

Appendix K. Accepted Ecotox Open Literature

Accepted for EcoTox and OPP

Abdou, H. M. and El-Mazoudy, R. H. (2010). Oxidative Damage, Hyperlipidemia and Histological Alterations of Cardiac and Skeletal Muscles Induced by Different Doses of Diazinon in Female Rats. *J. Hazard. Mater.* 182: 273-278.

EcoReference No.: 153552

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

Adedeji, O. B., Adedeji, A. O., Adeyemo, O. K., and Agbede, S. A. (2008). Acute Toxicity of Diazinon to the African Catfish (*Clarias gariepinus*). *Afr. J. Biotechnol.* 7: 651-654.

EcoReference No.: 121110

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

Adedeji, O. B., Adeyemo, O. K., and Agbede, S. A. (2009). Effects of Diazinon on Blood Parameters in the African Catfish (*Clarias gariepinus*). *Afr. J. Biotechnol.* 8: 3940-3946.

EcoReference No.: 121111

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

Akturk, O., Demirin, H., Sutcu, R., Yilmaz, N., Koylu, H., and Altuntas, I. (2006). The Effects of Diazinon on Lipid Peroxidation and Antioxidant Enzymes in Rat Heart and Ameliorating Role of Vitamin E and Vitamin C. *Cell Biol. Toxicol.* 22: 455-461.

EcoReference No.: 153553

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

Alahyary, P., Poor, M. I., Azarbaijani, F. F., and Nejati, V. (2008). The Potential Toxicity of Diazinon on Physiological Factors in Male Rat. *Pak. J. Biol. Sci.* 11: 127-130.

EcoReference No.: 153554

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

Allen, W. R., Askew, W. L., and Schreiber, K. (1961). Insecticidal Control of the Sugar-Beet Root Maggot and Yield of Sugar Beets. *J. Econ. Entomol.* 54: 178-181.

EcoReference No.: 57380

Chemical of Concern: DZ,HPT,PRT; Habitat: T; Effect Codes: ACC,BCM,GRO,MOR,POP; Code: LITE EVAL CODED (DZ), NO EFED CHEM (HPT), OK (PRT).

Andersen, H. B., Caldwell, R. S., Toll, J., Do, T., and Saban, L. (2010). Sensitivity of Lamprey *Ammocoetes* to Six Chemicals. *Arch. Environ. Contam. Toxicol.* 59: 622-631.

EcoReference No.: 153571

Chemical of Concern: AN,CuS,DZ,HCCH,NAPH,PCP,PPCP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (AN,CuS,DZ,HCCH,NAPH,PCP,PPCP), NO EFED CHEM (AN,HCCH,PPCP).

Ashauer, R., Caravatti, I., Hintermeister, A., and Escher, B. I. (2010). Bioaccumulation Kinetics of Organic

Xenobiotic Pollutants in the Freshwater Invertebrate *Gammarus pulex* Modeled with Prediction Intervals. *Environ. Toxicol. Chem.* 29: 1625-1636.

EcoReference No.: 153560

Chemical of Concern: 24DC,ADC,CBF,DZ,EAC,IMC,MLN; Habitat: A; Effect Codes: ACC,BCM,MOR; Code: LITE EVAL CODED (24DC,ADC,CBF,DZ,EAC,IMC,MLN), NO EFED CHEM (24DC,EAC).

Ashauer, R., Hintermeister, A., Caravatti, I., Kretschmann, A., and Escher, B. I. (2010). Toxicokinetic and Toxicodynamic Modeling Explains Carry-Over Toxicity from Exposure to Diazinon by Slow Organism Recovery. *Environ. Sci. Technol.* 44: 3963-3971.

EcoReference No.: 150303

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

Banaee, M., Mirvaghefi, A. R., Rafei, G. R., and Amiri, B. M. (2008). Effect of Sub-Lethal Diazinon Concentrations on Blood Plasma Biochemistry. *Int. J. Environ. Res.* 2: 189-198.

EcoReference No.: 120738

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

Banaee, M., Sureda, A., Mirvaghefi, A. R., and Ahmadi, K. (2011). Effects of Diazinon on Biochemical Parameters of Blood in Rainbow Trout (*Oncorhynchus mykiss*). *Pestic. Biochem. Physiol.* 99: 1-6.

EcoReference No.: 153572

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

Bathe, R., Ullmann, L., and Sachsse, K. (1973). Determination of Pesticide Toxicity to Fish. *Schriftenr Ver Wasser Boden Lufthyg Berlin - Dahlem* 37: 241-256 (ENG TRANSL).

EcoReference No.: 546

Chemical of Concern: AMTR,ATZ,FMU,PMT,PRO,SZ,TBZ,DZ; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (PRO,DZ), NO CONTROL (ATZ,SZ,TBZ), NO EFED CHEM (AMTR,FMU), NO ENDPOINT (ATZ,SZ,TBZ), OK (PMT).

Beauchard, O., Choi, K. H., Lee, S. H., Ji, C. W., Lek, S., and Chon, T. S. (2009). Quantitative Characterization of Response Behaviors and Individual Variation in *Chironomus riparius* After Treatments of Diazinon. In: C.A.Brebbia and E.Tiezzi (Eds.), *7th Intl.Conf.on Ecosystems and Sustainable Dev.VII, Jul.8-10, 2009, WIT Press, Ashurst Lodge, Southampton, Ashurst, U.K.* 127-138.

EcoReference No.: 120752

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

Berisford, Y. C. and Ayres, J. C. (1976). Effect of Insecticides on Growth and Zearalenone (F-2) Production by the Fungus, *Fusarium graminearum*. *Environ. Entomol.* 5: 644-648.

EcoReference No.: 91048

Chemical of Concern: ATN,AZ,DDVP,DZ,ETN,MKG264,MLN,MVP,MXC,Naled,PPB,PYN,TVP; Habitat: T; Effect Codes: BCM,POP; Code: LITE EVAL CODED (ATN,AZ,DDVP,DZ,MKG264,MLN,MVP,Naled,PPB,TVP), NO EFED CHEM (ETN,MXC,PYN).

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

Bogatko, W. and Labanowski, G. (1993). Chemical Control of the Black Vine Weevil (*Otiorrhynchus sulcatus* F.) on Ornamental Crops. *J. Fruit Ornam. Plant Res.* 1: 93-101.

EcoReference No.: 153283

Chemical of Concern: CBF,CPY,DZ,FNF,IFP,MTM,OML,PIRM,TBO,TFT; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (CBF,CPY,DZ,FNF,IFP,MTM,OML,PIRM,TBO,TFT), NO EFED CHEM (FNF,IFP,TFT).

Bonham, M., Ghidui, G. M., Hitchner, E., and Rossell, E. (2009). Effect of Seed Treatment, in-Furrow, and Foliar Application of Insecticides on the Carrot Weevil in Processing Carrot. *HortTechnology* 19: 617-619.

EcoReference No.: 153606

Chemical of Concern: DZ,FPN,SS,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DZ,FPN,SS,TMX), NO EFED CHEM (SS,TMX).

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: CEL,MOR; Code: LITE EVAL CODED (DZ,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:

ACP,CBF,CBL,CPY,DM,DMT,DS,DZ,FNT,FNV,HCCH,MLN,MXC,PHSL,PMR,PPCP,PSM,RSM,TCF; Habitat: T; Effect Codes: ACC,MOR,POP; Code: LITE EVAL CODED (ACP,CBF,CBL,CPY,DM,DMT,DS,DZ,FNT,FNV,MLN,PMR,PSM,RSM,TCF), NO EFED CHEM (HCCH,MXC,PHSL,PPCP).

Brun, L. O., Marcillaud, C., Gaudichon, V., and Suckling, D. M. (1994). Cross Resistance Between Insecticides in Coffee Berry Borer, *Hypothenemus hampei* (Coleoptera: Scolytidae) from New Caledonia. *Bull. Entomol. Res.* 84: 175-178.

EcoReference No.: 63401

Chemical of Concern: ABM,AND,CBL,CPY,DLD,DZ,ES,FNT,MLN,PIRM,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ABM,CBL,CPY,DZ,ES,FNT,MLN,PIRM), NO EFED CHEM (AND,DLD), NO MIXTURE (PPB,TBF).

Brunner, J. F. and Doerr, M. D. (1995). Bioassay, Effect of Commonly Applied Pesticides on *C. florus* in North Central Washington, 1994. *Arthropod Manag. Tests* 20: 337-338 (18L).

EcoReference No.: 110863

Chemical of Concern:

ABM,AMZ,AZ,CBL,CPY,DFZ,DMR,DMT,DZ,EFV,ES,FBOX,FTTCl,FYC,IMC,MDT,MFZ,MP,OML,PMR,PPG,PSM,TUZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ABM,AMZ,AZ,CBL,CPY,DFZ,DMT,DZ,EFV,ES,FBOX,FTTCl,FYC,IMC,MDT,MFZ,MP,OML,PMR,PPG,PSM,TUZ).

Brunner, J. F. and Doerr, M. D. (1995). Bioassay, Effect of Commonly Applied Pesticides on *T. platneri* in North Central Washington, 1994. *Arthropod Manag. Tests* 20: 339-340 (19L).

EcoReference No.: 110866

Chemical of Concern:

ABM,AMZ,AZ,CBL,CPY,DFZ,DMT,DZ,EFV,ES,FBOX,FTTCl,FYC,IMC,MDT,MP,OML,PMR,PPG,PS
M,TUZ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED
(ABM,AMZ,AZ,CBL,CPY,DFZ,DMT,DZ,EFV,ES,FBOX,FTTCl,FYC,IMC,MDT,MP,OML,PMR,PPG,P
SM,TUZ).

Bustos-Obregon, E. and Vargas, A. (2010). Chronic Toxicity Bioassay with Populations of the Crustacean *Artemia salina* Exposed to the Organophosphate Diazinon. *Biol. Res.* 43: 357-362.

EcoReference No.: 153647

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

Campbell, C. D. and Hutchison, W. D. (1994). Timing of Insecticides for SRA Management in Southern Minnesota, 1993. *Arthropod Manag. Tests* 19: 276-277 (140F).

EcoReference No.: 106252

Chemical of Concern: CPY,DZ,PRT,TBO; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED (DZ), OK (CPY,PRT,TBO).

Casas, E., Bonilla, E., Ducolomb, Y., and Betancourt, M. (2010). Differential Effects of Herbicides Atrazine and Fenoxaprop-Ethyl, and Insecticides Diazinon and Malathion, on Viability and Maturation of Porcine Oocytes In Vitro. *Toxicol. In Vitro* 24: 224-230.

EcoReference No.: 121217

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

Chang, V. (1988). Toxic Baiting of the Western Yellowjacket (Hymenoptera: Vespidae) in Hawaii. *J. Econ. Entomol.* 81: 228-235.

EcoReference No.: 153536

Chemical of Concern: ABM,BRA3,DZ,FYC,HMN; Habitat: T; Effect Codes: BEH,POP; Code:
LITE EVAL CODED (ABM,BRA3,DZ,FYC,HMN), NO EFED CHEM (HMN).

Chappel, M. J. (2001). Evaluation of the Toxicity of Pesticide Mixtures to Fathead Minnows (*Pimephales promelas*) Using Probabilistic Ecological Risk Assessment and Toxic Equivalent Techniques. *M.S.Thesis, Univ.of Guelph, Ontario, Canada* 223 p. (UMI# MQ65913).

EcoReference No.: 111434

Chemical of Concern: AZ,CPY,DZ,ES,ES1,TFN; Habitat: A; Effect Codes: BCM,MOR; Code:
LITE EVAL CODED (AZ,CPY,DZ,ES,TFN).

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:

ACP,AMZ,AND,AZ,BDC,CPY,DZ,ES,ETN,FNV,FVL,IFP,MDT,MLN,MOM,NTZ,OML,PHSL,PMR,PS
M,SPS,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED
(ACP,CPY,ES,FNV,PMR), NO EFED CHEM (AND,BDC,ETN,IFP,PHSL,SPS).

Chio, H., Chang, C. S., Metcalf, R. L., and Shaw, J. (1978). Susceptibility of Four Species of Diabrotica to Insecticides. *J. Econ. Entomol.* 71: 389-393.

EcoReference No.: 63297

Chemical of Concern: AND,CBF,CBL,CPY,DDT,DZ,FNF,HPT,MLN,MXC,PMR,PRT,TBO; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBF,CBL,CPY,DZ,MLN,PMR,PRT,TBO), NO EFED CHEM (AND,DDT,FNF,HPT,MXC).

Choi, J. Y., Yu, J., Yang, D. B., Ra, K., Kim, K. T., Hong, G. H., and Shin, K. H. (2011). Acetylthiocholine (ATC) - Cleaving Cholinesterase (ChE) Activity as a Potential Biomarker of Pesticide Exposure in the Manila Clam, *Ruditapes philippinarum*, of Korea. *Mar. Environ. Res.* 71: 162-168.

EcoReference No.: 153573

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

Cobos, V. M., Mora, M. A., Escalona, G., Calme, S., and Jimenez, J. (2010). Variation in Plasma Cholinesterase Activity in the Clay-Colored Robin (*Turdus grayi*) in Relation to Time of Day, Season, and Diazinon Exposure. *Ecotoxicology* 19: 267-272 .

EcoReference No.: 150310

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

Couillard, C. M., Lebeuf, M., Legare, B., and Trottier, S. (2008). Effects of Diazinon on Mummichog (*Fundulus heteroclitus*) Larvae Produced from Eggs Differentially Treated with PCB126. *Arch. Environ. Contam. Toxicol.* 54: 283-291.

EcoReference No.: 153735

Chemical of Concern: DZ,PCB; Habitat: A; Effect Codes: BCM,GRO,MOR; Code: LITE EVAL CODED (DZ,PCB), NO EFED CHEM (PCB).

Craven, B. R. and Steelman, C. D. (1968). Studies on a Biological and a Chemical Method of Controlling the Dark Rice Field Mosquito in Louisiana. *J. Econ. Entomol.* 61: 1333-1336.

EcoReference No.: 48426

Chemical of Concern: AND,CBF,CPY,DZ,FNTH,MLN,Naled,PPN,THM,TMP; Habitat: A; Effect Codes: ACC,POP; Code: LITE EVAL CODED (CBF,CPY,DZ,FNTH,MLN,Naled,TMP), NO EFED CHEM (AND,FNTH), NO ENDPOINT (PPN), NO MIXTURE (AND,THM).

Davies, D. B. and Holub, B. J. (1980). Toxicological Evaluation of Dietary Diazinon in the Rat. *Arch. Environ. Contam. Toxicol.* 9: 637-650.

EcoReference No.: 118944

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

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:

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

De Jong Westman, A., Elliott, J., Cheng, K., Van Aggelen, G., and Bishop, C. A. (2010). Effects of Environmentally Relevant Concentrations of Endosulfan, Azinphosmethyl, and Diazinon on Great Basin Spadefoot (*Spea intermontana*) and Pacific Treefrog (*Pseudacris regilla*). *Environ. Toxicol. Chem.* 29: 1604-1612.

EcoReference No.: 153563

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

DePew, L. J. (1967). Field Studies on Control of Lygus Bugs and Onion Thrips Infesting Safflower. *J. Econ. Entomol.* 60: 1224-1226.

EcoReference No.: 91397

Chemical of Concern: AZ,CBL,DLD,DMT,DZ,ES,FNTH,Naled,PPHD,TCF; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY (AZ), LITE EVAL CODED (DMT,DZ,ES,Naled,TCF), NO EFED CHEM (DLD,FNTH,PPHD), TARGET (CBL).

Draughon, F. A. and Ayres, J. C. (1981). Inhibition of Aflatoxin Production by Selected Insecticides. *Appl. Environ. Microbiol.* 41: 972-976.

EcoReference No.: 91569

Chemical of Concern: CBL,DDVP,DZ,MLN,MXC,Naled; Habitat: T; Effect Codes: BCM,POP; Code: LITE EVAL CODED (CBL,DDVP,DZ,MLN,Naled), NO EFED CHEM (MXC).

Ducolomb, Y., Casas, E., Valdez, A., Gonzalez, G., Altamirano-Lozano, M., and Betancourt, M. (2009). In Vitro Effect of Malathion and Diazinon on Oocytes Fertilization and Embryo Development in Porcine. *Cell Biol. Toxicol.* 25: 623-633.

EcoReference No.: 121218

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

Edelson, J. V. and Peters, M. (1997). Control of Lepidopterous Pests on Collards, 1996. *Arthropod Manag. Tests* 22: 119-(39E).

EcoReference No.: 92317

Chemical of Concern: CBL,CPY,CYT,DMT,DZ,ES,FPN,IMC,LCYT,MXC,PMR,PMZ,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL,CPY,CYT,DMT,DZ,ES,FPN,IMC,LCYT,PMR,TDC), NO EFED CHEM (MXC,PMZ).

Egyed, M. N., Malkinson, M., Eilat, A., and Shlosberg, A. (1974). Basudin (Diazinon) Poisoning in Goslings. *Refuah Veterin.* 31: 22-26.

EcoReference No.: 153755

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

El-Sherif, M. S., Ahmed, M. T., El-Danasoury, M. A., and El-Nwishy, N. H. K. (2009). Evaluation of Diazinon Toxicity on Nile Tilapia Fish (*O. niloticus*). *J. Fish. Aquat. Sci.* 4: 169-177.

EcoReference No.: 120740

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

Elnwishy, N. H., Ahmed, M. T., El-Sherif, M. S., and El-Hameed, M. A. (2007). The Effect of Diazinon on Glutathine and Acetylcholinesterase in Tilapia (*Oreochromis niloticus*). *J. Agric. Soc. Sci.* 3: 52-54.

EcoReference No.: 120739

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

Ezemonye, L. and Tongo, I. (2010). Sublethal Effects of Endosulfan and Diazinon Pesticides on Glutathione-S-Transferase (GST) in Various Tissues of Adult Amphibians (*Bufo regularis*). *Chemosphere* 81: 214-217.

EcoReference No.: 153575

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

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:

ADC,CHX,DCF,DDVP,DIE,DMZ,DZ,EPH,ES,FBOX,MLN,MOM,OML,PPG,RSM; Habitat: T;

Effect Codes: GRO,PHY,POP; Code: LITE EVAL CODED

(ADC,CHX,DCF,DDVP,DIE,DMZ,DZ,EPH,ES,FBOX,MLN,MOM,OML,PPG,RSM), NO EFED CHEM (CHX,DIE).

Gartenstein, S., Quinnell, R. G., and Larkum, A. W. D. (2006). Toxicity Effects of Diflubenzuron, Cypermethrin and Diazinon on the Development of *Artemia salina* and *Heliocidaris tuberculata*. *Australas. J. Ecotoxicol.* 12: 83-90.

EcoReference No.: 110161

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

Gaworecki, K. M., Roberts, A. P., Ellis, N., Sowers, A. D., and Klaine, S. J. (2009). Biochemical and Behavioral Effects of Diazinon Exposure in Hybrid Striped Bass. *Environ. Toxicol. Chem.* 28: 105-112.

EcoReference No.: 115405

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

Geraldi, P. A., Delgado-Garcia, J. M., and Gruart, A. (2008). Acute and Repeated Effects of Three Organophosphorus Pesticides on the Acquisition and Retention of an Instrumental Learning Task in Rats. *Neurotox. Res.* 13: 253-263.

EcoReference No.: 153607

Chemical of Concern: DZ,FNT,MLN; Habitat: T; Effect Codes: BEH; Code: LITE EVAL CODED (DZ,FNT,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: BDC,CBF,CPY,DDVP,DM,DMT,DZ,FNV,MLN,PMR,PPX,TVP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBF,CPY,DDVP,DM,DMT,DZ,FNV,MLN,PMR,PPX,TVP), NO EFED CHEM (BDC).

Giron-Perez, M. I., Velazquez-Fernandez, J., Diaz-Resendiz, K., Diaz-Salas, F., Canto-Montero, C., Medina-Diaz, I., Robledo-Marenco, M., Rojas-Garcia, A., and Zaitseva, G. (2009). Immunologic Parameters Evaluations in Nile Tilapia (*Oreochromis niloticus*) Exposed to Sublethal Concentrations of Diazinon. *Fish Shellfish Immunol.* 27: 383-385.

EcoReference No.: 120751

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

Giron-Perez, M. I., Zaitseva, G., Casas-Solis, J., and Santerre, A. (2008). Effects of Diazinon and Diazoxon on the Lymphoproliferation Rate of Splenocytes from Nile Tilapia (*Oreochromis niloticus*): The Immunosuppressive Effect Could Involve an Increase in Acetylcholine Levels. *Fish Shellfish Immunol.* 25: 517-521.

EcoReference No.: 121123

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

Goodwin, S. (1984). Laboratory Evaluation of Pesticides on an Australian Strain of the Chilean Predatory Mite, *Phytoseiulus persimilis* Athias-Henriot. In: D.A.Griffiths and C.E.Bowman (Eds.), *Acarology VI*, Vol. 2, Ellis Horwood, Chichester, UK 2: 647-654.

EcoReference No.: 94828

Chemical of Concern:

AZ,BMY,BTN,CHX,CPY,CTZ,Captan,DCF,DIE,DMT,DZ,ES,FBOX,FNV,FO,IPD,MDT,MLN,MZB,OTQ,OXO,PIM,PMR,PPG,SFR,TCF,TDF,TFR,VCZ; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED (AZ,BMY,CPY,CTZ,Captan,DCF,DMT,DZ,ES,FBOX,FNV,IPD,MDT,MLN,MZB,PIM,PMR,PPG,SFR,TDF,TFR,VCZ), NO EFED CHEM (BTN,CHX,DIE,OTQ,OXO).

Gupta, B. P., Joshi, N. K., Joshi, K. C., and Joshi, R. C. (1981). Evaluation of Some Insecticides Against the Larvae of *Malacosoma indica* Wlk. *Indian J. Agric. Res.* 15: 95-98.

EcoReference No.: 62382

Chemical of Concern: CPY,DDVP,DZ,ES,FNT,MP,PHSL,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CPY,DDVP,DZ,ES,FNT,MP,PMR), NO EFED CHEM (PHSL).

Hariri, A. T., Moallem, S. A., Mahmoudi, M., Memar, B., and Hosseinzadeh, H. (2010). Sub-Acute Effects of Diazinon on Biochemical Indices and Specific Biomarkers in Rats: Protective Effects of Crocin and Safranal. *Food Chem. Toxicol.* 48: 2803-2808.

EcoReference No.: 153559

Chemical of Concern: ATP,DZ,PPCP; Habitat: T; Effect Codes: BCM; Code: LITE EVAL CODED (ATP,DZ,PPCP), NO EFED CHEM (ATP,PPCP), NO EXP TYPE (ATP,PPCP).

Henzell, R. F., Skinner, R. A., and Clements, R. O. (1983). Insecticides for Control of Adult Grass Grub, *Costelytra zealandica* (White) V. Screening and Behaviour of Insecticides in Soil Bioassays. *N. Z. J. Agric. Res.* 26: 129-133.

EcoReference No.: 79045

Chemical of Concern:

ADC,AZ,AZM,CBF,CBL,CBX,CHD,CPY,CPYM,CYP,DCTP,DDT,DDVP,DM,DMT,DS,DZ,DZM,EP,ES,ETN,FMP,FNF,FNT,FNTH,FNV,FYT,HCCH,IFP,IZF,MCB,MDT,MLN,MOM,MTM,MVP,MXC,NAPH,NCTN,OML,PFF,PIM,PIRE,PMR,PPCP,PPX,PRT,PSM,TBO,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ADC,AZ,CBF,CBL,CBX,CPY,CPYM,CYP,DCTP,DDVP,DM,DMT,DS,DZ,DZM,EP,ES,FMP,FNT,FNV,MCB,MDT,MLN,MOM,MVP,NAPH,NCTN,OML,PFF,PIM,PIRE,PMR,PPX,PRT,PSM,TBO,TCF), NO EFED CHEM (AZM,CHD,DDT,ETN,FNF,FNTH,FYT,HCCH,IFP,IZF,MXC,PPCP), NO ENDPOINT (MTM).

Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *Fish and Wildlife Technical Report 2*, Fish and Wildlife Service, U.S. Department of the

Interior 147 p.

EcoReference No.: 50181

Chemical of Concern:

24D,24DB,24DXY,ACP,ADC,AMSV,AMTL,AND,ARM,ATN,ATZ,AZ,BMC,BMN,BMY,CBF,CBL,CHD,CMPH,CPY,CPYM,Captan,CdCl,CrS,DBN,DCF,DCTP,DDE,DDT,DDVP,DEM,DFPM,DINO,DLD,DMB,DMDP,DMT,DQTBBr,DS,DU,DZ,EN,EP,EPRN,ES,ETN,FMP,FNF,FNT,FNTH,FTTCl,GYPi,HCCH,HPT,HgCl₂,IFP,K₂Cr₂O₇,LNR,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MRX,MSMA,MTAS,MTM,MVP,MXC,Maneb,Nabam,Naled,NiS,OXD,PCB,PCL,PCP,PHSL,PMR,PPB,PPCP,PPHD,PPN,PPX,PQT,PRN,PRT,PSM,PYN,PbN,RSM,RTN,SPS,STAR,SZ,TBO,TCF,TEPP,TFN,THM,TMP,TVMP,TVP,TXP,Zineb,Ziram,ZnP; Habitat: T; Effect Codes: BEH,MOR; Code: LITE EVAL CODED (24D,24DB,24DXY,ACP,ADC,AMSV,AMTL,ARM,ATN,ATZ,AZ,BMC,BMY,CBF,CBL,CMPH,CPY,CPYM,Captan,DBN,DCF,DCTP,DDVP,DMB,DMDP,DMT,DQTBBr,DS,DU,DZ,EP,ES,FMP,FNT,FTTCl,GYPi,LNR,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MTAS,MTM,MVP,Maneb,Naled,OXD,PCP,PMR,PPB,PPN,PPX,PQT,PRT,PSM,RSM,RTN,STAR,SZ,TBO,TCF,TFN,THM,TMP,TVP,Ziram,ZnP), NO EFED CHEM (AND,BMN,CHD,CdCl,CrS,DDE,DDT,DEM,DFPM,DINO,DLD,EN,EPRN,ETN,FNF,FNTH,HCCH,HPT,HgCl₂,IFP,K₂Cr₂O₇,MRX,MSMA,MXC,Nabam,NiS,PCB,PCL,PHSL,PPCP,PPHD,PRN,PYN,PbN,SPS,TXP,Zineb).

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

Huddleston, E. W., Ward, C. R., and Parodi, R. A. (1972). Chemical Control of *Astylus astromaculatus* Attacking Grain Sorghum in Argentina. *J. Econ. Entomol.* 65: 892-894.

EcoReference No.: 114803

Chemical of Concern: CBL,DCTP,DDT,DZ,EN,MP,PSM,TXP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL,DCTP,DDT,DZ,EN,MP,PSM,TXP), NO EFED CHEM (DDT,EN,TXP).

Hudson, R. H., Tucker, R. K., and Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resource Publication 153, Fish and Wildlife Service, U.S. Department of the Interior* 90 p. Second Edition//.

EcoReference No.: 50386

Chemical of Concern:

24D,24DXY,4AP,ACL,ACP,ACR,ADC,AMTL,AND,ANZ,ATN,ATZ,AZ,AsO₃Na,BFL,BTY,CBF,CBL,CCA,CHD,CMPH,CPY,CPYM,CQTC,CZE,Captan,DBN,DCF,DCNA,DCTP,DDT,DDVP,DEM,DFZ,DLD,DMT,DQTBBr,DS,DU,DXN,DZ,EDT,EN,EP,EPRN,ES,ETN,FBOX,FMP,FMU,FNF,FNT,FNTH,FOLpet,HCCH,HPT,MCB,MDT,MLN,MOM,MP,MRX,MTM,MTPN,MVP,MXC,NaFA,Nabam,Naled,OXD,PCB,PCL,PCP,PIRM,PNB,PPCP,PPHD,PPX,PQT,PRN,PRT,PSM,PYN,RSM,RTN,STAR,STCH,T1,TBF,TBZ,TCDD,TCF,TFN,THM,TMP,TVPM,TXP,TZL,Zineb,ZnP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (24D,24DXY,4AP,ACL,ACP,ACR,ADC,AMTL,ATN,ATZ,AZ,BFL,BTY,CBF,CBL,CMPH,CPY,CPYM,CQTC,Captan,DBN,DCF,DCNA,DCTP,DDVP,DFZ,DMT,DQTBBr,DS,DU,DZ,EP,ES,FBOX,FMP,FNT,Folpet,MCB,MDT,MLN,MOM,MP,MTM,MTPN,MVP,Naled,OXD,PCP,PIRM,PNB,PPX,PQT,PRT,PSM,RSM,RTN,STAR,STCH,TBF,TBZ,TCF,TFN,THM,TMP,TVPM,ZnP), NO EFED CHEM (AND,ANZ,AsO₃Na,CCA,CHD,CZE,DDT,DEM,DLD,DXN,EDT,EN,EPRN,ETN,FMU,FNF,FNTH,HCCH,HPT,MRX,MXC,NaFA,Nabam,PCB,PCL,PPCP,PPHD,PRN,PYN,TCDD,TXP,TZL,Zineb).

Isik, I. and Celik, I. (2008). Acute Effects of Methyl Parathion and Diazinon as Inducers for Oxidative Stress on Certain Biomarkers in Various Tissues of Rainbowtrout (*Oncorhynchus mykiss*). *Pestic. Biochem. Physiol.* 92: 38-42.

EcoReference No.: 111770

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

James, D. G. and Rayner, M. (1995). Toxicity of Viticultural Pesticides to the Predatory Mites *Amblyseius victoriensis* and *Typhlodromus dorenae*. *Plant Prot. Q.* 10: 99-102.

EcoReference No.: 67984

Chemical of Concern:

AZ,BMY,CBD,CBL,CPY,CTN,CaPS,CuOH,DCF,DMT,DZ,ES,FRM,IPD,MDT,MLN,MZB,PCZ,SFR,TD M,THM,VCZ,Zineb,Ziram; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AZ,BMY,CBD,CBL,CPY,CTN,CaPS,CuOH,DCF,DMT,DZ,ES,FRM,IPD,MDT,MLN,MZB,PCZ,PPCP, SFR,THM,VCZ,Ziram), NO EFED CHEM (TDM,Zineb), TARGET (AZ,CBL,CPY,CaPS,DCF,DMT,DZ,ES,MDT,MLN,SFR).

Jemec, A., Tisler, T., Drobne, D., Sepcic, K., Fournier, D., and Trebse, P. (2007). Comparative Toxicity of Imidacloprid, of Its Commercial Liquid Formulation and of Diazinon to a Non-Target Arthropod, the Microcrustacean *Daphnia magna*. *Chemosphere* 68: 1408-1418.

EcoReference No.: 100844

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

Johansen, C. and Eves, J. (1967). Toxicity of Insecticides to the Alkali Bee and the Alfalfa Leafcutting Bee. *Wash.Agric.Exp.Stn.Circ.* 475 15 p.

EcoReference No.: 57089

Chemical of Concern:

ARM,CBL,DCF,DCTP,DDT,DEM,DMT,DZ,EPRN,ES,ETN,MLN,MVP,MXC,Naled,OXD,PPHD,PRN,T CF,TMP,TXP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ARM,CBL,DMT,DZ,ES,MLN,MVP,Naled,TCF,TMP), NO EFED CHEM (DDT,DEM,EPRN,ETN,MXC,PPHD,PRN,TXP), OK (DCF,DCTP,OXD).

Jones, G. D. G. and Connell, J. U. (1954). Studies of the Toxicity to Worker Honey-Bees (*Apis mellifera* L.) of Certain Chemicals Used in Plant Protection. *Ann. Appl. Biol.* 41: 271-279.

EcoReference No.: 64839

Chemical of Concern: AND,CHD,DLD,DZ,EPRN,MCPANa,NaDPA,PRN,TXP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AND,CHD,DLD,DZ,EPRN,MCPANa,NaDPA,PRN,TXP), NO EFED CHEM (AND,CHD,DLD,EPRN,MCPANa,PRN,TXP) .

Kay, I. R. and Brown, J. D. (1992). Insecticidal Control of Eggfruit Caterpillar *Sceliodes cordalis* (Doubleday) (Lepidoptera: Pyralidae) in Eggplant. *Plant Prot. Q.* 7: 178-179.

EcoReference No.: 153343

Chemical of Concern: DZ,EFV,ES,FNTH,FVL,MDT,MOM,MTM,MVP,SPS,TDC; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (DZ,EFV,ES,FVL,MDT,MOM,MTM,MVP,TDC), NO EFED CHEM (FNTH,SPS).

Keramati, V., Jamili, S., and Ramin, M. (2010). Effect of Diazinon on Catalase Antioxidant Enzyme Activity in Liver Tissue of *Rutilus rutilus*. *J. Fish. Aquat. Sci.* 5: 368-376.

EcoReference No.: 153739

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

Kerby, J. L. (2006). Pesticide Effects on Amphibians: A Community Ecology Perspective. *Ph.D.Thesis, Univ.of California, Davis, CA* 146 p. (UMI# 3250810).

EcoReference No.: 118706

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

Khoshbavar Rostami, H. A., Soltani, M., and Hassan, M. D. (2006). Some Hematological and Biochemical Changes in Blood Serum of Beluga (Huso huso) After Chronic Exposure to Diazinon. *Iran. J. Fish. Sci.* 5: 53-66.

EcoReference No.: 120893

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

Kindler, S. D., Manglitz, G. R., and Schalk, J. M. (1968). Insecticides for Control of Insects Attacking Alfalfa Seed in Eastern Nebraska. *J. Econ. Entomol.* 61: 1636-1639.

EcoReference No.: 50972

Chemical of Concern: DDT,DMT,DS,DZ,EN,ES,ETN,MDT,MXC,PPX,TCF,TXP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DDT,DMT,DS,DZ,EN,ES,ETN,MDT,PPX,TCF,TXP), NO EFED CHEM (DDT,EN,ETN,MXC,TXP), NO MIXTURE (MXC).

Koziol, F. S. and Witkowski, J. F. (1981). Dosage-Mortality Response of the First Three Instars of European Corn Borer (Lepidoptera: Pyralidae) Larvae to Seven Insecticides. *J. Kans. Entomol. Soc.* 54: 327-330.

EcoReference No.: 121199

Chemical of Concern: CBF,CPY,DZ,IFP,PMR,SPS; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBF,CPY,DZ,PMR), NO EFED CHEM (IFP,SPS).

Labanowska, B. H. (1994). Effectiveness of Chemical Control of Strawberry Weevil (Otiorrhynchus spp.) in Strawberry Plantations. *J. Fruit Ornam. Plant Res.* 2: 157-164.

EcoReference No.: 153284

Chemical of Concern: CBF,CPY,DZ,FNF,MOM,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DZ,MTM), NO EFED CHEM (FNF), OK (CPY), TARGET (CBF,MOM).

Lee, D. J. (2004). Population Dynamics of Rhizoctonia Species in Tall Fescue and Creeping Bentgrass in Response to Disease Control Programs. *Ph.D.Thesis, North Carolina State Univ, NC* 100 p. (UMI #3137119).

EcoReference No.: 150982

Chemical of Concern: AZX,CTN,DZ,FSTAL,FTL,IPD,MZB,TEZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (AZX,CTN,DZ,FSTAL,FTL,IPD,MZB,TEZ).

Leite, P. Z., Margarido, T. C. S., De Lima, D., Rossa-Feres, D. D. C., and Alves de Almeida, E. (2010). Esterase Inhibition in Tadpoles of Scinax fuscovarius (Anura, Hylidae) as a Biomarker for Exposure to Organophosphate Pesticides. *Environ. Sci. Pollut. Res.* 17: 1411-1421.

EcoReference No.: 152269

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

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: CBL,DZ,ES,FNV,MLN,MLO,MP,MPO,PHSL,PMR,PPB,SPS,TBF,TPMR;

Habitat: T; Effect Codes: ACC,BCM,MOR; Code: LITE EVAL CODED

(CBL,DZ,ES,FNV,MLN,MP,PMR,TPMR), NO EFED CHEM (PHSL,SPS), NO IN VITRO (MLO,MPO), NO MIXTURE (PPB,TBF).

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:

BRSM,CBL,CPYM,DZ,ES,FNT,FNV,MLN,MP,MPO,PIRM,PMR,PPB,TBF,TPMR; Habitat: T;

Effect Codes: MOR; Code: LITE EVAL CODED

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

Lo, P. L. and Blank, R. H. (1992). Effect of Pesticides on Predation of Soft Wax Scale by the Steel-Blue Ladybird. In: Popay, A.J.(Ed.), *Proceedings of the Forty Fifth New Zealand Plant Protection Conference, New Zealand Plant Protection Society, Christchurch, New Zealand* 99-102.

EcoReference No.: 120808

Chemical of Concern: ALSV,BPZ,CTN,Captan,CuOH,DZ,IPD,MOIL,MZB,SFR,TFR; Habitat: T;

Effect Codes: BEH,MOR; Code: LITE EVAL CODED

(ALSV,CTN,Captan,CuOH,DZ,IPD,MOIL,MZB,SFR,TFR), NO EFED CHEM (BPZ).

Lox, C. D. (1983). Effects of Acute Pesticide Poisoning on Blood Clotting in the Rat. *Ecotoxicol. Environ. Saf.* 7: 451-454.

EcoReference No.: 37756

Chemical of Concern: DZ,MLN; Habitat: T; Effect Codes: BCM,PHY; Code: LITE EVAL CODED (DZ,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: ACP,CBL,CPY,DMT,DZ,FNT,MLN,MXC,PMR,PPX; Habitat: T; Effect Codes: MOR,POP,REP; Code: LITE EVAL CODED (ACP,CBL,CPY,DZ,MLN,PMR,PPX), NO EFED CHEM (MXC), OK (DMT,FNT).

Ma, J., Wang, P., Huang, C., Lu, N., Qin, W., and Wang, Y. (2005). Toxicity of Organophosphorus Insecticides to Three Cyanobacterial and Five Green Algal Species. *Bull. Environ. Contam. Toxicol.* 75: 490-496.

EcoReference No.: 102905

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

Machova, J., Prokes, M., Penaz, M., Barus, V., and Kroupova, H. (2010). Toxicity of Diazinon 60 EC for Embryos and Larvae of Tench, *Tinca tinca* (L.). *Rev. Fish Biol. Fish. (Dordr.)* 20: 409-415.

EcoReference No.: 153576

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

MacKenzie, K. E. and Winston, M. L. (1989). Effects of Sublethal Exposure to Diazinon on Longevity and Temporal Division of Labor in the Honey Bee (Hymenoptera: Apidae). *J. Econ. Entomol.* 82: 75-82.

EcoReference No.: 153540

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

Mahar, A. M. and Watzin, M. C. (2005). Effects of Metal and Organophosphate Mixtures on Ceriodaphnia dubia Survival and Reproduction. *Environ. Toxicol. Chem.* 24: 1579-1586.

EcoReference No.: 83888

Chemical of Concern: CuCl₂,DZ,ZnCl₂; Habitat: A; Effect Codes: MOR,REP; Code: LITE EVAL CODED (DZ,ZnCl₂), NO ENDPOINT (CuCl₂).

Malek-Hoseini, M., Jamili, S., Mashinchian, A., and Noori, M. (2008). Effects of Diazinon on Female Chalcaburnus chalcoides (Cyprinidae) Serum Estradiol Levels. *Toxicol. Environ. Chem.* 90: 107-112.

EcoReference No.: 119167

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

Mani, M. and Krishnamoorthy, A. (1989). Life Cycle, Host Stage Suitability and Pesticide Susceptibility of the Grape Mealybug Parasitoid, Allotropa japonica sp. n. *J. Biol. Control* 3: 7-9.

EcoReference No.: 151190

Chemical of Concern: CAP,CBD,CBL,CPY,DCF,DDVP,DMT,DZ,FNTH,MP,MZB,PHSL,SFR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CAP,CBD,CBL,CPY,DCF,DDVP,DMT,DZ,FNTH,MP,MZB,PHSL,SFR), NO EFED CHEM (FNTH,PHSL), NO ENDPOINT (CAP,CBD,MZB,PHSL,SFR).

Miah, M. A. H. and Islam, M. (1980). Effect of Absorption of Insecticides by Roots on a Few Morphological Characters of the Rice Plant. *Indian J. Agric. Sci.* 50: 61-64.

EcoReference No.: 29481

Chemical of Concern: CBL,DCTP,DZ,HCCH,PPCP; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (CBL,DCTP,DZ,HCCH,PPCP), NO EFED CHEM (HCCH,PPCP).

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: AZ,BMY,CBL,CPY,CYP,DCF,DEM,DMT,DOD,DZ,EPRN,ES,ETN,FBOX,FNV,FVL,HCCH,MDT,MLN,MOM,PHSL,PPCP,PRN,TPTH; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AZ,BMY,CBL,CPY,CYP,DCF,DMT,DOD,DZ,ES,FBOX,FNV,FVL,MLN,MOM), NO EFED CHEM (DEM,EPRN,ETN,HCCH,PHSL,PPCP,PRN,TPTH), NO ENDPOINT (MDT).

Modra, H., Vrskova, D., Macova, S., Kohoutkova, J., Hajslova, J., Haluzova, I., and Svobodova, Z. (2011). Comparison of Diazinon Toxicity to Embryos of Xenopus laevis and Danio rerio; Degradation of Diazinon in Water. *Bull. Environ. Contam. Toxicol.* 86: 601-604.

EcoReference No.: 153564

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

Mohammad, F. K., Al-Badrany, Y. M., and Al-Jobory, M. M. (2008). Acute Toxicity and Cholinesterase Inhibition

in Chicks Dosed Orally with Organophosphate Insecticides. *Arh. Hig. Rada Toksikol.* 59: 145-151.

EcoReference No.: 108322

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

Moon, C. K., Yun, Y. P., Lee, S. H., and Lee, Y. S. (1986). Effects of Some Organophosphate Pesticides on the Murine Immune System Following Subchronic Exposure (I). *Arch. Pharm. Res. (Seoul)* 9: 175-181.

EcoReference No.: 104299

Chemical of Concern: DZ,FNT,FNTH,PCB; Habitat: T; Effect Codes: BCM,CEL,GRO,MOR,PHY; Code: LITE EVAL CODED (DZ,FNT,FNTH,PCB), NO EFED CHEM (FNTH,PCB).

Moore, M. T. and Kroger, R. (2010). Effect of Three Insecticides and Two Herbicides on Rice (*Oryza sativa*) Seedling Germination and Growth. *Arch. Environ. Contam. Toxicol.* 59: 574-581.

EcoReference No.: 153578

Chemical of Concern: ATZ,DZ,FPN,LCYT,MTL; Habitat: A; Effect Codes: GRO,REP; Code: LITE EVAL CODED (ATZ,DZ,FPN,LCYT), NO MIXTURE (MTL).

Mount, M. E. (1984). Measurement of Dialkyl Phosphates in Urine as an Aid to Recognize Exposure to Organophosphate Insecticides . *In: Proc. 27th Annual Meet. - American Association of Veterinary Laboratory Diagnosticians* 383-402.

EcoReference No.: 104021

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

Nahavandi, R., Pourgholam, R., Hassan, M. D., Soltani, M., Ghoroghi, A., and Pourgholam, H. (2006). Chemiluminescent Response of Grass Carp (*Ctenopharyngodon idella*) Following Exposure to Sublethal Concentrations of Diazinon. *Iran. J. Fish. Sci.* 6: 57-68.

EcoReference No.: 121057

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

Norberg-King, T. J. (1987). An Evaluation of the Fathead Minnow Seven-Day Subchronic Test for Estimating Chronic Toxicity. *M.S.Thesis, University of Wyoming, Laramie, WY* 80 p. (PUBL IN PART AS 5313).

EcoReference No.: 17878

Chemical of Concern: AgN,CBL,CPY,DZ,Na2Cr2,ZnS; Habitat: A; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (AgN,CBL,CPY,DZ,Na2Cr2,ZnS).

Norberg-King, T. J. (1989). An Evaluation of the Fathead Minnow Seven-Day Subchronic Test for Estimating Chronic Toxicity. *Environ. Toxicol. Chem.* 8: 1075-1089 (Author Communication Used).

EcoReference No.: 5313

Chemical of Concern: AgN,CBL,CPY,DZ,FNV,Na2Cr2,ZnS; Habitat: A; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (AgN,CBL,CPY,DZ,FNV,Na2Cr2,ZnS).

Okamura, A., Kamijima, M., Ohtani, K., Yamanoshita, O., Nakamura, D., Ito, Y., Miyata, M., Ueyama, J., Suzuki, T., Imai, R., Takagi, K., and Nakajima, T. (2009). Broken Sperm, Cytoplasmic Droplets and Reduced Sperm Motility are Principal Markers of Decreased Sperm Quality Due to Organophosphorus Pesticides in Rats. *J. Occup. Health* 51: 478-487.

EcoReference No.: 153579

Chemical of Concern: DDVP,DZ; Habitat: T; Effect Codes: BCM,CEL,GRO,REP; Code: LITE

EVAL CODED (DDVP,DZ).

Osterauer, R. and Kohler, H. R. (2008). Temperature-Dependent Effects of the Pesticides Thiacloprid and Diazinon on the Embryonic Development of Zebrafish (*Danio rerio*). *Aquat. Toxicol.* 86: 485-494.

EcoReference No.: 100782

Chemical of Concern: DZ,TAP; Habitat: A; Effect Codes: GRO,MOR,PHY; Code: LITE EVAL CODED (DZ), NO EFED CHEM (TAP).

Overmyer, J. P., Smith, P. F., Kellock, K. A., Kwon, J. W., and Armbrust, K. L. (2010). Assessment of the Toxicological Interaction of Sertraline with Cholinesterase Inhibiting Insecticides in Aquatic Insects Using the Black Fly, *Simulium vittatum* IS-7. *Environ. Toxicol.* 25: 28-37.

EcoReference No.: 152234

Chemical of Concern: CBL,DZ,PPCP,SRL; Habitat: A; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (CBL,DZ,PPCP,SRL), NO EFED CHEM (PPCP,SRL).

Padash-Barmchi, Z., Safahieh, A., Bahmani, M., Savari, A., and Kazemi, R. (2010). Immune Responses and Behavior Alterations of Persian Sturgeon Fingerlings *Acipenser persicus* Exposed to Sublethal Concentrations of Diazinon. *Toxicol. Environ. Chem.* 92: 159-167.

EcoReference No.: 153738

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

Palm, R. C. Jr. and Powell, D. B. (2010). Alarm Substance Recognition and Predator Avoidance by Chinook Salmon (*Oncorhynchus tshawytscha*) Following Exposure to an Organophosphate Pesticide. *Environ. Toxicol. Chem.* 29: 1113-1122.

EcoReference No.: 153566

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

Pereira Tridico, C., Ferreira Rodrigues, A. C., Nogueira, L., Da Silva, D. C., Benedito Moreira, A., and De Almeida, E. A. (2010). Biochemical Biomarkers in *Oreochromis niloticus* Exposed to Mixtures of Benzo[a]pyrene and Diazinon. *Ecotoxicol. Environ. Saf.* 73: 858-863.

EcoReference No.: 153569

Chemical of Concern: BAP,DZ; Habitat: A; Effect Codes: ACC,BCM; Code: LITE EVAL CODED (BAP,DZ), NO EFED CHEM (BAP).

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:

12DPA,24DXY,ACAC,ACY,AMTR,ATZ,AZ,CIT,CN,Cd,CdCl,ClO2,CrO3,CuNP,CuS,DBN,DDT,DLD,DMDP,DMT,DPDP,DQT,DQTBr,DZ,EGY,EPRN,ES,FMA,FML,HCCH,HCL,Halides,HgCl2,KCN,MCPANa,MLN,MOL,Maneb,NYP,NaCl,NaOH,NiS,PAQT,PCB,PL,PPCP,PQT,PRN,Pb,PbN,SFL,SUA,SZ,TEAM,Tl; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (ATZ,AZ,CrO3,CuS,DMT,DZ,SZ), NO CONTROL (12DPA,24DXY,ACAC,CIT,CN,CuNP,DBN,DMDP,DPDP,DQT,DQTBr,ES,HCL,Halides,KCN,MLN,MOL,Maneb,NaCl,NaOH,PAQT,PQT,SFL,SUA), NO EFED CHEM (ACY,AMTR,Cd,CdCl,ClO2,DDT,DLD,EGY,EPRN,FMA,FML,HCCH,HgCl2,MCPANa,NYP,NiS,PCB,PL,PPCP,PRN,Pb,PbN,TEAM,Tl), NO ENDPOINT (12DPA,ACAC,CIT,CuNP,DBN,DMDP,DPDP,DQT,ES,HCL,Halides,KCN,MLN,MOL,Maneb,NaCl,NaOH,PAQT,SFL,SUA) .

Pourgholam, R., Soltani, M., Hassan, M. D., Ghoroghi, A., Nahavandi, R., and Pourgholam, H. (2006). Determination of Diazinon LC50 in Grass Carp (*Ctenopharyngodon idella*) and the Effect of Sublethal Concentration of Toxin on Some Hematological and Biochemical Indices. *Iran. J. Fish. Sci.* 5: 67-82.

EcoReference No.: 120888

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

Pridgeon, J. W., Becnel, J. J., Clark, G. G., and Linthicum, K. J. (2009). A High-Throughput Screening Method to Identify Potential Pesticides for Mosquito Control. *J. Med. Entomol.* 46: 335-341.

EcoReference No.: 116328

Chemical of Concern:

ABM,AMZ,BFZ,CBL,CFP,CHX,DCF,DZ,FPN,HMN,IDC,IMC,PMR,PPG,PRB,SS; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED (ABM,AMZ,CBL,CFP,DCF,DZ,FPN,IMC,PMR,PPG,PRB), NO EFED CHEM (BFZ,CHX,HMN,IDC,SS).

Reinert, J. A. and Maranz, S. J. (1996). Evaluation of Deltamethrin Granules for Individual Mound Control of Red Imported Fire Ant in Residential Landscapes, 1995. *Arthropod Manag. Tests* 21: 368-(81G).

EcoReference No.: 109841

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

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

EcoReference No.: 114296

Chemical of Concern: 24D,24DXY,ACO,ATZ,CBL,CPY,DZ,ES,ETHN,GYP,MLN,MTL; Habitat: A; Effect Codes: GRO,MOR,POP; Code: LITE EVAL CODED (24D,24DXY,ATZ,CBL,CPY,DZ,ES,ETHN,GYP,MLN,MTL), NO EFED CHEM (ACO).

Royer, T. A., Edelson, J. V., and Cartwright, B. (1987). Worm Control on Cabbage, 1985. *Insectic. Acaric. Tests* 12: 103-104 (109).

EcoReference No.: 88726

Chemical of Concern:

AZ,CBL,CPY,CYF,DMT,DZ,EFV,ES,FVL,MLN,MOM,MP,MTM,MVP,MXC,Naled,OXD,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (AZ,CBL,CPY,CYF,DMT,DZ,EFV,ES,FVL,MLN,MOM,MP,MTM,MVP,MXC,Naled,OXD,PMR), NO EFED CHEM (MXC).

Ruppel, R. F. and Laughlin, C. W. (1977). Toxicity of Some Soil Pesticides to Earthworms. *J. Kans. Entomol. Soc.* 50: 113-118.

EcoReference No.: 38599

Chemical of Concern:

ADC,CBF,CHD,CPY,DFZ,DS,DZ,EP,FMP,FNF,IFP,IZF,MOM,OML,PHSL,PPX,PRT,TBO; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (ADC,CBF,CPY,DFZ,DS,DZ,EP,FMP,MOM,OML,PPX,PRT,TBO), NO EFED CHEM (CHD,FNF,IFP,IZF,PHSL).

Samsøe-Petersen, L. (1993). Effects of 45 Insecticides, Acaricides and Molluscicides on the Rove Beetle *Aleochara bilineata* (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 38: 371-382.

EcoReference No.: 63489

Chemical of Concern:

ACP,AMZ,AZ,BPZ,CBL,CPY,CTZ,CYF,CYP,CYR,DFZ,DM,DMT,DZ,FNT,FPP,FVL,FYC,HTX,KSP,L
CYT,MAL,MCB,MTM,MVP,OML,OTQ,PIM,PMR,PPHD,PSM,THO; Habitat: T; Effect Codes:
MOR,REP; Code: LITE EVAL CODED
(CBL,CPY,CTZ,CYF,CYP,CYR,DFZ,DMT,DZ,FPP,FVL,FYC,HTX,KSP,LCYT,MAL,MCB,MTM,MVP
,OML,PIM,PMR,PSM), NO EFED CHEM (BPZ,OTQ,PPHD,THO), NO PUBL AS
(ACP,AMZ,AZ,DM,FNT), TARGET (ACP,AMZ,AZ,DM,FNT).

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: DDT,DZ,HCCH,MLN,PPCP; Habitat: T; Effect Codes: MOR,REP; Code:
LITE EVAL CODED (DZ,MLN), NO EFED CHEM (DDT,HCCH,PPCP).

Scheil, V., Kienle, C., Osterauer, R., Gerhardt, A., and Kohler, H. R. (2009). Effects of 3,4-Dichloroaniline and Diazinon on Different Biological Organisation Levels of Zebrafish (*Danio rerio*) Embryos and Larvae. *Ecotoxicology* 18: 355-363.

EcoReference No.: 119392

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

Schlinke, J. C. (1970). Toxicologic Effects of Five Soil Nematocides in Chickens. *Am. J. Vet. Res.* 31: 1119-1121.

EcoReference No.: 108633

Chemical of Concern: ADC,DZ,EDB,EP; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL
CODED (ADC,DZ,EP), NO EFED CHEM (EDB).

Scott, I. M., Gagnon, N., Lesage, L., Philogene, B. J. R., and Arnason, J. T. (2005). Efficacy of Botanical Insecticides from Piper Species (Piperaceae) Extracts for Control of European Chafer (Coleoptera: Scarabaeidae). *J. Econ. Entomol.* 98: 845-855.

EcoReference No.: 107540

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

Shah, M. D. and Iqbal, M. (2010). Diazinon-Induced Oxidative Stress and Renal Dysfunction in Rats. *Food Chem. Toxicol.* 48: 3345-3353.

EcoReference No.: 153581

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

Sherman, M. and Sanchez, F. F. (1968). Further Studies on the Toxicity of Insecticides and Acaricides to the Papaya. *Hawaii Agric.Exp.Stn.Tech.Bull.* 74: 5-63.

EcoReference No.: 25114

Chemical of Concern:

ADC,ALSV,AZ,CBL,DCF,DCTP,DDVP,DIE,DMT,DZ,ES,FNT,MCB,MOIL,MVP,Naled,OTQ,OXD,PP
HD,PSM,TCF; Habitat: T; Effect Codes: CEL,GRO,MOR,PHY; Code: LITE EVAL CODED
(ADC,ALSV,AZ,CBL,DCF,DCTP,DDVP,DMT,DZ,ES,FNT,MCB,MOIL,MVP,Naled,OXD,PSM,TCF),
NO EFED CHEM (DIE,OTQ,PPHD).

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: AND,ARM,DDT,DEM,DLD,DZ,EPRN,HPT,MLN,OXD,PRN,SFR ; Habitat: T; Effect Codes: GRO,PHY; Code: LITE EVAL CODED (DZ,MLN,SFR), NO EFED CHEM (AND,DDT,DEM,DLD,EPRN,HPT,PRN), OK (ARM,OXD).

Shlosberg, A., Bellaiche, M., Hanji, V., and Ershov, E. (1996). Treatment of Anticholinesterase Toxicoses in Birds. *Isr. J. Vet. Med.* 51: 129.

EcoReference No.: 74345

Chemical of Concern: DZ,MOM; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED (DZ,MOM), NO CONTROL (MOM).

Shure, D. J. (1971). Insecticide Effects on Early Succession in an Old Field Ecosystem. *Ecology* 52: 271-279.

EcoReference No.: 112377

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

Singh, B. P. and Agarwal, V. K. (1993). Effect of Fungicidal Seed Treatment and Rhizobium Inoculation on Nodulation in Soybean. *Seed Res. (New Delhi)* 21: 63-65.

EcoReference No.: 151268

Chemical of Concern: CBD,CBX,Captan,DZ,MLX,MZB,TDF,THM; Habitat: T; Effect Codes: GRO; Code: LITE EVAL CODED (CBD,CBX,Captan,DZ,MLX,MZB,TDF,THM).

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: CBL,DDT,DDVP,DMT,DZ,EPRN,ES,HCCH,MLN,MP,PPCP,PPHD,PRN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBL,DDVP,DMT,DZ,ES,MLN,MP), NO EFED CHEM (DDT,EPRN,HCCH,PPCP,PPHD,PRN).

Smirle, M. J. (1990). The Influence of Detoxifying Enzymes on Insecticide Tolerance in Honey Bee Colonies (Hymenoptera: Apidae). *J. Econ. Entomol.* 83: 715-720.

EcoReference No.: 110800

Chemical of Concern: AND,CBL,DZ,PPX; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (AND,CBL,DZ,PPX), NO EFED CHEM (AND).

Sokkar, S. M., Mohammed, M. A., and Soliman, F. A. (1975). Toxic Effects of Diazinon on the Gonads of Fowl. *Zentbl. Vetmed. Reihe A* 22: 557-563.

EcoReference No.: 153736

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

Stark, J. D., Vargas, R. I., Messing, R. H., and Purcell, M. (1992). Effects of Cyromazine and Diazinon on Three Economically Important Hawaiian Tephritid Fruit Flies (Diptera: Tephritidae) and Their Endoparasitoids (Hymenoptera: Braconidae). *J. Econ. Entomol.* 85: 1687-1694.

EcoReference No.: 153537

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

Straub, R. W. (1998). Evaluation of Insecticides Against Foliar-Feeding Insect Pests on Apple, 1997. *Arthropod Manag. Tests* 23: 34-(21A).

EcoReference No.: 150728

Chemical of Concern: ACP,AZ,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,AZ,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM), NO MIXTURE (AZ,CPY,EFV,FBOX,FPP,IMC,MOM,OML,PSM), TARGET (AZ,FBOX,FPP,IMC,MOM,OML,PSM).

Straub, R. W. (1998). Evaluation of Insecticides Against Fruit-Feeding Insects on Apple, 1997. *Arthropod Manag. Tests* 23: 34-35 (22A).

EcoReference No.: 150727

Chemical of Concern: ACP,AZ,CBL,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (ACP,AZ,CBL,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS), NO EFED CHEM (SS), NO MIXTURE (AZ,CBL,CPY,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS).

Sumanadasa, D. M., Wijesinghe, M. R., and Ratnasooriya, W. D. (2008). Effects of Diazinon on Larvae of the Asian Common Toad (*Bufo melanostictus*, Schneider 1799). *Environ. Toxicol. Chem.* 27: 2320-2325.

EcoReference No.: 112793

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

Svoboda, M., Luskova, V., Drastichova, J., and Zlabek, V. (2001). The Effect of Diazinon on Haematological Indices of Common Carp (*Cyprinus carpio* L.). *Acta Vet. Brno* 70: 457-465.

EcoReference No.: 76924

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

Tanaka, K., Endo, S., and Kazano, H. (2000). Toxicity of Insecticides to Predators of Rice Planthoppers: Spiders, the Mirid Bug and the Dryinid Wasp. *Appl. Entomol. Zool.* 35: 177-187.

EcoReference No.: 69655

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

Taylor, M. A., Goodwin, R. M., McBrydie, H. M., and Cox, H. M. (2007). Destroying Managed and Feral Honey Bee (*Apis mellifera*) Colonies to Eradicate Honey Bee Pests. *N. Z. J. Crop Hortic. Sci.* 35: 313-323.

EcoReference No.: 150559

Chemical of Concern: ACP,CPY,DZ,FPN,MP,PPB,PYN; Habitat: T; Effect Codes: ACC,BEH,MOR; Code: LITE EVAL CODED (ACP,CPY,DZ,FPN), NO CONTROL (PPB), NO EFED CHEM (PYN), NO ENDPOINT (MP).

Tehraniard, A., Fazeli, M., and Yarabbi, J. (2010). Determination of LC50 of Diazinon Toxin and Linear Anionic Detergents on *Rutilus frisii kutum*. In: C.A. Brebbia and A.M. Marinov (Eds.), *Proceedings of the 10th International Conference on Modelling, Monitoring and Management of Water Pollution, Bucharest, 2009*, WIT Press 207-218.

EcoReference No.: 153779

Chemical of Concern: ABSA,DZ; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (ABSA,DZ), NO EFED CHEM (ABSA).

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:

24D,24DXY,AZ,BTC,CBF,CBL,CPY,CYF,CYP,DZ,EFX,ES,FNT,FNV,FZFB,MCPA,MLN,MOM,MP,MTM,MZB,ODZ,PMR,PPHD,TBC,TDC; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED

(24D,24DXY,AZ,CBF,CBL,CPY,CYF,CYP,DZ,EFX,ES,FNT,FNV,MLN,MOM,MP,MTM,MZB,PMR,TBC,TDC), NO EFED CHEM (BTC,FZFB,MCPA,ODZ,PPHD).

Tetreault, G. E. (1985). Metabolism of Carbaryl, Chlorpyrifos, DDT, and Parathion in the European Corn Borer: Effects of Microsporidiosis on Toxicity and Detoxication. *Ph.D.Thesis, Univ.Illinois, Urbana, IL* 86 p. (UMI# 8600331).

EcoReference No.: 87626

Chemical of Concern: CBF,CBL,CPY,DDT,DZ,EPRN,FNF,MOM,PMR,PPB,PRN,TBO; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED (CBF,CBL,CPY,DZ,MOM,PMR,TBO), NO EFED CHEM (DDT,EPRN,FNF,PRN), NO MIXTURE (PPB).

Thursby, G. B. and Tagliabue, M. (1988). Effect of Diazinon on Sexual Reproduction in Chompia. *July 6th Memo to D.J.Hansen, U.S.EPA, Narragansett, RI* 3 p.

EcoReference No.: 88030

Chemical of Concern: DZ,TEG; Habitat: A; Effect Codes: REP; Code: LITE EVAL CODED (DZ), NO CONC (TEG), NO EFED CHEM (TEG).

Trielli, F., Amaroli, A., Sifredi, F., Marchi, B., Falugi, C., and Corrado, M. U. D. (2007). Effects of Xenobiotic Compounds on the Cell Activities of Euplotes crassus, a Single-Cell Eukaryotic Test Organism for the Study of the Pollution of Marine Sediments. *Aquat. Toxicol.* 83: 272-283.

EcoReference No.: 150318

Chemical of Concern: CF,DCF,DZ,HgCl₂; Habitat: A; Effect Codes: BCM,CEL,MOR,REP; Code: LITE EVAL CODED (DCF,DZ,HgCl₂), NO EFED CHEM (CF,HgCl₂).

Trielli, F., Chessa, M. G., Amaroli, A., Ognibene, M., and Corrado, M. U. D. (2006). Effects of Organophosphate Compounds on a Soil Protist, Colpoda inflata (Ciliophora, Colpodidae). *Chemosphere* 65: 1731-1737.

EcoReference No.: 88378

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

Uner, N., Sevgiler, Y., Durmaz, H., and Piner, P. (2007). In Vivo Alterations in Glutathione-Related Processes, Lipid Peroxidation, and Cholinesterase Enzyme Activities in the Liver of Diazinon-Exposed Oreochromis niloticus. *Toxicol. Mech. Methods* 17: 317-324.

EcoReference No.: 121113

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

Valdovinos-Nunez, G. R., Quezada-Euan, J. J. G., Ancona-Xiu, P., Moo-Valle, H., Carmona, A., and Ruiz Sanchez, E. (2009). Comparative Toxicity of Pesticides to Stingless Bees (Hymenoptera: Apidae: Meliponini). *J. Econ. Entomol.* 102: 1737-1742.

EcoReference No.: 153534

Chemical of Concern: DZ,IMC,MOM,PMR,TAP,TMX; Habitat: T; Effect Codes: MOR; Code:

LITE EVAL CODED (DZ,IMC,MOM,PMR,TAP,TMX), NO EFED CHEM (TAP,TMX).

Van Cong, N., Phuong, N. T., and Bayley, M. (2008). Brain Cholinesterase Response in the Snakehead Fish (*Channa striata*) After Field Exposure to Diazinon. *Ecotoxicol. Environ. Saf.* 71: 314-318.

EcoReference No.: 112013

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

Van Cong, N., Phuong, N. T., and Bayley, M. (2009). Effects of Repeated Exposure of Diazinon on Cholinesterase Activity and Growth in Snakehead Fish (*Channa striata*). *Ecotoxicol. Environ. Saf.* 72: 699-703.

EcoReference No.: 119558

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

Van Cong, N., Phuong, N. T., and Bayley, M. (2006). Sensitivity of Brain Cholinesterase Activity to Diazinon (Basudin 50EC) and Fenobucarb (Bassa 50EC) Insecticides in the Air-Breathing Fish *Channa striata* (Bloch, 1793). *Environ. Toxicol. Chem.* 25: 1418-1425.

EcoReference No.: 88370

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

Van Herk, W. G., Vernon, R. S., Tolman, J. H., and Saavedra, H. O. (2008). Mortality of a Wireworm, *Agriotes obscurus* (Coleoptera: Elateridae), After Topical Application of Various Insecticides. *J. Econ. Entomol.* 101: 375-383.

EcoReference No.: 108458

Chemical of Concern: ACT,CPY,CTD,DZ,FPN,HCCH,IMC,PPCP,SS,TFT,TMX; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CPY,DZ,FPN,IMC), NO EFED CHEM (ACT,CTD,HCCH,PPCP,SS,TFT,TMX).

Vanninen, I. and Hokkanen, H. (1988). Effect of Pesticides on Four Species of Entomopathogenic Fungi In Vitro. *Ann. Agric. Fenn.* 27: 345-353.

EcoReference No.: 71212

Chemical of Concern: BMY,CYP,DMT,DZ,GYPI,MCPA,MMM,OML,PCZ,PIM,SZ,TFN,THM,VCZ; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (BMY,CYP,DMT,DZ,GYPI,OML,PCZ,PIM,PPCP,SZ,TFN,THM,VCZ), NO EFED CHEM (MCPA), NO MIXTURE (MMM), TARGET (BMY,PCZ,PPCP,THM,VCZ).

Viant, M. R., Pincetich, C. A., and Tjeerdema, R. S. (2006). Metabolic Effects of Dinoseb, Diazinon and Esfenvalerate in Eyed Eggs and Alevins of Chinook Salmon (*Oncorhynchus tshawytscha*) Determined by ¹H NMR Metabolomics. *Aquat. Toxicol.* 77: 359-371.

EcoReference No.: 84761

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

Vinuela, A., Snoek, L. B., Riksen, J. A. G., and Kammenga, J. E. (2010). Genome-Wide Gene Expression Analysis in Response to Organophosphorus Pesticide Chlorpyrifos and Diazinon in *C. elegans*. *PLoS One* 5: 1-8.

EcoReference No.: 153568

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

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: AZ,DEM,DS,DZ,EN,EPRN,ETN,MDT,MLN,MP,MTM,MVP,PPHD,PRN;

Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED

(AZ,DEM,DS,DZ,EN,EPRN,ETN,MDT,MP,MTM,MVP,PPHD,PRN), NO EFED CHEM

(DEM,EN,EPRN,ETN,PPHD,PRN), NO ENDPOINT (MLN).

Ward, C. R., Huddleston, E. W., Owens, J. C., Hills, T. M., Richardson, L. G., and Ashdown, D. (1972). Control of the Banks Grass Mite Attacking Grain Sorghum and Corn in West Texas. *J. Econ. Entomol.* 65: 523-529.

EcoReference No.: 117182

Chemical of Concern: AZ,DEM,DS,DZ,EPRN,FNF,MDT,MLN,MTM,OXD,PRN,PRT,SFR; Habitat: T;

Effect Codes: POP; Code: LITE EVAL CODED (DZ,MTM,SFR), NO EFED CHEM

(DEM,EPRN,FNF,PRN), OK (AZ,DS,MDT,MLN,OXD,PRT).

Yu, S. J. (1983). Age Variation in Insecticide Susceptibility and Detoxification Capacity of Fall Armyworm (Lepidoptera: Noctuidae) Larvae. *J. Econ. Entomol.* 76: 219-222.

EcoReference No.: 112750

Chemical of Concern: DZ,MOM,PMR,PPB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (DZ,MOM,PMR), NO MIXTURE (PPB).

Yu, S. J. (1982). Induction of Microsomal Oxidases by Host Plants in the Fall Armyworm, *Spodoptera frugiperda* (J. E. Smith). *Pestic. Biochem. Physiol.* 17: 59-67.

EcoReference No.: 105107

Chemical of Concern: ACP,CYP,DZ,LIM,MEN,MOM,MTM,OOP,PMR,PPB,TCF; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (DZ,MOM,MTM,PMR,TCF), NO EFED CHEM (OOP), NO ENDPOINT (ACP,CYP,LIM,MEN), NO IN VITRO (PPB), TARGET (ACP,CYP,LIM).

Yu, S. J. and Nguyen, S. N. (1996). Insecticide Susceptibility and Detoxication Enzyme Activities in Permethrin-Selected Diamondback Moths. *Pestic. Biochem. Physiol.* 56: 69-77.

EcoReference No.: 103261

Chemical of Concern:

ABM,AND,BFT,CBF,CPY,CYP,DZ,EFV,ES,FNV,FVL,HPT,IMC,LCYT,MOM,MP,MTM,PRT,TDC,TL M,TPMR; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED

(ABM,BFT,CBF,CPY,CYP,DZ,EFV,ES,FNV,FVL,IMC,LCYT,MOM,MP,MTM,TDC,TLM,TPMR), NO EFED CHEM (AND,HPT), NO IN VITRO (PRT).

Zacharda, M. and Hluchy, M. (1991). Long-Term Residual Efficacy of Commercial Formulations of 16 Pesticides to *Typhlodromus pyri* Scheuten (Acari: Phytoseiidae) Inhabiting Commercial Vineyards. *Exp. Appl. Acarol.* 13: 27-40.

EcoReference No.: 92021

Chemical of Concern: CPYM,DCF,DZ,EFV,ES,FNT,MZB,OMT,PHSL,PSM,SFR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CPYM,DCF,DZ,EFV,ES,FNT,MZB,OMT,PSM), NO EFED CHEM (PHSL), NO ENDPOINT (SFR), TARGET (SFR).