondback Moth *Plutella-Xylostella*. *Griggs, t. D. (Ed.). Diamondback moth management* Proceedings of the first international workshop, tainan, taiwan, mar. 11-15, 1985. Xi+471p. The asian vegetable research and development center: shanhua, taiwan. Illus. Paper.; 0: 359-372.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Sundaram, R. M., Sadanand, A. V., and Narayanasamy, G. (1989). Susceptibility Status of Vectors of Japanese Encephalitis to Insecticides in South Arcot and Tirunelveli Districts of Tamil Nadu (India). *J commun dis* 21: 218-221.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Swain, V., Mohanty, S. S., and Raghavendra, K. (Sunlight Exposure Enhances Larval Mortality Rate in *Culex Quinqnefasciatus* Say. *J Vector Borne Dis.* 2008, Mar; 45(1):70-2. [*Journal of vector borne diseases*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Sweeney, K. J. (1993). Organophosphorus Insecticide Susceptibility of Mosquitoes in Maryland, 1985-89. *Journal of the American Mosquito Control Association [J. AM. MOSQ. CONTROL ASSOC.]*. Vol. 9, no. 1, pp. 8-12. 1993.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Taher, M. and Cutkomp, L. K. (1983). Effects of Sublethal Doses of Ddt and Three Other Insecticides on *Tribolium Confusum* J. Du V. (Coleoptera: Tenebrionidae). *Journal of Stored Products Research* 19: 43-50.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tahir, S., Anwar, T., and Naqvi, S. Nh (1992). Toxicity and Residual Effects of Novel Pesticides Against Rice Weevil, *Sitophilus Oryzae* (L.) (Coleoptera: Curculionidae). *Pak j zool* 24: 111-114.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Takada, H. and Murakami, Y. (1988). Esterase Variation and Insecticide Resistance in Japanese Aphis-Gossypii. *Entomol exp appl* 48: 37-41.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Takahashi, M. and Yasutomi, K. (1987). Insecticidal Resistance of *Culex Tritaeniorhynchus* (Diptera: Culicidae) in Japan: Genetics and Mechanisms of Resistance to Organophosphorus Insecticides. *Journal of Medical Entomology [J. MED. ENTOMOL.]*. Vol. 24, no. 6, pp. 595-603. 1987.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Takahashi, Y., Saito, T., Iyatomi, K., and Eto, M. (Joint Toxic Action of Organophosphorus Compounds and Various Compounds in Resistant Citrus Red Mites. Ii. Mechanism of Synergistic Action Between Malathion and K-1 (2-Phenyl-4h-1,3,2-Benzodioxaphosphorin-2-Oxide) in Organophosphate-Resistant Citrus Red Mites. *Bochu-kagaku (sci. Pest. Contr.)* 38(1): 13-21 1973..

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Talpur, M. A., Hussain, T., Rustamani, M. A., Baloch, H. B., Lakho, M. M., Ahmad, M., and Shakoori, A. R. (eds) (1994). Relative Toxicity of Different Insecticides to Yellow Thrips, Thrips Tabaci Lind. And Jassid, *Amrasca Devastans* Dist.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tan Weijia, Liang Gemei, and Guo Yuyuan (1999). Resistance Alleviation in the Larval Cotton Bollworm to Fenvalerate After Pretreatment With *Bacillus Thuringiensis*. *Entomologica Sinica [Entomol. Sinica]*. Vol. 6, no. 1, pp. 53-61. Mar 1999.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Tandale, T. H., Manjul, U. S., and Yadav, R. G. (1997). Chemical Control of Sugarcane Whitefly. *Journal of maharashtra agricultural universities* 22: 253-254.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tanigoshi, L. K. and Fargerlund, J. (1984). Implications of Parathion Resistance and Toxicity of Citricultural Pesticides to a Strain of *Euseius Hibisci* (Chant) (Acarina: Phytoseiidae) From the San Joaquin Valley of California. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 3, pp. 789-793. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Teh, K. H., Ng, S. M., and Sudderuddin, K. I. (1983). The Effect of Malathion on the Weight, Fecundity and Longevity of *Ischiodon Scutellaris* Fabr. (Diptera: Syrphidae). *PERTANIKA*. Vol. 6, no. 1, pp. 22-27. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tetreault, G. E., Zayed AE-BB, Hanafi, H. A., Beavers, G. M., Tetreault, G. E., Beavers, G. M. , Zayed AE-BB, and Zeichner, B. C. (2001). Susceptibility of Sand Flies to Selected Insecticides in North Africa and the Middle East. *Journal of the American Mosquito Control Association [J. Am. Mosq. Control Assoc.]*. Vol. 17, no. 1, pp. 23-27. Mar 2001.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tewari, R. K. and Mehrotra, A. K. (1985). Effectiveness of Certain Insecticides Against Defoliating Pests of Sugar Beet Beta-Vulgaris. *Indian j agric sci* 55: 203-206.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tewari, R. K., Srivastava, A. S., Mathur, Y. K., and Upadhyaya, K. D. (1990). Bioassay of Different Insecticides and Pyrethroids Against the Adults of Sugarcane Leafhopper Pyrilla Perpusilla Walker. *Indian j entomol* 52: 358-363.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thakur, A. K. and Sankhyan, S. K. (1994). Persistent Toxicity of Some Organophosphorus Insecticides Against Storage Insect Pests on Wheat. *Indian journal of plant protection* 22: 86-90.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thakur, B. S., Verma, R., Patitunda, A., and Rawat, R. R. (1984). Chemical Control of Aphid Aphis-Craccivora Koch. On Lentil. *Indian j entomol*; 46 (1). 1984 (recd. 1987). 103-105.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thakur, J. R. and Thakur, R. K. (1994). Evaluation of Insecticides Against Olive Bug, Eteoneus Sigilatus in Himachal Pradesh. *Indian journal of plant protection* 22: 50-53.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thatheyus, A. J., Selvanayagam, M., Raj, T. P., and Subramanian, P. (1989). Studies on the Food Utilization of the Larvae of Eupterote Molifera Fed With Cythion Treated Ricinus Communis Leaves. *Uttar pradesh j zool* 9: 193-201.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thind, B. B. and Edwards, J. P. (1986). Laboratory Evaluation of the Juvenile Hormone Analogue Fenoxycarb Against Some Insecticide-Susceptible and Resistant Stored Products Beetles. *Journal of Stored Products Research* 22: 235-241.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Thompson, L. S. (1977). Field Tests with Chemical and Biological Insecticides for Control of Thymelicus lineola on Timothy. *J.Econ.Entomol.* 70: 324-326.

EcoReference No.: 54826

Chemical of Concern: MLN,CBL,TCF,MOM,CBF,PMR; Habitat: T; Effect Codes: MOR; Code: TARGET(CBF,MLN,CBL,TCF,MOM,PMR).

Thrasyvoulou, A. T. and Pappas, N. (1988). Contamination of Honey and Wax With Malathion and Coumaphos Used Against the Varroa Mite. *J apic res* 27: 55-61.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tietjen, W. J. and Cady, A. B. (2007). Sublethal Exposure to a Neurotoxic Pesticide Affects Activity Rhythms and Patterns of Four Spider Species. *Journal of Arachnology [J. Arachnol.]*. Vol. 35, no. 2, pp. 396-406. Aug 2007.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tigar, Barbara J. and Pinniger, David B. (1996). A Comparison of the Toxicity of Pirimiphos-Methyl and Malathion to *Typhaea Stercorea* (L.) When Applied to Stored Maize. *Journal of Stored Products Research* 32: 307-313.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tiwari, S. K. and Bhatt, R. S. (1988). Bhc and Malathion Induced Changes in Glycogen Levels in Hemolymph and Fat Body of the Larva of Rice Moth *Corcyra-Cephalonica* Stainton Lepidoptera Pyralidae. *J adv zool* 9: 25-29.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tiwari, S. K. and Bhatt, R. S. (1989). Effect of Bhc and Malathion on the Total Free Amino Acid Level in the Haemolymph and Fat Body of the Larva of Rice Moth *Corcyra Cephalonica* Stainton (Lepidoptera : Pyralide). *Entomon. Vol. 14, no. 1-2, pp. 133-137. 1989.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tiwari, S. K. and Bhatt, R. S. (1993). Hch and Malathion Induced Changes in Reducing Sugar Level in Haemolymph and Fatbody of the Larva of Rice-Moth *Corcyra Cephalonica* Stainton (Lepidoptera: Pyralidae). *J adv zool* 14: 20-24 .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Torell, L. A., Davis, J. H., Huddleston, E. W., and Thompson, D. C. (1989). Economic Injury Levels for Interseasonal Control of Rangeland Insects. *J econ entomol* 82: 1289-1294.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tripathi, A. K., Prajapati, V., Gupta, R., and Kumar, S. (1999). Herbal Material for the Insect - Pest Management in Stored Grains Under Tropical Conditions. *Journal of medicinal and aromatic plant sciences* 21: 408-430.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tripathi, R. K. and O'Brien, R. D. (1973). Effect of Organophosphates in Vivo Upon Acetylcholinesterase Isozymes From Housefly Head and Thorax. *Pesticide Biochemistry and Physiology* 2: 418-424.

Chemical of Concern: MLO; Habitat: FLY; Code: TARGET(MLN).

Trivedi, T. P. and Srivastava, A. S. (1986). Chemical Control of Mango Mealy Bug *Drosicha-Mangiferae* Green. *J soil biol ecol* 6: 109-111.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tufail, N., Saleem, M. A., and Shakoori, A. R. (1994). Biochemical Changes in Sixth Instar Larvae of Pak and Fss-Ii Strains of Red Flour Beetle, *Tribolium Castaneum* (Herbst.) (Coleoptera: Tenebrionidae) Following Administration of Sublethal Doses of a Synthetic Pyrethroid, Bifenthrin. *Pakistan Journal of Zoology*

[PAK. J. ZOOL.]. Vol. 26, no. 3, pp. 197-206. 1994.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tufail, N., Saleem, M. A., Shakoori, A. R., Ahmad, M., and Shakoori, A. R. (eds) (1995). Toxicity of Fluvalinate (Marvik 2ec) in Adult Beetles of a Malathion Resistant and a Susceptible Strain of *Tribolium Castaneum*. *Proceedings of the Pakistan Congress of Zoology [PROC. PAK. CONGRESS ZOOL.]*. Vol. 15, pp. 289-312. 1995.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Turnbull, S. A. and Harris, C. R. (1986). Influence of Posttreatment Temperature on the Contact Toxicity of Ten Organophosphorus and Pyrethroid Insecticides to Onion Maggot Adults (Diptera: Anthomyiidae). *Proceedings of the Entomological Society of Ontario [PROC. ENTOMOL. SOC. ONT.]*. Vol. 117, pp. 41-44. 1986.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tyagi, M. P. and Sharma, V. K. (Chemical Control of Pink Borer *Sesamia-Inferens* Walker Noctuidae Lepidoptera. *Pesticides (bombay)*; 20 (10). 1986 (recd. 1987). 20-21.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Tyler, P. S. and Binns, T. J. (1982). The Influence of Temperature on the Susceptibility to Eight Organophosphorus Insecticides of Susceptible and Resistant Strains of *Tribolium Castaneum*, *Oryzaephilus Surinamensis* and *Sitophilus Granarius*. *Journal of Stored Products Research* 18: 13-19.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Udayagiri, S., Norton, A. P., and Welter, S. C. (2000). Integrating Pesticide Effects with Inundative Biological Control: Interpretation of Pesticide Toxicity Curves for *Anaphes iole* in Strawberries. *Entomol.Exp.Appl.* 95: 87-95.

EcoReference No.: 104676

Chemical of Concern: CBL,Naled,MLN,MOM,Captan,FPP,BFT,PPG,ABM,MYC,THM,SFR,BMY,IPD;
Habitat: T; Effect Codes: MOR; Code: NO COC(DDVP),NO
ENDPOINT(MYC,THM,BMY,IPD,SFR),TARGET(MLN,Naled,MOM,CBL,BFT,FPP,PPG).

Udeaan, A. S. and Narang, D. D. (1993). A Survey of Green Peach Aphid, *Myzus Persicae* (Sulz.) Populations for Resistance to Insecticides in Punjab. *Journal of insect science* 6: 89-91.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Ujvary, I., Matolcsy, G., Belai, I., Szurdoki, F., Bauer, K., Varjas, L., and Kramer, K. J. (1996). Projuvenoids: Synthesis and Biological Evaluation of Sulfenylated, Sulfinylated, and Sulfonylated Carbamates. *Archives of insect biochemistry and physiology* 32: 658-669.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Upadhyay, V. R. and Vyas, H. N. (1986). Comparative Toxicity of Certain Insecticides to Predatory Coccinellids Associated With Sucking Pests of Groundnut in Saurashtra India. *Indian j plant prot* 13: 91-94.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Urbaneja, A., Chueca, P., MontÓ, N, H., Pascual-Ruiz, S., Dembilio, O., Vanaclocha, P., Abad-Moyano, R.,

Pina, T., CastaÑ, and Era, P. (Chemical Alternatives to Malathion for Controlling Ceratitis Capitata (Diptera: Tephritidae), and Their Side Effects on Natural Enemies in Spanish Citrus Orchards. *J Econ Entomol.* 2009, Feb; 102(1):144-51. [*Journal of economic entomology*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Uygun, N., Sengonca, C., Ulusoy, M. R., and Kersting, U. (1994). Toxicity of Some Pesticides to Eretmocerus Debachi (Hymenoptera: Aphelinidae), an Important Parasitoid of Parabemisia Myricae (Homoptera: Aleyrodidae). *Bulletin of entomological research* 84: 119-122.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Vaidya, D. N. and Mehta, P. K. (1993). Efficacy of Field-Weathered Deposits of Insecticides for Control of Gram Podborer, (Helicoverpa Armigera) and Cabbage Semilooper (Plusia Orichalcea) Larvae on Egyptian Clover (Trifolium Alexandrinum). *Indian j agric sci* 63: 306-309.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Valiulis, D. (1985). Grasshoppers Everywhere. *Agrichem age* 29: 22, 24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Varma, G. C., Shenhmar, M., and Brar, K. S. (1988). Studies of the Effect of Insecticides on Trichogramma-Achaeae Nagaraja and Nagarkatti Hymenoptera Trichogrammatidae. *J biol control* 2: 5-8.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Varma, R. V., Mohandas, K., Mathew, G., and Nair, K. Ss (1989). Laboratory Evaluation of Some Insecticides Against Pteroma-Plagiophleps Hampson a Bagworm Pest of Albizia-Falcataria. *Indian j plant prot* 17: 89-90.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Varma, V., Mathew, G., Mohanadas, K., Gnanaharan, R., and Nair, K. Ss (1988). Laboratory Evaluation of Insecticides for the Control of the Bamboo Borers Dinoderus-Minutus and Dinoderus-Ocellaris Coleoptera Bostrychidae. *Mater org (berl)* 23: 281-288.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Vaughn, T. T. and Hoy, C. W. (1993). Control of Onion Thrips on Dry Bulb Onions 1992. *Burditt, a. K. Jr. (Ed.). Insecticide & acaricide tests, vol. 18. Ii+405p. Entomological society of america: lanham, maryland, usa.* 0: 136-137.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Velazquez, A., Andreu, H., Xamena, N., Creus, A., and Marcos, R. (1987). Accumulation of Drastic Mutants in Selection Lines for Resistance to the Insecticides Dichlorvos and Malathion in Drosophila-Melanogaster. *Experientia (basel)* 43: 1122-1123.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Velazquez, A., Creus, A., Xamena, N., and Marcos, R. (1987). Lack of Mutagenicity of the Organophosphorus Insecticide Malathion in Drosophila-Melanogaster. *Environ mutagen* 9: 343-348.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Verma, T. D. (1985). Incidence and Chemical Control of Bark-Eating Caterpillar, *Indarbela quadrinotata* Walker on Plum Trees. *Indian J.Agric.Sci.* 55: 131-132.

EcoReference No.: 118491

Chemical of Concern: PRT,DDT,ES,MLN,AND; Habitat: T; Effect Codes: MOR; Code: NO
ENDPOINT(ES),TARGET(PRT,MLN).

Vijayan, V. A., Revanna, M. A., Vasudeva, K. S., Pushpalatha, N., and Poornima (1993). Comparative Susceptibility of Two Japanese Encephalitis Vectors From Mysore to Six Insecticides. *Indian j med res sect a* 97: 215-217.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Villavaso, E. J. and Smith, D. B. (2001). Dose-Mortality and Rainfastness of Ulv Malathion/Cottonseed Oil Formulations for the Boll Weevil. *Southwestern Entomologist, - (SUPPL.) pp. 24 49-55, 2001.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Vimala, V. and Pushpamma, P. (1990). The Effect of Three Prestorage Treatments on the Viability of Pulses Stored in Different Containers. *Indian j nutr diet* 27: 7-17.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Vinuela, E. and Arroyo, M. (1983). Effect of Nutrition on the Susceptibility of *Ceratitis Capitata* Wied. (Dip.: Tephritidae) Adults to Malathion. Influence of Adult Food, Physiological Stage and Age. *ACTA OECOL., OECOL. APPL. Vol. 4, no. 2, pp. 123-130. 1983.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Visalakshi, A., Naseema Beevi, S., and Nair, C. P. R. (1981). Relative Contact Toxicity of Some Newer Insecticides to Adults of Banana Aphid *Pentalonia nigronervosa* Coq. *Entomon. Vol. 6, no. 2, pp. 109-110. 1981.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wali-Ur-Rahman, M. Ic (1991). Control of Oak Defoliator *Gazalina Chrysolopha* Kollar. *Pak j for* 41: 89-93.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wali-Ur-Rehman (1993). Trial of Insecticides and a Fumigant Against Forest Seed Pests. *Pakistan journal of forestry* 43: 85-90.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Walker, G. P., Richards, C. B., Jones, W. G., and Aitken, D. Cg (1991). Toxicity of Five Insecticides Used to Control California Red Scale (Homoptera: Diaspididae) Against Susceptible Red Scale Strains. *J econ entomol* 84: 17-24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Walker, V. K., Whyard, S., Tittiger, C., Russell, R., and Karotam, J. (Biochemical and Molecular Analysis of Malathion Resistance in *Culex tarsalis* and *Lucilia cuprina*. *Beadle, d. J., Et al. (Ed.). British crop protection council monograph, no. 55. Opportunities for molecular biology in crop production; international symposium, cambridge, england, uk, september 27-29, 1993. X+334p. British crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-68-x.; 0 (0). 1993. 331-332.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wallbank, B. E. and Rose, H. A. (Insecticide Resistance in Some Australian Populations of *Oryzaephilus-Surinamensis* the Sawtoothed Grain Beetle. *4th international conference on stored-product protection, tel aviv, israel, september 21-26, 1986. Phytoparasitica*; 14 (4). 1986 (recd. 1987). 353.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wang, T. C., Lenahan, R. A., Tucker, J. W Jr, and Kadlac, T. (1987). Aerial Spray of Mosquito Adulticides in a Salt Marsh Environment. *Symposium on the effects of contaminants on ecological systems, blacksburg, virginia, usa, november 17-19, 1986. Water sci technol* 19: 113-124.

Chemical of Concern: MLN; Habitat: A; Code: TARGET(MLN).

Ward, C. R., Huddleston, E. W., Ashdown, D., Owens, J. C., and Polk, K. L. (1970). Greenbug Control on Grain Sorghum and the Effects of Tested Insecticides on Other Insects. *J.Econ.Entomol.* 63: 1929-1934.

EcoReference No.: 114828

Chemical of Concern: MLN,MVP,MP,MDT,AZ,DZ,PRN,PPHD,DS,EN,ETN,DEM; Habitat: T; Effect Codes: POP; Code: OK(DS,DZ,AZ,MDT,MP),EFFICACY(MVP,MLN).

Ware, G. W. and Whitacre, G. K. (Similar Effects of X-Irradiation and Piperonyl Butoxide on Toxicity of Malathion and Malaoxon to House Flies. *J econ entomol.* 1970, oct; 63(5):1621-2. [*Journal of economic entomology*]: *J Econ Entomol.*

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Warner, R. L., Barnes, M. M., and Laird, E. F. (1990). Chemical Control of a Carob Moth, *Ectomyelois Ceratoniae* (Lepidoptera: Pyralidae), and Various Nitidulid Beetles (Coleoptera) on Deglet Noor Dates in California (Usa). *J econ entomol* 83: 2357-2361.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Watters, F. L. (1974). Malathion for the Control of *Oryzaephilus Surinamensis* in Stored Oats. *Journal of Stored Products Research* 10: 225-231.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Weathersbee, A. A Iii, Meisch, M. V., Sandoski, C. A., Finch, M. F., Dame, D. A., Olson, J. K. , and Inman, A. (Combination Ground and Aerial Adulticide Applications Against Mosquitoes in an Arkansas Usa Riceland Community. *J am mosq control assoc*; 2 (4). 1986 (recd. 1987). 456-460.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Weaver, J. E. and Smith, B. D. (1996). Allegheny Mound Ant Control With Sevin and Malathion Wv 1994. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 21. Iv+462p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-55-8.* 21: 358.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wei, H., Huang, Y., and Du, J. (2004). Sex Pheromones and Reproductive Behavior of *Spodoptera Litura* (Fabricius) Moths Reared From Larvae Treated With Four Insecticides. *Journal of Chemical Ecology [J. Chem. Ecol.]*. Vol. 30, no. 7, pp. 1457-1466. Jul 2004.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Weinzierl, R. A. and Porter, R. P. (1990). Resistance of Hairy Fungus Beetle (Coleoptera: Mycetophagidae) to Pirimiphos Methyl and Malathion. *J econ entomol* 83: 325-328.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Welling, W., de Vries, A. W., and Voerman, S. (1974). Oxidative Cleavage of a Carboxyester Bond as a Mechanism of Resistance to Malaoxon in Houseflies. *Pesticide Biochemistry and Physiology* 4: 31-43.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Welling, W., de Vries, J. W., Paterson, G. D., and Duffy, M. R. (1983). Toxicodynamics of Malaoxon in House Flies. *Pesticide Biochemistry and Physiology* 20: 360-372.

Chemical of Concern: MLO; Habitat: T; Code: TARGET(MLN).

Whalon, M. E. and Elsner, E. A. (1982). Impact of Insecticides on *Illinoia pepperi* and Its Predators. *J.Econ.Entomol.* 75: 356-358.

EcoReference No.: 113228

Chemical of Concern: MOM,DZ,ACP,MLN,PIM; Habitat: T; Effect Codes: POP; Code: TARGET(DZ,MOM,ACP,MLN,PIM).

White, N. D. G. (1984). Residual Activity of Organophosphorus and Pyrethroid Insectides Applied to Wheat Stored Under Simulated Western Canadian Conditions. *Canadian Entomologist [CAN. ENTOMOL.]*. Vol. 116, no. 10, pp. 1403-1410. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. D. G. and Abramson, D. (1984). Uptake of Malathion From Galvanized-Steel Surfaces by Stored Barley. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 77, no. 2, pp. 289-293. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. D. G. and Bell, R. J. (1994). Effect of Temperature, Food Density and Sub-Lethal Exposure to Malathion on Aging in *Cryptolestes Ferrugineus* (Stephens) (Coleoptera: Cucujidae). *Journal of Stored Products Research* 30: 187-199.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. D. G. and Bell, R. J. (1990). Relative Fitness of a Malathion-Resistant Strain of *Cryptolestes Ferrugineus* (Coleoptera: Cucujidae) When Development and Oviposition Occur in Malathion-Treated and Untreated Wheat Kernels. *Journal of Stored Products Research* 26: 23-37.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. D. G. and Loschiavo, S. R. (1985). Testing for Malathion Resistance in Field-Collected Populations of *Cryptolestes Ferrugineus* (Stephens) and Factors Affecting Reliability of the Tests. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 78, no. 3, pp. 511-515. 1985.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. Dg and Loschiavo, S. R. (1985). Testing for Malathion Resistance in Field-Collected Populations of *Cryptolestes-Ferrugineus* and Factors Affecting Reliability of the Tests. *J econ entomol* 78: 511-515.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

White, N. Dg and Sinha, R. N. (1990). Effects of Sub-Lethal Exposures to Malathion or Chlorpyrifos-Methyl on Offspring Production by Some Stored-Product Beetles. *Can entomol* 122: 1187-1192.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Whyard, S., Russell, R. J., and Walker, V. K. (1994). Insecticide Resistance and Malathion Carboxylesterase in the Sheep Blowfly, *Lucilia Cuprina*. *Biochemical genetics* 32: 9-24.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wilkin, D. R. (1975). The Effects of Mechanical Handling and the Admixture of Acaricides on Mites in Farm-Stored Barley. *Journal of Stored Products Research* 11: 87-95.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wilkins, R. M. and Rajendran, C. (Interaction of Chlordimeform With Malathion in Resistant and Susceptible *Tribolium Castaneum*. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994. Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. Isbn 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).; 0 (0). 1994. 443-448.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wilkins, R. M., Saleem, M. A., and Rajendran, C. (1995). Synergism of Insecticidal Action and Effects on Detoxifying Enzymes in Vivo of Lambda-Cyhalothrin and Malathion by Some Nitrogen Heterocycles in Resistant and Susceptible Strains of *Tribolium Castaneum*. *Pesticide science* 43: 321-331.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Williams, P., Amos, T. G., and Du Guesclin, P. B. (1978). Laboratory Evaluation of Malathion, Chlorpyrifos and Chlorpyrifos-Methyl for Use Against Beetles Infesting Stored Wheat. *Journal of Stored Products Research* 14: 163-168.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wirth, M., Georghiou, G. P., Pasteur, N., and Luna, L. L. (1987). Evolution of Resistance and Change in Relative Density in a *Culex-Tarsalis* Diptera Culicidae Population Under Heavy Insecticidal Control. *J med entomol* 24: 494-497 .

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wood, E. J., de Villar, M. I. P., and Zerba, E. N. (1985). Role of a Microsomal Carboxylesterase in Reducing the Action of Malathion in Eggs of *Triatoma Infestans*. *Pesticide Biochemistry and Physiology* 23: 24-32.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wood, R. J. (1990). Laboratory Studies on Insecticide Resistance Alcohol Tolerance and Sex Ratio Distortion by Meiotic Drive in the Mediterranean Fruit Fly *Ceratitis-Capitata* Wied. *Iaea (international atomic energy agency). Panel proceedings series: genetic sexing of the mediterranean fruit fly* Final research co-ordination meeting of nuclear techniques in food and agriculture, colymbari, crete, greece, september 3-7, 1988. Viii+224p. Unipub: lanham, maryland, usa. Illus. Paper. Isbn 92-0-111190-8.; 0: 173-188.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wool, D., Brower, J. H., and Kamin-Belsky, N. (1987). The Relative Importance of Factors Affecting the Size of Laboratory Populations of the Almond Moth *Ephestia-Cautella* Walker (Lepidoptera Pyralidae). *J appl entomol* 104: 217-227.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wool, D. and Kamin-Belsky, N. (1983). Age-Dependent Resistance to Malathion in Adult Almond Moths, *Ephestia Cautella* (Walker). *Z. ANGEW. ENTOMOL.* Vol. 96, no. 4, pp. 386-391. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wool, D. and Kamin-Belsky, N. (1984). Effects of Diet and Larval Density on Adult Sensitivity to Malathion and on Ecological Parameters in *Ephestia Cautella* (Walker) (Lepidoptera, Phycitidae). *Z. ANGEW. ENTOMOL.* Vol. 98, no. 1, pp. 58-62. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wu, H., Yang, M., Guo, Y., Xie, Z., and Ma, E. (Comparisons of Malathion Susceptibility, Target Sensitivity, and Detoxification Enzyme Activity in Nine Field Populations of *Oxya Chinensis* (Orthoptera: Acrididae). *J econ entomol.* 2007, aug; 100(4):1409-15. [*Journal of economic entomology*]: *J Econ Entomol.*

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Wu, S. Y., Takeya, R., Eto, M., and Tomizawa, C. (1987). Insecticidal Activity of Optically Active 1 3 2 Oxazaphospholidine 2-Sulfides and 1 3 2 Benzodioxaphosphorin 2-Sulfides. *J pestic sci* 12: 221-228.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Xamena, N., Velazquez, A., Batiste-Alentorn, M., Creus, A., and Marcos, R. (1988). Genotoxicity Studies With Four Organophosphorus Insecticides Using the Unstable White-Zeste System of *Drosophila Melanogaster*. *Mutation Research/Genetic Toxicology* 204: 251-256.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Xue, R. D. (Toxicity of Permethrin-, Malathion-, and Fipronil-Treated Plant Foliage to *Aedes Albopictus* and *Aedes Aegypti*. *J Am Mosq Control Assoc.* 2008, Mar; 24(1):169-71. [*Journal of the American Mosquito Control Association*].

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yadav, P. R., Yadav, L. S., and Dashad, S. S. (1988). Comparative Efficacy of Some Insecticides Against the Aphid, *Lipaphis Erysimi* Kalt. On Cabbage Crop. *Indian j entomol* 50: 61-68.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yadav, T. D., Pawar, C. S., Khanna, S. C., and Singh, S. (1980). Toxicity of Organophosphorus Insecticides Against Stored Product Beetles. *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 42, no. 1, pp. 28-33. 1980.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yadav, T. D., Singh, S., Khanna, S. C., and Pawar, C. S. (1983). Toxicity of Dusts of Organophosphorus Insecticides Against Stored Product Beetles. *Indian Journal of Entomology [INDIAN J. ENTOMOL.]*. Vol. 45, no. 3, pp. 247-252. 1983.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yang, M. L., Wu, H. H., Guo, Y. P., and Ma, E. B. (2006). Toxicological and Biochemical Characterizations of Malathion Sensitivity in Two Field Populations of *Oxya Chinensis* (Orthoptera: Acridoidea). *Insect Science [Insect Sci.]*. Vol. 13, no. 1, pp. 41-47. Feb 2006.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yap, H. H., Khoo, T. C., Tan, H. T., Chung, K. K., Yahaya, A. M., and Narayanan, V. S. (1988). Comparative Adulticidal and Larvicidal Effects of Thermal Fogging Formulations of Resigen and Malathion Against *Aedes Aegypti* (Linnaeus) and *Culex Quinquefasciatus* (Say) in Urban Areas, Malaysia. *Trop biomed* 5: 125-130.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yawetz, A. and Koren, B. (1984). Purification and Properties of the Mediterranean Fruit Fly *Ceratitis Capitata* W. Glutathione S-Transferase. *Insect Biochemistry* 14: 663-670.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yeoh, C. L., Kuwano, E., and Eto, M. (1982). Effects of the Fungicide Ibp as a Synergist on the Metabolism of Malathion in Insects. *J. PESTIC. SCI., JAP.* Vol. 7, no. 1, pp. 31-40. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yeoh, C. L., Kuwano, E., and Eto, M. (1981). Studies on the Mechanisms of Organophosphate Resistance in Oriental Houseflies, *Musca Domestica* Vicina Macquart. (Diptera: Muscidae). *Applied Entomology and Zoology [APPL. ENTOMOL. ZOOL.]*. Vol. 16, no. 3, pp. 247-257. 1981.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yoshikawa, H., Shono, T., and Eto, M. (1986). Synthesis and Insecticidal Activity of Methylphosphonothiolates. *J pestic sci* 11: 15-20.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yoshizawa, O. (1996). Eradication Programs of Fruit Flies in Japan. *Agrochemicals japan* 0: 2-8.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Yu, S. J. and Nguyen, S. N. (1992). Detection and Biochemical Characterization of Insecticide Resistance in the Diamondback Moth. *Pesticide Biochemistry and Physiology* 44: 74-81.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zahavi, Miriam and Tahori, A. S. (1970). Sensitivity of Acetylcholinesterase in Spider Mites to Organo-Phosphorus Compounds. *Biochemical Pharmacology* 19: 219-225.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zaki, F. N., Farag, N. A., and Abdel-Aziz Shadia E (1999). Evaluation of Tolerance in *Chrysoperla Carnea* Steph. (Neuropt. Chrysopidae) to Successive Insecticidal Treatments. *Journal of applied entomology* 123: 299-301.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zanuncio, J. C., Batalha, V. C., Guedes, R. Nc, and Picanco, M. C. (1998). Insecticide Selectivity to Supputius Cincticeps (Stal) (Het., Pentatomidae) and Its Prey Spodoptera Frugiperda (J. E. Smith) (Lep., Noctuidae). *Journal of applied entomology* 122: 457-460.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zapata, N., Budia, F., Vinuela, E., and Medina, P. (2006). Laboratory Evaluation of Natural Pyrethrins, Pymetrozine and Triflumuron as Alternatives to Control Ceratitis Capitata Adults. *Phytoparasitica [Phytoparasitica]*. Vol. 34, no. 4, pp. 420-427. 2006.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zayed, Salah M. A. D., Fakhr, I. M. I., and Bahig, M. R. E. (1973). Metabolism of Organophosphorus Insecticides-Xii : Degradation of 32p-Malathion in the Adult Larva of the Cotton Leaf Worm. *Biochemical Pharmacology* 22: 285-292.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zdarek, J. and Fraenkel, G. (1987). Pupariation in Flies a Tool for Monitoring Effects of Drugs Venoms and Other Neurotoxic Compounds. *Arch insect biochem physiol* 4: 29-46.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. (1982). Insecticide Resistance in Selected Stored-Product Insects Infesting Peanuts in the Southeastern United States. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 75, no. 2, pp. 359-362. 1982.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. (1975). Malathion Resistance in Strains of Tribolium Castaneum Collected From Rice in the U.s.a. *Journal of Stored Products Research* 11: 115-117.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. (1991). Pesticide Resistance in Tribolium Castaneum and T. Confusum (Coleoptera: Tenebrionidae) From Flour Mills in the United States. *Journal of Economic Entomology [J. ECON. ENTOMOL.]*. Vol. 84, no. 3, pp. 763-767. 1991.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. (1991). Pesticide Resistance in Tribolium Castaneum and Tribolium Confusum (Coleoptera: Tenebrionidae) From Flour Mills in the Usa. *J econ entomol* 84: 763-767.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. and Arthur, F. H. (1997). Dose-Response Tests on Red Flour Beetle and Confused Flour Beetle (Coleoptera: Tenebrionidae) Collected From Flour Mills in the United States. *Journal of economic entomology* 90: 1156-1162.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. and Cuperus, G. W. (1990). Pesticide Resistance in Tribolium Castaneum (Coleoptera: Tenebrionidae) and Rhyzopertha Dominica (Coleoptera: Bostrichidae) in Wheat. *J econ entomol* 83: 1677-1681.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zettler, J. L. and McDonald, L. L. (1984). Toxicity of Permethrin and Fenitrothion to Six Species of Stored-Product Insects. *Journal of Agricultural Entomology [J. AGRIC. ENTOMOL.]*. Vol. 1, no. 3, pp. 231-235. 1984.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).

Zhu, Yu Cheng, Snodgrass, Gordon L., and Chen, Ming Shun (2007). Comparative Study on Glutathione S-Transferase Activity, Cdna, and Gene Expression Between Malathion Susceptible and Resistant Strains of the Tarnished Plant Bug, *Lygus Lineolaris*. *Pesticide Biochemistry and Physiology* 87: 62-72.

Chemical of Concern: MLN; Habitat: T; Code: TARGET(MLN).