

## Appendix B: Malathion ECOTOX Studies

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#### 1 *Papers that Were Accepted for ECOTOX*

**Acceptable for ECOTOX and OPP. Studies under this heading were considered for use quantitatively or qualitatively in the malathion risk assessment. Studies from this list not included in the text tables under the risk assessment effects characterization section involve one or more post screening issues: duplicate endpoints, effects reports with unspecified quantitative endpoints, or effects endpoints expressed in units unusable in the risk assessment process.**

Abbasi, S. A. and Soni, R. (1991). Evaluation of Water Quality Criteria for Four Common Pesticides on the Basis of Computer-Aided Studies. *Indian J.Environ.Health* 33: 22-24.

EcoReference No.: 61878

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

Abdel-Rahman, A., Dechkovskaia, A. M., Goldstein, L. B., Bullman, S. H., Khan, W., El-Masry, E. M., and Abou-Donia, M. B. (2004). Neurological Deficits Induced by Malathion, DEET, and Permethrin, Alone or in Combination in Adult Rats. *J.Toxicol.Environ.Health Part A* 67: 331-356.

EcoReference No.: 89117

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

Abdel-Rahman, M. S., Lechner, D. W., and Klein, K. M. (1985). Combination Effect of Carbaryl and Malathion in Rats. *Arch.Environ.Contam.Toxicol.* 14: 459-464.

EcoReference No.: 35543

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

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

EcoReference No.: 89126

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

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

EcoReference No.: 89127

- Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).
- Adams, J. B. and Drew, M. E. (1965). Grain Aphids in New Brunswick. III. Aphid Populations in Herbicide-Treated Oat Fields. *Can.J.Zool.* 43: 789-794.
- EcoReference No.: 81639  
Chemical of Concern: MLN,DMDP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET MLN.
- Adhikari, S., Sinha, A. K., and Munshi, J. S. D. (1998). Malathion Induced Ultrastructural Changes in the Gills of *Heteropneustes fossilis* (Bloch) and Their Functional Significance in Oxygen Uptake. *J.Freshw.Biol.* 10: 69-74.
- EcoReference No.: 89148  
Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(MLN).
- Ahmad, H. and Rizvi, S. M. A. (1994). Efficacy of Pyrethroids and Some Conventional Insecticides Against *Earias vitella* in Okra. *Indian J.Plant Prot.* 22: 65-68.
- EcoReference No.: 89018  
Chemical of Concern: DM,CYP,PMR,FNV,PPHD,DMT,MLN,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(DM,CYP,PMR,FNV,PPHD),OK TARGET(CBL),NO TARGET,NO CROP(MLN,DMT).
- Ahmad, M. and Miah, R. U. (1989). Screening of Insecticides for the Control of Mustard Aphid *Lipaphis pseudobrassicae* Dav. *Indian J.Entomol.* 51: 366-368.
- EcoReference No.: 91586  
Chemical of Concern: MLN,PPHD,DMT,DZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN,DMT),OK(DZ).
- Ahmed, R. S., Seth, V., Pasha, S. T., and Banerjee, B. D. (2000). Influence of Dietary Ginger (*Zingiber officinales* Rosc) on Oxidative Stress Induced by Malathion in Rats. *Food Chem.Toxicol.* 38: 443-450.
- EcoReference No.: 91883  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).
- Aikins, J. A. and Wright, D. J. (1985). Toxicity of DDT and Malathion to Various Larval Stages of *Mamestra brassicae* L. *Pestic.Sci.* 16: 73-80.
- EcoReference No.: 19582  
Chemical of Concern: DDT,MLN; Habitat: A; Effect Codes: ACC,BCM,BEH,MOR; Rejection Code: LITE EVAL CODED(MLN),OK(DDT).
- Akarte, S. R., Muley, D. V., and Mane, U. H. (1986). Effect of Cythion-Malathion 50 EC (W/W) on the Estuarine Clam, *Katelysia opima* (Gmelin). In: *M.F.Thompson, R.Sarojini, and R.Nagabhushanam (Eds.), Biology of Benthic Marine Organisms: Techniques and Methods as Applied to the Indian Ocean, A.A.Balkema, Rotterdam, Netherlands* 501-510.
- EcoReference No.: 14269  
Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BEH,MOR; Rejection Code: LITE EVAL CODED(MLN),NO COC(KI).

Akay, M. T., Elcuman, A., Nurcan, M., Kolankaya, D., and Yilmazoglu, G. (1992). Bioavailability and Toxicological Potential of Lenthil-Bound Residues of Malathion in Rats. *In: Meet.on Bound Pesticide Residue in Grain: Bioavailability and Biological Activity, May 13-17, 1991, Slough, England, UK, J.Environ.Sci.Health Part B 27*: 325-340.

EcoReference No.: 89273

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

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

EcoReference No.: 90627

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

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

EcoReference No.: 89875

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

Akhgari, M., Abdollahi, M., Kebryaezadeh, A., Hosseini, R., and Sabzevari, O. (2003). Biochemical Evidence for Free Radical-Induced Lipid Peroxidation as a Mechanism for Subchronic Toxicity of Malathion in Blood and Liver of Rats. *Hum.Exp.Toxicol. 22*: 205-211.

EcoReference No.: 89244

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

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

EcoReference No.: 81333

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

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

EcoReference No.: 88957

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

Al-Qarawi, A. A., Mahmoud, O. M., Haroun, E. M., Sobaih, M. A., and Adam, S. E. I. (1999). Comparative Effects of Diazinon and Malathion in Najdi Sheep. *Vet.Hum.Toxicol. 41*: 287-289.

EcoReference No.: 85637

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

Ali, A. (1981). Laboratory Evaluation of Organophosphate and New Synthetic Pyrethroid Insecticides Against Pestiferous Chironomid Midges of Central Florida. *Mosq.News 41*: 157-161.

- EcoReference No.: 5559  
Chemical of Concern: TMP,FNTH,MLN,CPY,CYP,PMR,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,MLN),OK(ALL CHEMS).
- Ali, A., Chowdhury, M. A., Hossain, M. I., Ameen, M., Habiba, D. B., and Aslam, A. F. M. (1999). Laboratory Evaluation of Selected Larvicides and Insect Growth Regulators Against Field-Collected *Culex quinquefasciatus* Larvae from Urban Dhaka, Bangladesh. *J.Am.Mosq.Control Assoc.* 15: 43-47.
- EcoReference No.: 62487  
Chemical of Concern: TMP,FPN,BFT,FNTH,CPYM,DFZ,CPY,CYP,MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FPN,CYP,MLN),OK(ALL CHEMS).
- Ali, A. and Mulla, M. S. ( 1980). Activity of Organophosphate and Synthetic Pyrethroid Insecticides Against Pestiferous Midges in Some Southern California Flood Control Channels. *Mosq.News* 40: 593-597.
- EcoReference No.: 3671  
Chemical of Concern: FNTH,MLN,CPY,TMP,DM,CYP,FNV,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,MLN),OK(ALL CHEMS).
- Ali, A., Nayar, J. K., and Xue, R.-D. (1995). Comparative Toxicity of Selected Larvicides and Insect Growth Regulators to a Florida Laboratory Population of *Aedes albopictus*. *J.Am.Mosq.Control Assoc.* 11: 72-76.
- EcoReference No.: 16077  
Chemical of Concern: PYX,BFT,DFZ,FNTH,MLN,CPY,TMP,CYP,PMR,MTPN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,MTPN,CYP,BFT),OK(ALL CHEMS).
- Ali, S. S., Arshad, M., and Ali, T. (1997). Malathion Induced Haematotoxicity in Chicks of Fowl, *Gallus domesticus*. *Punjab Univ.J.Zool.* 12: 127-137.
- EcoReference No.: 89223  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(MLN).
- Ali, S. S., Arshad, M., Ali, T., and Shakoori, A. R. (1995). Some Metabolic Alterations Induced by an Organophosphate Insecticide, Malathion, on Chick Muscle. *Punjab Univ.J.Zool.* 10: 63-77.
- EcoReference No.: 89165  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(MLN).
- Allen, R. L. and Snipes, C. E. (1995). Interactions of Foliar Insecticides Applied with Pyriithobac. *Weed Technol.* 9: 512-517.
- EcoReference No.: 64055  
Chemical of Concern: ACP,PTB,AZ,BFT,CPY,DCTP,EFV,MLN,MOM,OML,TDC; Habitat: T; Effect Codes: PHY,GRO,POP; Rejection Code: LITE EVAL CODED(EFV,TDC,MLN),OK(PTB),NO MIXTURE(ACP,AZ,BFT,CPY,DCTP,MOM,OML).

Alvarez, M. C. (2005). Significance of Environmentally Realistic Levels of Selected Contaminants to Ecological Performance of Fish Larvae: Effects of Atrazine, Malathion, and Methylmercury. *Ph.D.Thesis, Univ.of Texas, Austin, TX* 141 p.

EcoReference No.: 81672

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

Amalraj, D. D. and Das, P. K. (1996). Toxicity of Insecticides to *Toxorhynchites splendens* and Three Vector Mosquitos and Their Sublethal Effect on Biocontrol Potential of the Predator. *Southeast Asian J.Trop.Med.Public Health* 27: 154-159.

EcoReference No.: 59254

Chemical of Concern: DM,HFR,FNT,PPX,PMR,FNTH,TMP,MLN; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

Amer, S. M., Fahmy, M. A., Aly, F. A. E., and Farghaly, A. A. (2002). Cytogenetic Studies on the Effect of Feeding Mice with Stored Wheat Grains Treated with Malathion. *Mutat.Res.* 513: 1-10.

EcoReference No.: 69250

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

Anguiano, O. L., De Castro, A. C., and Pechen de D'Angelo, A. M. (2001). The Role of Glutathion Conjugation in the Regulation of Early Toad Embryos' Tolerance to Pesticides. *Comp.Biochem.Physiol.C* 128: 35-43.

EcoReference No.: 59261

Chemical of Concern: PRN,MLN,HCCH,DLD; Habitat: A; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(MLN),OK(PRN,HCCH,DLD).

Ansari, B. A. and Kumar, K. (1986). Malathion Toxicity: Embryotoxicity and Survival of Hatchlings of Zebrafish (*Brachydanio rerio*). *Acta Hydrochim.Hydrobiol.* 14: 567-570.

EcoReference No.: 12047

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

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

EcoReference No.: 90636

Chemical of Concern: MLN,CBL,PMR,EFV,CYF,CYP,CBF,LCYT,PSM,TDC,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS),OK(CBF).

Arora, H. C., Shrivastava, S. K., and Seth, A. K. (1971). Bioassay Studies of Some Commercial Organic Insecticides. Part I. Studies with Exotic Carp *Puntius sophore* (Ham.). *Indian J.Environ.Health* 13: 226-233.

EcoReference No.: 9276

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

Arora, H. C., Shrivastava, S. K., and Seth, A. K. (1971). Bioassay Studies of Some Commercial Organic Insecticides. Part II. Trials of Malathion with Exotic and Indigenous Carps. *Indian J.Environ.Health* 13: 300-306.

- EcoReference No.: 9277  
Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN).
- Asmatullah, Mufti, S. A., Cheema, A. M., and Iqbal, J. (1993). Embryotoxicity and Teratogenicity of Malathion in Mice. *Punjab Univ.J.Zool.* 8: 53-61.
- EcoReference No.: 90622  
Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MLN).
- Assini, F. L., Zanette, K. D., Brocardo, P. S., Pandolfo, P., Rodrigues, A. L. S., and Takahashi, R. N. (2005). Behavioral Effects and ChE Measures After Acute and Repeated Administration of Malathion in Rats . *Environ.Toxicol.Pharmacol.* 20: 443-449 .
- EcoReference No.: 89553  
Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,PHY,BEH,BCM; Rejection Code: LITE EVAL CODED(MLN).
- Atkins, E. L. and Kellum, D. (1986). Comparative Morphogenic and Toxicity Studies on the Effect of Pesticides on Honeybee Brood . *J.Apic.Res.* 25: 242-255.
- EcoReference No.: 70351  
Chemical of Concern:  
AND,DZ,Naled,MVP,MLN,BMY,DS,CYT,DMT,FNV,PPG,PMR,OXD,FTT,MOM,EN,ES,CPY, ACP,MP,CBL,Captan; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(Naled,MLN,DMT,MP,FNV),OK(ALL CHEMS).
- Attah, P. K. and Van Emden, H. F. (1993). The Susceptibility to Malathion of *Metopolophium dirhodum* on Two Wheat Species at Two Growth Stages, and the Effect of Plant Growth Regulators on this Susceptibility. *Insect Sci.Appl.* 14: 101-106.
- EcoReference No.: 81077  
Chemical of Concern: APAQ,MLN,MCPA; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(APAQ),OK TARGET(MLN),OK(MCPA) .
- Azmi, M. A., Ahmad, I., Naqvi, S. N. H., Akhtar, K., Khan, M. F., Khan, M. Z., Tabassum, R., and Jahan, S. (1997). Toxicological Effects of DDT, Malathion and Cyfluthrin Against Larvae of *Aedes aegypti* by WHO Method. *Proc.Pak.Congr.Zool.* 17: 225-232.
- EcoReference No.: 72752  
Chemical of Concern: CYF,DDT,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYF,MLN),OK(DDT).
- Azmi, M. A., Naqvi, S. N. H., Ahmad, I., Tabassum, R., and Anbreen, B. (1998). Toxicity of Neem Leaves Extract (NLX) Compared with Malathion (57 E.C.) Against Late 3rd Instar Larvae of *Culex fatigans* (Wild Strain) by WHO Method. *Turk.J.Zool.* 22: 213-218.
- EcoReference No.: 75611  
Chemical of Concern: AZD,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZD,MLN).
- Azmi, M. A., Naqvi, S. N. H., and Akhtar, K. (1993). Comparative Study of Toxicity of DDT, Malathion and Solfac Against Various Strains of *Culex fatigans* by WHO Method. *Proc.Pak.Congr.Zool.* 13: 359-366.

- EcoReference No.: 81429  
Chemical of Concern: CYF,DDT,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYF,MLN),OK(DDT).
- Babaian, G. A. (1986). Scale Insects of Stone Fruit Crops and Control Measures Against Them. *In: 5th Int.Symp.on Scale Insect Studies, Jun.24-28, 1986, Portici, Italy, Boll.Lab.Entomol.Agrar.Filippo Silvestri* 43: 133-138.
- Chemical of Concern: MLN; Habitat: T; Rejection Code: NO CROP(MLN).
- Badauy, H. M. A. and El Arnauty, S. A. (1999). Direct and Indirect Effects of Some Insecticides on *Chrysoperla carnea* (Stephens) s.l. (Neuroptera: Chrysopidae). *J.Neuropterol.* 2: 67-74.
- EcoReference No.: 69720  
Chemical of Concern: PIM,PIRM,DMT,PPF,MLN,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK TARGET(DMT,MLN),TARGET(MOM).
- Bailey, H. C. and Liu, D. H. W. (1980). *Lumbriculus variegatus*, a Benthic Oligochaete, as a Bioassay Organism. *In: J.C.Eaton, P.R.Parrish, and A.C.Hendricks (Eds.), Aquatic Toxicology and Hazard Assessment, 3rd Symposium, ASTM STP 707, Philadelphia, PA* 205-215.
- EcoReference No.: 6502  
Chemical of Concern: DDT,24DXY,TNT,MLN,Hg,Zn,CuS,Cr,Pb,Cd,CHD,CBL,MXC; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,OW-TRV-Cu,MLN),OK(ALL CHEMS).
- Baker, K. N. (1985). Laboratory and Field Experiments on the Responses by Two Species of Woodland Salamanders to Malathion-Treated Substrates. *Arch.Environ.Contam.Toxicol.* 14: 685-691.
- EcoReference No.: 40014  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY,BEH; Rejection Code: LITE EVAL CODED(MLN).
- Bal, R. S., Duhra, M. S., and Singh, B. (1995). Efficacy of Insecticides in Controlling Thrips (*Haplothrips ganglbaueri* and *Fulmekiola serrata*) of Sugarcane (*Saccharum officinarum*). *Indian J.Agric.Sci.* 65: 226-227.
- EcoReference No.: 89298  
Chemical of Concern: MLN,DMT,ES,OXD; Habitat: T; Effect Codes: POP; Rejection Code: OK(DMT,ES),OK TARGET(MLN,OXD).
- Balasubramanian, K., Ananthanarayanan, P. H., and Balasubramanian, A. (1990). Effect of Malathion Administration on Adrenal Function in Male Albino Rats. *Med.Sci.Res.* 18: 129-130.
- EcoReference No.: 89311  
Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(MLN).
- Balasubramanian, K., Vijayan, A. P., Ananthanarayanan, P. H., and Balasubramanian, A. (1987). Effect of Malathion on the Liver of Male Albino Rats. *Med.Sci.Res.* 15: 1121-1122.
- EcoReference No.: 89753  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).

Balasubramanian, K., Vijayan, A. P., Ananthanarayanan, P. H., and Balasubramanian, A. (1987). Effect of Malathion on the Testis of Male Albino Rats. *Med.Sci.Res.* 15: 229-230.

EcoReference No.: 89191

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

Balasubramanian, K., Vijayan, A. P., Ananthanarayanan, P. H., and Balasubramanian, A. (1986). Effect of Malathion on the Thyroid Function of Male Albino Rats. *IRCS (Int.Res.Commun.Syst.) Med.Sci.* 14: 1139-1140.

EcoReference No.: 88985

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

Bandyopadhyay, B., Paul, S. K., and Ghosh, M. R. (1996). Effects of Sublethal Doses of Some Insecticides on the Biology of *Sitophilus oryzae* (L.) (Coleoptera : Curculionidae). *Environ.Ecol.* 14: 334-338.

EcoReference No.: 40237

Chemical of Concern: DDVP,MLN,EFV,PMR,CYP; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET MLN.

Banerjee, B. D., Pasha, S. T., Hussain, Q. Z., Koner, B. C., and Ray, A. (1998). A Comparative Evaluation of Immunotoxicity of Malathion After Subchronic Exposure in Experimental Animals. *Indian J.Exp.Biol.* 36: 273-282.

EcoReference No.: 90630

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

Barata, C., Solayan, A., and Porte, C. (2004). Role of B-Esterases in Assessing Toxicity of Organophosphorus (Chlorpyrifos, Malathion) and Carbamate (Carbofuran) Pesticides to *Daphnia magna*. *Aquat.Toxicol.* 66: 125-139.

EcoReference No.: 72805

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

Barlas, N. E. (1996). Toxicological Assessment of Biodegraded Malathion in Albino Mice. *Bull.EnvIRON.Contam.Toxicol.* 57: 705-712.

EcoReference No.: 88955

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

Barney, R. J., Price, B. D., Sedlacek, J. D., and Siddiqui, M. (1995). Fungal Species Composition and Abundance on Stored Corn as Influenced by Several Management Practices and Maize Weevil (Coleoptera: Curculionidae). *Crop Prot.* 14: 159-164.

EcoReference No.: 88993

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

Bartholomew, P. M., Gianutsos, G., and Cohen, S. D. (1985). Differential Cholinesterase Inhibition and Muscarinic Receptor Changes in CD-1 Mice Made Tolerant to Malathion. *Toxicol.Appl.Pharmacol.* 81: 147-155.



- EcoReference No.: 89119  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY,MOR,GRO; Rejection Code: LITE EVAL CODED(MLN).
- Barwal, R. N. and Gupta, D. K. (1991). Seasonal Incidence and Control of Pod Borer (*Euborellia annulipes*) and Cercospora Leaf Spots in Groundnut. *Indian J.Plant Prot.* 19: 156-160.
- EcoReference No.: 89847  
Chemical of Concern: HCCH,CBL,MP,HPT,AND,CBD,MZB,Zineb,Ziram,CTN; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK CROP,TARGET(MLN,MP).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: DDT,DLD,DFZ,MXC,MLN,CBF,TBO,HCB; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).
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Chemical of Concern: BRSM,RSM,CPYM,MLN,TMT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,RSM).
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Chemical of Concern: MLN,Naled,OBDD,ATN,AZ,DZ,DDVP,ETN,MVP,PPB; Habitat: T; Effect Codes: GRO,POP,BCM; Rejection Code: LITE EVAL CODED(MLN,Naled),OK(ATN,AZ,DZ).
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Chemical of Concern: CBL,ES,FNT,MLN,CYP; Habitat: T; Effect Codes: POP; Rejection Code: OK(ES,FNT),OK TARGET(CBL,MLN,CYP).
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Chemical of Concern: 24DXY,ATZ,MLN,PL,CBZ,AN,MLN,CPH,CF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATZ,MLN),OK(ALL CHEMS).
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Chemical of Concern:  
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Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM,PHY; Rejection Code: LITE EVAL CODED(MLN).

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Chemical of Concern: PYT,PMR,CBL,MLN,PPB,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED (CBL,MLN),OK(PYT,PMR,CPY),NO MIXTURE(PPB).

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Chemical of Concern: PPN,EN,AZ,TXP,PPHD,MLN,Naled; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MLN,Naled),OK(AZ).

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EcoReference No.: 85991

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Chemical of Concern: MLN,DZ,AZ,ACP,Captan,CAP,BMY,FBM,TFR; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(MLN,Captan,CAP,TFR),OK(AZ,ACP).
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Chemical of Concern: MLN,CPY,BDC,DM,ACP,PPB,MOM; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MOM,MLN),NO MIXTURE(PPB),TARGET(ACP).
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Chemical of Concern: MLN,ZnCl<sub>2</sub>; Habitat: T; Effect Codes: PHY,ACC,BCM; Rejection Code: LITE EVAL CODED(MLN),OK(ZnCl<sub>2</sub>).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO DOM(MLN).

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

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EcoReference No.: 72767

Chemical of Concern:

AZ,CPY,CYP,PSM,MLN,MP,MOM,AMZ,PRN,PIM,CPYM,FNV,MVP,DM,PSM; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,CYP,AZ),TARGET(MOM,MP).

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EcoReference No.: 88909

Chemical of Concern: PMR,MLN,MP,DMT,PPX,FNV,DDT; Habitat: T; Effect Codes: MOR,ACC,BCM; Rejection Code: TARGET(DMT,MLN,MP),OK(ALL CHEMS).

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EcoReference No.: 88914

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

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Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET MLN.

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Chemical of Concern: MLN,ES,DS,DMT,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ES,DS,CPY),NO TARGET,NO CROP(MLN,DMT).
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- EcoReference No.: 73094  
Chemical of Concern: MLN,CPY,ES,DMT,PMR; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DMT),TARGET(MLN).
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- EcoReference No.: 73097  
Chemical of Concern: EFV,MLN,ES,PMR,MOM,CBL,MP,PSM,AZD,PRN; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(EFV,MOM,AZD),TARGET(MLN,CBL),OK(ALL CHEMS),NO CROP(MP).
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- EcoReference No.: 46522  
Chemical of Concern: DDT,PRT,HCCH,MLN,MXC,TXP,DLD,EN,HPT,CHD,AZ,Naled ; Habitat: A; Effect Codes: ACC,BCM,MOR; Rejection Code: LITE EVAL CODED(MLN),OK(DDT),NO CONTROL(PRT,HCCH,MXC,TXP,DLD,EN,HPT,CHD),NO ENDPOINT(Naled).
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Chemical of Concern: CBF,CHD,MLN,MXC,24DXY,Captan,PPN,TFN; Habitat: A; Effect Codes: GRO,MOR,CEL,ACC,BEH; Rejection Code: LITE EVAL CODED(CBF,MLN,Captan),OK(ALL CHEMS).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MLN).

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EcoReference No.: 20475

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

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EcoReference No.: 9669

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

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EcoReference No.: 2158

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

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EcoReference No.: 72010

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,Naled).

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EcoReference No.: 71029

Chemical of Concern: Maneb,CuS,MLN,CTN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CTN,MLN,Maneb),OK(CuS).

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EcoReference No.: 14034

Chemical of Concern: CPY,MOM,CBF,AZ,ADC,DCTP,MP,MLN,CBL; Habitat: A; Effect Codes: BCM,GRO,MOR; Rejection Code: LITE EVAL CODED(AZ,CBL,CBF,MOM,ADC,MLN,MP,CPY).

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- EcoReference No.: 35083  
Chemical of Concern: MXC,MLN,CBL; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(MXC).
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- EcoReference No.: 25359  
Chemical of Concern: GIB,IAA,MLN; Habitat: T; Effect Codes: GRO,PHY,BCM; Rejection Code: NO CROP(MLN),NO MIXTURE(GIB,IAA).
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Chemical of Concern: CYP,PPHD,DEM,DMT,MLN,ES,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET,NO CROP(MLN,DMT).
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Chemical of Concern: DDT,MLN,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(DDT).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(MLN).
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- EcoReference No.: 89503  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).

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

EcoReference No.: 78987

Chemical of Concern:

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

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EcoReference No.: 78988

Chemical of Concern:

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

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Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL; Rejection Code: NO CROP(MLN).

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

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EcoReference No.: 18844

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

Cohen, S. D. and Ehrich, M. (1976). Cholinesterase and Carboxylesterase Inhibition by Dichlorvos and Interactions with Malathion and Triorthotolyl Phosphate. *Toxicol.Appl.Pharmacol.* 37: 39-48.

EcoReference No.: 36206

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

Cohen, S. D. and Murphy, S. D. (1970). Comparative Potentiation of Malathion by Triorthotolyl Phosphate in Four Classes of Vertebrates. *Toxicol.Appl.Pharmacol.* 16: 701-708.

EcoReference No.: 36207

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

Cohen, S. D. and Murphy, S. D. (1971). Malathion Potentiation and Inhibition of Hydrolysis of Various Carboxylic Esters by Triorthotolyl Phosphate (TOTP) in Mice. *Biochem.Pharmacol.* 20: 575-587.

EcoReference No.: 90629

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

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EcoReference No.: 91349

Chemical of Concern: MLN,Naled; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,Naled).

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Chemical of Concern: LIM,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN).

Collins, J. A. and Forsythe, H. Y. Jr. (1992). Blueberry Thrips Control, 1991. *Insectic.Acaric.Tests* 17: 61-62 (No. 3C).

EcoReference No.: 89227

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

Coppage, D. L. and Duke, T. W. (1971). Effects of Pesticides in Estuaries Along the Gulf and Southeast Atlantic Coasts. In: C.H.Schmidt (Ed.), *Proc.2nd Gulf Coast Conf.on Mosquito, Suppression and Wildl.Manage., Washington, D.C.*: 24-31.

EcoReference No.: 19776

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

Cripe, G. M. (1994). Comparative Acute Toxicities of Several Pesticides and Metals to Mysisidopsis bahia and Postlarval Penaeus duorarum. *Environ.Toxicol.Chem.* 13: 1867-1872.

EcoReference No.: 13513

Chemical of Concern: DZ,MLN,CYP,PMR,CuCl,Cd,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,CuCl,OW-TRV-Cu,CYP,MLN),OK(PMR,Cd,Zn).

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EcoReference No.: 2280

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

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EcoReference No.: 36303

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

Daane, K. M., Dahlsten, D. L., and Dreistadt, S. H. (1990). Effects of Mediterranean Fruit Fly Malathion Bait Spray on the Longevity and Oviposition of Parasitoids of Linden and Tulip-Tree Aphids (Homoptera: Aphididae). *Environ.Entomol.* 19: 1130-1134.

EcoReference No.: 90651

Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,REP,MOR; Rejection Code: OK TARGET(MLN).

Dadheech, L. N. and Singh, C. (1996). Seasonal Incidence and Bioefficacy of Insecticides Against Insect Pests of Green Gram *Vigna radiata* L. Uilezek. In: S.C.Goel (Ed.), *Insect and Environment, VI: Integrated Pest Management and Sustainable Agriculture: An Entomological Approach, Symposium, Sept.22-24, 1995, The Uttar Pradesh Zool.Soc., Muzaffarnagar, India* 191-195.

Chemical of Concern: MLN; Habitat: T; Rejection Code: OK TARGET.

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EcoReference No.: 70523

Chemical of Concern: MLN,FNT,PIRM,PMR,DM,CPYM,BRSM,CBL; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(BRSM),OK(ALL CHEMS),TARGET(CBL,MLN).

Dahiya, K. K., Lakra, R. K., Dahiya, A. S., and Singh, S. P. (1994). Bioefficacy of Some Insecticides Against Citrus psylla, *Diaphorina citri* Kuw. (Psyllidae: Homoptera). *Crop Res.* 8: 137-140.

EcoReference No.: 89880

Chemical of Concern: OXD,DMT,CYP,CPY,DDT,HCCH,DDVP,DCM,ES,FNV,MLN,PPHD; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK(CPY,DDT,DDVP,DCM,FNV,PPHD),OK TARGET(OXD,DMT,CYP,MLN,ES),NO MIXTURE(HCCH).

Dalaya, V. P., Rajput, S. G., and Awate, B. G. (1986). Occurrence of Thrips (Thrips spp.) on Green Gram in Northern Maharashtra and Its Control. *Pesticides* 20: 18-19.

EcoReference No.: 89153

Chemical of Concern: DEM,MLN,DMT,HCCH,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK(DEM,HCCH,ES),NO CROP(TARGET-MLN,DMT).

Dalela, R. C., Verma, S. R., and Bhatnagar, M. C. (1978). Biocides in Relation to Water Pollution. Part I: Bioassay Studies on the Effects of a Few Biocides on Fresh Water Fish, *Channa gachua*. *Acta Hydrochim.Hydrobiol.* 6: 15-25 (Author Communication Used).

EcoReference No.: 5736

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

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EcoReference No.: 76793

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

Das, M., Srivasta., S. P., Khamre, J. S., and Deshpand., L. B. (1986). Susceptibility of DDT, Dieldrin and Malathion Resistant Anopheles-culicifacies Populations to Deltamethrin. *J Am Mosq Control Assoc* 2: 553-555.

EcoReference No.: 48525

Chemical of Concern: DM,MLN; Habitat: T; Rejection Code: TARGET MLN.

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

EcoReference No.: 89006

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

Das, V. G. K., Kuan, L. Y., Sudderuddin, K. I., Chang, C. K., Thomas, V., Yap, C. K., Lo, M. K., G.C.Ong, W.K.Ng, and Y.Hoi-Sen (1984). The Toxic Effects of Triorganotin (IV) Compounds on the Culicine Mosquito, *Aedes aegypti* (L). *Toxicology* 32: 57-66.

EcoReference No.: 11009

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

Dash, K., Pandey, A. K., and Ayyappan, S. (2000). Suppression in Haemolytic Activities and Specific Antibody Response of Sera of the Indian Major Carps Treated with Malathion. *Indian J.Fish.* 47: 71-76.

EcoReference No.: 89197

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

Dauberschmidt, C., Dietrich, D. R., and Schlatter, C. (1996). Toxicity of Organophosphorus Insecticides in the Zebra Mussel, *Dreissena polymorpha* P. *Arch.Environ.Contam.Toxicol.* 30: 373-378.

EcoReference No.: 17020

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

David, M., Mushigeri, S. B., Prashant, M. S., and Mathad, S. G. (2003). Hepato Toxicity of Malathion on the Protein Metabolism in *Catla catla*. *Adv.Biosci.* 22: 115-120 .

EcoReference No.: 82785

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

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

EcoReference No.: 89196

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

Davis, H. C. and Hidu, H. (1969). Effects of Pesticides on Embryonic Development of Clams and Oysters and on Survival and Growth of the Larvae. *Fish.Bull.* 67: 393-404 .

EcoReference No.: 2400

Chemical of Concern:

EDT,24DXY,AZ,CBL,CMPH,DS,DU,HCCH,MLN,PCP,PRN,DDT,NaPCP,DZ,DBAC,DCB,TC C; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(TCC,CBL,AZ,DCB,DZ,PCP,NaPCP,DBAC,MLN),OK(ALL CHEMS).

Day, B. L., Walser, M. M., Sharma, J. M., and Andersen, D. E. (1995). Immunopathology of 8-Week-Old Ring-Necked Pheasants (*Phasianus colchicus*) Exposed to Malathion. *Environ.Toxicol.Chem.* 14: 1719-1726.

EcoReference No.: 63276

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

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

EcoReference No.: 73331

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

Degraeve, N., Chollet, M.-C., and Moutschen, J. (1984). Cytogenetic Effects Induced by Organophosphorus Pesticides in Mouse Spermatocytes. *Toxicol.Lett.* 21: 315-319 .

EcoReference No.: 74873

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

Degraeve, N. and Moutschen, J. (1984). Genetic and Cytogenetic Effects Induced in the Mouse by an Organophosphorus Insecticide: Malathion. *Environ.Res.* 34: 170-174 .

EcoReference No.: 36391

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

Deka, N., Borah, D. C., and Das, P. K. (1998). Insecticidal Control Against Major Insect Pests of Mungbean (*Vigna radiata* (L.) Wilczek). *Ann.Biol.(Hissar)* 14: 195-198.

Chemical of Concern: MLN; Habitat: T; Rejection Code: OK TARGET,NO CROP(MLN).

Del, M., Vila, C., and De Viale, L. C. S. M. (1982). Effect of Parathion, Malathion, Endosulfan and Chlordane on Porphyrin Accumulation and Alasynthetase in Chick Embryo Liver. *Toxicology* 25: 323-332.

EcoReference No.: 89476

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

Delaney, J. M. and Wilkins, R. M. (1995). Toxicity of Microcystin-LR, Isolated from *Microcystis aeruginosa*, Against Various Insect Species. *Toxicon* 33: 771-778.

EcoReference No.: 19998

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

Desai, P. V. (1987). Alterations in the Intestinal Absorption of Xylose Induced by Parathion and Malathion in *Labeo rohita*. *Geobios* 14: 176-177.

EcoReference No.: 89194

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

Deshmukh, D. T., Raote, Y. V., Bhandarkar, A. G., and Bhagwat, S. S. (1991). Study of Effect of Insecticide Toxicity on Leucocytic Response of Chicks. *P.K.V.Res.J.* 15: 55-58.

EcoReference No.: 89475

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

Deshmukh, D. T., Raote, Y. V., Bhandarkar, A. G., and Bhagwat, S. S. (1991). Study on Effect of Insecticide Toxicity on Haemogram of Chicks. *Poult.Adviser* 24: 41-47.

EcoReference No.: 89390

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

Deshpande, R. R., Shaw, S. S., Shrivastav, R. C., and Mandloi, K. C. (1988). Relative Toxicity of Pesticides Against Red Spider Mite *Eutetranychus-orientalis* Klein on Citrus. *Pesticides (Bombay)* 22: 45-46.

Chemical of Concern: MLN; Habitat: T; Rejection Code: NO TARGET,NO CROP(MLN).

Devasahayam, S. and Koya, K. M. A. (1994). Field Evaluation of Insecticides for the Control of Mussel Scale (*Lepidosaphes piperis* Gr.) on Black Pepper (*Piper nigrum* L.). *J.Entomol.Res.* 18: 213-215.

EcoReference No.: 89124

Chemical of Concern: PPHD,DMT,DDVP,MP,MLN; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK TARGET(MLN),OK(ALL CHEMS),TARGET(MP).

Devillers, J., Meunier, T., and Chambon, P. (1985). Usefulness of the Dosage-Effect-Time Relation in Ecotoxicology for the Determination of Different Chemical Classes of Toxicants (Interet de la Relation Dose-Effet-Temps en Ecotoxicologie pour la Determination des Differentes Classes Chimiques de Toxiques). *Tech.Sci.Munic.* 80: 329-334 (FRE) (ENG ABS).

EcoReference No.: 17456

Chemical of Concern: 24DXY,DMT,DS,DZ,HCCH,MLN,CuS,PCP,Zn,PL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),NO FOREIGN.

Dhamdhare, S. and Mathur, R. (1994). Efficacy of Some Foliar Insecticides Against *Aphis gossypii* Glover Infesting Brinjal. *J.Entomol.Res.* 18: 283-285.

EcoReference No.: 88982

Chemical of Concern: ES,MLN,DMT,CYP,PPHD,FNV,OXD; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS).

Dhingra, S. and Verma, S. (1984). Relative Toxicity of Insecticides to the Adults of *Oxycarenus laetus* Kirby, a Pest of Okra . *J.Entomol.Res.* 8: 111-113.

Chemical of Concern: MLN; Habitat: T; Rejection Code: NO TARGET,NO CROP(MLN).

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EcoReference No.: 35129

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

Dixon, R. D. and Brust, R. A. (1971). Field Testing of Insecticides Used in Mosquito Control, and a Description of the Bioassay Technique Used in Temporary Pools. *J.Econ.Entomol.* 64: 11-14.

EcoReference No.: 2813

Chemical of Concern: CPY,MLN,MXC,FNTH,PPX,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

Doerr, M. D., Brunner, J. F., and Schrader, L. E. (2004). Integrated Pest Management Approach for a New Pest, *Lacanobia subjuncta* (Lepidoptera: Noctuidae), in Washington Apple Orchards. *Pest Manag.Sci.* 60: 1025-1034.

EcoReference No.: 82540

Chemical of Concern:

EMMB,MFZ,TUZ,CBL,TDC,MOM,ES,TMX,ACT,TAP,SS,AZD,AZ,CPY,PSM,MLN,IDC,EFV, KLN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(EMMB,MFZ,TUZ,CBL,TDC,MOM,ES,TMX,ACT,TAP,SS,AZD,AZ,CPY,PSM,MLN,I DC,EFV,KLN).

Dorta, D. M., Vsuki, V., and Rajavel, A. (1993). Evaluation of Organophosphorus and Synthetic Pyrethroid Insecticides Against Six Vector Mosquito Species. *Rev.Saude Publica* 27: 391-397.

EcoReference No.: 77501

Chemical of Concern: ACYP,MLN,DM,TMP; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET MLN,OK(DM,TMP,ACYP).

Dortland, R. J. (1980). Toxicological Evaluation of Parathion and Azinphosmethyl in Freshwater Model Ecosystems. *Versl.Landbouwkd.Onderz* 898: 1-112 (Author Communication Used).

EcoReference No.: 6449

Chemical of Concern: AZ,DZ,MLN,MP,PRN; Habitat: A; Effect Codes:

POP,MOR,BEH,PHY,REP; Rejection Code: LITE EVAL CODED(AZ,DZ,MLN),OK(ALL CHEMS) .

Dowd, P. F., Behle, R. W., McGuire, M. R., Nelsen, T. C., Shasha, B. S., Simmons, F. W., and Vega, F. E. (1998). Adherent Malathion Flour Granules as an Environmentally Selective Control for Chewing Insect Pests of Dent Corn Ears: Insect Control. *J.Econ.Entomol.* 91: 1058-1066.

EcoReference No.: 90700

Chemical of Concern: CSN,SBAK,MLN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(MLN).

Dowd, P. F., Bennett, G. A., McGuire, M. R., Nelsen, T. C., Shasha, B. S., and Simmons, F. W. (1999). Adherent Malathion Flour Granules as an Environmentally Selective Control for Chewing Insect



Pests on Dent Corn Ears: Indirect Reduction of Mycotoxigenic Ear Molds. *J.Econ.Entomol.* 92: 68-75.

EcoReference No.: 90634

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

Dowd, P. F., Pingel, R. L., Ruhl, D., Shasha, B. S., Behle, R. W., Penland, D. R., McGuire, M. R., and Faron II, E. J. (2000). Multiacreage Evaluation of Aerially Applied Adherent Malathion Granules for Selective Insect Control and Indirect Reduction of Mycotoxigenic Fungi in Specialty Corn. *J.Econ.Entomol.* 93: 1424-1428.

EcoReference No.: 58558

Chemical of Concern: MLN,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY),OK TARGET(MLN).

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EcoReference No.: 7856

Chemical of Concern: CHD,DDT,HCCH,MLN,PRN; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

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EcoReference No.: 91569

Chemical of Concern: MLN,DZ,MXC,Naled,DDVP,CBL,PPB; Habitat: T; Effect Codes: BCM,GRO,POP; Rejection Code: LITE EVAL CODED(Naled,MLN),OK(DZ,CBL,PPB).

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EcoReference No.: 86858

Chemical of Concern: Cu,DDT,CdCl,ZnS,MLN,HCCH,PbN; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

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EcoReference No.: 89108

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

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EcoReference No.: 91024

Chemical of Concern: FNV,ES,CBL,DZ,PHSL,AZ,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(CBL,DZ,AZ,MLN,FNV).

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EcoReference No.: 89245  
Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(MLN).

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EcoReference No.: 81907  
Chemical of Concern: LCYT,TLM,CBL,BDC,CPY,DZ,FNT,MLN,ADC; Habitat: T; Effect Codes: MOR,ACC,POP; Rejection Code: LITE EVAL CODED (ADC,CBL,MLN),NO ENDPOINT(DZ),OK(ALL CHEMS).

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EcoReference No.: 90770  
Chemical of Concern: MLN,HCCH,DEM,DMT,DDVP,ES,TCF,CBL,MXC,PPX; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MLN,DMT),OK(CBL).

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EcoReference No.: 89190  
Chemical of Concern: MLN,CPY,CYP,BFT,TCF; Habitat: T; Effect Codes: POP; Rejection Code: OK(TCF),OK TARGET(MLN,CPY,CYP,BFT).

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EcoReference No.: 63828  
Chemical of Concern: CBF,HCCH,EN,MLN,DCM,DMT,CYP,FNV; Habitat: T; Effect Codes: MOR,REP,DVP; Rejection Code: OK(ALL CHEMS),OK TARGET(DMT,MLN,CYP).

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EcoReference No.: 640  
Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,REP,BCM; Rejection Code: LITE EVAL CODED(MLN).

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EcoReference No.: 88727  
Chemical of Concern:  
ETN,Naled,FNV,PRN,ES,OML,PPHD,MTM,MOM,MVP,MLN,DCF,CBL,DZ,AZ,DMT;  
Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(MOM,CBL),NO TARGET,NO CROP(MLN,DMT,Naled).

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Chemical of Concern: CBL,DDVP,MLN; Habitat: T; Effect Codes: PHY,MOR,CEL; Rejection Code: LITE EVAL CODED(MLN,CBL),OK(DDVP).
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Chemical of Concern: CBL,MLN,DDVP; Habitat: T; Effect Codes: BCM,GRO,BEH,PHY,MOR; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(DDVP).
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Chemical of Concern: MLN,DDVP,MLO; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(MLN),OK(DDVP),NO IN VITRO(MLO).
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Chemical of Concern: HCCH,MLN,MP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,BEH; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET MLN.
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EcoReference No.: 69767

Chemical of Concern: RSM,MLN; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK(RSM),OK TARGET(MLN).

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Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).

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EcoReference No.: 89185

Chemical of Concern: DM,Captan,IPD,BMY,CBD,MLN,CBL,PMZ,CYP; Habitat: T; Effect Codes: REP,POP; Rejection Code: LITE EVAL CODED(Captan,MLN),OK(ALL CHEMS).

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EcoReference No.: 90694

Chemical of Concern: OXD,MLN,CPY; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(OXD,CPY),OK TARGET,NO CROP(MLN).

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EcoReference No.: 6830

Chemical of Concern: ATN,AND,PPX,CBL,DLD,HCCH,PRN,DDT,MLN; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(MLN,CBL,ATN),OK(ALL CHEMS),NO COC(MLO).

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Chemical of Concern: PAQT,PDM,TFN,MLN,AZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: LITE EVAL CODED(MLN),OK(PAQT,PDM,TFN,AZ).

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EcoReference No.: 85173

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Chemical of Concern: DM,CYP,PMR,BRSM,MOM,PPX,PTP,TCF,MLN,MXC,DDT,HCCH ;  
Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,BRSM),OK(ALL CHEMS),TARGET(MLN,MOM).
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Chemical of Concern:  
MP, HCB, Zn, Pb, Cr, Cu, Cd, DMT, EN, DLD, AND, BAP, 24DXY, MLN, HCB, DDT, ES, CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,MLN,24DXY),NO ENDPOINT(MP,DMT).
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Chemical of Concern: DDT,PRN,CBL,DDVP,PPX,MLN,DZ,AND,CPY,ATN,HCCH,DLD;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,CBL,DZ,ATN),OK(ALL CHEMS).
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Chemical of Concern: DZ,MLN,ES,TBC,MP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,MLN),OK(TBC,ES).
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Chemical of Concern: CBL,CMPH,DDT,HCCH,TXP,CHD,AND,DLD,Naled,MLN,PRN,AZ;  
Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(Naled,MLN,AZ).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: TARGET(MLN).
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Chemical of Concern: BMY,CBF,CBL,MLN,TCF; Habitat: A; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MLN),OK(CBL).
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Chemical of Concern: MP,CBL,ACP,CPY,DZ,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MP,CBL,ACP,CPY,DZ,MLN).
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Chemical of Concern: ABT,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: DCTP,FNF,PRN,MLN,ACP; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: BRSM,RSM,MLN,PYT,ATN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATN),OK(PYT),OK TARGET(MLN,RSM,BRSM).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(MLN).
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- EcoReference No.: 19281  
Chemical of Concern: ATZ,CBF,MLN,DDVP,As,Cd; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATZ,CBF,MLN),OK(DDVP,As,Cd),NO COC(AZ).
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Chemical of Concern: PSM,MLN,MXC,CBL,CPY,EFV; Habitat: T; Effect Codes: POP; Rejection Code: OK(PSM,MXC,CPY),OK TARGET(EFV,MLN,CBL).

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EcoReference No.: 67777

Chemical of Concern: TBC,MLT,MTL,MLN,BSF,BMC,ATZ,DU,SZ,CPY; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(BMC,MTL,ATZ,SZ,MLN),OK(ALL CHEMS).

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EcoReference No.: 75357

Chemical of Concern: DLD,MLN,CBF,MOM,CBL,AZ; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(CBL,AZ,MOM,MLN),OK(DLD,CBF) .

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EcoReference No.: 81990

Chemical of Concern: CYP,DM,PMR,CPYM,MLN,PIRM; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET MLN.

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EcoReference No.: 89478

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

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EcoReference No.: 77206

Chemical of Concern: Cd,PAH,DDVP,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(Cd,PAH,DDVP).

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EcoReference No.: 89193

Chemical of Concern: FNTH,CPY,FNV,PMR,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(FNTH,FNV),OK TARGET(CPY,PMR,MLN).

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EcoReference No.: 15472

Chemical of Concern: CBF,MLN,MLT,TBC,CuS,ES; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(MLT,CBF,CuS,MLN),OK(ALL CHEMS).

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EcoReference No.: 90652

Chemical of Concern: MLN,FPN,CPY,SS; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,FPN,CPY).

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

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EcoReference No.: 68281

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

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EcoReference No.: 528

Chemical of Concern: AZ,DS,MLN,EN,PRN,DLD,AND,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

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EcoReference No.: 12859

Chemical of Concern: MOM,ACC,BMC,BMN,CBL,CPY,DS,DZ,MLN,PMR,C8OH,ACL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(BMC,CBL,DZ,C8OH,MOM,ACL,MLN),OK(ALL CHEMS).

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EcoReference No.: 62411

Chemical of Concern: ABT,PRN,MP,CPY,MLN; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET MLN,MP.



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Chemical of Concern: MLN; Habitat: T; Rejection Code: NO CROP(MLN).

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

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EcoReference No.: 89283

Chemical of Concern: MLN,DM,PIRM,CPYM,FNT,BDC; Habitat: T; Effect Codes: POP,MOR,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN).

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

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

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EcoReference No.: 69959

Chemical of Concern: MLN,FNV,ADC,PPB,RSM,DZ,DDT; Habitat: T; Effect Codes: MOR; Rejection Code: OK(FNV,PPB,DDT),OK TARGET(MLN,ADC,DZ,RSM) .

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Chemical of Concern: CBL,MLN,PIRM,TVP; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBL,PIRM,TVP),OK TARGET(MLN).

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EcoReference No.: 968

Chemical of Concern: MLN,TBT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE  
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL  
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EcoReference No.: 64555

Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).

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Chemical of Concern: CBL,HCCH,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK  
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Chemical of Concern: CBF,MLN,CHD; Habitat: A; Effect Codes: MOR; Rejection Code:  
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Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE  
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: NO  
DOM(MLN).

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Chemical of Concern: AZ,CPY,DMT,DZ,MLN,MP,PRT,PRN,FNF,OMT; Habitat: A; Effect  
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Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
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Fowl Mites on Caged Laying Hens. *Poult.Sci.* 59: 2424-2430.
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Chemical of Concern: CBL,MLN,CMPH; Habitat: T; Effect Codes: POP; Rejection Code: OK  
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- EcoReference No.: 5074  
Chemical of Concern: MLN,EN,MXC,CBF,HPT; Habitat: A; Effect Codes: MOR,GRO,ACC,REP; Rejection Code: LITE EVAL CODED(CBF,MLN),OK(EN,MXC,HPT).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY,BEH,BCM; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: GYP,LCYT,CYP,ES,PHSL,IMC,MLN,CPR; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CTN),OK(ALL CHEMS),OK TARGET(CYP,MLN).
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Chemical of Concern: MVP,HPT,MLN,MOM,CPY,CBF,Naled,AZ,DMT,PRN,CBL,DLD,AND,DZ,EN,CHD,DDT,ES, MXC,CHD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Naled,CPY,MLN,DMT),OK(ALL CHEMS).
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Chemical of Concern: DZ,DDT,AND,PSM,PMR,MVP,PRN,CPY,Naled,MOM,MLN,DM,CYP,CBF,AZ,FNV,FNF,AC P,AND; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),OK TARGET(DZ,CYP,MLN,Naled,ACP,AZ,PMR),OK(ALL CHEMS).

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Chemical of Concern: DMT,MLN,PIRM; Habitat: T; Effect Codes: BCM,POP,PHY; Rejection Code: LITE EVAL CODED(MLN,DMT).
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Chemical of Concern: IPD,PFF,LNR,MLN,PIRM,DMT,GYP; Habitat: T; Effect Codes: POP,BCM; Rejection Code: LITE EVAL CODED(MLN,DMT),OK(ALL CHEMS).
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Chemical of Concern: DMT,MLN; Habitat: T; Effect Codes: BCM,PHY,POP; Rejection Code: LITE EVAL CODED(DMT,MLN).
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Chemical of Concern:  
TDF,VCZ,PCZ,NaPP,TFN,ILL,PL,PSM,EFV,GYP,PMR,DDT,FNV,Folpet,DM,DCNA,BMY,CY P,DMZ,ACR,AND,ATZ,MLN; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MLN,Folpet,ATZ),OK(ALL CHEMS).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: DM,PIRM,FNTH,DDT,MLO,PPB,MLN; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(MLN,MLO),NO MIXTURE(PPB),OK(DM,PIRM,FNTH,DDT).
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Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).

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EcoReference No.: 63029

Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).

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EcoReference No.: 90643

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

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EcoReference No.: 35214

Chemical of Concern:

SZ,DDT,DZ,PCB,ALD,ATZ,CBL,DLD,EN,HCCH,PRN,PCP,TXP,DMT,Naled,Captan,MLN,MP ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,ATZ,SZ,DMT,MLN,MP,Captan,Naled),OK(ALL CHEMS).

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EcoReference No.: 11596

Chemical of Concern: TMP,FNT,CBL,PRN,FNTH,PPX,MLN; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(MLN,CBL),OK(ALL CHEMS).

Henderson, C. and Pickering, Q. H. (1958). Toxicity of Organic Phosphorus Insecticides to Fish. *Trans.Am.Fish.Soc.* 87: 39-51.

EcoReference No.: 2155

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

Herbert, D. A. Jr. (1991). Control of Bird Cherry-Oat Aphid in Barley, 1990. *Insectic.Acaric.Tests* 16: 142 (28F).

EcoReference No.: 89468

Chemical of Concern: MLN,CYH,EFV,DS; Habitat: T; Effect Codes: POP; Rejection Code: OK(CYH,EFV,DS),NO CROP(TARGET-MLN).

Hermanutz, R. O. (1978). Endrin and Malathion Toxicity to Flagfish (*Jordanella floridae*). *Arch.EnvIRON.Contam.Toxicol.* 7: 159-168.

EcoReference No.: 995

Chemical of Concern: MLN,EN; Habitat: A; Effect Codes: GRO,MOR,REP,ACC; Rejection Code: LITE EVAL CODED(MLN),NO CONTROL(EN).

Hermanutz, R. O., Eaton, J. G., and Mueller, L. H. (1985). Toxicity of Endrin and Malathion Mixtures to Flagfish (*Jordanella floridae*). *Arch.EnvIRON.Contam.Toxicol.* 14: 307-314.

EcoReference No.: 10687

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

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EcoReference No.: 90676

Chemical of Concern: MTM,MLN,MCB; Habitat: T; Effect Codes: ACC; Rejection Code: NO CROP(MLN).

Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *U.S.Fish Wildl.Serv., Fish Wildl.Tech.Rep.No.2* 147 p.

EcoReference No.: 50181

Chemical of Concern:

PRT,ADC,PMR,PRN,PAQT,ACP,Naled,MLN,HCCH,HPT,FNF,EN,ES,TMP,MTAS,MTM,MO M,AND,ATZ,BMY,DCTP,CBL,Captan,CPY,TBO,DZ,DLD,DU,FNTH,AZ,SZ,MP; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ADC,ACP,MLN,MTAS,MTM,MOM,CBL,Captan,DZ,SZ,ATZ,MP,Naled,CPY),OK(ALL CHEMS),NO COC(BMC).

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EcoReference No.: 35243

Chemical of Concern:

24DXY,ABT,ADC,AMTL,AND,ATZ,Captan,CBF,CBL,Cd,Cr,DDT,DLD,DMT,DS,DU,DZ,ES, ETN,FNT,HCCH,Hg,HPT,MCPB,MLN,MP,MRX,MTAS,MXC,Naled,Pb,PCB,PCL,PCP,PQT,P RN,PRT,PYN,RSM,RTN,SZ,TFM,THM,TVP,TXP,Zn,ZnP,As,AZ,OXD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Naled,Captan,MLN,OXD,MTAS,CBL,DZ,ATZ,CBF,ADC,MOM,DMT,SZ,ZnP,RTN,R SM,MCPB,PCP,PRT),OK(ALL CHEMS)/NO RESIDUE(PCB).

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EcoReference No.: 17319

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

Himeidan, Y. E., Dukeen, M. Y., El-Rayah, E. A., and Adam, I. (2004). Anopheles arabiensis: Abundance and Insecticide Resistance in an Irrigated Area of Eastern Sudan. *East.Mediterr.Health J.* 10: 167-174.

EcoReference No.: 87311

Chemical of Concern: FNT,DDT,MLN; Habitat: T; Effect Codes: POP; Rejection Code: TARGET MLN.

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EcoReference No.: 74243

Chemical of Concern: DLD,DCF,FNTH; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),OK(TARGET-MLN).

Hoda, M. Q. and Sinha, S. P. (1991). Protective Role of Ascorbic Acid and Vitamin B-Complex Against Pesticide-Induced Clastogeny in Bone Marrow Cells of Mice. *Int.J.Vitam.Nutr.Res.* 61: 155-158.

EcoReference No.: 75126

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

Hoda, Q., Azfer, M. A., and Sinha, S. P. (1993). Modificatory Effect of Vitamin C and Vitamin B-Complex on Meiotic Inhibition Induced by Organophosphorus Pesticide in Mice *Mus musculus*. *Int.J.Vitam.Nutr.Res.* 63: 48-51.

EcoReference No.: 75127

Chemical of Concern: DMT,MLN; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(DMT,MLN),OK(ALL CHEMS),NO COC(CBL).

Hoda, Q., Badaruddoza, and Afzal, M. (1992). Impact of Vitamin B12 Against Pesticide Induced Mitoinhibition and Clastogeny. *Cytologia* 57: 353-358.

EcoReference No.: 89576

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

Hoda, Q. and Sinha, S. P. (1992). Vitamin B-Complex Mediated Minimisation of Malathion and Rogor Induced Mitoinhibition and Clastogeny. *Cytologia* 57: 477-483.

EcoReference No.: 90626

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

Hoffman, D. J. and Albers, P. H. (1984). Evaluation of Potential Embryotoxicity and Teratogenicity of 42 Herbicides, Insecticides, and Petroleum Contaminants to Mallard Eggs. *Arch.Environ.Contam.Toxicol.* 13 : 15-27.

EcoReference No.: 35249

Chemical of Concern:

ACP,CBL,DZ,DMT,EN,HCCH,MLN,MOM,Naled,PRN,PMR,PSM,SPS,TMP,TXP,AMTL,ATZ, BMN,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(Naled,MLN,CBL,ACP,PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),OK(ALL CHEMS),NO MIXTURE(BMN,MCPA).

Hoffman, D. J. and Eastin Jr, W. C. (1981). Effects of Malathion, Diazinon, and Parathion on Mallard Embryo Development and Cholinesterase Activity. *Environ.Res.* 26: 472-485.

EcoReference No.: 35250

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

Hoffman, E. R. (1995). Biochemical and Fitness Response to Selection with DDT and Malathion in Two Populations of *Chironomus riparius*. *Physiol.Toxicol.Biochem.*: 29-52.



EcoReference No.: 89488

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

Hoffman, E. R. (1995). Comparison of a Field and Laboratory-Derived Population of *Chironomus riparius* (Diptera: Chironomidae): Biochemical and Fitness Evidence for Population Divergence. *Physiol.Toxicol.Biochem.*: 10-28.

EcoReference No.: 89487

Chemical of Concern: PRN,MLN,PPX,DDT; Habitat: A; Effect Codes: MOR,BCM,GRO; Rejection Code: LITE EVAL CODED(MLN),OK(PRN,PPX,DDT).

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EcoReference No.: 89490

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

Hoffman, E. R. (1995). The Genetic and Fitness Effects of Selection with DDT and Malathion in a Field and Derived Laboratory Culture of *Chironomus riparius*. *Physiol.Toxicol.Biochem.*: 53-83.

EcoReference No.: 89489

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

Hoffman, E. R. and Fisher, S. W. (1994). Comparison of a Field and Laboratory-Derived Population of *Chironomus riparius* (Diptera: Chironomidae): Biochemical and Fitness Evidence for Population Divergence. *Physiol.Toxicol.Biochem.* 87: 318-325.

EcoReference No.: 14897

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

Honnegowda, Uppal, R. P., and Garg, B. D. (1985). Effect of Malathion on Blood Glucose, Liver Glycogen, Plasma Corticosterone and Electrolytes Concentrations and Eosinophil Count in Adrenal Demedullated Rats. *Curr.Sci.* 54: 269-271.

EcoReference No.: 89292

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

Howe, F. P., Knight, R. L., McEwen, L. C., and George, T. L. (1996). Direct and Indirect Effects of Insecticide Applications on Growth and Survival of Nestling Passerines. *Ecol.Appl.* 6: 1314-1324.

EcoReference No.: 89113

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

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EcoReference No.: 88087

Chemical of Concern: Naled,TCF,FNT,FNTH,MLN,MOM,CYF,CYP,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(ALL CHEMS),TARGET(Naled).

Hunje, R. V., Kulkarni, G. N., Shashidhara, S. D., and Vyakaranahal, B. S. (1990). Effect of Insecticide and Fungicide Treatment on Cowpea Seed Quality. *Seed Res.* 18: 90-92.

EcoReference No.: 89009

Chemical of Concern: MLN,HCCH,MZB,THM; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK(HCCH,THM),NO CROP(MLN,MZB).

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

EcoReference No.: 88915

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

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

EcoReference No.: 88916

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

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EcoReference No.: 91589

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: OK TARGET(MLN).

Hutchison, W. D., Bartels, D. W., and Rinkleff, J. H. (1994). Alfalfa Insect Control on Spring Regrowth in Minnesota, 1991. *Arthropod Manag.Tests* 19: 169-170 (No. 4F).

EcoReference No.: 88953

Chemical of Concern: MP,PMR,CYH,CPY,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN),TARGET(MP).

Hutchison, W. D., Bartels, D. W., Rinkleff, J. H., Gingera, G. J., and Fossey, C. R. (1994). Alfalfa Insect Control During the Third Regrowth Cycle in Minnesota Alfalfa, 1992. *Arthropod Manag.Tests* 19: 171-172 (No. 5F).

EcoReference No.: 88951

Chemical of Concern: DMT,CPY,PMR,CYH,MLN,MP; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN),TARGET(MP).

Jackson, C. Jr., Lindahl, I. L., Reynolds, P., and Sidwell, G. M. (1975). Effects of Methoxychlor and Malathion on Semen Characteristics of Rams. *J.Anim.Sci.* 40: 514-517.

EcoReference No.: 37274

Chemical of Concern: MLN,MXC; Habitat: T; Effect Codes: REP,CEL; Rejection Code: NO DOM(MLN),OK(MXC).

Jackson, D. M. and Gwynn, G. R. (1988). Tobacco Budworm Control in Tobacco Seed Nurseries, 1987. *Insectic.Acaric.Tests* 13: 304-305 (No. 173F).

EcoReference No.: 88859

Chemical of Concern: PMR,MOM,ACP,CBL,MLN,DDVP; Habitat: T; Effect Codes: POP; Rejection Code: OK(DDVP),OK TARGET(ALL CHEMS).

Jacobson, R. M. and Thriugnanam, M. (1990). New Selective Systemic Aphicides. In: *D.R.Baker, J.G.Fenyas, and W.K.Moberg (Eds.), ACS (Am.Chem.Soc) Symp.Ser.No.443, Chapter 26, Synthesis and Chemistry of Agrichemicals, Washington, D.C. 322-339.*

EcoReference No.: 74350

Chemical of Concern:

PIM,CPY,DMT,ACP,PPHD,FNV,PHSL,MOM,ADC,MLN,DEM,DS,OML,AZ,ES; Habitat: T; Rejection Code: OK TARGET(ADC,DMT,MLN,ACP,AZ),TARGET(MOM).

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EcoReference No.: 89784

Chemical of Concern:

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

James, D. G. (2003). Pesticide Susceptibility of Two Coccinellids (*Stethorus punctum picipes* and *Harmonia axyridis*) Important in Biological Control of Mites and Aphids in Washington Hops. *Biocontrol Sci.Technol.* 13: 253-259.

EcoReference No.: 76934

Chemical of Concern: CPY,MLN,PSM,DZ,DMT,CBL,PIM,MOM,ES,IMC,TMX,BFT; Habitat:

T; Effect Codes: MOR; Rejection Code: TARGET(MLN,BFT,DZ,CBL,MOM).

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

EcoReference No.: 67984

Chemical of Concern:

CaPS,BMY,CBD,CTN,MZB,FRM,IPD,MLX,Cu,PCZ,TDM,VCZ,Zineb,Ziram,CuOH,AZ,CBL,C PY,DZ,DMT,ES,MLN,MDT,DCF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CaPS,CTN,MZB,MLN,DMT),OK(ALL CHEMS),OK TARGET(DZ,AZ,CBL).

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EcoReference No.: 17207

Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE

EVAL CODED(MLN).

Jensen, L. D. and Gaufin, A. R. (1964). Effects of Ten Organic Insecticides on Two Species of Stonefly Naiads. *Trans.Am.Fish.Soc.* 93: 27-34.

EcoReference No.: 2667

Chemical of Concern: AND,AZ,DLD,PRN,DDT,MLN; Habitat: A; Effect Codes: MOR,BEH;

Rejection Code: LITE EVAL CODED(AZ,MLN),OK(ALL CHEMS).

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

EcoReference No.: 62233

Chemical of Concern: PMR,MLN,PYN; Habitat: AT; Effect Codes: MOR,POP; Rejection Code: OK(ALL CHEMS),TARGET MLN.

Jeyasingam, D. N. T., Thayumanavan, B., and Krishnaswamy, S. (1978). The Relative Toxicities of Insecticides on Aquatic Insect *Eretes sticticus* (Linn.) (Coleoptera: Dytiscidae). *J.Madurai Univ.* 7: 85-87.

EcoReference No.: 5182

Chemical of Concern: DDT,ES,FNT,MLN,PMR,HCCH,DLD,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(ALL CHEMS).

Jhala, R. C., Patel, K. G., Patel, C. B., and Shah, A. H. (1990). Field Efficacy of Different Insecticides for the Control of Mango Leaf-Gall Midge *Procontarinia matteiana* Kieffer and Cecconi. *Int.Pest Control* 32: 40-41.

EcoReference No.: 89280

Chemical of Concern: DMT,MLN,ES,MP,OXD,PPHD; Habitat: T; Effect Codes: POP; Rejection Code: OK(DMT,ES,MP,PPHD),OK TARGET(OXD,MLN),TARGET(MP).

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EcoReference No.: 71856

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

Jin, Q. (1997). Effect of Thiocarbamate Herbicides on Chick Embryos. *Ph.D.Thesis, Univ.of Kansas, KS* 176 p.

EcoReference No.: 89017

Chemical of Concern: CPY,MLN,MLO,PRN,CBL,MLT; Habitat: T; Effect Codes: BCM,GRO,CEL; Rejection Code: LITE EVAL CODED(MLN),OK(CPY,PRN,MLT),NO ENDPOINT(MLO,CBL).

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

EcoReference No.: 57089

Chemical of Concern: DDT,MLN,PPHD,DCTP,Naled,CBL,DMT,DLD,EN,DEM,TCF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,Naled,DMT),OK(CBL).

Johansen, C., Jaycox, E. R., and Hutt, R. (1963). The Effect of Pesticides on the Alfalfa Leafcutting Bee, *Megachile rotundata*. *Wash.Agric.Exp.Sta.Circ.No.418* 12 p.

EcoReference No.: 58115

Chemical of Concern: MLN,DEM,DDT,TXP,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

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

EcoReference No.: 75335

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

Johnson, C. R. (1977). The Effects of Field Applied Rates of Five Organophosphorus Insecticides on Thermal Tolerance, Orientation, and Survival in *Gambusia affinis affinis* (Pisces: Poeciliidae). *Proc.Pap.Annu.Conf.Calif.Mosq.Vector Control Assoc.* 45: 56-58.

EcoReference No.: 7504

Chemical of Concern: CPY,MLN,MP; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(MLN),NO CONTROL(MP,CPY).

Johnson, D. R. and Studebaker, G. (1993). Control of Boll Weevils in Cotton, 1991. *Insectic.Acaric.Tests* 18: 228-229 (53F).

EcoReference No.: 90790

Chemical of Concern: MLN,CYF,EFV,LCYT,MP,AZ,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MLN,MP,EFV),OK TARGET(CYF,AZ).

Johnson, D. T. and Mayes, R. L. (1987). Blueberry, Fruitworm Insecticide Test, 1986. *Insectic.Acaric.Tests* 12: 77 (No. 072).

EcoReference No.: 88736

Chemical of Concern: AZ,CBL,DZ,MLN,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY),OK TARGET(AZ,CBL,DZ,MLN).

Johnson, V. J., Rosenberg, A. M., Lee, K., and Blakley, B. R. (2002). Increased T-Lymphocyte Dependent Antibody Production in Female SJL/J Mice Following Exposure to Commercial Grade Malathion. *Toxicology* 170: 119-129.

EcoReference No.: 90644

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

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EcoReference No.: 35285

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

Johnston, G., Dawson, A., and Walker, C. H. (1996). Effects of Prochloraz and Malathion on the Red-Legged Partridge: A Semi-Natural Field Study. *Environ.Pollut.* 91: 217-225.

EcoReference No.: 40317

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

Johnston, G., Walker, C. H., and Dawson, A. (1994). Potentiation of Carbaryl Toxicity to the Hybrid Red-Legged Partridge Following Exposure to Malathion. *Pestic.Biochem.Physiol.* 49: 198-208.

EcoReference No.: 88917

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

Johnston, G., Walker, C. H., Dawson, A., and Furnell, A. (1990). Interactive Effects of Pesticides in the Hybrid Red-Legged Partridge. *Funct.Ecol.* 4: 309-314.

EcoReference No.: 69372

Chemical of Concern: CBL,CPY,DMT,MLN,MLO; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN),OK(CBL),NO CONTROL(DMT,CPY,MLO).

Joia, B. S., Ramzan, M., and Chawla, R. P. (1997). Evaluation of Some Insecticides Applied to Wheat Crop as Pre-Harvest Treatment for Protection Against Stored Grain Insect Pests. *Int.Pest Control* 39: 54-55.

EcoReference No.: 89269

Chemical of Concern: DM,FPP,CYP,FNV,MLN,PMR,PIRM,FYT; Habitat: T; Effect Codes: PHY; Rejection Code: OK(ALL CHEMS),NO CROP,NO TARGET(MLN,MP).

Jones, V. P. and Parrella, M. P. (1984). The Sublethal Effects of Selected Insecticides on Life Table Parameters of *Panonychus citri* (Acari: Tetranychidae). *Can.Entomol.* 116: 1033-1040.

EcoReference No.: 71000

Chemical of Concern: MLN,PMR,OML; Habitat: T; Effect Codes: REP,POP; Rejection Code: OK TARGET(MLN),OK(PMR,OML).

Joshi, H. C., Kapoor, D., Panwar, R. S., and Gupta, R. A. (1975). Toxicity of Some Insecticides to Chironomid Larvae. *Indian J.Environ.Health* 17: 238-241.

EcoReference No.: 7954

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

Jyoti, A., Khan, A. A., Haque, N., Fatima, M., and Barbhuyan, S. I. (1989). Studies on the Effect of Malathion on a Freshwater Fish, *Channa punctatus* (Bloch). *J.Environ.Biol.* 10: 251-257.

EcoReference No.: 89754

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

Kakar, K. L., Bhalla, O. P., and Singh, A. K. (1990). Studies on Pest Complex of French Beans and Their Control Under Mid-Hill Regions in Himachal Pradesh India. *Indian J.Plant Prot.* 18: 71-75.

EcoReference No.: 89369

Chemical of Concern: DCF,PPHD,DCF,FNT,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(DCF,PPHD,DCF,FNT),OK TARGET(MLN).

Kalita, M. C. (1997). Effect of Malathion on Growth, Chlorophyll Biosynthesis and Total Nitrogen Accumulation of *Azolla-Anabaena* Symbionts. *J.Ecotoxicol.Environ.Monit.* 7: 59-63.

EcoReference No.: 72931

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

Kallander, D. B., Fisher, S. W., and Lydy, M. J. (1997). Recovery Following Pulsed Exposure to Organophosphorus and Carbamate Insecticides in the Midge, *Chironomus riparius*. *Arch.Environ.Contam.Toxicol.* 33: 29-33.

EcoReference No.: 18412

Chemical of Concern: PPX,CBL,AD,CCBF,MLN,PRN; Habitat: A; Effect Codes: BCM,CEL,MOR; Rejection Code: LITE EVAL CODED(MLN,CBL,CBF,ADC),OK(PPX,PRN).

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EcoReference No.: 2164

Chemical of Concern: CBL,DZ,MLN,FNT; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(CBL,DZ,MLN),NO CONTROL(FNT).

Kano, R., Lok, C. K., Hayashi, A., and Shinonaga, S. (1978). Resistant Level of Houseflies to Seven Kinds of Synthetic Insecticides and Effect of Synergists to the Malathion Resistant Strain in Singapore. *Bull. Tokyo Med. Dent. Univ.* 25: 143-146.

EcoReference No.: 70019

Chemical of Concern: RSM,DZ,DDT,MLN,DDVP; Habitat: T; Effect Codes: MOR; Rejection Code: OK(DDT,DDVP),OK TARGET(DZ,RSM,MLN).

Kaplan, H. M. and Glaczinski, S. S. (1965). Hematological Effects of Organophosphate Insecticide in the Frog (*Rana pipiens*). *Life Sci.* 4: 1213-1219.

EcoReference No.: 50823

Chemical of Concern: MVP,DZ,PRN,MLN; Habitat: T; Effect Codes: CEL,BEH,PHY,MOR,GRO; Rejection Code: LITE EVAL CODED(MLN),OK(DZ,PRN,MVP).

Karczmar, A. G., Awad, O., and Blachut, K. (1962). Toxicity Arising from Joint Intravenous Administration of EPN and Malathion to Dogs. *Toxicol. Appl. Pharmacol.* 4: 133-147.

EcoReference No.: 90698

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

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EcoReference No.: 6267

Chemical of Concern: CBL,DDT,PPX,MLN,ATN,DDVP,CPY,DLD,CBF; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBL,CBF,ATN,MLN),OK(DDT,PPX,DDVP,CPY,DLD).

Kashyap, N. P. and Hameed, S. F. (1982). Evaluation of Some Organophosphorus Insecticides Against *Dacus cucurbitae* Coquillett on Peach. *Proc. Indian Acad. Sci.* 91: 45-55.

EcoReference No.: 89183

Chemical of Concern: FNT,FNTH,MLN,MP; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: OK(FNT,FNTH),NO TARGET,NO CROP(MLN,MP).

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

EcoReference No.: 50842

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

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

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Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: PPHD,DMT,MLN; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN),OK(PPHD,DMT).
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- EcoReference No.: 522  
Chemical of Concern: AZ,CBL,CMPH,HCCH,MLN,TXP,AND,DLD,DDT,MXC,HPT,CHD,EN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN).
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- EcoReference No.: 14166  
Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN).
- Kaur, K. and Dhawan, A. (1993). Variable Sensitivity of *Cyprinus carpio* Eggs, Larvae, and Fry to Pesticides. *Bull.EnvIRON.Contam.Toxicol.* 50: 593-599 (OECDG Data File).
- EcoReference No.: 6999  
Chemical of Concern: CBF,CBL,MLN,PPHD; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL,CBF,MLN),OK(PPHD).
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- EcoReference No.: 67617  
Chemical of Concern: DZ,PPHD,MLN,FNT,CBL; Habitat: A; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(MLN,DZ,CBL),OK(PPHD,FNT).
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Chemical of Concern: PPHD,DZ,FNT,CBL,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,CBL,DZ),OK(PPHD,FNT).
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Chemical of Concern: MLN,PIRM; Habitat: T; Effect Codes: MOR,BEH,REP; Rejection Code: TARGET MLN.
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EcoReference No.: 50878

Chemical of Concern: DZ,MLN,CBL,CBF,24DXYEE; Habitat: T; Effect Codes: MOR,PHY,BEH; Rejection Code: LITE EVAL CODED(MLN),OK(DZ,CBF,24DXYEE),NO ENDPOINT(CBL).

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EcoReference No.: 17860

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

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EcoReference No.: 4410

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

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EcoReference No.: 88919

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

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

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EcoReference No.: 89295

Chemical of Concern: CYP,CPY,MP,FNT,DMT,MLN,DDV,ACP; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO TARGET,NO CROP(MLN,DMT).

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EcoReference No.: 84380

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

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Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: OK  
TARGET(MLN).
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Chemical of Concern: EN,DLD,DDVP,MLN,PPHD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(EN,DLD,DDVP,PPHD).
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Chemical of Concern: DM,CYP,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK  
TARGET(MLN).
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- EcoReference No.: 89146  
Chemical of Concern: DFZ,MLN,FVL,MP,FNV,PHSL,CYP,ES,DCM; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN,FVL,MP).
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Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: MLN,CBF,CBL,EN,HCCH,CBD,DMT,PCB,NaPCP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,CBF,DMT,NaPCP,MLN),OK(ALL CHEMS).
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EcoReference No.: 89284

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

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

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EcoReference No.: 85496

Chemical of Concern: DDVP,ETN,CBL,DMT,MLN,DZ,PRN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,CBL,DZ),OK(ALL CHEMS) .

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EcoReference No.: 88908

Chemical of Concern: MXC,LNR,MLN; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(MLN),OK(MXC,LNR).

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EcoReference No.: 91592

Chemical of Concern:

DDT,TXP,AND,ES,MLN,MP,DZ,FNT,DDVP,TCF,PHSL,OXD,DMT,PPHD,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,MP,DZ,OXD,DMT,CBL).

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

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EcoReference No.: 4764

Chemical of Concern: Naled,MLN,PPX; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN,Naled).

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Chemical of Concern: RSM,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,RSM).

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EcoReference No.: 87424

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

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EcoReference No.: 74137

Chemical of Concern:

CPYM,FNT,MP,FNTH,DZ,CPY,PRN,MLN,PSM,MDT,DDVP,TVP,CBL,BDC,PIRM,PIM,MO M; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,DZ,CBL,MOM,MP).

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EcoReference No.: 88913

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

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EcoReference No.: 64529

Chemical of Concern: MLN,DMT,TCF,DDVP,FNT,PHSL; Habitat: A; Effect Codes: MOR,BCM,GRO; Rejection Code: LITE EVAL CODED(MLN),NO CONTROL(DMT,FNT),OK(DDVP,TCF,PHSL).

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EcoReference No.: 90420

Chemical of Concern: SFR,MOM,CBL,DDVP,DMT,MLN,PPHD,CPY,PHSL,DCF,ES; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK TARGET(ALL CHEMS).

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Chemical of Concern: ES,DCF,FNT,CPY,DMT,MLN,DEM,PHSL,MOM,CBL,MZB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,MZB),OK TARGET(ES,DCF,FNT,CPY,DMT,DEM,PHSL,MOM,CBL).

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EcoReference No.: 87655

Chemical of Concern: MOM,CBF,CBL,AZ,ES,DLD,MLN; Habitat: T; Effect Codes:

MOR,GRO,CEL; Rejection Code: LITE EVAL  
CODED(CBL,MOM,MLN),OK(CBF,AZ,ES,DLN).

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EcoReference No.: 3251  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL  
CODED(MLN).

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EcoReference No.: 89474  
Chemical of Concern: EDB,MLN,PPHN,CLP; Habitat: T; Effect Codes: REP,GRO,POP,BCM;  
Rejection Code: LITE EVAL CODED(CLP,MLN),OK(PPHN),NO COC(CLPM).

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EcoReference No.: 90620  
Chemical of Concern: CuS,MLN,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE  
EVAL CODED(MLN).

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EcoReference No.: 17209  
Chemical of Concern: MLN; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE  
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Chemical of Concern: MP,MLN; Habitat: T; Rejection Code: TARGET(MLN,MP).

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

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Chemical of Concern: MLN; Habitat: T; Rejection Code: OK TARGET,NO CROP(MLN).

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Chemical of Concern: MLN,PRN,EN; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(MLN),OK(PRN,EN).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BEH,BCM; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: THM,TPM,CBL,MLN; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN),OK(THM,TPM,CBL).
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Chemical of Concern: QZFE,FZFB,FZFPB,PIRM,CYP,PMR,MLN,DM,FNT; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(CYP,PMR,FNT),NO ENDPOINT(QZFE,FZFB,FZFPB,PIRM),NO CROP(TARGET-MLN).
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Chemical of Concern: ABT,MLN,PPX,MXC,CPYM; Habitat: A; Effect Codes: POP; Rejection Code: OK TARGET(MLN),OK(ALL CHEMS).
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Chemical of Concern: CPY,MLN,DM,DFZ,FNT,BDC,FPN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(MLN).

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EcoReference No.: 89083

Chemical of Concern: DMT,OXD,ES,MLN,PPHD,DDVP; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(OXD,MLN),OK(DMT,ES,PPHD,DDVP).

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EcoReference No.: 92153

Chemical of Concern: MLN,FNT,TMT; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN),NO MIXTURE(FNT,TMT).

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

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EcoReference No.: 37664

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

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EcoReference No.: 77207

Chemical of Concern:

ES,DLD,DDT,PMSM,FNT,DZ,CPY,CPYM,MLN,CBL,PPX,BFT,PMR,DM,ACT,HMN;  
Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,BFT,DZ,CBL).

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Chemical of Concern: CPY-Methyl,MLN; Habitat: T; Rejection Code: TARGET(MLN).

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EcoReference No.: 71688

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

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EcoReference No.: 51439

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

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EcoReference No.: 90650

Chemical of Concern: MLN,AZ,CYF,LCYT; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MLN,AZ,CYF).

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EcoReference No.: 2666

Chemical of Concern: MLN,Naled,PRN,DDVP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS).

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EcoReference No.: 70355

Chemical of Concern: HCCH,CHD,AND,DLD,HPT,TXP,EN,DDT,PRN,MLN,MP; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(MP,MLN),OK(ALL CHEMS).

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



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Chemical of Concern:  
EFV,HXZ,GYPI,Maneb,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP,CTN;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
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Chemical of Concern: ABT,PPX,CPY,FNTH,MLN,Naled,FNT,TVP; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,Naled),OK(ALL CHEMS).
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EcoReference No.: 5370

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EcoReference No.: 89310

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

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

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Chemical of Concern: ACP,BFT,CYP,DMT,FPP,MLN,MOM,PPB,PYT; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(PPB,DMT),OK(ALL CHEMS),OK TARGET(CYP,BFT,ACP),TARGET MLN,MOM.

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

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EcoReference No.: 51860

Chemical of Concern:

DINO,CBD,CAP,MZB,Zineb,Ziram,DEM,CPY,DZ,DDVP,FNTH,CBL,MLN,ES,MP,PHSL,DM T,DCF,TDF,MLX,TFR,HCZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CAP,MZB,MLN,MP,TFR,DMT),OK(ALL CHEMS).

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Chemical of Concern:

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

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Chemical of Concern: ES,CPY,CBL,DMT,DCF,MLN,PHSL,FNT,DEM; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,DMT,CBL,CPY) .

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Chemical of Concern: CBL,CPY,DDVP,DCF,DMT,ES,FNT,MLN,MOM,PHSL,PPHD,MZB;  
Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(MLN,MZB),OK  
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Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: LITE  
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Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL  
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EcoReference No.: 69374

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

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EcoReference No.: 89181

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

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

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EcoReference No.: 37837

Chemical of Concern: MDT,AZ,CBF,MOM,CBL,MLN; Habitat: T; Effect Codes: MOR;  
Rejection Code: LITE EVAL CODED(MLN,CBL,CBF,MOM,AZ),OK(MDT).

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Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: LITE EVAL CODED(MLN),NO COC(CBL).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY,MOR; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(MLN).
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- EcoReference No.: 14767  
Chemical of Concern: DDT,AND,DDVP,DZ,EPRN,HCCH,MLN,DLD,EN,HPT,TCF,AZ;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,MLN),OK(ALL CHEMS).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).
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Chemical of Concern: DM,IMP,OML,CYF,DZ,TDC,MLN,TXP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,TDC),OK(ALL CHEMS).

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- EcoReference No.: 74860  
Chemical of Concern: PPB,PIRM,TMP,DDT,CYH,PMR,CPY,MLN,PPX; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),NO MIXTURE(PPB),TARGET(MLN).
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Chemical of Concern: CPY,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN),OK(CPY).
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Chemical of Concern: ALD,DLD,HPT,EN,CHD,MP,Naled,DMT,AZ,MLN,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(DMT,MLN,AZ,CBL),TARGET(Naled,MP).
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Chemical of Concern: TXP,MLN,AZ,PPX,CBL,DZ,FNT; Habitat: T; Effect Codes: POP,MOR,REP; Rejection Code: LITE EVAL CODED(MLN),OK(ALL CHEMS) .
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Chemical of Concern:  
DU,SZ,Hg,Zn,Cu,Cd,MLN,24DXY,Be,Cr,Ag,PL,TOL,BNZ,Ni,GYP,BMC; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(SZ,MLN),OK(ALL CHEMS).
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Chemical of Concern: ACL,CBL,MLN; Habitat: A; Effect Codes: MOR,PHY,BCM,CEL; Rejection Code: LITE EVAL CODED(CBL,ACL,MLN).
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Chemical of Concern: MLN; Habitat: AT; Effect Codes: POP,BCM,BEH; Rejection Code: LITE EVAL CODED(MLN).

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EcoReference No.: 88952

Chemical of Concern: CPY,CBF,PSM,MP,MLN,CBL,PMR; Habitat: T; Effect Codes: POP,BCM; Rejection Code: LITE EVAL CODED(CBL,TARGET-MLN),OK(CPY,CBF,PSM,MP,PMR),NO CROP(MP).

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

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EcoReference No.: 37921

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

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EcoReference No.: 91097

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

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EcoReference No.: 35348

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

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EcoReference No.: 35349

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

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EcoReference No.: 90789

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MLN).

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Chemical of Concern: CBL,DZ,MLN; Habitat: T; Rejection Code: TARGET(MLN,DZ,CBL).



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EcoReference No.: 66427

Chemical of Concern:

MTPN,ACR,CPY,FNTH,MLN,TMP,DFZ,Captan,ATZ,DDT,HCCH,CBL,PPX,PMR,TXP;

Habitat: AT; Effect Codes: GRO; Rejection Code: LITE EVAL

CODED(MLN,CBL,MTPN,ATZ),OK(ALL CHEMS),OK TARGET(Captan).

Messing, R. H., Asquith, A., and Stark, J. D. (1995). Effects of Malathion Bait Sprays on Nontarget Insects Associated with Corn in Western Kauai, Hawaii. *J.Agric.Entomol.* 12: 255-265.

EcoReference No.: 89389

Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,SYS; Rejection Code: OK TARGET(MLN).

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

EcoReference No.: 52202

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

Miah, M. I., Bhutya, B. A., and Saha, K. C. (1995). Toxic Effects of Five Organophosphorus Insecticides on Damselfly (Odonata: Zygoptera) Larvae. *Bangladesh J.Zool.* 23: 55-60.

EcoReference No.: 45081

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

Micinski, S., Kirby, M. L., and Graves, J. B. (1991). Efficacy of Selected Insecticides for Plant Bug Control, 1990. *Insectic.Acaric.Tests* 16: 197-198 (89F).

EcoReference No.: 90646

Chemical of Concern: MLN,OML,ACP,DMT,CPY,MTM,DS,TDC,AZ; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS).

Milam, C. D., Farris, J. L., and Wilhide, J. D. (2000). Evaluating Mosquito Control Pesticides for Effect on Target and Nontarget Organisms. *Arch.Environ.Contam.Toxicol.* 39: 324-328.

EcoReference No.: 56989

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

Miller, B. E., Forcum, D. L., Weeks, K. W., Wheeler, J. R., and Rail, C. D. (1970). An Evaluation of Insecticides for Flea Control on Wild Mammals. *J.Med.Entomol.* 7: 697-702.

EcoReference No.: 69363

Chemical of Concern: DZ,CBL,CPY,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,DZ),OK(ALL CHEMS),TARGET MLN.

Milner, R. J., Miller, L., Lutton, G. G., and Driver, F. (1996). Biological Control of the Black Field Cricket, *Teleogryllus commodus* (Walker) (Orthoptera: Gryllidae), Using the Fungal Pathogen *Metarhizium anisopliae* (Metsch.) Sorokin (Deuteromycotina: Hyphomycetes). *Plant Prot.Q.* 11: 9-13.

EcoReference No.: 89239

Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN).

Mishra, A., Bajpai, P. K., Dutta, K. K., and Ray, P. K. (1986). Alteration in the Caudal Neurosecretory System due to Exposure to Endosulfan and Malathion in the Fresh Water Fish *Heteropneustes fossilis*. *Bionature* 6: 59-63.

EcoReference No.: 89150

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

Mishra, N. C. and Satpathy, J. M. (1984). Selective Toxicity of Some Insecticides Against Cabbage Aphid *Brevicoryne brassicae* and Its Coccinellid Predator *Coccinella repanda*. *Indian J.Plant Prot.* 12: 13-17.

Chemical of Concern: MLN; Habitat: T; Rejection Code: NO CROP(MLN).

Mishra, P. K., Singh, R. N., Goel, A. K., Jayaswal, J., and Thangavelu, K. (1994). Toxicity of Some Insecticides on the Larvae of Red Beetles *Triclyona picea* Jacoby (Coleoptera: Chrysomelidae) - A Pest of Tasar Food Plants. *Indian J.Sericult.* 33: 193-194.

EcoReference No.: 90654

Chemical of Concern: HCCH,ES,MP,MLN,PRT,CBF; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MP,MLN,PRT),OK(CBF).

Mishra, S. K., Padhi, J., and Sahoo, L. (2004). Effect of Malathion on Lipid Content of Liver and Muscles of *Anabas testudineus*. *J.Appl.Zool.Res.* 15: 81-82.

EcoReference No.: 88437

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

Mittal, P. K., Adak, T., and Sharma, V. P. (1991). Acute Toxicity of Certain Organochlorine, Organophosphorus, Synthetic Pyrethroid and Microbial Insecticides to the Mosquito Fish *Gambusia affinis* (Baird and Girard). *Indian J.Malariol.* 28: 167-170.

EcoReference No.: 76700

Chemical of Concern: CYP,FNV,DM,DDT,LCYT,HCCH,FNTH,TMP,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,MLN),OK(ALL CHEMS).

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

EcoReference No.: 82825

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

Mizell III, R. F. and Schiffhauer, D. E. (1984). Control of *Glyphidocera junpierella* Adamski in Container-Grown Juniper, 1984. *Insectic.Acaric.Tests* 11: 411 (No. 539).

EcoReference No.: 88035

- Chemical of Concern: ACP,CBL,MLN,AZ,DZ,CYP,ADC; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ACP,ADC,CBL,MLN,DZ),OK(AZ,CYP).
- Mohamad, B. M. and Van Emden, H. F. (1989). Host Plant Modification to Insecticide Susceptibility in *Myzus persicae* (Sulz.). *Insect Sci.Appl.* 10: 699-703.
- EcoReference No.: 91029  
Chemical of Concern: MLN; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(MLN).
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- Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).
- Mohanty, B. N., Senapati, B., and Patnaik, N. C. (1994). Chemical Control of the Rice Hairy Caterpillar, *Nisaga simplex* in Orissa. *Indian J.Plant Prot.* 22: 110-112 .
- EcoReference No.: 91429  
Chemical of Concern: AND,MLN,HPT,MP,DDVP,ES,PPHD; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN,MP).
- Mohanty-Hejmadi, P. and Dutta, S. K. (1981). Effects of Some Pesticides on the Development of the Indian Bull Frog *Rana tigerina*. *Environ.Pollut.Ser.A* 24: 145-161 .
- EcoReference No.: 6362  
Chemical of Concern: FNT,DDT,DMT,MLN; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(DMT,MLN),OK(DDT,FNT),NO COC(OXD).
- Mohapatra, H., Mishra, B. K., Mishra, P., and Rout, G. (1989). Toxicity of Some Synthetic Pyrethroids Against Angoumois Grain Moth *Sitotroga cerealella* Olivier Infesting Wheat. *Indian J.Plant Prot.* 17: 135-138.
- EcoReference No.: 90656  
Chemical of Concern: MLN,FNV,CYP,DM; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK TARGET(MLN,FNV,CYP).
- Mohsen, Z. H., Ouda, N. A., Al-Faisal, A. H., and Mehdi, N. S. (1985). Toxicity of Mosquito Larvicides to Backswimmer *Anisop sardea* H.S. (Hemiptera: Notonectidae) and Dragonfly *Corcothemt erythraea* Brulle (Odonata: Libellulidae). *J.Biol.Sci.Res.* 16: 273-282.
- EcoReference No.: 89593  
Chemical of Concern: DDT,MLN,TMP,AZM,CYP; Habitat: A; Effect Codes: MOR; Rejection Code: OK(DDT,TMP,AZM),OK TARGET(MLN,CYP).
- Mohsen, Z. H., Ouda, N. A., and Zaiya, H. H. (1989). Predatory Efficiency and Tolerance of *Gambusia affinis* to Mosquito Larvicides. *J.Biol.Sci.Res.* 20: 528-536.
- EcoReference No.: 184  
Chemical of Concern: FYC,MLN,TMP,CYP,DM,PMR,CYR,LCYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,MLN),NO CONTROL(ALL CHEMS).
- Morishita, M. (2001). Toxicity of Some Insecticides to Larvae of *Flankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae) Evaluated by the Petri Dish-Spraying Tower Method. *Appl.Entomol.Zool.* 36: 137-141.

- EcoReference No.: 82021  
Chemical of Concern:  
PRB,EMMB,THO,ACT,EFX,TDL,PIM,PHSL,PIRM,DMT,FNTH,MLN,DDVP,ACT,LUF,TCF,  
CYP,ES,SS,IMC,FVL,PMR,CBL,MOM,ALP,FNT,MDT,CPY,FF,DZ,BFT; Habitat: T; Effect  
Codes: MOR; Rejection Code: TARGET(,MLN,DZ,CBL,MOM).
- Morse, J. G., Urena, A. A., Brawner, O. L., and Salazar-Marroquin, J. (1987). Control of Fuller Rose  
Beetle in Pruned and Unpruned Citrus, 1986. *Insectic.Acaric.Tests* 12: 86 (No. 087).
- EcoReference No.: 88731  
Chemical of Concern: CBL,AZ,MLN,FTTCl,MDT,CYT; Habitat: T; Effect Codes: POP;  
Rejection Code: OK(FTTCl,MDT,CYT),OK TARGET(CBL,AZ,MLN).
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Control of the Lone Star Tick Tested in the Laboratory and as High Volume and Ultra Low  
Volume Sprays in Wooded Areas. *J.Econ.Entomol.* 61: 1005-1007.
- EcoReference No.: 52433  
Chemical of Concern: FNT,CPY,ABT,MLN,DMT,FNTH,DZ,DDT,CBL,Naled,DDVP; Habitat:  
T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(DZ,Naled,DMT,MLN,CPY,CBL).
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in Liver & Gills of the Catfish *Clarias batrachus* (Linn.). *Indian J.Exp.Biol.* 16: 688-689.
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Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: LITE  
EVAL CODED(MLN).
- Mulla, M. S. and Khasawinah, A. M. (1969). Laboratory and Field Evaluation of Larvicides Against  
Chironomid Midges. *J.Econ.Entomol.* 62: 37-41.
- EcoReference No.: 2899  
Chemical of Concern: CBF,MLN,MP,FNTH,PRN; Habitat: A; Effect Codes: MOR,PHY;  
Rejection Code: LITE EVAL CODED(MLN),OK(CBF,MP,FNTH,PRN).
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Resistant Strains. *Mosq.News* 24: 312-319.
- EcoReference No.: 4431  
Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE  
EVAL CODED(MLN).
- Mullens, B. A., Velten, R. K., Hinkle, N. C., Kuney, D. R., and Szijj, C. E. (2004). Acaricide Resistance in  
Northern Fowl Mite (*Ornithonyssus sylviarum*) Populations on Caged Layer Operations in  
Southern California. *Poult.Sci.* 83: 365-374.
- EcoReference No.: 87581  
Chemical of Concern: DDVP,TVP,MLN,CBL,PMR; Habitat: T; Effect Codes: MOR; Rejection  
Code: TARGET MLN,CBL.
- Mulrooney, J. E., Howard, K. D., Hanks, J. E., and Jones, R. G. (1997). Application of Ultra-Low-Volume  
Malathion by Air-Assisted Ground Sprayer for Boll Weevil (Coleoptera: Curculionidae) Control.  
*J.Econ.Entomol.* 90: 639-645.
- EcoReference No.: 89289

Chemical of Concern: AZ,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK(AZ,TARGET-MLN).

Murarkar, S. R., Deshmukh, G. J., Bodhade, S. N., and Thakre, H. S. (1996). Effect of Chemical Pest Control of Mulberry (*Morus alba*) on the Performance of Silkworm (*Bombyx mori*. L.). *PKV (Punjabrao Krishi Vidyapeeth) Res.J.* 20: 100-102.

EcoReference No.: 91044

Chemical of Concern: MLN,ES,DDVP; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK TARGET(MLN).

Murphy, S. D. (1980). Toxic Interactions with Dermal Exposure to Organophosphate Insecticides. *Dev.Toxicol.Environ.Sci.* 8: 615-621.

EcoReference No.: 86574

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

Nagabhushanam, R., Gyananath, G., and Sarojini, R. (1983). Toxicity of Three Organophosphate Compounds and Their Effect on the Gonad of Freshwater Prawn, *Macrobrachium lamerrii*. *Indian J.Comp.Anim.Physiol.* 1: 71-75.

EcoReference No.: 71773

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

Naik, R. L., Pokharkar, R. N., and Ajri, D. S. (1987). Relative Efficacy of Certain Pesticides Against Pod Borer on Chickpea Under Field Conditions. *J.Maharashtra Agric.Univ.* 12: 119-120.

EcoReference No.: 89012

Chemical of Concern: HCCH,CBL,PHSL,ES,PMR,MLN,ACP; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS,TARGET-CBL),NO CROP(MLN).

Nair, G. A. and Nair, N. B. (1982). Effect of Certain Organophosphate Biocides on the Juveniles of the Isopod, *Alitropus typus* M. Edwards (Crustacea: Flabellifera: Aegidae). *J.Anim.Morphol.Physiol.* 29: 265-271.

EcoReference No.: 89498

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

Nalecz-Jawecki, G., Kucharczyk, E., and Sawicki, J. (2002). The Sensitivity of Protozoan *Spirostomum ambiguum* to Selected Pesticides. *Fresenius Environ.Bull.* 11: 98-101.

EcoReference No.: 69821

Chemical of Concern:

ACYP,DM,PRM,HCCH,CBL,MOM,MLN,Captan,LNR,GYP,PDM,BT,DMB,DDVP,THM,DOD,IPD,TPE,PDM,PCH,24DXY,MCPA; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,MOM,DMB,Captan),OK(ALL CHEMS).

Naqvi, S. M. and Hawkins, R. (1988). Toxicity of Selected Insecticides (Thiodan, Security, Spartan, and Sevin) to Mosquitofish, *Gambusia affinis*. *Bull.Environ.Contam.Toxicol.* 40: 779-784.

EcoReference No.: 5806

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

Naqvi, S. M. and Hawkins, R. H. (1989). Responses and LC50 Values for Selected Microcrustaceans Exposed to Spartan, Malathion, Sonar, Weedtrine-D, and Oust Pesticides. *Bull. Environ. Contam. Toxicol.* 43: 386-393.

EcoReference No.: 786

Chemical of Concern: MLN,SMM,PMR,ES; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SMM,MLN),OK(ALL CHEMS).

Naqvi, S. N. H., Tabassum, R., Azmi, M. A., and Khan, M. F. (1995). Comparative Toxicities of DDT and Malathion Against Fourth Instar Larvae of *Culex fatigans* from Different Localities of Karachi. *Proc. Pak. Congr. Zool.* 15: 1-9.

EcoReference No.: 61960

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

National Cancer Institute (1978). Bioassay of Malathion for Possible Carcinogenicity. *NCI Tech. Rep. No. 24, DHEW Publ. (NIH) 78-824, U.S. Dep. of Health, Education, and Welfare, Public Health Serv., Natl. Inst. of Health* 102 p.

EcoReference No.: 90648

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

National Cancer Institute (1979). Bioassay of Malathion for Possible Carcinogenicity. *NCI Tech. Rep. No. 192, DHEW Publ. (NIH) 79-1748, U.S. Dep. of Health, Education, and Welfare, Public Health Serv., Natl. Inst. of Health* 102 p.

EcoReference No.: 91065

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

Nazni, W. A., Ursula, M. P., Lee, H. L., and Sa'diyah, I. (1999). Susceptibility of *Musca domestica* L. (Diptera: Muscidae) from Various Breeding Sites to Commonly Used Insecticides. *J. Vector Ecol.* 23: 54-60.

EcoReference No.: 74257

Chemical of Concern: LCYT,MLN,DDT,PMR,BDC; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),OK(TARGET-MLN).

Nelson, S. M. and Roline, R. A. (1998). Evaluation of the Sensitivity of Rapid Toxicity Tests Relative to Daphnid Acute Lethality Tests. *Bull. Environ. Contam. Toxicol.* 60: 292-299.

EcoReference No.: 18961

Chemical of Concern: EDT,24DXY,MLN,Zn,Cd,CuS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CuS,MLN),OK(ALL CHEMS).

Neskovic, N. K., Karan, V. Z., Vitorovic, S. L., and Vojinovic, V. D. (1991). Toxic Effects of Bound Malathion Residues in Rats. *Biomed. Environ. Sci.* 4: 423-432.

EcoReference No.: 90776

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

Nguyen, L. T. H. and Janssen, C. R. (2002). Embryo-Larval Toxicity Tests with the African Catfish (*Clarias gariepinus*): Comparative Sensitivity of Endpoints. *Arch. Environ. Contam. Toxicol.* 42: 256-262.

EcoReference No.: 65919

Chemical of Concern: CdCl<sub>2</sub>,K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>,CuS,NaPCP,MLN; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(MLN,CuS,NaPCP),OK(CdCl<sub>2</sub>,K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>).

Nikoukar, N., Kumar, E. P., Suresh, B., Sualiman, S. M., and Venkataraman, B. V. (1999 ). Blood Cholinesterase Activities after Malathion Poisoning in Liver Injury. *Indian J. Physiol. Pharmacol.* 43: 99-103.

EcoReference No.: 89752

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

Nishiuchi, Y. and Asano, K. (1978). Toxicity of Formulated Agrochemicals to Fresh Water Organisms LII. *Suisan Zoshoku* 26: 26-30 (JPN).

EcoReference No.: 7119

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

Noetzel, D., Ricard, M., and Heuser, L. (1992). Grasshopper Control in Conservation Reserve Program Land, 1991. In: A.K.Burditt, Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 185-186.

EcoReference No.: 79759

Chemical of Concern: MLN,ACP,EFV,CBL,CBF,CPY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(EFV),OK(ALL CHEMS),TARGET(MLN,ACP,CBL).

Noetzel, D., Ricard, M., Heuser, L., and Rustad, D. (1992). Grasshopper Control in Conservation Reserve Program Land; Insecticide Comparisons, 1990. In: A.K.Burditt, Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 178.

EcoReference No.: 79758

Chemical of Concern: CYH,MP,EFV,DMT,CYF,CBL,ACP,CBF,CPY,BFT,MLN; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MLN,EFV,CYF,BFT,ACP,CBL,MP).

Noetzel, D. and Sheets, B. (1992). Foliar Insect Control in Dry Navy Bean, 1991. In: A.K.Burditt, Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 185.

EcoReference No.: 79806

Chemical of Concern: CBF,CBL,MP,CPY,DMT,CYF,MLN,MXC,CYH; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MLN,CYF,CBL,MP).

Noetzel, D. and Sheets, B. (1992). Foliar Insect Control in Lupine, 1989. In: A.K.Burditt, Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 347-348.

EcoReference No.: 79804

Chemical of Concern: ES,EFV,MLN,DMT,CYH,CPY,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MLN,EFV).

Noetzel, D. M. and Holder, B. (1994). Aphid Control in Headed Spring Wheat, Crookston, MN, 1993. *Arthropod Manag.Tests* 19: 291-292 (156F).

EcoReference No.: 89094

Chemical of Concern: DMT,MP,MLN,DS,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(MLN,MP).

Noetzel, D. M. and Holder, B. (1993). New Aphicides for Use in Spring Wheat, 1993. *Arthropod Manag.Tests* 19: 291-292 (F155).

EcoReference No.: 91045

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

Noetzel, D. M., Miller, J., and Holder, B. (1994). Aphid Control in Headed Spring Wheat Using M-Pede and M-Pede Combinations, Mahanomen, MN, 1993. *Arthropod Manag.Tests* 19: 294 (No. 159F).

EcoReference No.: 89091

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

Noetzel, D. M., Miller, J., and Holder, B. (1994). Aphid Control in Wheat, Mahanomen, MN, 1993. *Arthropod Manag.Tests* 19: 293 (No. 158F).

EcoReference No.: 89090

Chemical of Concern: MLN,MP,PMR,CBF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN,MP),OK(ALL CHEMS).

Noetzel, D. M. and Nygaard, C. (1987). Flea Beetle Control in Canola, 1985. *Insectic.Acaric.Tests* 12: 181 (No. 212).

EcoReference No.: 88715

Chemical of Concern: CBF,CBL,PRT,ES,FNV,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL,MLN).

Nogrady, T. and Keshmirian, J. (1986). Rotifer Neuropharmacology - I. Cholinergic Drug Effects on Oviposition of *Philodina acuticornis* (Rotifera, Aschelminthes). *Comp.Biochem.Physiol.C* 83: 335-338.

EcoReference No.: 74964

Chemical of Concern: DMT,MLN,CBL,TCF; Habitat: A; Effect Codes: REP; Rejection Code: LITE EVAL CODED(DMT,MLN,CBL),OK(TCF).

Nord, J. C. (1990). Toxicities of Insecticide Residues on Loblolly Pine Foliage to Leaf-footed Pine Seed Bug Adults (Heteroptera: Coreidae). *J.Entomol.Sci.* 25: 3-9.

EcoReference No.: 64390

Chemical of Concern: MOM,FNV,DM,AZ,PRM,PSM,FNT,PPX,TCF,MLN,CPYM,CPY,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,MLN,AZ),TARGET(MOM).

Norelius, E. E. and Lockwood, J. A. (1999). The Effects of Reduced Agent-Area Insecticide Treatments for Rangeland Grasshopper (Orthoptera: Acrididae) Control on Bird Densities. *Arch.Enviroin.Contam.Toxicol.* 37 : 519-528.

EcoReference No.: 52733

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



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- EcoReference No.: 89114  
Chemical of Concern: MLN; Habitat: T; Effect Codes: PHY,BEH,GRO,MOR,REP; Rejection Code: LITE EVAL CODED(MLN).
- Okwelogu, T. N. (1968). The Toxicity of Malathion Applied to Washed Concrete. *J.Stored Prod.Res.* 4: 259-260.
- EcoReference No.: 90663  
Chemical of Concern: MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN).
- Ombir, R. C., Batra, G. R., and Khokhar, K. S. (1989). Instant and Effective Chemical Control of Gram Cutworm on Chickpea. *Pesticides (Bombay)* 23: 42-44.
- Chemical of Concern: MLN; Habitat: T; Rejection Code: OK TARGET,NO CROP(MLN).
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- EcoReference No.: 91346  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MLN).
- Ortego, F. and Bowers, W. S. (1996). Induction of Autotomy in the American Bird Grasshopper *Schistocerca americana* (Drury) by the Ecdysone Agonist RH-5849 and Investigation of Its Mode of Action. *Experientia* 52: 42-50.
- EcoReference No.: 83211  
Chemical of Concern: 4AP,DCF,AND,ES,TXP,HCCH,MLN,PRN,SBDA,CBL,CBF,ALD ;  
Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(4AP),OK(ALL CHEMS),TARGET(MLN,CBL).
- Overmyer, J. P., Armbrust, K. L., and Noblet, R. (2003). Susceptibility of Black Fly Larvae (Diptera: Simuliidae) to Lawn-Care Insecticides Individually and as Mixtures. *Environ.Toxicol.Chem.* 22: 1582-1588.
- EcoReference No.: 71060  
Chemical of Concern: CPY,CBL,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,CBL).
- Overmyer, J. P. and Noblet, R. (2003). Influences of a Laboratory Diet and Natural Seston on the Bioavailability of Carbaryl, Chlorpyrifos, and Malathion to Black Fly Larvae (Diptera: Simuliidae) in an Acute Toxicity Test. *Arch.Environ.Contam.Toxicol.* 45: 209-215.
- EcoReference No.: 71063  
Chemical of Concern: CPY,CBL,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN,CBL).
- Ozmen, G. and Akay, M. T. (1993). The Effects of Malathion on Some Hormone Levels and Tissues Secreting These Hormones in Rats. *Vet.Hum.Toxicol.* 35: 22-24.
- EcoReference No.: 89195

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

Padki, P. R. and Narasubhai, A. V. (1993). Changes in the Metabolic Fuel Reserves in the Fat Body of Fifth Instar Eri Silkworm, *Philosamia ricini* Larvae Following Malathion Treatment. *J.Anim.Morphol.Physiol.* 40: 15-18.

EcoReference No.: 82955

Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: TARGET MLN.

Pal, A. K. and Kushwah, H. S. (1998). Effect of Malathion Dipping on Lipid Pattern of Erythrocytes and Brain in Poultry Birds. *Indian J.Anim.Sci.* 68: 160-162.

EcoReference No.: 89051

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

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

EcoReference No.: 91030

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

Palawski, D., Hunn, J. B., and Dwyer, F. J. (1985). Sensitivity of Young Striped Bass to Organic and Inorganic Contaminants in Fresh and Saline Waters. *Trans.Am.Fish.Soc.* 114: 748-753.

EcoReference No.: 11334

Chemical of Concern: Se,Cr,Cu,Cd,TXP,Ni,Zn,AsO5,CBL,MLN,ANT,PHE; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,OW-TRV-Cu,AsO5,MLN),OK(Cd,Ni,Zn,TXP),NO MIXTURE(Ag,Cr,Se).

Panahi, P., Vosough-Ghanbari, S., Pournourmohammadi, S., Ostad, S. N., Nikfar, S., Minaie, B., and Abdollahi, M. (2006). Stimulatory Effects of Malathion on the Key Enzymes Activities of Insulin Secretion in Langerhans Islets, Glutamate Dehydrogenase and Glucokinase. *Toxicol.Mech.Methods* 16: 161-167.

EcoReference No.: 89414

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

Panda, S. and Sahu, S. K. (2000). Assessment of Recovery of Population, Biomass and Reproduction of the Earthworm *Drawida willsi* Following the Application of Malathion Under Field Conditions. *Biol.Fertil.Soils* 32: 82-88.

EcoReference No.: 89517

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

Panda, S. and Sahu, S. K. (1999). Effects of Malathion on the Growth and Reproduction of *Drawida willsi* (Oligochaeta) Under Laboratory Conditions. *Soil Biol.Biochem.* 31: 363-366.

EcoReference No.: 52962

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

- Panda, S. and Sahu, S. K. (2004). Recovery of Acetylcholine Esterase Activity of *Drawida willsi* (Oligochaeta) Following Application of Three Pesticides to Soil. *Chemosphere* 55: 283-290.
- EcoReference No.: 73846  
Chemical of Concern: BTC,MLN,CBF; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBF,MLN).
- Pandey, A. K. (1999). Evaluation of Pesticides for Possible Mutagenesis in the Cyanobacterium *Nostoc calcicola*. *Indian J. Environ. Health* 41: 1-5.
- EcoReference No.: 89877  
Chemical of Concern: MLN,DU,24DXEYE,PCH,ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(ATZ,MLN),OK(DU,24DXEYE,PCH).
- Pandey, P. K., Singh, N. K., Choudhary, B. P., and Thakur, G. K. (1981). Effect of Organophosphorus Insecticide, Malathion, on the Haematology of *Channa punctatus* (Bloch). *J. Inl. Fish. Soc. India* 13: 120-121.
- EcoReference No.: 14673  
Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(MLN).
- Pandey, S., Kumar, R., Sharma, S., Nagpure, N. S., Srivastava, S. K., and Verma, M. S. (2005). Acute Toxicity Bioassays of Mercuric Chloride and Malathion on Air-Breathing Fish *Channa punctatus* (Bloch) . *Ecotoxicol. Environ. Saf.* 61: 114-120.
- EcoReference No.: 81095  
Chemical of Concern: MLN,HgCl<sub>2</sub>; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(MLN).
- Pangtey, V. S. (1990). A Note on the Efficacy of Selected Insecticides Against Gundhi Bug, *Leptocorisca acuta* (Thunberg). *Indian J. Entomol.* 52: 715-717.
- EcoReference No.: 91584  
Chemical of Concern: ES,MP,MLN,CBL,DDVP,TCF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MP,MLN,CBL).
- Pankiw, T. and Jay, S. C. (1992). Aerially Applied Ultra-Low-Volume Malathion Effects on Colonies of Honey Bees (Hymenoptera: Apidae). *J. Econ. Entomol.* 85: 692-699 .
- EcoReference No.: 90657  
Chemical of Concern: MLN; Habitat: T; Effect Codes: POP,MOR,BEH; Rejection Code: LITE EVAL CODED(MLN).
- Panwar, R. S., Gupta, R. A., Joshi, H. C., and Kapoor, D. (1982). Toxicity of Some Chlorinated Hydrocarbon and Organophosphorus Insecticides to *Gastropod, Viviparus bengalensis* Swainson. *J. Environ. Biol.* 3: 31-36.
- EcoReference No.: 14311  
Chemical of Concern: HCCH,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN).
- Pap, L. and Farkas, R. (1994). Monitoring of Resistance of Insecticides in House Fly (*Musca domestica*) Populations in Hungary. *Pestic. Sci.* 40: 245-258.
- EcoReference No.: 70791

Chemical of Concern:  
RSM,DDT,HCCH,MOM,CYP,DM,BRSM,PMR,MLN,TCF,PTP,DFZ,CYR,PYN,PPX; Habitat:  
T; Effect Codes: MOR,POP; Rejection Code: OK  
TARGET(MOM),TARGET(MLN,CYP,RSM).

Pape-Lindstrom, P. A. and Lydy, M. J. (1997). Synergistic Toxicity of Atrazine and Organophosphate Insecticides Contravenes the Response Addition Mixture Model. *Environ.Toxicol.Chem.* 16: 2415-2420.

EcoReference No.: 18128  
Chemical of Concern: ATZ,CPY,MLN,MP,MXC,MVP,TCF; Habitat: A; Effect Codes:  
MOR,BEH,PHY; Rejection Code: LITE EVAL CODED(ATZ,MLN),OK(ALL CHEMS).

Pareek, B. L. and Kavadia, V. S. (1987). Field Evaluation of Insecticides Against Hadda Beetle, *Henosepilachana vigintioctopunctata* Fabr. Infesting Musk Melon. *Indian J.Plant Prot.* 15: 105-107.

EcoReference No.: 89595  
Chemical of Concern: CPY,ETN,PHSL,DCF,CBL,TXP,MLN,ES,DMT; Habitat: T; Effect Codes:  
POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CPY,CBL,MLN,DMT).

Parker, R. D., Deforest, S., and Netardus, A. (1999). Effectiveness of Insecticides and Cost for Controlling Fall Armyworm in Coastal Bermudagrass Pasture, 1998. *Arthropod Manage.Tests* 24: 345 (G27).

EcoReference No.: 88128  
Chemical of Concern: CBL,MLN,TUZ,MOM,MP,PMR; Habitat: T; Effect Codes: POP;  
Rejection Code: OK(MP,PMR,TUZ),TARGET(MLN,MOM,CBL,MP).

Parkhurst, Z. E. and Johnson, H. E. (1955). Toxicity of Malathion 500 to Fall Chinook Salmon Fingerlings. *Prog.Fish-Cult.* 17: 113-116.

EcoReference No.: 2159  
Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
CODED(MLN).

Patel, B. H., Upadhyay, V. R., Muralidharan, C. M., and Judal, G. S. (1988). Effect of Various Insecticides on Honey Bee, *Apis florea* Fabricius in 'ber' (*Zizyphus mauritiana* Lamk). *Curr.Sci.(Bangalore)* 57: 1199-1200.

EcoReference No.: 89180  
Chemical of Concern: ES,MP,DEM,FNTH,MLN,DMT; Habitat: T; Effect Codes: POP;  
Rejection Code: LITE EVAL CODED(MLN,MP,DMT),OK(ES,DEM,FNTH).

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

EcoReference No.: 89049  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: LITE  
EVAL CODED(MLN).

Pathiratne, A. and George, S. G. (1998). Toxicity of Malathion to Nile Tilapia, *Oreochromis niloticus* and Modulation by other Environmental Contaminants. *Aquat.Toxicol.* 43: 261-271.

EcoReference No.: 20087  
Chemical of Concern: MLN,PPB,Cd; Habitat: A; Effect Codes: BCM,PHY,MOR; Rejection Code:  
LITE EVAL CODED(PPB,MLN).

Patil, A. S. and Bhole, S. R. (1993). Studies on Life History and Chemical Control of Semilooper on Snake Gourd. *J.Maharashtra Agric.Univ.* 18: 229-231.

EcoReference No.: 89403

Chemical of Concern: ES,MLN,DMT,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ES,DMT,CYP),OK TARGET(MLN).

Patil, C. S., Mote, U. N., Pawar, S. A., and Khaire, V. M. (1990). Evaluation of Insecticides Against *Agrotis ipsilon* on Onion. *Tests Agrochem.Cultiv.* 11: 26-27.

EcoReference No.: 89316

Chemical of Concern: ACP,ES,MP,AND,CBL,MLN,HCCH,MTM; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET,NO CROP(CBL,MLN,MP).

Patil, C. S., Pawar, S. A., Mote, U. N., and Khaire, V. M. (1991). Evaluation of Insecticides Against Flea Beetles on Sorghum. *Tests Agrochem.Cultiv.* 12: 22-23.

EcoReference No.: 89317

Chemical of Concern: ES,MLN,DMT,ACP; Habitat: T; Effect Codes: POP; Rejection Code: OK(ES),OK TARGET(MLN,DMT,ACP).

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

EcoReference No.: 88954

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

Patton, T. W. and Dively, G. P. (1999). Control of Cereal Leaf Beetle in Wheat, 1998. *Arthropod Manage.Tests* 24: 323 (F144).

EcoReference No.: 88129

Chemical of Concern: LCYT,MLN,CYF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(LCYT,CYF),TARGET(CBL,MLN).

Pawar, K. R., Ghate, H. V., and Katdare, M. (1983). Effect of Malathion on Embryonic Development of the Frog *Microhyla ornata* (Dumeril and Bibron). *Bull.Environ.Contam.Toxicol.* 31: 170-176 (OECDG Data File).

EcoReference No.: 10830

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

Perez-Mendoza, J., Fabrick, J. A., Zhu, K. Y., and Baker, J. E. (2000). Alterations in Esterases are Associated with Malathion Resistance in *Habrobracon hebetor* (Hymenoptera: Braconidae). *J.Econ.Entomol.* 93: 31-37.

EcoReference No.: 58592

Chemical of Concern: MLN; Habitat: T; Rejection Code: TARGET(MLN).

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

EcoReference No.: 89115

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

Peterson, J. L. (1972). Biology and Drift of Aquatic Insects in Seasonal Irrigation Waters and Their Susceptibility to ULV Malathion. *Ph.D.Thesis, University of Nebraska, Lincoln, NE* 69 p.

EcoReference No.: 9169

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

Peterson, S. S., Wedberg, J. L., and Hogg, D. B. (1992). Plant Bug (Hemiptera: Miridae) Damage to Birdfoot Trefoil Seed Production. *J.Econ.Entomol.* 85: 250-255.

EcoReference No.: 89122

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

Peterson, S. S., Wedberg, J. L., and Hogg, D. B. (1992). Sweep Counts of the Trefoil Seed Chalcid, *Bruchophagus platypterus* (Walker) (Hymenoptera: Eurytomidae), and Two of Its Parasitoids in Malathion-Treated Plots of Birdfoot Trefoil, and Predicted Damage Based on Sweep Sampling. *J.Agric.Entomol.* 9: 25-35.

EcoReference No.: 89230

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

Pilcher, S. D. and Peairs, F. B. (1986). Control of Rangeland Grasshoppers, Akron, CO, 1985. *Insectic.Acaric.Tests* 11: 316-317 (No. 399).

EcoReference No.: 88671

Chemical of Concern: FNV,ACP,MLN,CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,MLN),OK(FNV,ACP,CBF).

Pillai, G. R., Indira, M., and Vijayammal, P. L. (1991). Effect of Malathion Administration on the Body Pool of Ascorbic Acid and Ascorbic Acid 2-Sulfate in Rats. *J.Ecotoxicol.EnvIRON.Monit.* 1: 277-282.

EcoReference No.: 89313

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

Piri, M. and Ordog, V. (1999). Herbicides and Insecticides Effects on Green Algae and Cyanobacteria Strain. *Iran.J.Fish.Sci.* 1: 47-58.

EcoReference No.: 61937

Chemical of Concern: MLN,DZ,TBC,BTC; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DZ,MLN),OK(BTC,TBC).

Plumb, J. A. and Areechon, N. (1990). Effect of Malathion on Humoral Immune Response of Channel Catfish. *Dev.Comp.Immunol.* 14: 355-358.

EcoReference No.: 89134

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

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

EcoReference No.: 82047

Chemical of Concern: MLN; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET MLN.

Pophaly, D. J. and Marwaha, K. K. (1988). Relative Residual Toxicity of Some Insecticides Against *Pyrilla perpusilla* Walker Infesting Maize. *J.Entomol.Res.(New Delhi)* 12: 12-15.

Chemical of Concern: MLN; Habitat: T; Rejection Code: OK TARGET,NO CROP(MLN).

Potineni, K. (1993). Comparative Efficacy of Conventional and New Insecticides for Control of Citrus Blackfly (*Aleurocanthus woglumi*) (Homoptera: Aleyrodidae). *Indian J.Agric.Sci.* 63: 526-528.

EcoReference No.: 90791

Chemical of Concern: MLN,PPHD,DMT,DFZ,ACP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(DMT,MLN,ACP).

Pournourmohammadi, S., Farzami, B., Ostad, S. N., Azizi, E., and Abdollahi, M. (2005). Effects of Malathion Subchronic Exposure on Rat Skeletal Muscle Glucose Metabolism. *Environ.Toxicol.Pharmacol.* 19: 191-196.

EcoReference No.: 89048

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

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

EcoReference No.: 91911

Chemical of Concern: FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK TARGET(FNV,MP,CPY,AZ,MLN,PMR).

Prabhaker, N., Coudriet, D. L., and Toscano, N. C. (1988). Effect of Synergists on Organophosphate and Permethrin Resistance in Sweetpotato Whitefly Homoptera aleyrodidae. *J.Econ.Entomol.* 81: 34-39.

EcoReference No.: 53285

Chemical of Concern: PMR,PPB,PPX,DDT,SPS,MP,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MP,SPS,PMR,DDT),NO MIXTURE(PPB),TARGET(MLN,MP).

## 2 Papers that Were Accepted for ECOTOX, but not OPP

### Acceptable for ECOTOX but not OPP

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

EcoReference No.: 12706

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

2. Abd-Elraof, T. K., Dauterman, W. C., and Mailman, R. B. (1981). In Vivo Metabolism and Excretion of Propoxur and Malathion in the Rat: Effect of Lead Treatment. *Toxicol.Appl.Pharmacol.* 59: 324-330.  
  
EcoReference No.: 90822  
Chemical of Concern: Pb,MLO,MLN,PPX; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(MLO,MLN).
3. Abdullah, A. R., Sulaiman, A. H., and Zakaria, Z. (1996). Distribution and Excretion of [14C]-Malathion in Haruan (*Channa striata*) Subjected to Acute Exposure of the Insecticide. *Malays.Appl.Biol.* 25: 19-23.  
  
EcoReference No.: 89029  
Chemical of Concern: MLN; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MLN).
4. Abo-El-Seoud, M. A. and Shams-El-Din, A. M. (1996). Ascending and Descending Translocation of 14C-Malathion in Plant-Soil Ecosystem. *Int.J.Envirn.Stud.* 49: 219-226.  
  
EcoReference No.: 72895  
Chemical of Concern: MLN; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MLN).
5. Abo-El-Seoud, M. A., Shams El-Din, A. M., Danial, L. N., and Ahmed, S. M. (1995). Residues and Persistence of Some Organophosphorus Insecticides Applied to Cabbage Plants. *Food Chem.* 54: 137-140.  
  
EcoReference No.: 81648  
Chemical of Concern: MLN,PIRM; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(MLN,PIRM).
6. Acorn, T. and Gibson, M. A. (1979). Histogenesis of the Yolk Sac in Malathion-Treated Chick Embryos. *Can.J.Zool.* 57: 2325-2330.  
  
EcoReference No.: 35556  
Chemical of Concern: MLN; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(MLN).
7. Adlung, K. G. (1957). The Toxicity of Insecticidal and Acaricidal Agents to Fish (Zur Toxizitat Insektizider und Akarizider Wirkstoffe fur Fische). *Naturwissenschaften* 44: 471-472.  
  
EcoReference No.: 935  
Chemical of Concern: TXP,AND,MTAS,HPT,DDT,DZ,HCCH,MLN,PYN,RTN,EN,DEM; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL,NO FOREIGN(ALL CHEMS).
8. Agarwal, S. and Nair, N. B. (1989). Physiological Effect of Malathion on the Brain of Sarotherodon mossambicus. *Curr.Sci.* 58: 1046-1047.  
  
EcoReference No.: 2960  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MLN).
9. Ahamad, I. K., Begum, M. R., Sivaiah, S., and Rao, K. V. R. (1978). Effect of Malathion on Free Amino Acids, Total Proteins, Glycogen and Some Enzymes of Pelecypod Lamellidens marginalis (Lamarck). *Proc.Indian Acad.Sci.Anim.Sci.* 87 B: 377-380.



EcoReference No.: 6800

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

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

EcoReference No.: 8254

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

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

EcoReference No.: 6738

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

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

EcoReference No.: 6739

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

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

EcoReference No.: 89460

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

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

EcoReference No.: 89885

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

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

EcoReference No.: 11000

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

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

EcoReference No.: 10598

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

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

EcoReference No.: 7219

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

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

EcoReference No.: 7085

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

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

EcoReference No.: 6268

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

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

EcoReference No.: 5170

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

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

EcoReference No.: 181

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

22. Amer, S. M., Fahmy, M. A., and Donya, S. M. (1996). Cytogenetic Effect of Some Insecticides in Mouse Spleen. *J.Appl.Toxicol.* 16: 1-3.

EcoReference No.: 75291

Chemical of Concern: CPY,CBL,DDT,MLN,MOM; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

23. Anandhi, D. U. and Murthy, P. S. (1997). Malathion Induced Histochemical Changes in the Hepatocytes Tissue of Gobiid Fish, *Glossogobius giuris*. *J.Ecotocol.Environ.Monit.* 7: 3-9.

EcoReference No.: 46975

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

24. Andersen, R. N. (1982). Variation in Growth Habit and Response to Chemicals Among Three Common Cocklebur (*Xanthium strumarium*) Selections. *Weed Sci.* 30: 339-343.

EcoReference No.: 41284

Chemical of Concern: BT,MLN; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(MLN),OK(BT).

25. Anderson, B. G. (1960). The Toxicity of Organic Insecticides to Daphnia. In: C.M.Tarzwel (Ed.), *Biological Problems in WAtER Pollution, Trans.2nd Seminar, April 20-24, 1959, Tech.Rep.W60-3, U.S.Public Health Service, R.A.Taft Sanitary Engineering Center, Cincinnati, OH 94-95.*

EcoReference No.: 2157

Chemical of Concern: EN,DLN,HPT,DDT,MXC,PRN,MLN,DZ,AND; Habitat: A; Effect Codes: BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

26. Anderson, R. L. and Shubat, P. (1983). Insecticide Effects on Normal Development and Hatch of Embryos of *Paratanytarsus parthenogeneticus* (Diptera: Chironomidae). *Great Lakes Entomol.* 16: 177-181.

EcoReference No.: 10230

Chemical of Concern: FNT,MLN,EN,PCP; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(PCP),OK(FNT),NO ENDPOINT(MLN,EN)// NO SPECIES,RESIDUE,COC(PCB)//.

27. Andreu-Moliner, E. S., Almar, M. M., Legarra, I., and Nunez, A. (1986). Toxicity of Some Ricefield Pesticides to the Crayfish *p. clarkii*, Under Laboratory and Field Conditions in Lake Albufera (Spain). *J.Environ.Sci.Health Part B* 21: 529-537.

EcoReference No.: 12517

Chemical of Concern: CuS,CYF,MLT,CBF,FNT,MLN,TCF,CBL,ES,HCCH; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CBF,CYF),NO MIXTURE(MLT),NO ENDPOINT(CuS,FNT,MLN,TCF,ES,HCCH).

28. Anees, M. A. (1975). Acute Toxicity of Four Organophosphorus Insecticides to a Freshwater Teleost *Channa punctatus* (Bloch). *Pak.J.Zool.* 7: 135-141.

EcoReference No.: 5648

Chemical of Concern: DMT,DZ,MLN,MP; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(DZ,DMT),NO CONTROL(MLN),OK(MP).

29. Anees, M. A. (1974). Susceptibility of a Freshwater Teleost *Channa punctatus* to Acute, Sublethal and Chronic Levels of Organophosphorus Insecticides. *M.S.Thesis, University of Punjab, Pakistan, Xerox University Microfilms M-6941, Masters Abs.* 13: 103 p.

EcoReference No.: 5583

Chemical of Concern: DMT,DZ,MLN,MP; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(DZ,DMT),NO ENDPOINT(MLN,MP).

30. Ankley, G. T., Dierkes, J. R., Jensen, D. A., and Peterson, G. S. (1991). Piperonyl Butoxide as a Tool in Aquatic Toxicological Research with Organophosphate Insecticides. *Ecotoxicol.Environ.Saf.* 21: 266-274.

EcoReference No.: 821

Chemical of Concern: DZ,MLN,MP,PPB; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,PPB),OK(MP),NO CONTROL(MLN).

31. Ansari, B. A. and Kumar, K. (1987). Malathion Toxicity: Effect on the Ovary of the Zebra Fish *Brachydanio rerio* (Cyprinidae). *Int.Rev.Gesamten Hydrobiol.* 72: 517-528.

EcoReference No.: 2656  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM,CEL; Rejection Code: NO  
ENDPOINT(MLN).

32. Ansari, B. A. and Kumar, K. (1984). Malathion Toxicity: In Vivo Inhibition of Acetylcholinesterase in the Fish Brachydanio rerio (Cyprinidae). *Toxicol.Lett.* 20: 283-287.

EcoReference No.: 11359  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: NO  
ENDPOINT(MLN).

33. Ansari, B. A. and Kumar, K. (1987). Malathion Toxicity: Pathological Changes in the Liver of Zebrafish, Brachydanio rerio (Cyprinidae). *Bol.Fisiol.Anim.(Sao Paulo)* 11: 27-34.

EcoReference No.: 3878  
Chemical of Concern: MLN; Habitat: A; Effect Codes: CEL; Rejection Code: NO  
ENDPOINT(MLN).

34. Ansari, B. A., Srivastava, R., and Kumar, K. (1986). Malathion Toxicity: Pathological Changes in the Ovary of Zebrafish, Brachydanio rerio (Cyprinidae). *Bol.Fisiol.Anim.(Sao Paulo)* 10: 95-101.

EcoReference No.: 89359  
Chemical of Concern: MLN; Habitat: A; Effect Codes: REP,CEL; Rejection Code: NO  
ENDPOINT(MLN).

35. Ansari, M. A., Sharma, V. P., Razdan, R. K., and Mittal, P. K. (1990). Field Evaluation of Deltamethrin Against Resistant Anopheles Culicifacies in District Ghaziabad (Uttar pradesh) India. *Indian J.Malariol.* 27: 1-14.

Chemical of Concern: DM; Habitat: T; Rejection Code: NO COC(MLN).

36. Applegate, V. C., Howell, J. H., Hall, A. E. Jr., and Smith, M. A. (1957). Toxicity of 4,346 Chemicals to Larval Lampreys and Fishes. *Spec.Sci.Rep.Fish.No.207, Fish Wildl.Serv., U.S.D.I., Washington, D.C.* 157 p.

EcoReference No.: 638  
Chemical of Concern:  
24DXY,DZ,HCCH,MLN,MP,ACL,NAA,NYP,CST,Cu,RTN,NaN3,Ni,CuS,PCP,NaPCP,NaCr,DBAC,Zn,ATZ,Cd,NaID,Pb,As,DCB,CBL,DMPA; Habitat: A; Effect Codes:  
BEH,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

37. Ardo, J. (1974). K Otazke Akutnej Toxicity Niektorych Pesticidov. (Acute Toxicity of Some Pesticides). *Vodni Hospod.* 24: 222-224 (SLO).

EcoReference No.: 6102  
Chemical of Concern: MLN,DDVP,TCF,PSM; Habitat: A; Rejection Code: NO  
FOREIGN,NO CONTROL(ALL CHEMS).

38. Areechon, N. (1988). Acute and Subchronic Toxicity of Malathion in Channel Catfish. *Diss.Abst.Int.B Sci.Eng.*49(2):274.

EcoReference No.: 822  
Chemical of Concern: MLN; Habitat: A; Effect Codes: MOR.BCM,CEL; Rejection Code:  
NO CONTROL(MLN).

39. Areechon, N. and Plumb, J. A. (1990). Sublethal Effects of Malathion on Channel Catfish, *Ictalurus punctatus*. *Bull. Environ. Contam. Toxicol.* 44: 435-442 (OECDG Data File).
- EcoReference No.: 2537  
Chemical of Concern: MLN; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(MLN).
40. Areekul, S. (1987). Toxicity to Fishes of Insecticides Used in Paddy Fields and Water Resources. I. Laboratory Experiment. *Kasetsart J.20(2):164-178(1986)(THI)(ENG ABS) /C.A.Sel.- Environ. Pollut.* 12: 106-190732T.
- EcoReference No.: 283  
Chemical of Concern: CPY,ADC,PRT,DS,HCCH,CBL,HPT,PPX,FNT,MLN,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,NO CONTROL(ALL CHEMS).
41. Arthur, F. H. (1992). Cyfluthrin WP and EC Formulations to Control Malathion-Resistant Red Flour Beetles and Confused Flour Beetles (Coleoptera: Tenebrionidae): Effects of Paint on Residual Efficacy. *J. Entomol. Sci.* 27: 436-444 .
- EcoReference No.: 63526  
Chemical of Concern: CYF,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(TARGET-CYF)TARGET MLN.
42. Arunachalam, S., Palanichamy, S., Vasanthi, M., and Baskaran, P. (1990). The Impact of Pesticides on the Feeding Energetics and Body Composition in the Freshwater Catfish *Mystus vittatus*. *In: R. Hirano and I. Hanyu (Eds.), Proc. of the 2nd Asian Fisheries Forum, Apr. 17-22, 1989, Tokyo, Japan, Asian Fisheries Society, Manila, Philippines* 939-941.
- EcoReference No.: 4046  
Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: BEH,GRO,PHY,BCM; Rejection Code: NO ENDPOINT(CBL,MLN).
43. Ashour, M.-B. A., Moody, D. E., and Hammock, B. D. (1987). Apparent Induction of Microsomal Carboxylesterase Activities in Tissues of Clofibrate-Fed Mice and Rats. *Toxicol. Appl. Pharmacol.* 89: 361-369.
- EcoReference No.: 89098  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO CONTROL(MLN).
44. Asquith, A. and Messing, R. H. (1992). Attraction of Hawaiian Ground Litter Invertebrates to Protein Hydrolysate Bait. *Environ. Entomol.* 21: 1022-1028.
- EcoReference No.: 90109; Habitat: T; Effect Codes: POP,BEH; Rejection Code: NO COC(MLN).
45. Atkins, E. L., Greywood, E. A., and Macdonald, R. L. (1975). Toxicity of Pesticides and Other Agricultural Chemicals to Honey Bees. *Leaflet 2287, Division of Agricultural Sciences, University of California, Davis, CA* 36 p.
- EcoReference No.: 40218  
Chemical of Concern:  
DDT,MLN,EN,DLD,CBF,CPY,PRN,AND,MP,FNTH,ADC,MVP,ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

46. Attencia, V. M., Ruvolo-Takasusuki, M. C. C., and DeToledo, V. A. A (2005). Esterase Activity in *Apis mellifera* After Exposure to Organophosphate Insecticides (Hymenoptera: Apidae). *Sociobiology* 45: 587-595.
- EcoReference No.: 89010  
Chemical of Concern: MP,MLN; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(MP),NO ENDPOINT(MLN).
47. Awasthi, M., Shah, P., Dubale, M. S., and Gadhia, P. (1984). Metabolic Changes Induced by Organophosphates in the Piscine Organs. *Environ.Res.* 35: 320-325.
- EcoReference No.: 2659  
Chemical of Concern: DMT,MLN; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DMT),NO ENDPOINT(MLN).
48. Awasthi, M. D. and Anand, L. (1987). Translocation and Persistence of Soil and Foliar Insecticides in Radish. *Indian J.Entomol.* 49: 131-136.
- EcoReference No.: 90671  
Chemical of Concern: MLN,CBF,FNV; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT,MIXTURE(CBF,MLN,FNV).
49. Awny, N. M., El-Fouly, M. Z., El-Hawa, M. A., and Zeid, A. A. A. (1996). Effect of Malathion on the Metabolism of Certain Egyptian Soil Microflora. *Egypt.J.Microbiol.* 31: 49-60.
- EcoReference No.: 89033  
Chemical of Concern: MLN; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: NO ENDPOINT(MLN).
50. Ayers, J. C. Jr. and Barden, J. A. (1975). Net Photosynthesis and Dark Respiration of Apple Leaves as Affected by Pesticides. *J.Amer.Soc.Hort.Sci.* 100: 24-28.
- EcoReference No.: 43644  
Chemical of Concern: PHSL,PRN,AZ,BMY,DLD,DOD,ES,FBM,PHSL,PPHD,THM,OML,MLN,Zineb,CBL,Folpet ,DINO; Habitat: T; Effect Codes: BCM; Rejection Code: NO CONTROL,ENDPOINT(Folpet),OK(ALL CHEMS),NO COC(Maneb).
51. Bahner, L. H. and Nimmo, D. R. (1975). Methods to Assess Effects of Combinations of Toxicants, Salinity and Temperature on Estuarine Animals. *Trace Subst.Environ.Health* 9: 169-177.
- EcoReference No.: 2839  
Chemical of Concern: MLN,Cd,MXC,PCB; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
52. Baier, A. H. and Webster, B. D. (1992). Control of *Acanthoscelides obtectus* Say (Coleoptera: Bruchidae) in *Phaseolus vulgaris* L. Seed Stored on Small Farms - II. Germination and Cooking Time. *J.Stored Prod.Res.* 28: 295-299.
- EcoReference No.: 90670  
Chemical of Concern: MLN; Habitat: T; Effect Codes: REP,GRO; Rejection Code: NO CONC(MLN).
53. Bajpai, V. N. and Perti, S. L. (1969). Resistance to Malathion. *Pesticides* 3: 43-45.
- EcoReference No.: 60753

Chemical of Concern: MLN,DZ,DLD,DDT,HCCH,CBL,FNTH; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(MLN),OK(ALL CHEMS).

54. Bakre, P. and Rajasekaran, M. (1989). Acute Toxicity of Certain Pesticides to House Sparrow, *Passer domesticus*. *Geobios* 16: 249-251.

EcoReference No.: 90691

Chemical of Concern: AND,HPT,DMT,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(DMT,MLN).

55. Balakrishnarao, D., Honnegowda, and Narayana, K. (1990). Effect of Malathion on Blood Plasma Concentration and Pharmacokinetics of Sulphadimidine in Buffalo Calves. *Indian J.Anim.Sci.* 60: 1079-1082.

EcoReference No.: 89130

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

56. Balasubramanian, K., Ratnakar, C., Ananthanarayanan, P. H., and Balasubramanian, A. (1987). Histopathological Changes in the Testis of Malathion Treated Albino Rats. *Med.Sci.Res.* 15: 509-510.

EcoReference No.: 89084

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

57. Baldwin, W. S. and LeBlanc, G. A. (1994). Identification of Multiple Steroid Hydroxylases in *Daphnia magna* and Their Modulation by Xenobiotics. *Environ.Toxicol.Chem.* 13: 1013-1021.

EcoReference No.: 66295

Chemical of Concern: PPB,MLN; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(PPB),NO ENDPOINT(MLN).

58. Banerjee, H., Raha, P., Chowdhury, A., Das, A. K., and Adityachaudhury, N. (1989). Studies on the Residual Fate and Dissipation of Malathion, Methylparathion and Quinalphos in Paddy Under West Bengal Climatic Condition. *Trop.Pest Manag.* 35: 365-369.

EcoReference No.: 89103

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

59. Barlas, N. and Kolankaya, D. (1996). A Histopathological Study on the Effects of Commercial and Biodegraded Malathion on Liver, Kidney and Spleen of Mice. *Turk.J.Zool.* 20: 149-154.

EcoReference No.: 89887

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

60. Basak, P. K. and Konar, S. K. (1976). Pollution of Water by Pesticides and Protection of Fishes: Parathion. *Proc.Natl.Acad.Sci.India Sect.B* 46: 382-392 .

EcoReference No.: 60982

Chemical of Concern:

DDT,HCCH,ES,EN,AND,DMT,PRN,MP,MLN,PPHD,CBL,Cu,Captan,FNT; Habitat: A; Effect Codes: MOR,BEH,CEL,GRO,REP; Rejection Code: OK(PRN),NO SURVEY(DDT,HCCH,ES,EN,AND,DMT,MP,MLN,PPHD,CBL,Cu,Captan,FNT).

61. Basha, S. M., Rao, K. S. P., Rao, K. R. S., and Rao, K. V. R. (1983). Differential Toxicity of Malathion, BHC, and Carbaryl to the Freshwater Fish, *Tilapia mossambica* (Peters). *Bull. Environ. Contam. Toxicol.* 31: 543-546.
- EcoReference No.: 10055  
Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS),NO ENDPOINT(MLN).
62. Basha, S. M., Rao, K. S. P., Rao, K. R. S. S., and Rao, K. V. R. (1984). Respiratory Potentials of the Fish (*Tilapia mossambica*) Under Malathion, Carbaryl and Lindane Intoxication. *Bull. Environ. Contam. Toxicol.* 32: 570-574.
- EcoReference No.: 10380  
Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(CBL),NO CONTROL(MLN),OK(HCCH) .
63. Bashamohideen, M., Obilesu, K., and Reddy, P. M. (1987). Behavioral Changes Induced by Malathion and Methyl Parathion in the Freshwater Fish *Tilapia mossambica*. *Environ. Ecol.* 5(2):403-404 / *Aquat. Sci. Fish. Abstr.* 17: 16588-1Q17.
- EcoReference No.: 255  
Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(MLN,MP).
64. Bashamohideen, M., Obilesu, K., and Reddy, P. M. (1988). Effects of Malathion and Methyl Parathion on the Metabolic Changes in the Fish *Tilapia mossambica*. *Environ. Ecol.* 6: 481-483.
- EcoReference No.: 13193  
Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(MLN).
65. Bashamohideen, M. and Sailbala, T. (1989). Acetylcholinesterase Activity in the Tissues of the Common Carp *Cyprinus carpio* (Linnaeus) Subjected to the Sub-Lethal Exposure of Malathion-A Time Course Evaluation. *J. Environ. Biol.* 10: 51-57.
- EcoReference No.: 717  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MLN).
66. Bashamohideen, M., Sujatha, I., and Reddy, P. M. (1988). intoxication Effects of Methyl Parathion and Malathion on the Carbohydrate Metabolism in the Freshwater Field Crab, *Oziotelphusa senex senex* (Fabricius). *Z. Angew. Zool.* 75: 37-42.
- EcoReference No.: 3558  
Chemical of Concern: MLN,MP; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MLN,MP).
67. Baslow, M. H. and Ruggieri, G. (1967). N-Acetylhistidine in Developing Embryos of the Killifish, *Fundulus heteroclitus* and the Zebrafish, *Brachydanio rerio*. *Life Sci.* 6: 609-614.
- EcoReference No.: 89265  
Chemical of Concern: MLN; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MLN).
68. Beard, C. B., Kloter, K. O., Carroll, M. K., Magnuson, L. J., and Trapido, H. (1985). Response of Domestic and Peridomestic Strains of *Aedes aegypti* (Diptera: Culicidae) in New Orleans,



Louisiana, USA, to Organophosphate, Organochlorine, and Pyrethroid Insecticides. *J.Med.Entomol.* 22: 276-280.

EcoReference No.: 11837

Chemical of Concern: DDT,MLN,RSM,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(MLN),OK(DDT,RSM,PMR).

69. Beauvais, S. L., Jones, S. B., Brewer, S. K., and Little, E. E. (2000). Physiological Measures of Neurotoxicity of Diazinon and Malathion to Larval Rainbow Trout (*Oncorhynchus mykiss*) and Their Correlation with Behavioral Measures. *Environ.Toxicol.Chem.* 19: 1875-1880.

EcoReference No.: 47389

Chemical of Concern: DZ,MLN; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(DZ),NO ENDPOINT(MLN).

70. Beehler, J. W., Dhillon, M. S., and Binding, P. L. (1995). Impact of Aerial Malathion for the Eradication of Mediterranean Fruit Fly on Mosquito Larvae. *J.Vector Ecol.* 20: 40-43.

EcoReference No.: 16096

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

71. Belanger, A., Vincent, C., and De Oliveira, D. (1990). A Field Study on Residues of Four Insecticides Used in Strawberry Protection. *J.Environ.Sci.Health Part B* 25: 615-625.

EcoReference No.: 89100

Chemical of Concern: DMT,MLN,PMR,CYP; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).

### 3 *Papers that Were Excluded from ECOTOX*

1. 67). <04 Article Title>. *Food and Cosmetics Toxicology* 5: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
2. 69). <04 Article Title>. *Food and Cosmetics Toxicology* 7: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
3. 69). <04 Article Title>. *Food and Cosmetics Toxicology* 7: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
4. 69). <04 Article Title>. *Food and Cosmetics Toxicology* 7: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
5. 70). <04 Article Title>. *Food and Cosmetics Toxicology* 8: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
6. 71). <04 Article Title>. *Food and Cosmetics Toxicology* 9: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
7. 65). <04 Article Title>. *Food and Cosmetics Toxicology* 3: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.

8. 63). <04 Article Title>. *Food and Cosmetics Toxicology* 1: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
9. 96). <04 Article Title>. *Food Chemistry* 57: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
10. 90). <04 Article Title>. *200th american chemical society national meeting, washington, d.c., Usa, august 26-31, 1990. Abstr pap am chem soc* 200: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
11. <04 Article Title>. *Epa/ots; doc #40-7642395* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
12. 97). <04 Article Title>. *Food and Chemical Toxicology* 35: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
13. <04 Article Title>. *Epa/ots; doc #110-881013* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
14. <04 Article Title>. *Epa/ots; doc #878213668* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
15. <04 Article Title>. *Epa/ots; doc #fyi-ots-0883-0251* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
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17. Abdul-Ghaffar NUAMA (97). <04 Article Title>. *Journal of Toxicology: Clinical Toxicology. Vol. 35, no. 2, pp. 221-222. 1997.* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
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Rec #: 10  
Keywords: MIXTURE
25. Adachi, K., Ohokuni, N., and Mitsuhashi, T. (84). **<04 Article Title>**. *Journal of the Association of Official Analytical Chemists [J. ASSOC. OFF. ANAL. CHEM.]*. Vol. 67, no. 4, pp. 798-800. 1984. <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
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Keywords: EFFLUENT
46. Allen, S. E. , Parkinson, J. A., and Rowland, A. P. (89). <04 Article Title>. *Allen, s. E. (Ed.). Chemical analysis of ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa Oxford, england, uk. Illus. Isbn 0-632-01742-2.; 0: <25 Page(s)>;* Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
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57. Anon (88). <04 Article Title>. *Citrograph* 73: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
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Rec #: 40  
Keywords: REVIEW
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Rec #: 70  
Keywords: NO TOX DATA
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