

ALDICARB UPDATES (OCT 2004 - DEC 2006)
Papers that Were Excluded from ECOTOX

- Ahmed, Y. M. (1991). Kinetic Study on Inhibition of Earthworm Acetylcholinesterase by Carbamate Insecticides. *J.Egypt Soc.Parasitol.* 21: 283-292.
Chem Codes: Chemical of Concern: MOM,ADC,CBF Rejection Code: IN VITRO.
- Alder, Lutz, Luederitz, Sonja, Lindtner, Karen, and Stan, Hans-Juergen (2004). The ECHO technique - the more effective way of data evaluation in liquid chromatography-tandem mass spectrometry analysis. *Journal of Chromatography, A* 1058: 67-79.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Alho, C. J. R. and Vieira, L. M. (1997). Fish and Wildlife Resources in the Pantanal Wetlands of Brazil and Potential Disturbances from the Release of Environmental Contaminants. *Environ.Toxicol.Chem.* 16: 71-74.
Chem Codes: Chemical of Concern: CYP,MP,DDT,AND,Hg,PQT,MOM,HCCH,HPT,ES,DCF,DDVP,CBF,CHD,ADC Rejection Code: REFS CHECKED/REVIEW.
- Ali, M. S. (1989). Determination of N-Methylcarbamate Pesticides in Liver by Liquid Chromatography. *J.Assoc.Off.Anal.Chem.* 72: 586-592.
Chem Codes: Chemical of Concern: MOM,ADC,CBF,CBL,MCB Rejection Code: IN VITRO.
- Ali, S. M., Ilyas, R., and Mokashi, N. V. (1985). Oxygen Consumption of Fish Channa gachua Hamilton After Exposure to Dimecron and Aldicarb. *C.A.Sel.-Environ.Pollut.* 19:105-92707Y (1986) / *Geobios (Jodhpur)* 12: 107-111.
Chem Codes: EcoReference No.: 496
Chemical of Concern: ADC
- Alikhanidi, Sokratis and Takahashi, Yoshimasa (2004). Pesticide persistence in the environment - collected data and structure-based analysis. *Journal of Computer Chemistry, Japan* 3: 59-70.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Ambrus, A., Fuezesi, I., Susan, M., Dobi, D., Lantos, J., Zakar, F., Korsos, I., Olah, J., Beke, B. B., and Katavics, L (2005). A cost-effective screening method for pesticide residue analysis in fruits, vegetables, and cereal grains. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes* B40: 297-339.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.
- Ambrus, Arpad and Soboleva, Eugenia (2004). Contribution of sampling to the variability of pesticide residue data. *Journal of AOAC International* 87: 1368-1379.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Angst, Max, Kerber, Elmar, and Morcos, Adel (20051222). Method of reducing nematode damage to plant propagation material. (*Syngenta Participations A.-G., Switz.*) 34 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Arduini, Fabiana, Ricci, Francesco, Tuta, Catalin S., Moscone, Danila, Amine, Aziz, and Palleschi, Giuseppe (Detection of carbamic and organophosphorous pesticides in water samples using a cholinesterase biosensor based on Prussian Blue-modified screen-printed electrode. *Analytica Chimica Acta* In Press, Corrected Proof.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

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.

Chem Codes: EcoReference No.: 283

Chemical of Concern: CPY,ADC,PRT,DS,HCCH,CBC,HPT,PPX,FNT,MLN,DZ Rejection Code: NON-ENGLISH.

Arraez-Roman, David, Segura-Carretero, Antonio, Cruces-Blanco, Carmen, and Fernandez-Gutierrez, Alberto (2004). Determination of aldicarb, carbofuran and some of their main metabolites in groundwater by application of micellar electrokinetic capillary chromatography with diode-array detection and solid-phase extraction. *Pest Management Science* 60: 675-679.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Ashby, J. and Paton, D. (1995). Chemicals for Evaluating the Sensitivity and Specificity of Reduced/Transgenic Rodent Cancer Bioassay Protocols. *Mutat.Res.* 331: 27-38.

Chem Codes: Chemical of Concern:

PNB,ADC,CBF,DMT,BNZ,VYL,DDT,24DC,HCCH,EN,MXC,DCB,PL,PPB,AMSV,CHD,MP,PRN,AZ,P
PHD,FNTH Rejection Code: REFS CHECKED/REVIEW.

Asrar, Jawed, Bekker, Vladimir O., and Ding, Yiwei (20040617). Protection of seeds treated with pesticides. (*Monsanto Technology LLC, USA*) 54 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Asrar, Jawed, Ding, Yiwei, Bourque, June E., and Sanders, Ernest F (20041111). Treatment of plants and plant propagation materials with an antioxidant and pesticide to improve plant health and/or yield. (*Monsanto Technology, LLC, USA*) 79 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Ayranci, Erol and Hoda, Numan (2005). Adsorption kinetics and isotherms of pesticides onto activated carbon-cloth. *Chemosphere* 60: 1600-1607.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Bagheri, H., Saraji, M., and Barcelo, D (2004). Evaluation of polyaniline as a sorbent for SPE of a variety of polar pesticides from water followed by CD-MEKC-DAD. *Chromatographia* 59: 283-289.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

- Bank, S. and Tyrrell, R. J. (1984). Kinetics and Mechanism of Alkaline and Acidic Hydrolysis of Aldicarb. *J.Agric.Food Chem.* 32: 1223-1232.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA.
- Bassett, Margarita V., Wendelken, Steve C., Pepich, Barry V., and Munch, David J (2003). Improvements to EPA method 531.1 for the analysis of carbamates that resulted in the development of U.S. EPA method 531.2. *Journal of Chromatographic Science* 41: 100-106.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Bauer, Philip J. and Roof, Mitchell E (2004). Nitrogen, aldicarb, and cover crop effects on cotton yield and fiber properties. *Agronomy Journal* 96: 369-376.
Chem Codes: Chemical of Concern: ADC
- Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Field Crops, Forage Crops, and Pastures. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91006, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Chem Codes: Chemical of Concern:
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,PAQT,BMN,
SZ,CPY,DDVP,TDC,BDC Rejection Code: NO TOX DATA .
- Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Fruit and Nut Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91004, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Chem Codes: Chemical of Concern:
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,PAQT,BMN,
SZ,CPY,DDVP,TDC,BDC Rejection Code: NO TOX DATA.
- Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Ornamentals and Turf. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91003, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Chem Codes: Chemical of Concern:
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,PAQT,BMN,
SZ,CPY,DDVP,TDC,BDC Rejection Code: NO TOX DATA.
- Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Vegetable Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91005, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Chem Codes: Chemical of Concern:
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,PAQT,BMN,
SZ,CPY,DDVP,TDC,BDC Rejection Code: NO TOX DATA.
- Bedair, Mohamed and El Rassi, Ziad (2003). Capillary electrochromatography with monolithic stationary phases III. Evaluation of the electrochromatographic retention of neutral and charged solutes on cationic stearyl-acrylate monoliths and the separation of water-soluble proteins and membrane proteins. *Journal of Chromatography, A* 1013: 47-56.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Belmonte Vega, A., Garrido Frenich, A., and Martinez Vidal, J. L (2005). Monitoring of pesticides in agricultural water and soil samples from Andalusia by liquid chromatography coupled to mass spectrometry. *Analytica*

Chimica Acta 538: 117-127.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Benijts, Tom, Dams, Riet, Lambert, Willy, and De Leenheer, Andre (2004). Countering matrix effects in environmental liquid chromatography-electrospray ionization tandem mass spectrometry water analysis for endocrine disrupting chemicals. *Journal of Chromatography, A* 1029: 153-159.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Benijts, Tom, Lambert, Willy, and De Leenheer, Andre (2004). Analysis of Multiple Endocrine Disruptors in Environmental Waters via Wide-Spectrum Solid-Phase Extraction and Dual-Polarity Ionization LC-Ion Trap-MS/MS. *Analytical Chemistry* 76: 704-711.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Berger, Richard Alan and Flexner, John Lindsey (20030327). Pesticidal compositions for coating plant propagation material containing anthranilamides. (*E. I. Du Pont de Nemours & Co., USA*) 147 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Bermudez-Saldana, Jose Maria, Escuder-Gilabert, Laura, Medina-Hernandez, Maria Jose, Villanueva-Camanas, Rosa Maria, and Sagrado, Salvador (2005). Chromatographic evaluation of the toxicity in fish of pesticides. *Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences* 814: 115-125.

Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR, IN VITRO.

Bermudez-Saldana, Jose Maria, Escuder-Gilabert, Laura, Medina-Hernandez, Maria Jose, Villanueva-Camanas, Rosa Maria, and Sagrado, Salvador (2005). Modelling bioconcentration of pesticides in fish using biopartitioning micellar chromatography. *Journal of Chromatography, A* 1063: 153-160.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Bocquene, Gilles and Franco, Alain (2005). Pesticide contamination of the coastline of Martinique. *Marine Pollution Bulletin* 51: 612-619.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Bocquene, Gilles and Franco, Alain (2005). Pesticide contamination of the coastline of Martinique: Coral Reef Ecotoxicology and Health. *Marine Pollution Bulletin* 51: 612-619.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Bogialli, Sara, Curini, Roberta, Di Corcia, Antonio, Lagana, Aldo, Nazzari, Manuela, and Tonci, Michela (2004). Simple and rapid assay for analyzing residues of carbamate insecticides in bovine milk: hot water extraction followed by liquid chromatography-mass spectrometry. *Journal of Chromatography, A* 1054: 351-357.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Bogialli, Sara, Curini, Roberta, Di Corcia, Antonio, Nazzari, Manuela, and Tamburro, Davide (2004). A Simple and Rapid Assay for Analyzing Residues of Carbamate Insecticides in Vegetables and Fruits: Hot Water Extraction Followed by Liquid Chromatography-Mass Spectrometry. *Journal of Agricultural and Food Chemistry* 52 : 665-671.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Bolognesi, Claudia, Landini, Eleonora, Perrone, Emanuela, and Roggieri, Paola (2004). Cytogenetic biomonitoring of a floriculturist population in Italy: micronucleus analysis by fluorescence in situ hybridization (FISH) with an all-chromosome centromeric probe. *Mutation Research* 557: 109-117.

Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Borkovcova, I., Janouskova, E., Rehurkova, I., and Ruprich, J (2004). Determination of n-methylcarbamates in foods. *Central European Journal of Public Health* 12: 220-223.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Broadbent, A. B., Chiba, M., and McGarvey, B. D. (1986). Aldicarb on Greenhouse Chrysanthemums in Ontario: Efficacy for Control of *Liriomyza trifolii* (Burgess) (Diptera agromyzidae) and Residues in Foilage. *Can.Entomol.* 118: 789-795.

Chem Codes: EcoReference No.: 75276

Chemical of Concern: ADC,PPB,PMR Rejection Code: MIXTURE.

Brown, Peter M., Turnbull, Gordon, Charman, Sheonaith, Charlton, Andrew J. A., and Jones, Ainsley (2005). Analytical methods used in the United Kingdom wildlife incident investigation scheme for the detection of animal poisoning by pesticides. *Journal of AOAC International* 88: 204-220 .

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Bull, D. L. (1968). Metabolism of UC-21149 [2-Methyl-2-(Methylthio)Propionaldehyde O-(Methylcarbamoyl)Oxime] in Cotton Plants and Soil in the Field. *J.Econ.Entomol.* 61: 1598-1602.

Chem Codes: Chemical of Concern: ADC Rejection Code: METABOLISM.

Burris, G., Cook, D., Leonard, B. R., Graves, J. B., and Pankey, J. (1996). Temik 15G Evaluated with Selected Fungicides ad Pythium and in Combination, 1995. In: A.K.Burditt,Jr.(Ed.), *Arthropod Management Tests, Volume 21, Entomol.Soc.of Am., Lanham, MD* 21: 242 (ABS).

Chem Codes: Chemical of Concern: ADC,PNB Rejection Code: ABSTRACT.

Byer, David E (2004). Utilizing routine water quality instruments for monitoring distribution system security.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Cadet, P., Berry, S. D., and Spaull, V. W (2003). Maximising trial interpretation by mapping soil heterogeneity. *Proceedings of the Annual Congress - South African Sugar Technologists' Association* 77th: 241-249.

Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Cairns, T., Siegmund, E. G., and Savage, T. S. (1984). Persistence and Metabolism of Aldicarb in Fresh Potatoes. *Bull. Environ. Contam. Toxicol.* 32: 274-281.

Chem Codes: Chemical of Concern: ADC Rejection Code: IN VITRO/METABOLISM.

Caldas, E. D., Boon, P. E., and Tressou, J (2006). Probabilistic assessment of the cumulative acute exposure to organophosphorus and carbamate insecticides in the Brazilian diet. *Toxicology* 222: 132-142.

Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Calvert, Geoffrey M., Barnett, Margot, Mehler, Louise N., Becker, Alan, Das, Rupali, Beckman, John, Male, Dorilee, Sievert, Jennifer, Thomsen, Catherine, and Morrissey, Barbara (2006). Acute pesticide-related illness among emergency responders, 1993-2002. *American Journal of Industrial Medicine* 49: 383-393.

Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Carabias-Martinez, Rita, Garcia-Hermida, Cesar, Rodriguez-Gonzalo, Encarnacion, and Ruano-Miguel, Luis (2005). Behaviour of carbamate pesticides in gas chromatography and their determination with solid-phase extraction and solid-phase microextraction as preconcentration steps. *Journal of Separation Science* 28: 2130-2138.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Carlo, Louis and Baker, Paul (2004). Cotton pesticide use data based on Arizona's ADA 1080 forms for 2002. *Proceedings - Beltwide Cotton Conferences* 1959-1966.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Casson, Leonard, States, Stanley, Kuchta, John, Newberry, Jessica, and Wichterman, Jennifer (2004). Detection limits for security-based rapid analytical techniques. *Proceedings - Annual Conference, American Water Works Association* tue10.4/1-tue10.4/18.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Chang, Ju-Mei, Chen, Tay-Hwa, and Fang, Tony J (2005). Pesticide residue monitoring in marketed fresh vegetables and fruits in Central taiwan (1999-2004) and an introduction to the HACCP system. *Yaowu Shipin Fenxi* 13: 368-376 .

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Chang, Ping-An, Wu, Yi-Jun, Li, Wei, and Leng, Xin-Fu (2006). Effect of carbamate esters on neurite outgrowth in differentiating human SK-N-SH neuroblastoma cells. *Chemico-Biological Interactions* 159: 65-72.

Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Chen, Chi-Yu R (20060727). Fertilizer-compatible fluid thixotropic pesticide composition. (USA) 24 pp., Cont.-in-part of U.S. Ser. No. 41,167.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Chen, Chi-Yu R (20060727). Fertilizer-compatible fluid thixotropic pesticide compositions. (*Bayer Cropscience LP, USA*) 72 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Chen, X. and Sun, A. (1986). Toxicity Test of Aldicarb on *Garassius anralus* L. *C.A.Sel.-Environ.Pollut.* 25:105-204415K / *Huanjing Kexue* 7: 26-28 (CHI).

Chem Codes: EcoReference No.: 12840

Chemical of Concern: ADC Rejection Code: ABSTRACT/NON-ENGLISH.

Chiou, Cary T., Schmedding, David W., and Manes, Milton (2005). Improved Prediction of Octanol-Water Partition Coefficients from Liquid-Solute Water Solubilities and Molar Volumes. *Environmental Science and Technology* 39: 8840-8846.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Christensen, H. B., Poulsen, M. E., and Pedersen, M (2003). Estimation of the uncertainty in a multiresidue method for the determination of pesticide residues in fruit and vegetables. *Food Additives & Contaminants* 20: 764-775.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Christin, M. S., Menard, L., Gendron, A. D., Ruby, S., Cyr, D., Marcogliese, D. J., Rollins-Smith, L., and Fournier, M. (2004). Effects of Agricultural Pesticides on the Immune System of *Xenopus laevis* and *Rana pipiens*. *Aquat.Toxicol.* 67: 33-43.

Chem Codes: EcoReference No.: 72734

Chemical of Concern: MBZ,ATZ,ES,HCCH,DLD,ADC

Ciucu, Anton A., Negulescu, Carmela, and Baldwin, Richard P (2003). Detection of pesticides using an amperometric biosensor based on ferrophthalocyanine chemically modified carbon paste electrode and immobilized bienzymatic system. *Biosensors & Bioelectronics* 18: 303-310.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Clements, R. O. and Bentley, B. R. (1983). The Effect of Three Pesticide Treatments on the Establishment of White Clover (*Trifolium repens*) Sown with a Slot-Seeder. *Crop.Prot.* 2: 375-378.

Chem Codes: EcoReference No.: 32269

Chemical of Concern: CBD,MLX,CPY,ADC,MCB

Colborn, T., Vom Saal, F. S., and Soto, A. M. (1993). Developmental Effects of Endocrine-Disrupting Chemicals in Wildlife and Humans. *Environ.Health Perspect.* 101: 378-384.

Chem Codes: EcoReference No.: 59204

Chemical of Concern: MOM,CBF,ADC Rejection Code: REFS CHECKED/REVIEW.

Colyer, P. D., Micinski, S., and Nguyen, K. T. (1991). Effect of Planting Date on the Efficacy of an In-Furrow Pesticide and the Development of Cotton Seedling Disease. *Plant Dis.* 75: 739-742.

Chem Codes: Chemical of Concern: ADC Rejection Code: MIXTURE.

DePass, L. R., Weaver, E. V., and Mirro, E. J. (1985). Aldicarb Sulfoxide/Aldicarb Sulfone Mixture in Drinking Water of Rats: Effects on Growth and Acetylcholinesterase Activity. *J.Toxicol.Environ.Health* 16: 163-172.

Chem Codes: Chemical of Concern: ADC Rejection Code: MIXTURE.

Desaint, S., Arrault, S., Siblot, S., and Fournier, J.-C (2003). Genetic transfer of the mcd gene in soil. *Journal of Applied Microbiology* 95: 102-108.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Devillers, J., Decourtye, A., Budzinski, H., Pham-Delegue, M. H., Cluzeau, S., and Maurin, G (2003). Comparative toxicity and hazards of pesticides to Apis and non-Apis bees. A chemometrical study. *SAR and QSAR in Environmental Research* 14: 389-403.

Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Dittrich, V., Uk, S., and Ernst, G. H. (1990). Chemical Control and Insecticide Resistance of Whiteflies. In: *D.Gerling (Ed.), Whiteflies: Their Bionomics, Pest Status and Management, Intercept Ltd., Andover, England* 263-286.

Chem Codes: EcoReference No.: 70087

Chemical of Concern: RSM,MOM,CBF,ADC,DMT,CYP,RTN,DBAC Rejection Code: REFS
CHECKED/REVIEW.

Dourson, M. L., Knauf, L. A., and Swartout, J. C. (1992). On Reference Dose (RfD) and Its Underlying Toxicity Data Base. *Toxicol.Ind.Health* 8: 171-189.

Chem Codes: EcoReference No.: 70546

Chemical of Concern: EDT,MTL,MOM,ADC,CBF,SXD,FVL,DOD Rejection Code: METHODS.

Environmental Protection Agency (2004). Aldicarb, atrazine, cacodylic acid, carbofuran, et al.; tolerance actions. *Federal Register* 69: 6561-6567.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Famigliini, Giorgio, Palma, Pierangela, Siviero, Antonella, Rezai, Mehdi Attaran, and Cappiello, Achille (2005). Determination of Endocrine Disrupting Compounds in Marine Water by Nanoliquid Chromatography/Direct-Electron Ionization Mass Spectrometry. *Analytical Chemistry* 77: 7654-7661.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Farage-Elawar, M. and Rowles, T. K. (1992). Toxicology of Carbaryl and Aldicarb on Brain and Limb Cultures of Chick Embryos. *J.Appl.Toxicol.* 12: 239-244.

Chem Codes: Chemical of Concern: CBL,ADC Rejection Code: IN VITRO.

Fialkov, Alexander B. and Amirav, Aviv (2003). Cluster chemical ionization for improved confidence level in sample identification by gas chromatography/mass spectrometry. *Rapid Communications in Mass Spectrometry* 17: 1326-1338.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Fialkov, Alexander B., Gordin, Alexander, and Amirav, Aviv (2003). Extending the range of compounds amenable

for gas chromatography-mass spectrometric analysis. *Journal of Chromatography, A* 991: 217-240.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Fialkov, Alexander B., Steiner, Urs, Jones, Larry, and Amirav, Aviv (2006). A new type of GC-MS with advanced capabilities. *International Journal of Mass Spectrometry* 251: 47-58.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Fournier, J. C., Froncek, B., Gamouh, A., and Collu, T. (1992). Comparison of Three Methods to Test the Side Effects of Pesticides on Soil Microbial Biomass. In: J.P.Anderson, et al.(Eds.), *Proc.Int.Symp.on Environmental Aspects of Pesticide Microbiology, Symp., Aug.17-21, 1992, Sigtuna, Sweden, Dep.Microbiol.Swed.Univ.of Agric.Sci., Uppsala, Sweden* 18-23.

Chem Codes: Chemical of Concern: MCB,ADC Rejection Code: BACTERIA.

Fytianos, Konstantinos, Pitarakis, Konstantinos, and Bobola, Evangelia (2006). Monitoring of N-methylcarbamate pesticides in the Pinios River (central Greece) by HPLC. *International Journal of Environmental Analytical Chemistry* 86: 131-145.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Gahukar, R. T. and Kishore, P. (1995). Innovative Strategy Involving Judicious Pesticide Management to Control Pests of Sorghum in India. *J.Entomol.Res.(New Delhi)* 19: 301-312.

Chem Codes: EcoReference No.: 63040

Chemical of Concern: ADC,CBF,DMT,CYP Rejection Code: REVIEW.

Garrett, N. E., Stack, H. F., and Waters, M. D. (1986). Evaluation of the Genetic Activity Profiles of 65 Pesticides. *Mutat.Res.* 168: 301-325.

Chem Codes: Chemical of Concern:

SZ,PNB,RSM,MOM,CBF,ADC,DCNA,24DXY,CYP,DMB,ATN,AZ,BMC,CMY,Captan,DS,DZ,EN,ETN ,FNF,FNTH,Folpet,Maneb,MLN,MXC,MP,MZB,PCP,PMR,PPN,PRN,PRT,RTN,SID,SMT,TCF,TFN,TR L,Zineb,DCB Rejection Code: REFS CHECKED/REVIEW.

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: EcoReference No.: 36745

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 Rejection Code: REFS CHECKED/REVIEW.

Gebhardt, W., Genin, E., Ghosh, D., Churchill, M., Klein, J., and Alder, L (2006). Detection of 88 pesticides on the Finnigan TSQ quantum discovery using a novel LC-MS/MS method. 324-327.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Gendron, A. D., Marcogliese, D. J., Barbeau, S., Christin, M.-S., Brousseau, P., Ruby, S., Cyr, D., and Fournier, M. (2003). Exposure of Leopard Frogs to a Pesticide Mixture Affects Life History Characteristics of the Lungworm *Rhabdias ranae*. *Oecologia* 135: 469-476.

Chem Codes: Chemical of Concern: ATZ,HCCH,MBZ,ADC,ES,DLD Rejection Code: MIXTURE.

- Gill, T. S., Pande, J., and Tewari, H. (1991). Individual and Combined Toxicity of Common Pesticides to Teleost *Puntius conchonus* Hamilton. *Indian J.Exp.Biol.* 29: 145-148.
Chem Codes: EcoReference No.: 7230
Chemical of Concern: ADC,PPHD,ES
- Gimeno, Miguel and Gimeno, Barbara (20030626). Microencapsulated insecticide and ectoparasiticide delivery system. (*Mars Incorporated, USA*) 26 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Gonzalez-Diaz, Humberto, Cruz-Monteagudo, Maykel, Vina, Dolores, Santana, Lourdes, Uriarte, Eugenio, and De Clercq, Erik (2005). QSAR for anti-RNA-virus activity, synthesis, and assay of anti-RSV carbonucleosides given a unified representation of spectral moments, quadratic, and topologic indices. *Bioorganic & Medicinal Chemistry Letters* 15: 1651-1657.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- Goto, Tomomi, Ito, Yuko, Oka, Hisao, Saito, Isao, Matsumoto, Hiroshi, and Nakazawa, Hiroyuki (2003). Simple and rapid determination of N-methylcarbamate pesticides in citrus fruits by electrospray ionization tandem mass spectrometry. *Analytica Chimica Acta* 487: 201-209.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Goto, Tomomi, Ito, Yuko, Oka, Hisao, Saito, Isao, Matsumoto, Hiroshi, Sugiyama, Hideo, Ohkubo, Chiyoji, Nakazawa, Hiroyuki, and Nagase, Hisamitsu (2005). The high throughput analysis of N-methyl carbamate pesticides in wine and juice by electrospray ionization liquid chromatography tandem mass spectrometry with direct sample injection into a short column. *Analytica Chimica Acta* 531: 79-86.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Goto, Tomomi, Ito, Yuko, Yamada, Sadaji, Matsumoto, Hiroshi, Oka, Hisao, and Nagase, Hisamitsu (2006). The high throughput analysis of N-methyl carbamate pesticides in fruits and vegetables by liquid chromatography electrospray ionization tandem mass spectrometry using a short column. *Analytica Chimica Acta* 555: 225-232.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Gramatica, Paola, Papa, Ester, and Francesca, Battaini (2004). Ranking and classification of non-ionic organic pesticides for environmental distribution: a QSAR approach. *International Journal of Environmental Analytical Chemistry* 84: 65-74.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- Granby, Kit, Andersen, Jens Hinge, and Christensen, Hanne Bjerre (2004). Analysis of pesticides in fruit, vegetables and cereals using methanolic extraction and detection by liquid chromatography-tandem mass spectrometry. *Analytica Chimica Acta* 520: 165-176.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Granot, Ori and Amirav, Aviv (2005). LC-MS with electron ionization of cold molecules in supersonic molecular beams. *International Journal of Mass Spectrometry* 244: 15-28.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Grisoni, Karine, Gieseler, Kathrin, Mariol, Marie-Christine, Martin, Edwige, Carre-Pierrat, Maite, Moulder, Gary, Barstead, Robert, and Segalat, Laurent (2003). The stn-1 Syntrophin Gene of *C. elegans* is Functionally Related to Dystrophin and Dystrobrevin. *Journal of Molecular Biology* 332: 1037-1046.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Hague, N. G. M. and Gowen, S. R. (1987). Chemical Control of Nematodes. In: *R.H.Brown and B.R.Kerry (Eds.), Principles and Practice of Nematode Control in Crops, Chapter 5, Acad.Press Inc., San Diego, CA* 131-178.

Chem Codes: EcoReference No.: 77692

Chemical of Concern: CLP,ADC,OML,CBF,MB,DPDP,DZM,FMP,TBO,IZF Rejection Code: REVIEW.

Hamers, Timo, van den Brink, Paul J., Mos, Lizzy, van der Linden, Sander C., Legler, Juliette, Koeman, Jan H., and Murk, Albertinka J (2003). Estrogenic and esterase-inhibiting potency in rainwater in relation to pesticide concentrations, sampling season and location. *Environmental Pollution (Oxford, United Kingdom)* 123: 47-65.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO SPECIES.

Haylock, L. A., Garner, B. H., and Dewar, A. M (2005). Compatibility of neonicotinoid seed treatments with carbamate granules in sugar beet. 2: 843-848.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Hazelton Laboratories America Inc. (1985). 13-Week Toxicity Study in Rats Methyltioisobutyraldoxime (ADC). *EPA/OTS Doc.#FYI-OTS-0885-0443*.

Chem Codes: EcoReference No.: 75223

Chemical of Concern: ADC

Hernandez, F., Pozo, O. J., Sancho, J. V., Bijlsma, L., Barreda, M., and Pitarch, E (2006). Multiresidue liquid chromatography tandem mass spectrometry determination of 52 non gas chromatography-amenable pesticides and metabolites in different food commodities. *Journal of Chromatography, A* 1109: 242-252.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Hetheron, Christel L., Sykes, Mark D., Fussell, Richard J., and Goodall, David M (2004). A multi-residue screening method for the determination of 73 pesticides and metabolites in fruit and vegetables using high-performance liquid chromatography/tandem mass spectrometry. *Rapid Communications in Mass Spectrometry* 18: 2443-2450.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Hoffmann, Michael P., Gardner, Jeffrey, and Curtis, Paul D (20031023). Fiber-supported pesticidal compositions. (USA) 41 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Hughes, Kenneth Andrew, Lahm, George Philip, Selby, Thomas Paul, and Stevenson, Thomas Martin (20040812). Preparation of cyano anthranilamide insecticides. (*E.I. Du Pont De Nemours and Company, USA*) 63 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Huijbregts, Mark A. J., Rombouts, Linda J. A., Ragas, Ad M. J., and van de Meent, Dik (2005). Human toxicological effect and damage factors of carcinogenic and noncarcinogenic chemicals for life cycle impact assessment. *Integrated Environmental Assessment and Management* 1: 181-244.
Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Huuskonen, Jarmo (2003). Prediction of Soil Sorption Coefficient of a Diverse Set of Organic Chemicals From Molecular Structure . *Journal of Chemical Information and Computer Sciences* 43: 1457-1462.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Huuskonen, Jarmo (2003). Prediction of .soil sorption coefficient of organic pesticides from the atom-type electrotopological state indices. *Environmental Toxicology and Chemistry* 22: 816-820.
Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Hyoetylaeinen, T., Luethje, K., Rautiainen-Raemae, M., and Riekkola, M.-L (2004). Determination of pesticides in red wines with on-line coupled microporous membrane liquid-liquid extraction-gas chromatography. *Journal of Chromatography, A* 1056: 267-271.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Ian Malcolm, Shirley, Wright, Tanya, Perrin, Bob, Mulqueen, Patrick, Waller, Anne, and Pierce, Andy (20060831). Capsule formulation containing pesticide and photoprotectant. (*Syngenta Participations AG, Switz.;* *Syngenta Limited*) 38pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Iko, William M., Archuleta, Andrew S., and Knopf, Fritz L (2003). Plasma cholinesterase levels of mountain plovers (*Charadrius montanus*) wintering in central California, USA. *Environmental Toxicology and Chemistry* 22: 119-125.
Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Ivanov, A. N., Evtugyn, G. A., Lukachova, Lilia V., Karyakina, Elena E., Budnikov, H. C., Kiseleva, S. G., Orlov, A. V., Karpacheva, G. P., and Karyakin, Arkady A (2003). New polyaniline-based potentiometric biosensor for pesticides detection. *IEEE Sensors Journal* 3: 333-340.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Jackson, Scott, Hendley, Paul, Jones, Russell, Poletika, Nick, and Russell, Mark (2005). Comparison of Regulatory Method Estimated Drinking Water Exposure Concentrations with Monitoring Results from Surface Drinking Water Supplies. *Journal of Agricultural and Food Chemistry* 53: 8840-8847.
Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Jansson, Christer, Pihlstrom, Tuija, Osterdahl, Bengt-Goran, and Markides, Karin E (2004). A new multi-residue method for analysis of pesticide residues in fruit and vegetables using liquid chromatography with tandem mass spectrometric detection. *Journal of Chromatography, A* 1023: 93-104.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Johnson, N. C. and Pfleger, F. L. (1992). Vesicular-Arbuscular Mycorrhizae and Cultural Stresses. In: *G.J.Bethlenfalvay and R.G.Linderman (Eds.), ASA (Am.Soc.of Agron.), Spec.Publ.No.54, Oct.31, 1991, Denver, CO, Am.Soc.of Agron.Inc., Crop Sci.Soc.of Am.Inc., Soil Sci.Soc.of Am.Inc., Madison, WI* 71-99.
Chem Codes: EcoReference No.: 70839
Chemical of Concern: SZ,PNB,CBL,DZ,PRN,CBF,ADC,DCNA,PHMD Rejection Code: REFS
CHECKED/REVIEW.

Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.
Chem Codes: 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,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,DEM,DI
NO,DLD,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

Jones, Russell L (2005). Comparison of Regulatory Estimates of Drinking Water Concentrations with Monitoring Data. *Journal of Agricultural and Food Chemistry* 53 : 8835-8839.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Jung, Joohee, Ishida, Kunie, and Nishihara, Tsutomu (2004). Anti-estrogenic activity of fifty chemicals evaluated by in vitro assays. *Life Sciences* 74: 3065-3074.
Chem Codes : Chemical of Concern: ADC Rejection Code: IN VITRO.

Kanayama, Tomohiko, Kobayashi, Naoki, Mamiya, Satoru, Nakanishi, Tsuyoshi, and Nishikawa, Jun-ichi (2005). Organotin compounds promote adipocyte differentiation as agonists of the peroxisome proliferator-activated receptor α /retinoid X receptor pathway. *Molecular Pharmacology* 67: 766-774.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Kerr, L. A., Pringle, J. K., Rohrbach, B. W., Edwards, W. C., and Offutt, J. E. (1991). Aldicarb Toxicosis in a Dairy Herd. *J.Am.Vet.Med.Assoc.* 198: 1636-1639.
Chem Codes: Chemical of Concern: ADC Rejection Code: INCIDENT/NO CONC.

Kim, Tae Hyo, Park, Won Chul, Park, Jung Hag, Chung, Taeowan, and Lee, Yong Tae (2003). Class-specific

determination of carbamate pesticides by gas chromatography. *Bulletin of the Korean Chemical Society* 24: 11-12.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Kirkland, David, Aardema, Marilyn, Henderson, Leigh, and Mueller, Lutz (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. *Mutation Research* 584: 1-256.

Chem Codes: Chemical of Concern: ADC Rejection Code: IN VITRO.

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,MOM,ADC Rejection Code: NO TOX DATA.

Klein, Jeannette and Alder, Lutz (2003). Applicability of gradient liquid chromatography with tandem mass spectrometry to the simultaneous screening for about 100 pesticides in crops. *Journal of AOAC International* 86: 1015-1037.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Kok, Fatma N. and Hasirci, Vasif (2004). Determination of binary pesticide mixtures by an acetylcholinesterase-choline oxidase biosensor. *Biosensors and Bioelectronics* 19: 661-665.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Kookana, Rai S., Correll, Raymond L., and Miller, Rosalind B (2005). Pesticide impact rating index - a pesticide risk indicator for water quality. [Erratum to document cited in CA144:082372]. *Water, Air, & Soil Pollution: Focus* 5: 277-278.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Kookana, Rai S., Correll, Raymond L., and Miller, Rosalind B (2005). Pesticide impact rating index - a pesticide risk indicator for water quality. *Water, Air, & Soil Pollution: Focus* 5: 45-65.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, 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: EcoReference No.: 87546

Chemical of Concern: AZ,CBL,DMT,MLN,ADC,DZ,Captan,ATZ,MTM,ACP,MZB,PCB Rejection Code: REVIEW.

Kroll, Dan and King, Karl (2005). Laboratory and field evaluation of a dual use on-line monitoring system for enhancing water distribution system quality and security. *Proceedings of SPIE-The International Society for Optical Engineering* 5994: 59940C-1-59940C/12 .

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Krueger, H. R. and Mason, J. F. (1973). Phorate and Aldicarb: Effects of Systemic Fungicides on Their Levels in Soybeans. *J.Econ.Entomol.* 66: 815-816.

Chem Codes: Chemical of Concern: PRT,ADC,BMY,CLNB,CBX,TBA,TPE Rejection Code: MIXTURE.

Kumari, Beena, Madan, V. K., Singh, Jagdeep, Singh, Shashi, and Kathpal, T. S (2004). Monitoring of Pesticidal Contamination of Farmgate Vegetables from Hisar. *Environmental Monitoring and Assessment* 90: 65-71.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Kurle, J. E. and Pfleger, F. L. (1994). The Effects of Cultural Practices and Pesticides on Vam Fungi. In: *F.L.Pfleger and R.G.Linderman (Eds.), Mycorrhizae and Plant Health, Am.Phytopathol.Soc.(APS) Press, St.Paul, MN* 101-131.

Chem Codes: EcoReference No.: 70318

Chemical of Concern: SZ,PNB,CBF,ADC,DCNA,CLNB,DZ Rejection Code: REFS
CHECKED/REVIEW.

Lahm, George Philip (20060302). Preparation of novel anthranilamides useful for controlling invertebrate pests. (*E.I. Dupont de Nemours and Company, USA*) 87 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lahm, George Philip, McCann, Stephen Frederick, Patel, Kanu Maganbhai, Selby, Thomas Paul, and Stevenson, Thomas Martin (20030227). Method for controlling particular insect pests by applying anthranilamide compounds. (*E. I. Du Pont de Nemours & Co., USA*) 150 pp.

Chem Codes : Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lahm, George Philip and Selby, Thomas Paul (20030403). Insecticidal compositions containing diamides. (*E. I. Du Pont de Nemours & Co., USA*) 246 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lahm, George Philip, Selby, Thomas Paul, and Stevenson, Thomas Martin (20030227). Arthropodicidal anthranilamides. (*E. I. Du Pont de Nemours & Co., USA*) 82 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lahm, George Philip, Selby, Thomas Paul, Stevenson, Thomas Martin, Taggi, Andrew Edmund, and Berezna, James Francis (20060526). Preparation of anthranilamide derivative insecticides and acaricides. (*E.I. Dupont De Nemours and Co., USA*) 97 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lancaster, Sarah H., Haney, Richard L., Senseman, Scott A., Hons, Frank M., and Chandler, James M (2006). Soil Microbial Activity Is Affected by Roundup WeatherMax and Pesticides Applied to Cotton (*Gossypium hirsutum*). *Journal of Agricultural and Food Chemistry* 54: 7221-7226.

Chem Codes: Chemical of Concern: ADC Rejection Code: BACTERIA.

Lawrence, K. S., Feng, Yucheng, Lawrence, G. W., Burmester, C. H., and Norwood, S. H (2005). Accelerated degradation of aldicarb and its metabolites in cotton field soils. *Journal of Nematology* 37: 190-197.
Chem Codes: Chemical of Concern: ADC Rejection Code: FATE.

Leach, Robert M. and Zhang, Jun (20050602). Micronized wood preservative formulations. (USA) 21 pp., Cont.-in-part of U.S. Ser. No. 821,326.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lehotay, Steven J., De Kok, Andre, Hiemstra, Maurice, and Van Bodegraven, Peter (2005). Validation of a fast and easy method for the determination of residues from 229 pesticides in fruits and vegetables using gas and liquid chromatography and mass spectrometric detection. *Journal of AOAC International* 88: 595-614.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Lemaire, Geraldine, Mnif, Wissem, Mauvais, Pascale, Balaguer, Patrick, and Rahmani, Roger (2006). Activation of a- and b-estrogen receptors by persistent pesticides in reporter cell lines. *Life Sciences* 79: 1160-1169.
Chem Codes: Chemical of Concern: ADC Rejection Code: IN VITRO.

Lin, Zhenyu and Chen, Guonan (2006). Determination of carbamates in nature water based on the enhancement of electrochemiluminescent of Ru(bpy)₃²⁺ at the multi-wall carbon nanotube-modified electrode. *Talanta* 70: 111-115.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Linzell, B. S. and Madge, D. S. (Effects of Pesticides and Fertilizers on Invertebrate Populations of Grass and Wheat Plots in Kent in Relation to Productivity and Yield. *Grass Forage Sci.* 41: 159-174.
Chem Codes: Chemical of Concern: PRT,ADC Rejection Code: MIXTURE.

Liu, Guangliang, Dai, Shugui, Qian, Yun, and Gan, Quan (2003). Experimental study on effect of anion surfactant on degradation rate of aldicarb in soil. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes* B38: 405-416.
Chem Codes: Chemical of Concern: ADC Rejection Code: FATE.

Liu, Min, Hashi, Yuki, Song, Yuanyuan, and Lin, Jin-Ming (2005). Simultaneous determination of carbamate and organophosphorus pesticides in fruits and vegetables by liquid chromatography-mass spectrometry. *Journal of Chromatography, A* 1097: 183-187.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Liu, Xianhua and Dai, Shugui (2004). Identification and characterization of carbofuran-degrading bacterium.

Proceedings of the China Association for Science and Technology 1: 565-571 .

Chem Codes: Chemical of Concern: ADC Rejection Code: BACTERIA.

Long, David (20060831). Method of improving nematode tolerant or resistant plant growth. (*Syngenta Participations AG, Switz.*) 18pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Low, Felicia, Lin, Hui-Ming, Gerrard, Juliet A., Cressey, Peter J., and Shaw, Ian C (2004). Ranking the risk of pesticide dietary intake. *Pest Management Science* 60: 842-848.

Chem Codes: Chemical of Concern: ADC Rejection 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. *Environ.Toxicol.Chem.* 16: 1785-1788.

Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Lynen, Frederic, Buica, Astrid, de Villiers, Andre, Crouch, Andrew, and Sandra, Pat (2005). An efficient slurry packing procedure for the preparation of columns applicable in capillary electrochromatography and capillary electrochromatography-electrospray-mass spectrometry. *Journal of Separation Science* 28: 1539-1549.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Makihata, Nobuko, Kawamoto, Tatsuhiko, and Teranishi, Kiyoshi (2003). Simultaneous analysis of carbamate pesticides in tap and raw water by LC/ESI/MS. *Analytical Sciences* 19: 543-549.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Malkomes, H. P., Steudel, W., and Thielemann, R. (1977). Einfluss Langjahriger Anwendung von TEMIK 10 G (Aldicarb) in einer Zuckerruben-Monokultur auf Bodenorganismen. *Sonderdruck aus dem Nachrichtenblatt des Deutschen Pflanzenschutzdienstes* 29 : (OECDG Data File).

Chem Codes: EcoReference No.: 56299

Chemical of Concern: ADC

Mascini, M., Del Carlo, M., and Compagnone, D (2005). Development of artificial oligopeptides as biomimetic receptors for carbamate and organophosphate pesticides using a computational approach. 44-49 .

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Maswabi, Titus Motswadi and Nindi, Mathew M (2003). Determination of bromoxynil and ioxynil in the presence of carbamates by supported liquid membrane-liquid chromatography in river waters. *Bulletin of the Chemical Society of Ethiopia* 17: 119-128.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Mathews, Eleanor A., Garcia, Esperanza, Santi, Celia M., Mullen, Gregory P., Thacker, Colin, Moerman, Donald

- G., and Snutch, Terrance P (2003). Critical residues of the *Caenorhabditis elegans* unc-2 voltage-gated calcium channel that affect behavioral and physiological properties. *Journal of Neuroscience* 23: 6537-6545.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, 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 Rejection Code: MIXTURE.
- Mayer-Helm, B., Hofbauer, L., and Mueller, J (2005). Development of a multi-residue method for the determination of 18 carbamates in tobacco by high-performance liquid chromatography/positive electrospray ionisation tandem mass spectrometry. *Rapid Communications in Mass Spectrometry* 20: 529-536.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Mazzatorta, Paolo, Cronin, Mark T. D., and Benfenati, Emilio (2006). A QSAR study of avian oral toxicity using support vector machines and genetic algorithms. *QSAR & Combinatorial Science* 25: 616-628.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- McElroy, Nathan R., Thompson, E. D., and Jurs, Peter C (2003). Classification of Diverse Organic Compounds That Induce Chromosomal Aberrations in Chinese Hamster Cells. *Journal of Chemical Information and Computer Sciences* 43: 2111-2119.
Chem Codes: Chemical of Concern: ADC Rejection Code: IN VITRO.
- McMahon, L. M., Chambers, C. M., and Chambers, P. L. (1995). Extraction of Aldicarb and Metabolites from Fertile Duck Eggs. *Teratology* 51: 27A (ABS No. P29).
Chem Codes: Chemical of Concern: ADC Rejection Code: ABSTRACT.
- McMahon, L. M., Chambers, C. M., and Chambers, P. L. (1996). Translocation of Aldicarb Sulphone Across the Duck Egg Shell. *Toxicol.Lett.* 88: 79-80.
Chem Codes: Chemical of Concern: ADC Rejection Code: ABSTRACT.
- Mendes, Carlos A. C., Mendes, Gloria E., Cipullo, Jose Paulo, and Burdmann, Emmanuel A (2005). Acute intoxication due to ingestion of vegetables contaminated with aldicarb. *Clinical Toxicology* 43: 117-118.
Chem Codes: Chemical of Concern: ADC Rejection Code: INCIDENT.
- Micinski, S. and Colyer, P. D. (1985). Response of Cotton to Temik-TSX at Various Planting Dates. In: *Annu.Meet.of the Am.Phytopathol.Soc., Aug.11-15, 1985, Reno, Nevada, Phytopathology* 75: 1340-1341.
Chem Codes: Chemical of Concern: ADC Rejection Code: ABSTRACT.
- Micinski, S., Colyer, P. D., Nguyen, K. T., and Koonce, K. L. (1990). Effects of Planting Date and Early-Season Pest Control on Yield in Cotton. *J.Prod.Agric.* 3 : 597-602.
Chem Codes: Chemical of Concern: ADC,ACP Rejection Code: MIXTURE.

- Miele, Sergio, Bargiacchi, Enrica, Capuzzi, Luigi, and Russo, Edoardo (20030605). Microgranular composition with a combined fertilizing and pesticidal activity. (*Agroqualita' S.r.l., Italy*) 43 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.
- Mineau, P., Collins, B. T., and Baril, A. (1996). On the Use of Scaling Factors to Improve Interspecies Extrapolation of Acute Toxicity in Birds. *Regul.Toxicol.Pharmacol.* 24: 24-29.
Chem Codes: Chemical of Concern: STCH,4AP,STAR,DLT,MOM,ADC,CBF,MCB,PIM,PPX,CPY,CMPH,DEM,DZ,DCTP,FNT,MVP,PRN,PPHD,PPX,TMP,TCF,BDF Rejection Code: MODELING.
- Minton, E. B. and Ebelhar, M. W. (1991). Potassium and Aldicarb-Disulfoton Effects on Verticillium Wilt, Yield, and Quality of Cotton. *Crop Sci.* 31: 209-212.
Chem Codes: EcoReference No.: 70571
 Chemical of Concern: ADC,PNB,DS Rejection Code: MIXTURE.
- Monks, C. D., Patterson, M. G., Freeman, B. L., and Norris, B. E. (1996). Comparison of Standard and Reduced Production Inputs on Cotton (*Gossypium hirsutum* L.). *Weed Sci.* 44: 911-914.
Chem Codes: EcoReference No.: 71391
 Chemical of Concern: PNB,ADC Rejection Code: MIXTURE.
- Morinaga, Hidetaka, Yanase, Toshihiko, Nomura, Masatoshi, Okabe, Taijiro, Goto, Kiminobu, Harada, Nobuhiro, and Nawata, Hajime (2004). A benzimidazole fungicide, benomyl, and its metabolite, carbendazim, induce aromatase activity in a human ovarian granulosa-like tumor cell line (KGN). *Endocrinology* 145: 1860-1869.
Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.
- Morrica, Patrizia, Fidente, Paola, and Seccia, Serenella (2005). Liquid chromatographic determination of nine N-methylcarbamates in drinking water. *Biomedical Chromatography* 19: 107-110.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Mullen, Gregory P., Mathews, Eleanor A., Saxena, Paurush, Fields, Stephen D., McManus, John R., Moulder, Gary, Barstead, Robert J., Quick, Michael W., and Rand, James B (2006). The *Caenorhabditis elegans* snf-11 gene encodes a sodium-dependent GABA transporter required for clearance of synaptic GABA. *Molecular Biology of the Cell* 17: 3021-3030.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Navas, J. M. and Segner, H. (1998). Antiestrogenic Activity of Anthropogenic and Natural Chemicals. *Environ.Sci.Pollut.Res.* 5: 75-82.
Chem Codes: EcoReference No.: 82896
 Chemical of Concern: OML,MOM,CBL,PPX,ADC,ES,PAH,PCB,TCDD Rejection Code: REVIEW.
- Nawata, Hajime and Yanase, Toshihiko (20030703). Method for identifying endocrine disruptors and kit for carrying out the same. (*Otsuka Pharmaceutical Co., Ltd., Japan*) 12 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

- Netzeva, Tatiana I., Aptula, Aynur O., Benfenati, Emilio, Cronin, Mark T. D., Gini, Giuseppina, Lessigiarska, Iglia, Maran, Uko, Vracko, Marjan, and Schueuermann, Gerrit (2005). Description of the Electronic Structure of Organic Chemicals Using Semiempirical and Ab Initio Methods for Development of Toxicological QSARs. *Journal of Chemical Information and Computer Sciences* 45: 106-114.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- Niculescu, S. P., Atkinson, A., Hammond, G., and Lewis, M (2004). Using fragment chemistry data mining and probabilistic neural networks in screening chemicals for acute toxicity to the fathead minnow. *SAR and QSAR in Environmental Research* 15: 293-309.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- Nogueira, J. M. F., Sandra, Tom, and Sandra, Pat (2003). Considerations on ultra trace analysis of carbamates in water samples. *Journal of Chromatography, A* 996: 133-140.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Nunes, G. S., Skladal, P., Yamanaka, H., and Barcelo, D. (1998). Determination of Carbamate Residues in Crop Samples by Cholinesterase-Based Biosensors and Chromatographic Techniques. *Anal.Chim.Acta* 362: 59-68.
Chem Codes: Chemical of Concern: ADC,CBF,MOM,CBL,PPX Rejection Code: IN VITRO/NO DURATION.
- Olthof, T. H. A. (1989). Effects of Fumigant and Nonfumigant Nematicides on *Pratylenchus penetrans* and Yield of Potato. *J.Nematol.* 21: 645-649.
Chem Codes: EcoReference No.: 87037
Chemical of Concern: DPDP,OML,ADC
- Omote, M., Harayama, K., Sasaki, T., Mochizuki, N., and Yamashita, H (2006). Analysis of simultaneous screening for 277 pesticides in malt and beer by liquid chromatography with tandem mass spectrometry. *Journal of the American Society of Brewing Chemists* 64: 139-150.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Opperman, C. H. and Chang, S. (1991). Effects of Aldicarb and Fenamiphos on Acetylcholine Sterase and Motility of *Caenorhabditis elegans*. *J Nematol* 23: 20-27.
Chem Codes: Chemical of Concern: ADC,FMP Rejection Code: IN VITRO.
- Ortelli, Didier, Edder, Patrick, and Corvi, Claude (2004). Multiresidue analysis of 74 pesticides in fruits and vegetables by liquid chromatography-electrospray-tandem mass spectrometry. *Analytica Chimica Acta* 520: 33-45.
Chem Codes : Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Pacholak, Eugeniusz, Zydlik, Zofia, and Zachwieja, Marcin (2004). The effect of different methods of preventing replanting disease and different levels of irrigation on soil and leaf mineral content. *Journal of Fruit and Ornamental Plant Research* 12: 69-81.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

- Palomeque, M., Garcia Bautista, J. A., Catala Icardo, M., Garcia Mateo, J. V., and Martinez Calatayud, J. (2004). Photochemical-chemiluminometric determination of aldicarb in a fully automated multicommutation based flow-assembly. *Analytica Chimica Acta* 512: 149-156.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.
- Pang, G.-F., Fan, C.-L., Liu, Y.-M., Cao, Y.-Z., Zhang, J.-J., Fu, B.-L., Li, X.-M., Li, Z.-Y., and Wu, Y.-P (2006). Multi-residue method for the determination of 450 pesticide residues in honey, fruit juice and wine by double-cartridge solid-phase extraction/gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry. *Food Additives & Contaminants* 23: 777-810.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Pang, Guo-Fang, Cao, Yan-Zhong, Zhang, Jin-Jie, Fan, Chun-Lin, Liu, Yong-Ming, Li, Xue-Min, Jia, Guang-Qun, Li, Zeng-Yin, Shi, Yu-Qiu, Wu, Yan-Ping, and Guo, Tong-Tong (2006). Validation study on 660 pesticide residues in animal tissues by gel permeation chromatography cleanup/gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry. *Journal of Chromatography, A* 1125: 1-30.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Pang, Guo-Fang, Fan, Chun-Lin, Liu, Yong-Ming, Cao, Yan-Zhong, Zhang, Jin-Jie, Li, Xue-Min, Li, Zeng-Yin, Wu, Yan-Ping, and Guo, Tong-Tong (2006). Determination of residues of 446 pesticides in fruits and vegetables by three-cartridge solid-phase extraction-gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry. *Journal of AOAC International* 89: 740-771.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Pang, Guo-Fang, Liu, Yong-Ming, Fan, Chun-Lin, Zhang, Jin-Jie, Cao, Yan-Zhong, Li, Xue-Min, Li, Zeng-Yin, Wu, Yan-Ping, and Guo, Tong-Tong (2006). Simultaneous determination of 405 pesticide residues in grain by accelerated solvent extraction then gas chromatography-mass spectrometry or liquid chromatography-tandem mass spectrometry. *Analytical and Bioanalytical Chemistry* 384: 1366-1408.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Pantiru, Monica, Tsiakatouras, Georgios, Martens, Dieter, Ochsenkuehn-Petropoulou, Maria, and Kettrup, Antonius (2003). Development of clean-up methods for the determination of carbamates and acidic pesticides in agricultural products. *Fresenius Environmental Bulletin* 12: 871-875 .
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Papa, Ester, Villa, Fulvio, and Gramatica, Paola (2005). Statistically Validated QSARs, Based on Theoretical Descriptors, for Modeling Aquatic Toxicity of Organic Chemicals in Pimephales promelas (Fathead Minnow). *Journal of Chemical Information and Modeling* 45: 1256-1266.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.
- Papadopoulou-Mourkidou, Euphemia, Patsias, John, and Koukourikou, Anna (2006). Automated trace analysis of pesticides in water. *Methods in Biotechnology* 19: 435-451.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Paz-y-Mino, Cesar, Arevalo, Melissa, Sanchez, Maria Eugenia, and Leone, Paola. E (2004). Chromosome and DNA damage analysis in individuals occupationally exposed to pesticides with relation to genetic polymorphism for CYP 1A1 gene in Ecuador. *Mutation Research* 562: 77-89.

Chem Codes: Chemical of Concern: ADC Rejection Code: HUMAN HEALTH.

Perez, J. P. Hervás, Lopez-Cabarcos, E., and Lopez-Ruiz, B. (2006). The application of methacrylate-based polymers to enzyme biosensors. *Biomolecular Engineering* 23: 233-245.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Perkins, E. J., El Alfy, A., and Schlenk, D. (1999). In Vitro Sulfoxidation of Aldicarb by Hepatic Microsomes of Channel Catfish, *Ictalurus punctatus*. *Toxicol.Sci.* 48: 67-73.

Chem Codes: Chemical of Concern: ADC Rejection Code: IN VITRO.

Pfeuffer, Richard J. and Rand, Gary M (2004). South Florida Ambient Pesticide Monitoring Program. *Ecotoxicology* 13: 195-205.

Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.

Podhorniak, Lynda V., Schenck, Frank J., Krynetsky, Alexander, and Griffith, Francis Jr (2004). Multiresidue method for N-methyl carbamates and metabolite pesticide residues at the parts-per-billion level in selected representative commodities of fruit and vegetable crop groups. *Journal of AOAC International* 87: 1237-1251.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Rawn, D. F. K., Roscoe, V., Krakalovich, T., and Hanson, C (2004). N-methyl carbamate concentrations and dietary intake estimates for apple and grape juices available on the retail market in Canada. *Food Additives & Contaminants* 21: 555-563.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Rawn, D. F. K., Roscoe, V., Trelka, R., Hanson, C., Krakalovich, T., and Dabeka, R. W (2006). N-methyl carbamate pesticide residues in conventional and organic infant foods available on the Canadian retail market, 2001-03. *Food Additives & Contaminants* 23: 651-659.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Read, D. C. (1987). Greatly Accelerated Microbial Degradation of Aldicarb in Re-Treated Field Soil, in Flooded Soil, and in Water. *J.Econ.Entomol.* 80: 156-163.

Chem Codes: Chemical of Concern: ADC Rejection Code: BACTERIA.

Reddy, G. P. V. and Murthy, M. M. K. (1989). Integrated Pest Management in Rice. *Pesticides* 23: 32F-32I.

Chem Codes: Chemical of Concern:

SZ,AND,CHL,CBL,CPY,DZ,EN,HPT,ATZ,MOM,ADC,CBF,DMT,DMB,ATN Rejection Code: NO TOX DATA.

Rieth, J. P. (1999). Letters to the Editor. *Toxicol.Appl.Pharmacol.* 161: 302-305.
Chem Codes: Chemical of Concern: ADC Rejection Code: ADDENDUM.

Rodriguez-Kabana, R. and Kokalis-Burelle, N. (1997). Chemical and Biological Control. *In: R.J.Hillocks and J.M.Waller (Eds.), Soilborne Diseases of Tropical Crops, Chapter 17, CAB Int., Wallingford, England* 397-418.
Chem Codes: EcoReference No.: 69948
Chemical of Concern: PNB,CBF,ADC,CLNB Rejection Code: REFS CHECKED/REVIEW.

Rogers, Kim R. and Weetall, Howard H (20050310). Stabilized enzymes for detecting and monitoring organophosphorus or carbamate compounds. (USA) 17 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Romero-Gonzalez, Roberto, Pastor-Montoro, Elena, Martinez-Vidal, Jose Luis, and Garrido-Frenich, Antonia (2006). Application of hollow fiber supported liquid membrane extraction to the simultaneous determination of pesticide residues in vegetables by liquid chromatography/mass spectrometry. *Rapid Communications in Mass Spectrometry* 20: 2701-2708.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Rose, Michael T., Sanchez-Bayo, Francisco, Crossan, Angus N., and Kennedy, Ivan R. (2006). Pesticide removal from cotton farm tailwater by a pilot-scale ponded wetland. *Chemosphere* 63: 1849-1858.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Rueegg, Willy T (20040930). Synergistic herbicidal compositions comprising isoxazolinylsulfonylbenzoylpyrazole derivs. in combination with insecticides. (*Syngenta Participations A.-G., Switz.*) 49 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Rueegg, Willy Thaddaeus, Urwiler, Michael Joseph, and Clemens, Christoppher Glen (20050616). Herbicidal combinations comprising a HPPD-inhibiting herbicide and an insecticide. (*Syngenta Participations A.-G., Switz.*) 48 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Samanic, Claudine, Hoppin, Jane A., Lubin, Jay H., Blair, Aaron, and Alavanja, Michael C. R (2005). Factor analysis of pesticide use patterns among pesticide applicators in the Agricultural Health Study. *Journal of Exposure Analysis and Environmental Epidemiology* 15: 225-233.
Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Sanchez-Bayo, Francisco (2006). Comparative acute toxicity of organic pollutants and reference values for crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environmental Pollution (Amsterdam, Netherlands)* 139: 385-420 .

Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Sanchez-Bayo, Francisco (2004). More realistic concentrations of agrochemicals for environmental risk assessments. *Journal of Pesticide Science (Tokyo, Japan)* 29: 130-133.

Chem Codes: Chemical of Concern: ADC Rejection Code: MODELING.

Sangha, G. K. (1971). Environmental Effects of Carbamate Insecticides as Assayed in the "Model Ecosystem" - A Comparison with DDT. *Diss.Abstr.Int.B Sci.Eng.*32:4650-B (1972) / *Ph.D.Thesis, Univ.of Illinois at Urbana-Champaign, IL* 153 p.

Chem Codes: Chemical of Concern: DDT,PPX,CBL,CBF,ADC Rejection Code: ABSTRACT .

Sato, Futoshi, Iwata, Hitoshi, Nomura, Takakazu, and Komatsu, Kazuhiro (2005). Multiresidue analysis of pesticides in foods using liquid chromatography/mass spectrometry. *ACS Symposium Series* 899: 28-37.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

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 Toxicol.* 9: 343-352.

Chem Codes: Chemical of Concern:

ADC,TBC,CBL,MOM,ABT,PRN,ACP,PRT,PPHD,FNF,DZ,ETN,FNTH,TCF,AZ,PHSL,MLN,MP,Naled,DMT,DS,CPY Rejection Code: IN VITRO/METABOLISM.

Schenck, Frank J., Podhorniak, Lynda V., Hobbs, James, Casanova, John, and Donoghue, Dan (2006). Liquid chromatographic determination of N-methyl carbamate pesticide residues at low parts-per-billion levels in eggs. *Journal of AOAC International* 89: 196-200.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Schlenk, Daniel, Yeung, Cathy, and Rettie, Allan (2004). Unique monooxygenation pattern indicates novel flavin-containing monooxygenase in liver of rainbow trout: Twelfth International Symposium on Pollutant Responses in Marine Organisms. *Marine Environmental Research* 58: 499-503.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOXICANT.

Schlenk, Daniel, Yeung, Cathy, and Rettie, Allan (2004). Unique monooxygenation pattern indicates novel flavin-containing monooxygenase in liver of rainbow trout. *Marine Environmental Research* 58: 499-503.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Schulze, Holger, Muench, Susanne B., Villatte, Francois, Schmid, Rolf D., and Bachmann, Till T (2005). Insecticide detection through protein engineering of *Nippostrongylus brasiliensis* acetylcholinesterase B. *Analytical Chemistry* 77: 5823-5830.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Scott, William P., Shaw, Richard, and Hall, Lee (2004). Benefits of Temik in cotton: a historical review.

Proceedings - Beltwide Cotton Conferences 1313-1323.

Chem Codes: Chemical of Concern: ADC Rejection Code: REVIEW.

Shanley, Elizabeth H. and Baker, Paul B (2003). Pesticide update in Arizona cotton for 2002. *Proceedings - Beltwide Cotton Conferences* 1102-1110.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA.

Siew, Lai Khai, Winger, Larry A., Spoors, Julia A., Dessi, John L., Jennens, Lyn, and Self, Colin H (2003). Monoclonal Antibodies Useful in Sensitive Immunoassays for Aldicarb in Either Laboratory or the Field. *International Journal of Environmental Analytical Chemistry* 83: 417-426.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Silva Nunes, Gilvanda, Jeanty, Gerard, and Marty, Jean-Louis (2004). Enzyme immobilization procedures on screen-printed electrodes used for the detection of anticholinesterase pesticides: Comparative study. *Analytica Chimica Acta* 523: 107-115.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Sinclair, Chris J. and Boxall, Alistair B. A (2003). Assessing the Ecotoxicity of Pesticide Transformation Products. *Environmental Science and Technology* 37: 4617-4625.

Chem Codes: Chemical of Concern: ADC Rejection Code: FATE.

Singh, A., Singh, A., Misra, T. N., and Agarwal, R. A. (1996). Molluscicides of Plant Origin. *Biol.Agric.Hortic.* 13: 205-252 .

Chem Codes: EcoReference No.: 83309

Chemical of Concern: DM,NSM,ADC,CBL,PRT,CYP,PMR,FNV Rejection Code: REVIEW.

Singh, S. P. and Jalali, S. K. (1998). Impact of Pesticides on Natural Enemies of Agricultural Pests. In: *G.S.Dhaliwal, N.S.Randhawa, R.Arora, and A.K.Dhawan (Eds.), Ecological Agriculture and Sustainable Development, Volume 2, Proc.of Int.Conf.on Ecological Agriculture: Towards Sustainable Development, Nov.15-17, 1997, Indian Ecol.Soc., Ludhiana, India* 162-175.

Chem Codes: Chemical of Concern:

MOM,ADC,CBF,DMT,AZD,CYP,FVL,MTM,MP,MLN,FNT,FNTH,DDVP,DZ,CPY,ACE,HPT,HCCH, MVP,PRT,PHSL,PPHD,DM,PMR Rejection Code: REFS CHECKED/REVIEW.

Singh, U. D., Sethunathan, N., and Raghu, K. (1991). Fungal Degradation of Pesticides. In: *D.K.Arora (Ed.), Handbook of Applied Mycology, Chapter 19, Soil and Plants, Marcel Dekker Inc., NY* 1: 541-588.

Chem Codes: EcoReference No.: 70474

Chemical of Concern:

SZ,PNB,ATZ,PCP,DDT,AND,DLD,HPT,EN,CHD,ES,DZ,PRN,CBL,FRN,MLT,ADC,CBF,CLNB

Rejection Code: REFS CHECKED/REVIEW.

Smelt, J. H., Crum, S. J. H., Teunissen, W., and Leistra, M. (1987). Accelerated Transformation of Aldicarb, Oxamyl and Ethoprophos After Repeated Soil Treatments. *Crop Prot.* 6: 295-303.

Chem Codes: Chemical of Concern: OML,ADC Rejection Code: FATE.

- Smith, G. S., Niblack, T. L., and Minor, H. C. (1991). Response of Soybean Cultivars to Aldicarb in Heterodera glycines-Infested Soils in Missouri. *J.Nematol.* 23: 693-698.
Chem Codes: EcoReference No.: 74696
 Chemical of Concern: ADC
- Smyser, B. P., Sabourin, P. J., and Hodgson, E. (1985). Oxidation of Pesticides by Purified Microsomal FAD-Containing Monooxygenase from Mouse and Pig Liver. *Pestic.Biochem.Physiol.* 24: 368-374.
Chem Codes: Chemical of Concern: DS,DEM,SPS,PRT,FNTH,TBO,MCB,ADC,MTAS,DZM,Ziram
Rejection Code: IN VITRO.
- Solomon, K. R., MacDonald, S., Surgeoner, G., and Harris, C. R. (1990). Housefly Resistance to Pyrethroids. *Pyrethrum Post* 17: 146-152.
Chem Codes: EcoReference No.: 70455
 Chemical of Concern: RSM,CYP,DZ,DDT,PYT,MOM,ADC,CBF,PPB,DMT Rejection Code: REVIEW.
- Spurr, H. W. Jr. and Sousa, A. A. (1974). Potential Interactions of Aldicarb and Its Metabolites on Nontarget Organisms in the Environment. *J.Environ.Qual.* 3: 130-133.
Chem Codes: EcoReference No.: 65947
 Chemical of Concern: ADC Rejection Code: BACTERIA.
- Starkey, Jason A., Abrantes, Shirley, Mechref, Yehia, and Novotny, Milos V (2003). Sensitive analyses of agricultural chemicals by capillary electrochromatography. *Journal of Separation Science* 26: 1635-1642.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Stephan, C. E., Mount, D. I., Hansen, D. J., Gentile, J. H., Chapman, G. A., and Brungs, W. A. (1985). Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, National Technical Information Services, Springfield, VA. *U.S.EPA* (PB85-227049).
Chem Codes: EcoReference No.: 54512
 Chemical of Concern: NYP,TBT,Cr,CN,As,ACL,ACE,ACY,ADC,NH,Al,Ag,Cd,Se,ATZ,DZ,Pb,Ni,Zn
Rejection Code: METHODS.
- Stock, F., Hoffmann, J., Ranke, J., Stoermann, R., Ondruschka, B., and Jastorff, B (2004). Effects of ionic liquids on the acetylcholinesterase - a structure-activity relationship consideration. *Green Chemistry* 6: 286-290.
Chem Codes : Chemical of Concern: ADC Rejection Code: QSAR.
- Strathmann, Timothy J. and Stone, Alan T (2003). Mineral surface catalysis of reactions between FeII and oxime carbamate pesticides. *Geochimica et Cosmochimica Acta* 67: 2775-2791.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Sun, Feei, Wong, Sue-Sun, Li, Gwo-Chen, and Chen, Shiu-Nan (2005). Multiresidue determination of pesticide in fishery products by a tandem solid-phase extraction technique. *Yaowu Shipin Fenxi* 13: 151-158.
Chem Codes: Chemical of Concern: ADC Rejection Code: SURVEY.
- Sun, Gang, Ko, Louise L., and Shibamoto, Takayuki (20040120). Pesticide protective articles, durable and regenerable treatment process, and detoxifying a pesticide. (*The Regents of the University of California, USA*) 15 pp., Cont.-in-part of U.S. Ser. No. 102,525.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

- Sun, Hongwen, Xu, Jian, Yang, Songhua, Liu, Guangliang, and Dai, Shugui (2004). Plant uptake of aldicarb from contaminated soil and its enhanced degradation in the rhizosphere. *Chemosphere* 54: 569-574.
Chem Codes: Chemical of Concern: ADC Rejection Code: FATE,METABOLISM.
- Sun, Hui and Fung, Yingsing (2006). Piezoelectric quartz crystal sensor for rapid analysis of pirimicarb residues using molecularly imprinted polymers as recognition elements: Asianalysis VIII - Papers presented at the 8th Asian Conference on Analytical Chemistry (Asianalysis VIII, Taipei, Taiwan, 16-20 October 2005. *Analytica Chimica Acta* 576 : 67-76.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.
- Suprun, E., Evtugyn, G., Budnikov, H., Ricci, F., Moscone, D., and Palleschi, G (2005). Acetylcholinesterase sensor based on screen-printed carbon electrode modified with Prussian blue. *Analytical and Bioanalytical Chemistry* 383: 597-604.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Sweetingham, M. W. (1996). Integrated Control of Rhizoctonia Species. *In: B.Sneh, et al.(Eds.), 2nd Int.Symp.on Rhizoctonia Species: Taxonomy, Molecular Biology, Ecology, Pathology and Disease Control, Jun.27-30, 1995, Noordwijkerhout, Netherlands, Kluwer Acad.Publ., Dordrecht, Netherlands* 549-558.
Chem Codes: EcoReference No.: 70440
 Chemical of Concern: SZ,PNB,ADC,CBF,CLNB,DMT,DMB Rejection Code: REFS
 CHECKED/REVIEW.
- Takino, Masahiko, Yamaguchi, Kenji, and Nakahara, Taketoshi (2004). Determination of Carbamate Pesticide Residues in Vegetables and Fruits by Liquid Chromatography-Atmospheric Pressure Photoionization-Mass Spectrometry and Atmospheric Pressure Chemical Ionization-Mass Spectrometry. *Journal of Agricultural and Food Chemistry* 52: 727-735.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Taranta, Claude and Buckespach, Rainer (20050818). Pesticidal composition for rice comprising 2-ethylhexyl lactate. (*Bayer Cropscience G.m.b.H., Germany*) 51 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- 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: User 1 Abbreviation: (ScienceDirect 1995-Present)
 EcoReference No.: 54800
 Chemical of Concern: MOM,CBF,ADC,CYP,FVL Rejection Code: REVIEW.
- Thomas, P. T. and House, R. V. (1989). Pesticide-Induced Modulation of the Immune System. *In: N.N.Ragsdale and R.E.Menzer (Eds.), ACS (Am.Chem.Soc.) Symp.Ser.414, Carcinogenicity and Pesticides: Principles, Issues, and Relationships, 196th Natl.Meet.of the Am.Chem.Soc., Sept.25-30, 1988, Los Angeles, CA, Am.Chem.Soc., Washington, D.C.* 94-106.
Chem Codes: EcoReference No.: 74733

Chemical of Concern: TBT,CBL,ADC,CBF Rejection Code: REVIEW.

Thompson, Leo E., Lowery, Patrick S., Campbell, Brett E., and Timmerman, Craig L (20060803). Waste treatment by in-container vitrification. (*Geosafe Corporation, USA*) 52pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Toropov, Andrey A. and Benfenati, Emilio (2006). QSAR models for Daphnia toxicity of pesticides based on combinations of topological parameters of molecular structures. *Bioorganic & Medicinal Chemistry* 14: 2779-2788.
Chem Codes: Chemical of Concern: ADC Rejection Code: QSAR.

Totti, S., Fernandez, M., Ghini, S., Pico, Y., Fini, F., Manes, J., and Girotti, S (2006). Application of matrix solid phase dispersion to the determination of imidacloprid, carbaryl, aldicarb, and their main metabolites in honeybees by liquid chromatography-mass spectrometry detection. *Talanta* 69: 724-729.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Tribaldo, Evaristo Ballesteros (2006). Chromatographic determination of carbamate pesticides in environmental samples. *Chromatographic Science Series* 93: 889-934.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Upadhyay, Renu and Shukla, I. C (2004). Determination of some carbamate insecticides with N-bromosuccinimide reagent. *National Academy Science Letters (India)* 27: 209-213.
Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS.

Van Der Schalie, William H., James, Ryan R., and Gargan, Thomas P (2006). Selection of a battery of rapid toxicity sensors for drinking water evaluation. *Biosensors & Bioelectronics* 22: 18-27.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Vidair, Charles A (2004). Age dependence of organophosphate and carbamate neurotoxicity in the postnatal rat: extrapolation to the human. *Toxicology and Applied Pharmacology* 196: 287-302.
Chem Codes: Chemical of Concern: ADC Rejection Code: REVIEW, HUMAN HEALTH.

Visco, Giovanni, Bellanti, Francesco, Campanella, Luigi, Mazzella, Tommaso, and Nobili, Valentina (2005). Optimization of a photochemical sensor for total organic carbon measurement. *Annali di Chimica (Rome, Italy)* 95: 185-198.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Von Ohe, Peter C., Kuehne, Ralph, Ebert, Ralf-Uwe, Altenburger, Rolf, Liess, Matthias, and Schueuermann, Gerrit (2005). Structural Alerts-A New Classification Model to Discriminate Excess Toxicity from Narcotic

Effect Levels of Organic Compounds in the Acute Daphnid Assay. *Chemical Research in Toxicology* 18: 536-555.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Waldemer, Rachel H. and Tratnyek, Paul G (2006). Kinetics of Contaminant Degradation by Permanganate. *Environmental Science and Technology* 40: 1055-1061.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Walter, Harald, Corsi, Camilla, Ehrendfreund, Josef, Lamberth, Clemens, and Tobler, Hans (20060413). Synergistic fungicidal compositions comprising a pyridine derivative. (*Syngenta Participations A.-G., Switz.*) 112 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Walter, Harald, Corsi, Camilla, Ehrenfreund, Josef, Lamberth, Clemens, and Tobler, Hans (20060413). Synergistic fungicidal compositions comprising pyrazole derivatives. (*Syngenta Participations AG, Switz.*) 142 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Walter, Harald, Corsi, Camilla, Ehrenfreund, Josef, Lamberth, Clemens, and Tobler, Hans (20060413). Synergistic fungicidal compositions comprising a pyrazole derivative. (*Syngenta Participations A.-G., Switz.*) 139 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Wang, Jian and Cheung, Wendy (2006). Determination of pesticides in soy-based infant formula using liquid chromatography with electrospray ionization tandem mass spectrometry. *Journal of AOAC International* 89: 214-224.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Wang, Jian, Cheung, Wendy, and Grant, Donna (2005). Determination of Pesticides in Apple-Based Infant Foods Using Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. *Journal of Agricultural and Food Chemistry* 53: 528-537.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Wantling, Steven (20060112). Wax emulsion preservative compositions and method for manufacture. (USA) 13 pp., Cont.-in-part of Appl. No. PCT/US04-017627.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Watson, J. E. (1996). Pesticides as a Source of Pollution. *Pollut.Sci.* 3: 253-266.

Chem Codes: EcoReference No.: 70435

Chemical of Concern: SZ,PNB,MOM,CBF,ADC,DMT,24DXY,SXD,CYP,DMB,RTN Rejection Code: METHODS.

- Weaver, D. B., Rodriguez-Kabana, R., and Carden, E. L. (1993). Velvetbean in Rotation with Soybean for Management of *Heterodera glycines* and *Meloidogyne arenaria*. *J.Nematol.* 25: 809-813.
Chem Codes: EcoReference No.: 75274
Chemical of Concern: ADC Rejection Code: MIXTURE.
- Weber, Jerome B., Wilkerson, Gail G., and Reinhardt, Carl F (2004). Calculating pesticide sorption coefficients (Kd) using selected soil properties. *Chemosphere* 55: 157-166.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Weetall, Howard H., Mishra, Nirankar N., Mahfouz, Amal, and Rogers, Kim R (2004). An Approach for Screening Cholinesterase Inhibitors in Drinking Water Using an Immobilized Enzyme Assay. *Analytical Letters* 37: 1297-1305.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Whitehead, A. G., Tite, D. J., Fraser, J. E., and French, E. M. (1973). Treating Potato Ridges in Spring with Aldicarb, D-D or Dazomet to Control Potato Cyst-Nematode *Heterodera rostochiensis*, in Sandy Clay and Peat Loam Soils. *Ann.Appl.Biol.* 73: 203-210.
Chem Codes: Chemical of Concern: DZM,DPDP,ADC Rejection Code: MIXTURE.
- Whyte, Susan Kay (20031127). Agitation process for the preparation and activation of drugs and other substances, and production means. (*Chemstop Pty Ltd, Australia*) 90 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Wilson, P. Chris, Foos, Jane Ferguson, and Jones, Russell L (2005). Pulsed Losses and Degradation of Aldicarb in a South Florida Agricultural Watershed. *Archives of Environmental Contamination and Toxicology* 48: 24-31.
Chem Codes: Chemical of Concern: ADC Rejection Code: FATE.
- Windsor, J. Brian, Roux, Stan J., Lloyd, Alan M., and Thomas, Collin E (20050217). Methods and compositions for increasing the efficacy of biologically-active ingredients such as antitumor agents. (*Board of Regents, the University of Texas System, USA*) 243 pp.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Worrall, Fred and Thomsen, Marianne (2003). Quantum vs. topological descriptors in the development of molecular models of groundwater pollution by pesticides. *Chemosphere* 54: 585-596.
Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.
- Wright, D. J. and Verkerk, R. H. J. (1995). Integration of Chemical and Biological Control Systems for Arthropods: Evaluation in a Multitrophic Context. *Pestic.Sci.* 44: 207-218.
Chem Codes: EcoReference No.: 65228
Chemical of Concern: ADC,CBF,DMT,CYP Rejection Code: REVIEW.
- Wu, Xiaoping, Wang, Ling, Xie, Zenghong, Lu, Jieshan, Yan, Chao, Yang, Pengyuan, and Chen, Guonan (2006).

Rapid separation and determination of carbamate insecticides using isocratic elution pressurized capillary electrochromatography. *Electrophoresis* 27: 768-777.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Xu, Jian, Yuan, Xu, and Dai, Shugui (2006). Effect of surfactants on desorption of aldicarb from spiked soil. *Chemosphere* 62: 1630-1635.

Chem Codes: Chemical of Concern: ADC Rejection Code: METHODS, NO TOX DATA.

Xue, Y., Yap, C. W., Sun, L. Z., Cao, Z. W., Wang, J. F., and Chen, Y. Z (2004). Prediction of P-Glycoprotein Substrates by a Support Vector Machine Approach. *Journal of Chemical Information and Computer Sciences* 44: 1497-1505.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

York, A. C. and Jordan, D. L. (1992). Cotton (*Gossypium hirsutum*) Response to Clomazone and Insecticide Combinations. *Weed Technol.* 6: 796-800.

Chem Codes : EcoReference No.: 75277

Chemical of Concern: DS,CMZ,ADC,PRT Rejection Code: MIXTURE.

York, A. C. and Wilcut, J. W. (1993). Insecticides do not Affect Cotton (*Gossypium hirsutum*) Response to Imazaquin and Imazethapyr. *Weed Sci.* 41: 269-280.

Chem Codes: EcoReference No.: 75275

Chemical of Concern: PRT,DS,ADC,IMQ,IZTNH Rejection Code: MIXTURE.

Yu, Kate, Krol, Jim, Balogh, Michael, and Monks, Iain (2003). A Fully Automated LC/MS Method Development and Quantification Protocol Targeting 52 Carbamates, Thiocarbamates, and Phenylureas. *Analytical Chemistry* 75: 4103-4112.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.

Zimmerman, William Thomas (20030403). Preparation of pyrazolylcarbonyl pyridinyl anthranilamides as arthropodocides. (*E. I. Du Pont de Nemours & Co., USA*) 46 pp.

Chem Codes: Chemical of Concern: ADC Rejection Code: NO TOX DATA, METHODS.