

## Appendix N. List of citations accepted and rejected by ECOTOX criteria.

The citations in this appendix were accepted by ECOTOX. Citations include the ECOTOX Reference number. References in section H.1 those relevant to carbaryl which were acceptable in ECOTOX. References in section H.2 were those relevant to carbaryl which were not cited within the risk assessment. References in section H.3 those relevant to degradates of carbaryl which were cited within this risk assessment. References in section H.4 were those relevant to degradates of carbaryl which were not cited within the risk assessment. In order to be included in the ECOTOX database, papers must meet the following minimum criteria:

- the toxic effects are related to single chemical exposure;
- the toxic effects are on an aquatic or terrestrial plant or animal species;
- there is a biological effect on live, whole organisms;
- a concurrent environmental chemical concentration/dose or application rate is reported; and
- there is an explicit duration of exposure.

Section H.5 includes the list of exclusion terms and descriptions for citations not accepted by ECOTOX. For carbaryl, there were 2,116 references that were not accepted by ECOTOX for one or more of the reasons included in section H.5. A full list of the citations reviewed and rejected by the criteria for ECOTOX is listed in section H.6.

### N.1. ECOTOX accepted references, relevant to carbaryl, contained more sensitive endpoints than those cited in the IRED

- 6797 Mayer FL Jr.;Ellersieck MR; (1986) Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. "Resour Publ No 160, U S Dep Interior, Fish Wildl Serv , Washington, DC(): 505 p. (USGS Data File)-".
- 17138 Brooke LT; (1991) "Results of Freshwater Exposures with the Chemicals Atrazine, Biphenyl, Butachlor, Carbaryl, Carbazole, Dibenzofuran, 3,3'-Dichlorobenzidine, Dichlorvos, 1,2-Epoxyethylbenzene (Styrene Oxide), Isophor. "Ctr for Lake Superior Environ Stud
- 15683 Zaga A;Little EE;Rabeni CF;Ellersieck MR; (1998) Photoenhanced Toxicity of a Carbamate Insecticide to Early Life Stage Anuran Amphibians. *Environ Toxicol Chem* 17(12): 2543-2553.
- 11521 Khangarot BS;Sehgal A;Bhasin MK; (1985) 'Man and Biosphere' - Studies on the Sikkim Himalayas. Part 6: Toxicity of Selected Pesticides to Frog Tadpole *Rana hexadactyla* (Lesson). *Acta Hydrochim Hydrobiol*
- 47680 Boone MD;Bridges CM; (1999) The Effect of Temperature on the Potency of Carbaryl for Survival of Tadpoles of the Green Frog (*Rana clamitans*). *Environ Toxicol Chem* 18(7): 1482-1484.
- 72411 Bridges CM;Dwyer FJ;Hardesty DK;Whites DW; (2002) Comparative Contaminant Toxicity: Are Amphibian Larvae More Sensitive than Fish?. *Bull Environ Contam Toxicol* 69(4): 562-569.
- 81455 Boone MD;James SM; (2003) "Interactions of an Insecticide, Herbicide, and Natural Stressors in Amphibian Community Mesocosms". *Ecol Appl* 13(3): 829-841.
- 13800 Peterson HG;Boutin C;Martin PA;Freemark KE;Ruecker NJ;Moody MJ; (1994) Aquatic Phyto-Toxicity of 23 Pesticides Applied at Expected Environmental Concentrations. *Aquat Toxicol* 28(3/4): 275-292.

N.2. ECOTOX accepted references, relevant to carbaryl, not utilized or cited within this risk assessment since endpoints were less sensitive than existing data.

1. Abbasi, S. A. and Soni, R. (1991). Studies on the Environmental Impact of Three Common Pesticides with Respect to Toxicity Towards a Larvivore (Channelfish *N. denricus*). *J.Inst.Public Health Eng.(India)* 2: 8-12.

EcoReference No.: 13414

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

2. 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).

3. Agnello, A. M., Spangler, S. M., Reissig, W. H., Lawson, D. S., and Weires, R. W. (1992). Seasonal Development and Management Strategies for Comstock Mealybug (Homoptera: Pseudococcidae) in New York Pear Orchards. *J.Econ.Entomol.* 85: 212-225.

EcoReference No.: 73713

Chemical of Concern: MOM,CPY,CBL,MP,AZ,ES,RSM,EFV,MVP; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK(MOM),TARGET(RSM).

4. Ahdaya, S. M., Shah, P. V., and Guthrie, F. E. (1976). Thermoregulation in Mice Treated with Parathion, Carbaryl, or DDT. *Toxicol.Appl.Pharmacol.* 35: 575-580.

EcoReference No.: 35005

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

5. Ahmad, M., Hollingworth, R. M., and Wise, J. C. (2002). Broad-Spectrum Insecticide Resistance in Obliquebanded Leafroller *Choristoneura rosaceana* (Lepidoptera: Tortricidae) from Michigan. *Pest Manag.Sci.* 58: 834-838.

EcoReference No.: 70966

Chemical of Concern:

IDC,CFP,EMMB,MFZ,TUZ,BFT,ZCYP,AZ,CPY,PSM,CYP,DM,EFV,ES,TDC,MOM,CBL,SS; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZ,IDC,CFP,EMMB,MFZ,TUZ,BFT,ZCYP,CPY,PSM,CYP,DM,EFV,ES,TDC,MOM,CBL,SS).

6. Ahmad, M. and McCaffery, A. R. (1991). Elucidation of Detoxication Mechanisms Involved in Resistance to Insecticides in the Third Instar Larvae of a Field-Selected Strain of *Helicoverpa armigera* with the Use of Synergists. *Pestic.Biochem.Physiol.* 41: 41-52.

EcoReference No.: 74894

Chemical of Concern: PPB,CYP,FNV,DDT,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),TARGET(CYP).

7. Ahrens, W. H. (1990). Enhancement of Soybean (*Glycine max*) Injury and Weed Control by

Thifensulfuron-Insecticide Mixtures. *Weed Technol.* 4: 524-528.

EcoReference No.: 68422

User Define 2: WASH,CALF,SENT

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

8. Akay, M. T., Ozmen, G., and Elcuman, E. A. (1999). Effects of Combinations of Endosulfan, Dimethoate and Carbaryl on Immune and Hematological Parameters of Rats. *Vet.Hum.Toxicol.* 41: 296-299.

EcoReference No.: 75053

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

9. Akberali, H. B., Trueman, E. R., Black, J. E., and Hewitt, C. (1982). The Responses of the Estuarine Bivalve Mollusc *Scrobicularia* to the First Hydrolytic Product of the Insecticide Sevin. *Estuar.Coast.Shelf Sci.* 15: 415-421.

EcoReference No.: 12316

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

10. Almar, M. M., Ferrando, M. M. D., Alarcon, V., Soler, C., and Andreu, E. (1988). Influence of Temperature on Several Pesticides Toxicity to *Melanopsis dufouri* Under Laboratory Conditions. *J.Environ.Biol.* 9: 183-190.

EcoReference No.: 12863

Chemical of Concern: HCCH,TCF,TBC,ES,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

11. Anbu, R. B. and Ramaswamy, M. (1991). Adaptive Changes in Respiratory Movements of an Air-Breathing Fish, *Channa striatus* (Bleeker) Exposed to Carbamate Pesticide, Sevin. *J.Ecobiol.* 3: 11-16.

EcoReference No.: 7529

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

12. 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),OK(FNT,MLN,TCF,ES,HCCH).

13. Anger, W. K. and Wilson, S. M. (1980). Effects of Carbaryl on Variable Interval Response Rates in Rats. *Neurobehav.Toxicol.* 2: 21-24.

EcoReference No.: 87855

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

14. Armstrong, D. A. and Millemann, R. E. (1974). Effects of the Insecticide Carbaryl on Clams and Some

Other Intertidal Mud Flat Animals. *J.Fish.Res.Board Can.* 31: 466-470 (Author Communication Used).

EcoReference No.: 7901

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

15. Armstrong, D. A. and Millemann, R. E. (1974). Effects of the Insecticide Sevin and its First Hydrolytic Product, 1-Naphthol, on Some Early Developmental Stages of the Bay Mussel *Mytilus edulis*. NOAA-75062408, Report No. ORESU-R-74-022: 5p (NTIS COM -75-10967, Reprinted from *Mar.Biol.*28(1):11-15 28: 11, 15 (U.S. Ntis Com75-10967).

EcoReference No.: 5958

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

16. Armstrong, D. A. and Millemann, R. E. (1974). Pathology of Acute Poisoning with the Insecticide Sevin in the Bent-Nosed Clam, *Macoma nasuta*. *J.Invertebr.Pathol.* 24: 201-212.

EcoReference No.: 5670

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

17. Arunachalam, S., Jeyalakshmi, K., and Aboobucker, S. (1980). Toxic and Sublethal Effects of Carbaryl on a Freshwater Catfish, *Mystus vittatus* (Bloch). *Arch.Environ.Contam.Toxicol.* 9: 307-316.

EcoReference No.: 499

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

18. Arunachalam, S. and Palanichamy, S. (1982). Sublethal Effects of Carbaryl on Surfacing Behaviour and Food Utilization in the Air-Breathing Fish, *Macropodus cupanus*. *Physiol.Behav.* 29: 23-27.

EcoReference No.: 15589

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

19. Arunachalam, S., Palanichamy, S., and Balasubramanian, M. P. (1985). Sublethal Effects of Carbaryl on Food Utilization and Oxygen Consumption in the Air-Breathing Fish, *Channa punctatus* (Bloch). *J.Environ.Biol.* 6: 279-286.

EcoReference No.: 11126

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

20. Atallah, Y. H. and Ishak, M. M. (1971). Toxicity of Some Commonly Used Insecticides to the Snail *Biomphalaria alexandrina*, Intermediate Host of *Schistosoma mansoni* in Egypt. *Z.Angew.Entomol.* 69: 102-106.

EcoReference No.: 6332

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

21. Atiri, G. I., Ivbijaro, M. F., and Oladele, A. D. (1991). Effects of Natural and Synthetic Chemicals on

the Incidence and Severity of Okra Mosaic Virus in Okra. *Trop.Agric.* 68: 178-180.

EcoReference No.: 75423

Chemical of Concern: DMT,AZD,CBL,LCYT,CYP; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(AZD),OK(CBL,LCYT),NO MIXTURE(DMT,CYP).

22. Attia, A. M., Reiter, R. J., Nonaka, K. O., Mostafa, M. H., Soliman, S. A., and El-Sebae, A. H. (1991). Carbaryl-Induced Changes in Indoleamine Synthesis in the Pineal Gland and Its Effects on Nighttime Serum Melatonin Concentrations. *Toxicology* 65: 305-314.

EcoReference No.: 87551

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

23. Attia, A. M., Reiter, R. J., Withyachumnarnkul, B., Mostafa, M. H., Soliman, S. A., and El-Sebae, A.-K. H. (1991). Chronic Administration of Sublethal Doses of Carbaryl Increases Pineal N-Acetyltransferase and Hydroxyindole-O-Methyltransferase Activities and Serum Melatonin Levels. *J.Pineal Res.* 10: 49-54.

EcoReference No.: 88396

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

24. Attia, F. I. and Frecker, T. (1984). Cross-Resistance Spectrum and Synergism Studies in Organophosphorus-Resistant Strains of *Oryzaephilus surinamensis* (L.) (Coleoptera: Cucugidae) in Australia. *J.Econ.Entomol.* 77: 1367-1370.

EcoReference No.: 71393

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

25. Babcock, J. M. and Tanigoshi, L. K. (1988). Resistance Levels of *Typhlodromus occidentalis* (Acari: Phytoseiidae) from Washington Apple Orchards to Ten Pesticides. *Exp.Appl.Acarol.* 4: 151-157.

EcoReference No.: 74105

User Define 2: WASHT

Chemical of Concern: CHX,FTT,PPG,AZ,DZ,MOM,CBL,FNV,ES,MDT; Habitat: T; Effect Codes: MOR; Rejection Code: OK.

26. 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),OK(ALL CHEMS).

27. Bansal, S. K., Verma, S. R., Gupta, A. K., and Dalela, R. C. (1980). Predicting Long-Term Toxicity by Subacute Screening of Pesticides with Larvae and Early Juveniles of Four Species of Freshwater Major Carp. *Ecotoxicol.EnvIRON.Saf.* 4: 224-231.

EcoReference No.: 8293

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

28. Bansal, S. K., Verma, S. R., Gupta, A. K., Rani, S., and Dalela, R. C. (1979). Pesticide-Induced Alterations in the Oxygen Uptake Rate of a Freshwater Major Carp *Labeo rohita*. *Ecotoxicol. Environ. Saf.* 3: 374-382.
- EcoReference No.: 5362  
 Chemical of Concern: CHD,DEM,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL),OK(CHD,DEM),NO COC(OXD).
29. Barahona, M. V. and Sanchez-Fortun, S. (1999). Toxicity of Carbamates to the Brine Shrimp *Artemia salina* and the Effect of Atropine, BW284c51, iso-OMPA and 2-PAM on Carbaryl Toxicity. *Environ. Pollut.* 104: 469-476.
- EcoReference No.: 20076  
 Chemical of Concern: ADC,CBL,OML,PPX; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,ADC),OK(OML,PPX).
30. Barlas, N. (1994). The Effects of Commercial and Microorganism-Degraded Solutions of Endosulfan and Carbaryl on Albino Mice. *Turk.J.Zool.* 18: 221-226 .
- EcoReference No.: 87623  
 Chemical of Concern: ES,CBL; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(CBL),OK(ES).
31. Barry, M. J. (1999). The Effects of a Pesticide on Inducible Phenotypic Plasticity in *Daphnia*. *Environ. Pollut.* 104: 217-224.
- EcoReference No.: 20074  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,REP,POP; Rejection Code: LITE EVAL CODED(CBL).
32. Bart, J. (1979). Effects of Acephate and Sevin on Forest Birds. *J.Wildl.Manag.* 43: 544-549.
- EcoReference No.: 35750  
 Chemical of Concern: CBL,ACP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(ACP,CBL).
33. Basak, P. K. and Konar, S. K. (1976). Toxicity of Six Insecticides to Fish. *Geobios* 3: 209-210.
- EcoReference No.: 5649  
 Chemical of Concern: CBL,DMT,HCCH,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DMT),OK(HCCH,DDT).
34. 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).
35. 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:

Code: LITE EVAL CODED(CBL),OK(HCCH,MLN).

36. Baxendale, F. P., Shearman, R. C., and Wit, L. A. (1988). Annual White Grub Control in Kentucky Bluegrass, 1987. *Insectic.Acaric.Tests* 13: 330 (No. 7G).

EcoReference No.: 88813

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

37. Baxendale, F. P., Shearman, R. C., and Wit, L. A. (1988). Control of Annual White Grubs in Kentucky Bluegrass, 1987. *Insectic.Acaric.Tests* 13: 331 (NO. 8G).

EcoReference No.: 88814

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

38. Beauvais, S. L., Jones, S. B., Parris, J. T., Brewer, S. K., and Little, E. E. (2001). Cholinergic and Behavioral Neurotoxicity of Carbaryl and Cadmium to Larval Rainbow Trout (*Oncorhynchus mykiss*). *Ecotoxicol.Environ.Saf.* 49: 84-90.

EcoReference No.: 62051

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

39. Bellows, T. S. Jr. and Morse, J. G. (1993). Toxicity of Insecticides Used in Citrus to *Aphytis Melinus debach* (Hymenoptera: Aphelinidae) and *Rhizobius lophanthae* (Blaisd.) (Coleoptera: Coccinellidae). *Can.Entomol.* 125: 987-994.

EcoReference No.: 59334

Chemical of Concern: MOM,AZ,BFT,EFV,FPP,FVL,CBL,TDC,MVP,Naled,TCF; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MOM),TARGET(FVL).

40. Benitez, E., Nogales, R., Elvira, C., Masciandaro, G., and Ceccanti, B. (1999). Enzyme and Earthworm Activities During Vermicomposting of Carbaryl-Treated Sewage Sludge. *J.Environ.Qual.* 28: 1099-1104.

EcoReference No.: 47469

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

41. Beyers, D. W., Farmer, M. S., and Sikoski, P. J. (1995). Effects of Rangeland Aerial Application of Sevin-4-Oil on Fish and Aquatic Invertebrate Drift in the Little Missouri River, North Dakota. *Arch.Environ.Contam.Toxicol.* 28: 27-34.

EcoReference No.: 14902

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

42. Beyers, D. W., Keefe, T. J., and Carlson, C. A. (1994). Toxicity of Carbaryl and Malathion to Two Federally Endangered Fishes, as Estimated by Regression and ANOVA. *Environ.Toxicol.Chem.* 13: 101-107.

EcoReference No.: 13270

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

43. Beyers, D. W. and Sikoski, P. J. (1994). Acetylcholinesterase Inhibition in Federally Endangered Colorado Squawfish Exposed to Carbaryl and Malathion. *Environ.Toxicol.Chem.* 13: 935-939.
- EcoReference No.: 4444  
Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL),OK(MLN).
44. Bhatia, H. L. (1971). Toxicity of Some Pesticides to *Puntius ticto* (Hamilton). *Sci.Cult.* 37: 160-161.
- EcoReference No.: 962  
Chemical of Concern: CBL,HCCH,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
45. Bhattacharya, S. (1993). Target and Non-Target Effects of Anticholinesterase Pesticides in Fish. *Sci.Total Environ.* (Suppl.): 859-876.
- EcoReference No.: 4311  
Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(CBF).
46. Bhavan, P. S. and Geraldine, P. (2002). Carbaryl-Induced Alterations in Biochemical Metabolism of the Prawn, *Macrobrachium malcolmsonii*. *J.Environ.Biol.* 23: 157-162.
- EcoReference No.: 66392  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
47. Bhunia, A. K., Marik, R., and Banerjee, S. K. (1994). Biochemical Effects of Carbaryl on Nitrogen Assimilating Enzymes of Cyanobacteria *Nostoc muscorum*. *Bull.Environ.Contam.Toxicol.* 52: 886-892.
- EcoReference No.: 13691  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(CBL).
48. Bhunya, S. P. and Sahoo, S. N. (2004). Genotoxic Potential of Carbaryl in the Peripheral Blood Erythrocytes of *Anabas testudineus*. *Indian J.Fish.* 51: 417-423.
- EcoReference No.: 86582  
Chemical of Concern: CBL; Habitat: A; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(CBL).
49. Biediger, D. L., Baumann, P. A., Weaver, D. N., Chandler, J. M., and Merkle, M. G. (1992). Interactions Between Primisulfuron and Selected Soil-applied Insecticides in Corn (*Zea mays*). *Weed Technol.* 6: 807-812.
- EcoReference No.: 83929  
Chemical of Concern: CPY,DZ,TBO,CBL,CBF,DS,FNF; Habitat: T; Effect Codes: PHY,POP,GRO; Rejection Code: LITE EVAL CODED(DZ),OK(ALL CHEMS).
50. Bielecki, A. (1987). The Effect of Phoschlorine, Carbatox and Copper Sulphate on the Development of Eggs and Hatching of Miracidia in *Fasciola hepatica* L. *Zool.Pol.* 34: 209-220.
- EcoReference No.: 87871  
Chemical of Concern: CBL,CuS; Habitat: A; Effect Codes: GRO,MOR; Rejection Code:



LITE EVAL CODED(CBL),OK(CuS).

51. Bierkens, J., Maes, J., and Plaetse, F. V. (1998). Dose-Dependent Induction of Heat Shock Protein 70 Synthesis in *Raphidocelis subcapitata* Following Exposure to Different Classes of Environmental Pollutants. *Environ.Pollut.* 101: 91-97.

EcoReference No.: 19649

Chemical of Concern: CBL,HCCH,PCP,Se,Zn; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(CBL,PCP),OK(Zn,HCCH,Se).

52. Bierkens, J., Maes, J., and Vander Plaetse, F. (1998). Dose-Dependent Induction of Heat Shock Protein 70 Synthesis in *Raphidocelis subcapitata* Following Exposure to Different Classes of Environmental. *Environ.Pollut.* 101: 91-97.

EcoReference No.: 19649

Chemical of Concern: CBL,HCCH,PCP,Se; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PCP),OK(ALL CHEMS).

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EcoReference No.: 88372

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

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EcoReference No.: 79785

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

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EcoReference No.: 62033

Chemical of Concern:

Hg,Cd,CuS,Cr,Zn,Mn,Fe,Pb,Co,Ni,As,CBL,MLN,PRN,HCCH,DM,ATZ,DU,PCP,PL,NaPCP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CuS),NO PUBL AS(PCP,NaPCP),OK(ALL CHEMS).

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EcoReference No.: 62033

Chemical of Concern:

Hg,Cd,CuS,Zn,Mn,Fe,Pb,Co,Ni,As,CBL,CrAC,MLN,PRN,HCCH,DM,ATZ,Du,PL,MP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN,CBL,ATZ,CuS,CrAC),NO PUBL AS(PCP,NaPCP),OK(ALL CHEMS).

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- EcoReference No.: 47680  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 71731  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 84844  
 Chemical of Concern: NHN,CBL; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(NHN).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR,POP; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 81455  
 Chemical of Concern: ATZ,CBL; Habitat: A; Effect Codes: GRO,MOR,POP; Rejection Code: LITE EVAL CODED(CBL,ATZ).
62. Boone, M. D. and Semlitsch, R. D. (2002). Interactions of an Insecticide with Competition and Pond Drying in Amphibian Communities. *Ecol.Appl.* 12: 307-316 .
- EcoReference No.: 86020  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITED EVAL CODED(CBL).
63. Boone, M. D. and Semlitsch, R. D. (2001). Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities. *Conserv.Biol.* 15: 228-238.
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,GRO,MOR; Rejection Code: LITE EVAL CODED(CBL).
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EcoReference No.: 82263  
Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,GRO,MOR; Rejection Code:  
LITE EVAL CODED(CBL).

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EcoReference No.: 86764  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,POP,BCM; Rejection Code: LITE EVAL CODED(CBL).

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EcoReference No.: 68605  
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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EcoReference No.: 79278  
Chemical of Concern: CYH,FNV,PMR,CPY,MOM,EFV,CBL; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(EFV),OK(ALL CHEMS).

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EcoReference No.: 63402  
Chemical of Concern: CPY,CBL,MOM; Habitat: T; Effect Codes: POP; Rejection Code: OK.

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EcoReference No.: 88811  
Chemical of Concern: EP,DZ,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(EP),LITE EVAL CODED(DZ,CBL).

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EcoReference No.: 68895  
Chemical of Concern: ACP,CBL,DZ; Habitat: T; Effect Codes: BCM,REP; Rejection Code: LITE EVAL CODED(DZ,CBL),OK(ALL CHEMS).

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EcoReference No.: 62240  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL).

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 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 18158  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 73007  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 72411  
 Chemical of Concern: NPY,CBL,CuS,PCP,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,PCP),OK(NPY,PMR).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 71881  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BEH,POP; Rejection Code: LITE EVAL CODED(CBL).
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EcoReference No.: 15031  
Chemical of Concern:  
ACR,DNT,PL,4NP,2CP,OPHP,PCP,C8OH,NP,RTN,CPH,NAPH,As,BMN,CBL; Habitat:  
A; Effect Codes: MOR; Rejection Code: LITE EVAL  
CODED(CBL,NAPH,RTN,PCP),OK(ACR,DNT,PL,4NP,2CP,DPHP,NP,CPH,AS,BMN),NO  
PUB AS(C8OH).

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EcoReference No.: 17138  
Chemical of Concern: ATZ,PCB,BTC,CBL,FRN,DDVP,ISO,CHD,PPX,CBZ; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBL,ATZ),OK(ALL CHEMS).

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EcoReference No.: 5722  
Chemical of Concern: CBL,PPN,MLT,CBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(CBF,MLT,PPN).

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EcoReference No.: 63713  
Chemical of Concern:  
AZ,CYP,DZ,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ,AZD; Habitat: T; Effect Codes: MOR,BEH,REP; Rejection Code: LITE EVAL CODED  
(AZ,DZ,CYP,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ, FYC,TUZ,MFZ,AZD).

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EcoReference No.: 9521  
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR,BEH; Rejection Code: LITE EVAL CODED(CBL).

84. Buntin, G. D. (1999). Damage Loss Assessment and Control of the Cabbage Seedpod Weevil (Coleoptera: Curculionidae) in Winter Canola Using Insecticides. *J.Econ.Entomol.* 92: 220-227.

EcoReference No.: 63601  
Chemical of Concern: BFT,EFV,AZD,CBL,MOM,ES,PMR; Habitat: T; Effect Codes: POP,CEL,PHY; Rejection Code: LITE EVAL CODED(BFT,EFV),OK(ALL CHEMS).

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Canola. In: G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA 25-29.

EcoReference No.: 73097

Chemical of Concern: EFV,MLN,ES,PMR,MOM,CBL,MP,PSM,AZD,PRN; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(EFV,MOM,AZD),TARGET(MLN),OK(ALL CHEMS).

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EcoReference No.: 4517

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

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EcoReference No.: 35070

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

88. Bursian, S. J. and Edens, F. W. (1977). The Prolonged Exposure of Japanese Quail to Carbaryl and Its Effects on Growth and Reproductive Parameters. *Bull.EnvIRON.Contam.Toxicol.* 17: 360-368.

EcoReference No.: 35069

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

89. Bursian, S. J. and Edens, F. W. (1979). The Prolonged Exposure of Japanese Quail to Carbaryl and Its Effects on Neurochemical and Blood Chemical Parameters. *Bull.EnvIRON.Contam.Toxicol.* 21: 144-151.

EcoReference No.: 35068

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

90. Butler, J. A., Millemann, R. E., and Stewart, N. E. (1968). Effects of the Insecticide Sevin on Survival and Growth of the Cockle Clam *Clinocardium nuttalli*. *J.Fish.Res.Board Can.* 25: 1621-1635.

EcoReference No.: 17741

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

91. Butler, P. A. (1964). Commercial Fishery Investigations. In: *Pesticide-Wildlife Studies, 1963, U.S.D.I., Fish and Wildl.Serv.,Circ.199* 28 p.(Author Communication Used).

EcoReference No.: 646

Chemical of Concern:  
AZ,DS,HCCH,MLN,MP,Naled,PRT,24DXY,CMPH,DMT,DU,PEB,PSM,NTP,TXP,CBL;  
Habitat: A; Effect Codes: BEH,POP,MOR,GRO,ACC,SYS; Rejection Code: LITE EVAL CODED(AZ, PRT),NO ENDPOINT(DMT).

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*Proc.Natl.Shellfish Assoc.* 51: 23-32.

EcoReference No.: 3708

Chemical of Concern: DCB,DDT,EN,HPT,CBL,DLA,TXP,CHD,RTN; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL,DCB,RTN),OK(ALL CHEMS).

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EcoReference No.: 75045

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

94. Cajaraville, M. P., Marigomez, J. A., and Angulo, E. (1990). Short-Term Toxic Effects of 1-Naphthol on the Digestive Gland-Gonad Complex of the Marine Prosobranch *Littorina littorea* (L): A Light Microscopic Study. *Arch. Environ. Contam. Toxicol.* 19: 17-24.

EcoReference No.: 2999

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

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EcoReference No.: 947

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

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EcoReference No.: 16485

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

97. Calvin, D. and Sammons, C. (1987). Evaluation of Molluscicides for Slug Control, 1986. *Insectic. Acaric. Tests* 12: 192 (No. 225).

EcoReference No.: 88713

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

98. Cambon, C., Declume, C., and Derache, R. (1980). Foetal and Maternal Rat Brain Acetylcholinesterase: Isoenzymes Changes Following Insecticidal Carbamate Derivatives Poisoning. *Arch. Toxicol.* 45: 257-262.

EcoReference No.: 86664

Chemical of Concern: PIM,CBF,ADC,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(ADC,CBL),OK(ALL CHEMS).

99. Campbell, J. R. and Penner, D. (1982). Enhanced Phytotoxicity of Bentazon with Organophosphate and Carbamate Insecticides. *Weed Sci.* 30: 324-326.

EcoReference No.: 61217  
User Define 2: WASH,CALF,SENT  
Chemical of Concern: BT,PRN,MLN,DZ,CBF,CBL  
Endpoint: POP; Habitat : T; Rejection Code: LITE EVAL CODED(CBF).

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EcoReference No.: 61217  
Chemical of Concern: BT,PRN,MLN,DZ,CBF,CBL; Habitat: T; Effect Codes: POP;  
Rejection Code: LITE EVAL CODED(DZ,CBF),OK(ALL CHEMS).

101. Capaldo, P. S. (1987). Effects of Carbaryl (Sevin) on the Stage I Zoeae of the Red-Jointed Fiddler Crab, *Uca minax* (LeConte). *Estuaries* 10: 132-135.

EcoReference No.: 4624  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL).

102. Carlson, A. R. (1971). Effects of Long-Term Exposure to Carbaryl (Sevin) on Survival, Growth, and Reproduction of the Fathead Minnow (*Pimephales promelas*). *J.Fish.Res.Board Can.* 29: 583-587.

EcoReference No.: 5073  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED (CBL).

103. Carlson, R. W. (1990). Ventilatory Patterns of Bluegill (*Lepomis macrochirus*) Exposed to Organic Chemicals with Different Mechanisms of Toxic Action. *Comp.Biochem.Physiol.C* 95: 181-196.

EcoReference No.: 3461  
Chemical of Concern: CF,24DXY,C8OH,NP,CBL,ACC,PCP,RTN,MLN; Habitat: A;  
Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(CBL,C8OH,ACL),OK(ALL CHEMS).

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EcoReference No.: 20097  
Chemical of Concern: NP,ES,CBL,24DXY,STCH,PL,C8OH,CPY,FNV; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL,C8OH),OK(ALL CHEMS).

105. Carpenter, C. P., Weil, C. S., Palm, P. E., Woodside, M. W., Nair III, J. H., and Smyth, H. F. Jr. (1961). Mammalian Toxicity of 1-Naphthyl-N-Methylcarbamate (Sevin Insecticide). *Agric.Food Chem.* 9: 30-39.

EcoReference No.: 70337  
Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM,MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).

106. Carter, F. L. (1971). In Vivo Studies of Brain Acetylcholinesterase Inhibition by Organophosphate and Carbamate Insecticides in Fish. *Ph.D.Thesis, Louisiana State Univ.and Agric.and Mechanical College:202 p.; Diss.Abstr.Int.B Sci.Eng.* 32: 2772-2773 (Publ in Part



As 942).

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),OK(CPY,DCTP,MP).

107. Cathey, B. (1982). Comparative Toxicities of Five Insecticides To The Earthworm, *Lumbricus terrestris*. *Agric. Environ.* 7: 73-81.

EcoReference No.: 40535

Chemical of Concern: PRN,EN,AND,DDT,CBL; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

108. Cathey, B. (1973). Some Morphological and Physiological Studies on the Effects of Carbaryl on the Earthworm, *Lumbricus terrestris*. *Ph.D.Thesis, Michigan State Univ.*, 34: 64p.

EcoReference No.: 59374

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

109. Cecil, H. C., Harris, S. J., and Bitman, J. (1974). Effects of Nonpersistent Pesticides on Liver Weight, Lipids and Vitamin A of Rats and Quail. *Bull. Environ. Contam. Toxicol.* 11: 496-499.

EcoReference No.: 35083

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

110. Chakrawarti, J. B. and Chaurasia, R. C. (1981). Toxicity of Some Organophosphate, Chlorinated and Carbamate Pesticides to Some Fresh Water Fishes. *Indian J.Zool.* 9: 91-93.

EcoReference No.: 13614

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

111. Chandra, K., Reddy, S., and Joshi, G. C. (1990). Effect of Insecticides and Plant Growth Regulators on Plant Growth, Incidence Yield in Brinjal (*Solanum melongena* L.). *J.Res.A.P.A.U.(Andhra Pradesh Agric. Univ.)* 18: 141-145.

EcoReference No.: 75125

Chemical of Concern: DMT,CBL,ES,PHSL; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: LITE EVAL CODED(DMT),OK(ALL CHEMS).

112. Chang, K. H., Sakamoto, M., and Hanazato, T. (2005). Impact of Pesticide Application on Zooplankton Communities with Different Densities of Invertebrate Predators: An Experimental Analysis Using Small-Scale Mesocosms. *Aquat.Toxicol.* 72: 373-382.

EcoReference No.: 80938

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

113. Chang, V. C. S. and Lange, W. H. (1967). Laboratory and Field Evaluation of Selected Pesticides for Control of the Red Crayfish in California Rice Fields. *J.Econ.Entomol.* 60: 473-477.

EcoReference No.: 4678

Chemical of Concern: FNTH,MP,CPY,PRN,DLD,CBL,Captan,THM; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS),NO ENDPOINT(Captan).

114. Chari, M. S. (1992). A Rapid Bioassay Procedure to Determine the Toxicity of Pesticides to *Channa punctatus* Bloch. *J.Inl.Fish.Soc.India* 24: 88-90.

EcoReference No.: 17200

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

115. Chary, M. S., Ramasubbaiah, K., and Bhushan, V. S. (1990). Effect of Certain Modern Insecticides on the Yield of Groundnut. *Indian J.Entomol.* 52: 478-481.

EcoReference No.: 77560

Chemical of Concern: ADC,CYP,PMR,FNV,CBL,DCM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ADC,CYP,CBL),OK(ALL CHEMS).

116. Cheah, M. L., Avault, J. W. Jr., and Graves, J. B. (1980). Acute Toxicity of Selected Rice Pesticides to Crayfish *Procambarus clarkii*. *Prog.Fish-Cult.* 42: 169-172.

EcoReference No.: 5245

Chemical of Concern: 24DXY,Captan,MLT,CuOH,BMY,THM,MP,CBL,MLN,DDN,CBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLT,CuOH),OK(ALL CHEMS).

117. Chernoff, N. and Kavlock, R. J. (1982). An In Vivo Teratology Screen Utilizing Pregnant Mice. *J.Toxicol.Environ.Health* 10: 541-550.

EcoReference No.: 58855

Chemical of Concern: Mirex,NiCL,MRX,CBL,TXP,CCA,EN,BMY,ETU,DCM,HCCP,CHD; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

118. Chin, Y. N. and Sudderuddin, K. I. (1979). Effect of Methamidophos on the Growth Rate and Esterase Activity of the Common Carp *Cyprinus carpio* L. *Environ.Pollut.* 18: 213-220.

EcoReference No.: 5597

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

119. Chitra, S. and Pillai, M. K. K. (1984). Development of Organophosphorus and Carbamate-Resistance in Indian Strains of *Anopheles stephensi* Liston. *Proc.Indian Acad.Sci.Anim.Sci.* 93: 159-170.

EcoReference No.: 12464

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

120. Choudhury, C., Ray, A. K., Bhattacharya, S., and Bhattacharya, S. (1993). Non Lethal Concentrations of Pesticide Impair Ovarian Function in the Freshwater Perch, *Anabas testudineus*. *Environ.Biol.Fish.* 36: 319-324.

EcoReference No.: 4096

Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: LITE

EVAL CODED(CBL).

121. Cilgi, T. and Frampton, G. K. (1994). Arthropod Populations Under Current and Reduced-Input Pesticide Regimes: Results from the First Four Treatment Years of the Maff "Scarab" Project. *Brighton Crop Protection Conference: Pests And Diseases, British Crop Prot.Council, Nov.21-24, 1994, Brighton, England, UK* 1-3: 653-660.
- EcoReference No.: 65262  
Chemical of Concern: ADC,CBL,CYP; Habitat: T; Rejection Code: TARGET(CYP).
122. Coeurdassier, M., Saint-Denis, M., Gomot-De Vaufleury, A., Ribera, D., and Badot, P.-M. (2001). The Garden Snail (*Helix aspersa*) as a Bioindicator of Organophosphorus Exposure: Effects of Dimethoate on Survival, Growth, and Acetylcholinesterase Activity. *Environ.Toxicol.Chem.* 20: 1951-1957.
- EcoReference No.: 63387  
Chemical of Concern: AZ,CBL,MP,TCF,DMT,FNT; Habitat: T; Effect Codes: BEH,MOR,GRO,ACC,PHY; Rejection Code: LITE EVAL CODED(AZ,CBL,DMT),OK(MP,TCF,FNT).
123. Collins, P. J. and Wilson, D. (1987). Efficacy of Current and Potential Grain Protectant Insecticides Against a Fenitrothion-Resistant Strain of the Sawtoothed Grain Beetle, *Oryzaephilus surinamensis* L. *Pestic.Sci.* 20: 93-104.
- EcoReference No.: 70193  
Chemical of Concern: RSM,CBL,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM,CYP).
124. Collins, P. J. and Wilson, D. (1986). Insecticide Resistance in the Major Coleopterous Pests of Stored Grain in Southern Queensland Australia. *Queensl.J.Agric.Anim.Sci.* 43: 107-114.
- EcoReference No.: 70503  
Chemical of Concern: RSM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM).
125. Collins, T. F. X., Hansen, W. H., and Keeler, H. V. (1971). The Effect of Carbaryl (Sevin) on Reproduction of the Rat and the Gerbil. *Toxicol.Appl.Pharmacol.* 19: 202-216.
- EcoReference No.: 35102  
Chemical of Concern: CBL; Habitat: T; Effect Codes: REP,MOR,GRO; Rejection Code: LITE EVAL CODED (CBL).
126. Conners, D. E. and Black, M. C. (2004). Evaluation of Lethality and Genotoxicity in the Freshwater Mussel *Utterbackia imbecillis* (Bivalvia: Unionidae) Exposed Singly and in Combination to Chemicals Used in Lawn Care. *Arch.Environ.Contam.Toxicol.* 46: 362-371.
- EcoReference No.: 74236  
Chemical of Concern: CuS,ATZ,GYP,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CuS),OK(ALL CHEMS).
127. Conners, D. E. and Black, M. C. (2004). Evaluation of Lethality and Genotoxicity in the Freshwater Mussel *Utterbackia imbecillis* (Bivalvia: Unionidae) Exposed Singly and in Combination to Chemicals Used in Lawn Care. *Arch.Environ.Contam.Toxicol.* 46: 362-371.
- EcoReference No.: 74236  
Chemical of Concern: ATZ,GYP,DZ,CBL,CuS; Habitat: A; Effect Codes: MOR; Rejection

Code: LITE EVAL CODED(CBL,DZ,ATZ,CuS),OK(GYP).

128. Conti, E. (1987). Acute Toxicity of Three Detergents and Two Insecticides in the Lugworm, *Arenicola marina* (L.): A Histological and a Scanning Electron Microscopic Study. *Aquat.Toxicol.* 10: 325-334.

EcoReference No.: 2519

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

129. Coppage, D. L. (1977). Anticholinesterase Action of Pesticidal Carbamates in the Central Nervous System of Poisoned Fishes. In: *J.F.Vernberg (Ed.), Symp.Physiological Responses of Marine Biota to Pollutants, Academic Press, New York, NY* 93-102.

EcoReference No.: 7669

Chemical of Concern: ADC,MOM,CBP,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,CBF,ADC,MOM).

130. Courtemanch, D. L. and Gibbs, K. E. (1980). The Effects of Sevin-4-Oil on Lentic Communities. In: *K.G.Stratton (Ed.), Environ.Monit.Rep.from the 1979 Maine Cooperative Spruce Budworm Suppression Project, Maine Forest Serv., Dep.of Conservation, Augusta, ME* 215-223.

EcoReference No.: 16312

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

131. Courtemanch, D. L. and Gibbs, K. E. (1978). The Effects of Sevin-4-Oil on Lentic Communities. A Final Report to the Maine Forest Service Augusta, Maine. In: *K.G.Stratton (Ed.), Environ.Monit.of Cooperative Spruce Budworm Control Project, Maine 1976 and 1977, Maine Forest Serv., Dep.of Conservation, Augusta, ME* 141-150.

EcoReference No.: 16308

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

132. Courtemanch, D. L. and Gibbs, K. E. (1980). Short- and Long-Term Effects of Forest Spraying of Carbaryl (Sevin-4-Oil) on Stream Invertebrates. *Can.Entomol.* 112: 271-276.

EcoReference No.: 6426

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

133. Cress, C. R. and Strother, A. (1974). Effects on Drug Metabolism of Carbaryl and 1-Naphthol in the Mouse. *Life Sci.* 14: 861-872.

EcoReference No.: 35109

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

134. Daghish, G. J., Hall, E. A., Zorzetto, M. J., Lambkin, T. M., and Erbacher, J. M. (1993). Evaluation of Protectants for Control of *Acanthoscelides obtectus* (Say) (Coleoptera: Bruchidae) in Navybeans (*Phaseolus vulgaris* (L.)). *J.Stored Prod.Res.* 29: 215-219.

EcoReference No.: 70523

Chemical of Concern: RSM,CBL,MLN,FNT,PIRM,PMR,DM,CPYM; Habitat: T; Effect

Codes: MOR,REP; Rejection Code: LITE EVAL CODED(BRSM),OK(ALL CHEMS).

135. Das, M. K. and Adhikary, S. P. (1996). Toxicity of Three Pesticides to Several Rice-Field Cyanobacteria. *Trop.Agric.* 73: 155-157.

EcoReference No.: 75042

Chemical of Concern: DMT,CBL,ES; Habitat: A; Effect Codes: BCM,POP; Rejection Code: LITE EVAL CODED(DMT),OK(ALL CHEMS).

136. Das, M. K. and Adhikary, S. P. (1996). Toxicity of Three Pesticides to Several Rice-Field Cynobacteria. *Trop.Agric.* 73: 155-157.

EcoReference No.: 75042

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

137. Das, U. K. and Kumar, D. (1993). Toxicity of Carbaryl on alpha-Amylase of the Fish Colisa fasciatus. *J.Ecotoxicol.Environ.Monit.* 3: 143-146.

EcoReference No.: 16799

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

138. 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,CPMH,DS,DU,MLN,PCP,NaPCP,DBAC,HCCH,PRN,DDT,DZ,DCB ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AZ,DCB,DZ,PCP,NaPCP,DBAC),OK(ALL CHEMS).

139. De Mel, G. W. J. L. M. V. T. M. and Pathiratne, A. (2005). Toxicity Assessment of Insecticides Commonly Used in Rice Pest Management to the Fry of Common Carp, *Cyprinus carpio*, a Food Fish Culturable in Rice Fields. *J.Appl.Ichthyol.* 21: 146-150.

EcoReference No.: 87858

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

140. De Oliveira, G. H., Saad, W. A., and Larini, L. (1991). Effects of Carbamates on the Hemodynamic Parameters of Rats Treated or not with alpha-Pyridylaldoxime Methylsulfomethylate (P2S). *Rev.Cienc.Farm.(Sao Paulo)* 13: 67-76.

EcoReference No.: 87862

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

141. Dela Cruz, C. R. and Cagauan, A. G. (1981). Preliminary Study on the Bioassay of Seven Pesticides and Five Weedicides with Tilapia, Carps, Clam and Shrimp as Test Species. *Fish.Res.J.Philipp.* 6: 11-18.

EcoReference No.: 3241

Chemical of Concern: AZ,BTC,MCPA,24DXY,CYP,PMR,MP,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL,CYP),OK(ALL CHEMS),NO COC(MTAS).

142. Derosa, C. T., Taylor, D. H., Farrell, M. P., and Seilkop, S. K. (1976). Effects of Sevin on the Reproductive Biology of the Coturnix. *Poult.Sci.* 55: 2133-2141.
- EcoReference No.: 35124  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: REP,MOR,ACC,BEH; Rejection Code: LITE EVAL CODED (CBL).
143. Deshmukh, P. B. and Keshavan, R. (1987). Activities of Amylase and Lipase in the Frog Exposed to DDT and Sevin. *J.Adv.Zool.* 8: 118-122.
- EcoReference No.: 39897  
 Chemical of Concern: CBL,DDT; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL),OK(DDT).
144. Deshmukh, P. B. and Keshavan, R. (1984). Acute Toxicity of DDT and Sevin to the Bullfrog, *Rana tigrina*. *J.Curr.Biosci.* 1: 141-145.
- EcoReference No.: 39964  
 Chemical of Concern: CBL,DDT; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(DDT).
145. Desi, I., Gonczi, L., Simon, G., Farkas, I., and Kneffel, Z. (1974). Neurotoxicologic Studies of Two Carbamate Pesticides in Subacute Animal Experiments. *Toxicol.Appl.Pharmacol.* 27: 465-476.
- EcoReference No.: 35125  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH,GRO,BCM,CEL,PHY; Rejection Code: LITE EVAL CODED (CBL).
146. Desmarchelier, J., Bengston, M., Davies, R., Elder, B., Hart, R., Henning, R., Murray, W., Ridley, E., Ripp, E., Sierakowski, C., Sticka, R., Snelson, J., Wallbank, B., and Wilson, A. (1987). Assessment of the Grain Protectants Chlorpyrifos-Methyl plus Bioresmethrin, Fenitrothion plus (1R)-Phenothrin, Methacrifos and Pirimiphos-Methyl plus Carbaryl Under Practical Conditions in Australia. *Pestic.Sci.* 20: 271-288.
- EcoReference No.: 70095  
 Chemical of Concern: BRSM,CBL,PIRM,CPYM,FNT; Habitat: T; Effect Codes: MOR,REP,ACC; Rejection Code: LITE EVAL CODED(BRSM),OK(ALL CHEMS).
147. DeWeese, L. R., Henny, C. J., Floyd, R. L., Bobal, K. A., and Shultz, A. W. (1979). Response of Breeding Birds to Aerial Sprays of Trichlorfon (Dylox) and Carbaryl (Sevin-4-Oil) in Montana Forests. *U.S.Dept.of the Interior.U.S.Fish and Wildlife Service, Special Scientific Report 224*: 1-29.
- EcoReference No.: 35126  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: REP,POP,MOR; Rejection Code: LITE EVAL CODED(CBL).
148. Dhanapakiam, P. and Premlatha, J. (1994). Histopathological Changes in the Kidney of *Cyprinus carpio* Exposed to Malathion and Sevin. *J.Enviroin.Biol.* 15: 283-287.
- EcoReference No.: 13515  
 Chemical of Concern: CBL,MLN; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: LITE EVAL CODED(CBL),OK(MLN).
149. Dodson, S. I., Hanazato, T., and Gorski, P. R. (1995). Behavioral Responses of *Daphnia pulex*

Exposed to Carbaryl and Chaoborus Kairomone. *Environ.Toxicol.Chem.* 14: 43-50.

EcoReference No.: 13723

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

150. 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(AZ,EMMB,MFZ,TUZ,CBL,TDC,MOM,ES,TMX,ACT,TAP,SS,AZD,CPY,PSM,MLN,IDC,EFV,KLN).

151. Dong, W., Gilmour, M. I., Lambert, A. L., and Selgrade, MJ. K. (1998). Enhanced Allergic Responses to House Dust Mite by Oral Exposure to Carbaryl in Rats. *Toxicol.Sci.* 44: 63-69.

EcoReference No.: 86850

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

152. Donkin, P., Widdows, J., Evans, S. V., Staff, F. J., and Yan, T. (1997). Effect of Neurotoxic Pesticides on the Feeding Rate of Marine Mussels (*Mytilus edulis*). *Pestic.Sci.* 49: 196-209.

EcoReference No.: 20518

Chemical of Concern: FYT,CBL,PMR,DDVP,HCCH,ETHN,EN; Habitat: A; Effect Codes: ACC,BEH,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

153. Douglas, M. T., Chanter, D. O., Pell, I. B., and Burney, G. M. (1986). A Proposal for the Reduction of Animal Numbers Required for the Acute Toxicity to Fish Test (LC50 Determination). *Aquat.Toxicol.* 8: 243-249.

EcoReference No.: 12210

Chemical of Concern: CBL,MLN,TBT,PCP,DLD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,PCP),OK(ALL CHEMS).

154. Dumbauld, B. R., Armstrong, D. A., and Skalski, J. (1997). Efficacy of the Pesticide Carbaryl for Thalassinid Shrimp Control in Washington State Oyster (*Crassostrea gigas*, Thunberg, 1793) Aquaculture. *J.Shellfish Res.* 16: 503-518 .

EcoReference No.: 87650

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

155. Dumbauld, B. R., Brooks, K. M., and Posey, M. H. (2001). Response of an Estuarine Benthic Community to Application of the Pesticide Carbaryl and Cultivation of Pacific Oysters (*Crassostrea gigas*) in Willapa Bay, Washington. *Mar.Pollut.Bull.* 42: 826-844.

EcoReference No.: 88367

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

156. Duso, C., Camporese, P., and Van der Geest, L. P. S. (1992). Toxicity of a Number of

Pesticides to Strains of Typhlodromus pyri and Amblyseius andersoni (Acari: Phytoseiidae). *Entomophaga* 37: 363-372.

EcoReference No.: 73088

User Define 2: NEW CSC,WASHT,CALFT

Chemical of Concern: PRN,CBL,ACP,AZ,CPY,MDT,MOM,DM,CPYM,FNT,TCF,CBL;

Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK.

157. Dwyer, F. J., Hardesty, D. K., Henke, C. E., Ingersoll, C. G., Whites, D. W., Mount, D. R., and Bridges, C. M. (1999). Assessing Contaminant Sensitivity of Endangered and Threatened Species: Toxicant Classes. *EPA 600/R-99/098, U.S.EPA, Washington, D.C.* 15 p.

EcoReference No.: 56161

Chemical of Concern: CBL,CuS,NYP,PCP,PRM; Habitat: A; Effect Codes: MOR;

Rejection Code: LITE EVAL CODED(OW-TRV-Cu,PCP),OK(ALL CHEMS).

158. Dwyer, F. J., Hardesty, D. K., Henke, C. E., Ingersoll, C. G., Whites, D. W., Mount, D. R., and Bridges, C. M. (1999). Assessing Contaminant Sensitivity of Endangered and Threatened Species: Effluent Toxicity Tests. *EPA 600/R-99/099, U.S.EPA, Washington, DC* 9 p.

EcoReference No.: 56162

Chemical of Concern: CBL,CuS,NYP,PCP,PRM,NH; Habitat: A; Effect Codes:

GRO,REP,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(NH),NO

MIXTURE(CuS,PCP,NYP,PRM),NO COC(DZ).

159. Dwyer, F. J., Hardesty, D. K., Ingersoll, C. G., Kunz, J. L., and Whites, D. W. (2000). Assessing Contaminant Sensitivity of American Shad, Atlantic Sturgeon and Shortnose Sturgeon, Final Report - February 2000. *Final Rep., U.S.Geol.Surv., Columbia Environ.Res.Ctr., Columbia, MO* 30 p.

EcoReference No.: 77827

Chemical of Concern: NYP,CBL,CuS,PCP,PMR; Habitat: A; Effect Codes: MOR;

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

160. Dwyer, F. J., Sappington, L. C., Buckler, D. R., and Jones, S. B. (1995 ). Use of Surrogate Species in Assessing Contaminant Risk to Endangered and Threatened Species. *EPA/600/R-96/029, U.S.EPA, Washington, D.C.* 78 p.

EcoReference No.: 73668

Chemical of Concern: PCP,CBL,NYP,PMR,CuS; Habitat: A; Effect Codes: MOR;

Rejection Code: LITE EVAL CODED(OW-TRV-Cu,PCP),OK(ALL CHEMS).

161. Dynamac Corporation (1988). Results of the Locust Pesticide Testing Trials in Sudan. Technical Report. *USAID Contract No.AFR-0517-C-00-7035-00,Dynamac Corp., Rockville, MD* 50 p.

EcoReference No.: 81907

Chemical of Concern: LCYT,TLM,CBL,BDC,CPY,DZ,FNT,MLN; Habitat: T; Effect

Codes: MOR,ACC,POP; Rejection Code: LITE EVAL CODED (ADC,CBL),NO

ENDPOINT(DZ),OK(MLN).

162. Edge, V. E. and Casimir, M. (1976). Toxicity of Insecticides to Adult Australian Plague Locust, *Chortoicetes terminifera* (Orthoptera: Acrididae). *J.Aust.Entomol.Soc.* 14: 321-326.

EcoReference No.: 70906

Chemical of Concern: DZ,CPY,CBL,RSM; Habitat: T; Effect Codes: MOR; Rejection



Code: TARGET(RSM).

163. Edmiston, C. E. J., Goheen, M., Malaney, G. W., and Mills, W. L. (1985). Evaluation of Carbamate Toxicity: Acute Toxicity in a Culture of *Paramecium multimicronucleatum* upon Exposure to Aldicarb, Carbaryl, and Mexacarbate as Measured by Warburg Respirometry and Acute Plate Assay. *Environ.Res.* 36: 338-350 .

EcoReference No.: 10812

User Define 2: TITLE MED,WASH,CALF

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

164. Edmiston, C. E. Jr., Goheen, M., and Malaney, G. W. (1984). Environmental Assessment of Carbamate Toxicity: Utilization of the Coomassie Blue G Soluble Protein Assay as an Index of Environmental Toxicity. *Hazard.Waste* 1: 205-215.

EcoReference No.: 11588

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

165. Edmiston, C. E. Jr., Goheen, M., Malaney, G. W., and Mills, W. L. (1985 ). Evaluation of Carbamate Toxicity: Acute Toxicity in a Culture of *Paramecium multimicronucleatum* upon Exposure to Aldicarb, Carbaryl, and Mexacarbate as Measured by Warburg Respirometry and Acute Plate Assay. *Environ.Res.* 36: 338-350 .

EcoReference No.: 10812

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

166. Edwards, C. A. (1983). Development of a Standardized Laboratory Method for Assessing the Toxicity of Chemical Substances to Earthworms. *Rep.No.EUR-8714-EN, Commis.Eur.Commun., Luxembourg* 141 p. (U.S.NTIS PB84-211713).

EcoReference No.: 40546

Chemical of Concern: PCP,CuS,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CuS,PCP,CBL), OK(ALL CHEMS).

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EcoReference No.: 40404

Chemical of Concern: CuS,PCP,CBL,CHD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,PCP),OK(CHD).

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EcoReference No.: 87555

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

169. Ehrich, M., Jortner, B. S., and Padilla, S. (1995). Comparison of the Relative Inhibition of Acetylcholinesterase and Neurotoxic Target Esterase in Rats and Hens Given Cholinesterase Inhibitors. *Fundam.Appl.Toxicol.* 24: 94-101.

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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).
170. Ehrich, M., Shell, L., Rozum, M., and Jortner, B. S. (1993). Short-Term Clinical and Neuropathologic Effects of Cholinesterase Inhibitors in Rats. *J.Am.Coll.Toxicol.* 12: 55-68.
- EcoReference No.: 87869  
 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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- EcoReference No.: 74880  
 Chemical of Concern: DMT,PMR,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,DMT),OK(PMR).
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- EcoReference No.: 75454  
 Chemical of Concern: DMT,CBL,PMR; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL),OK(DMT,PMR).
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- EcoReference No.: 15592  
 Chemical of Concern: CBL,FNT; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(FNT).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BEH,PHY,GRO; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL,VNL; Habitat: AT; Effect Codes: GRO,MOR,PHY,BEH,BCM; Rejection Code: LITE EVAL CODED(CBL).
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EcoReference No.: 6830  
Chemical of Concern: ATN,AND,MLN,PPX,CBL,DLD,HCCH,PRN,DDT; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(CBL,ATN),OK(ALL CHEMS).

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EcoReference No.: 74106  
User Define 2: WASHT  
Chemical of Concern: TLF,TVP,CBL,ACP,MOM,ES,DZ,CPY; Habitat: T; Effect Codes: MOR,POP,BEH; Rejection Code: OK.

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EcoReference No.: 39974  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,BCM,ACC,BEH; Rejection Code: LITE EVAL CODED(CBL).

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EcoReference No.: 11059  
Chemical of Concern: AMSV,PL,24DP,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AMSV),OK(PL,24DP).

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EcoReference No.: 74574  
Chemical of Concern: ADC,CBL; Habitat: T; Effect Codes: BEH,BCM,MOR; Rejection Code: LITE EVAL CODED(CBL,ADC).

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EcoReference No.: 86765  
Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH,PHY,MOR,GRO,CEL; Rejection Code: LITE EVAL CODED(CBL).

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EcoReference No.: 87098  
Chemical of Concern: CBL,ADC; Habitat: T; Effect Codes: BCM,BEH,MOR,GRO; Rejection Code: LITE EVAL CODED (CBL,ADC).

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EcoReference No.: 87150  
Chemical of Concern: CBL,ADC; Habitat: T; Effect Codes: BCM; Rejection Code: LITE

EVAL CODED(ADC,CBL).

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Chemical of Concern:  
MP,HCB,Zn,Pb,Cr,Cu,Cd,DMT,EN,DLN,AND,PAH,24DXY,MLN,HCB,DDT,ES,CBL;  
Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL  
CODED(CBL,MLN),OK(ALL CHEMS).
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- EcoReference No.: 7775  
Chemical of Concern: DDT,PRN,CBL,DDVP,PPX,MLN,DZ,AND,CPY,ATN,HCCH,DLN;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
CODED(CBL,DZ,ATN),OK(ALL CHEMS).
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- EcoReference No.: 74540  
Chemical of Concern: DZ,DDT,CBL,CBF,MLN,CYR,FMP,FTT,PPM,PAQT  
Endpoint: MOR; Habitat: A; Rejection Code: LITE EVAL CODED(CBF).
187. Fisher, S. W. and Lohner, T. W. (1986). Studies on the Environmental Fate of Carbaryl as a Function of pH. *Arch.Environ.Contam.Toxicol.* 15: 661-667.
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Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED (CBL).
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- EcoReference No.: 7293  
Chemical of Concern: ADC,PPX,PRN,MLN,ETN,DDVP,MP,CBF,CBL; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBL,CBF,ADC),OK(ALL CHEMS).
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Chemical of Concern: NAPH,PAH,CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL,NAPH).
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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),OK(ALL CHEMS).

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EcoReference No.: 2828

Chemical of Concern: MXC,FNTH,CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL),OK(MXC,FNTH).

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EcoReference No.: 15291

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

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EcoReference No.: 18726

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

194. Geiger, D. L., Call, D. J., and Brooke, L. T. (1988). Acute Toxicities of Organic Chemicals to Fathead Minnows (*Pimephales promelas*). *Ctr.for Lake Superior Environ.Stud., Volume 4, Univ.of Wisconsin-Superior, Superior, WI* 355.

EcoReference No.: 12859

User Define 2: ECOTOX MED,WASH,CALF,CORE

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

195. Geiger, D. L., Call, D. J., and Brooke, L. T. (1988). Acute Toxicities of Organic Chemicals to Fathead Minnows (*Pimephales promelas*). *Ctr.for Lake Superior Environ.Stud., Volume 4, Univ.of Wisconsin-Superior, Superior, WI* 355.

EcoReference No.: 12859

Chemical of Concern: MOM,ACC,BMC,BMN,CBL,DS,DZ,MLN,PMR,ACL,C8OH,DZ;

Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,C8OH,MOM,ACL),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(CBL,DZ,C8OH,MOM,ACL),OK(ALL CHEMS).

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*Superior Environ.Stud., Univ.of Wisconsin-Superior, Superior, WI 326 p.*

EcoReference No.: 12447

Chemical of Concern: NYP,PCP,SLA,NAPH,C8OH,PL,BZO,PAH,CBL; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL,NAPH,C8OH,PCP).

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EcoReference No.: 64443

Chemical of Concern:

TFY,FPP,CYP,DDT,IMC,CPY,DZ,DMT,CBL,RTN,PMR,FNV,BFT,CBF,DLD,EN,AND,FP N; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),TARGET(DMT,RTN,CYP),OK(ALL CHEMS).

199. George, T. L., McEwen, L. C., and Fowler, A. (1992). Effects of a Carbaryl Bait Treatment on Nontarget Wildlife. *Environ.Entomol.* 21: 1239-1247.

EcoReference No.: 36760

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

200. Ghosh, P., Bhattacharya, S., and Bhattacharya, S. (1989). Impact of Nonlethal Levels of Metacid-50 and Carbaryl on Thyroid Function and Cholinergic System of *Channa punctatus*. *Biomed.Environ.Sci.* 2: 92-97.

EcoReference No.: 14305

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

201. Ghosh, P., Bhattacharya, S., and Bhattacharya, S. (1990). Impairment of the Regulation of Gonadal Function in *Channa punctatus* by Metacid-50 and Carbaryl Under Laboratory and Field Conditions. *Biomed.Environ.Sci.* 3: 106-112.

EcoReference No.: 14303

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

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EcoReference No.: 4345

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

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EcoReference No.: 2686

Chemical of Concern: PL,NH,CdCl<sub>2</sub>,HgCl<sub>2</sub>,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL),OK(PL,NH,CdCl<sub>2</sub>,HgCl<sub>2</sub>).

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*Cooperative Spruce Budworm Suppression Project, Maine Forest Serv., Dep. of Conservation, Augusta, ME 121-147.*

EcoReference No.: 14762

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

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EcoReference No.: 4766

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

206. Goats, G. C. and Edwards, C. A. (1988). The Prediction of Field Toxicity of Chemicals to Earthworms by Laboratory Methods. *In: C.A. Edwards and E.F. Neuhauser (Eds.), Earthworms in Waste and Environmental Management, SPB Acad. Publ., The Hague, Netherlands 283-294.*

EcoReference No.: 40416

Chemical of Concern: TPM,PCP,CHD,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PCP,CBL),OK(ALL CHEMS).

207. Goel, H. C. and Srivastava, C. P. (1981). Laboratory Evaluation of Some Molluscicides Against Fresh Water Snails, Indoplanorbis and Lymnaea Species. *J. Commun. Dis.* 13: 121-127.

EcoReference No.: 8716

Chemical of Concern: NaPCP,CuS,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ALL CHEMS).

208. Gordon, C. J., Herr, D. W., Gennings, C., Graff, J. E., McMurray, M., Stork, L., Coffey, T., Hamm, A., and Mack, C. M. (2006). Thermoregulatory Response to an Organophosphate and Carbamate Insecticide Mixture: Testing the Assumption of Dose-Additivity. *Toxicology* 217: 1-13.

EcoReference No.: 87642

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

209. Gordon, C. J. and Mack, C. M. (2001). Diurnal Variation in Thermoregulatory Response to Chlorpyrifos and Carbaryl in the Rat. *Toxicology* 169: 93-105.

EcoReference No.: 86768

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

210. Gouda, R. K., Tripathy, N. K., and Das, C. C. (1981). Toxicity of Dimecron, Sevin and Lindex to *Anabas scandens* and *Heteropneustes fossilis*. *Comp. Physiol. Ecol.* 6: 170-172.

EcoReference No.: 15652

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

211. Grafton-Cardwell, E. E. and Hoy, M. A. (1985). Intraspecific Variability in Response to

Pesticides in the Common Green Lacewing, *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae). *Hilgardia* 53: 1-31.

EcoReference No.: 73696

User Define 2: WASHT,CALFT,CORE

Chemical of Concern: MOM,DZ,PMR,FNV,CBL,PSM; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK.

212. Gregory, D. A., Johnson, D. L., and Thompson, B. H. (1993). The Impact of Bran Baits Treated with the Insecticides Carbaryl, Chlorpyrifos and Dimethoate on the Survivorship and Reproductive Success of Non-Target Mouse Populations. *Agric.Ecosyst.Environ.* 45: 95-103.

EcoReference No.: 49731

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

213. Gregory, D. A., Johnson, D. L., and Thompson, B. H. (1994). The Toxicity of Bran Baits, Formulated with Carbaryl, Chlorpyrifos and Dimethoate, on Yellow Mealworms (*Tenebrio molitor* L.). *J.Agric.Entomol.* 11: 85-94.

EcoReference No.: 64549

User Define 2: WASHT,CALFT

Chemical of Concern: CBL,CPY,DMT; Habitat: T; Rejection Code: TARGET(DMT).

214. Gupta, M. and Amma, M. K. P. (1993). Alterations in Hepatic Biochemistry of Mice Intoxicated with MIC, Carbaryl and Thiram. *J.Appl.Toxicol.* 13: 33-37.

EcoReference No.: 87867

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

215. Gupta, S. K. and Sundararaman, V. (1988). Carbaryl and Endosulphan Induced Alterations in the Intestinal alpha-Amylase Activity of *Pheretima posthuma*. *Curr.Sci.* 57: 1116-1118.

EcoReference No.: 81473

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

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EcoReference No.: 86759

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

217. Haile, F. J., Peterson, R. K. D., and Higley, L. G. (1999). Gas-Exchange Responses of Alfalfa and Soybean Treated with Insecticides. *J.Econ.Entomol.* 92: 954-959.

EcoReference No.: 64569

Chemical of Concern: CBF,CPY,PMR,SS,CYF,CBL; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CYF,CBF),OK(ALL CHEMS).

218. Haines, T. A. (1981). Effect of an Aerial Application of Carbaryl on Brook Trout (*Salvelinus fontinalis*). *Bull.Environ.Contam.Toxicol.* 27: 534-542.



EcoReference No.: 2948  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE  
EVAL CODED(CBL).

219. Han, R., Shim, J. C., Hong, H. K., Lee, J. S., Cho, H. W., and Kim, C. L. (1981). Studies on Control Effects of Pesticide Applications Against the Vector Mosquito Larvae in Rice Fields in Korea. *Korean J.Entomol.* 11: 39-45.

EcoReference No.: 10440  
Chemical of Concern: CBL,CPY,ABT,DZ,FNT,MLN, Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(DZ),OK(ALL CHEMS).

220. Hanazato, T. (1995). Combined Effect of the Insecticide Carbaryl and the Chaoborus Kairomone on Helmet Development in *Daphnia ambigua*. *Hydrobiologia* 310: 95-100.

EcoReference No.: 16374  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE  
EVAL CODED(CBL).

221. Hanazato, T. (1991). Effect of Long- and Short-Term Exposure to Carbaryl on Survival, Growth and Reproduction of *Daphnia ambigua*. *Environ.Pollut.* 74: 139-148.

EcoReference No.: 3941  
Chemical of Concern: CBL; Habitat: A; Effect Codes: REP,GRO,MOR; Rejection Code:  
LITE EVAL CODED(CBL).

222. Hanazato, T. (1991). Effects of Repeated Application of Carbaryl on Zooplankton Communities in Experimental Ponds With or Without the Predator Chaoborus. *Environ.Pollut.* 74: 309-324.

EcoReference No.: 3939  
Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL  
CODED(CBL).

223. Hanazato, T. (1992). Insecticide Inducing Helmet Development in *Daphnia ambigua*. *Arch.Hydrobiol.* 123: 451-457.

EcoReference No.: 17178  
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE  
EVAL CODED(CBL).

224. Hanazato, T. (1991). Pesticides as Chemical Agents Inducing Helmet Formation in *Daphnia ambigua*. *Freshw.Biol.* 26 : 419-424.

EcoReference No.: 17470  
Chemical of Concern: ODZ,CBL,TBC,DZ,FNTH,FNT; Habitat: A; Effect Codes: MOR;  
Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).

225. Hanazato, T. and Dodson, S. I. (1992). Complex Effects of a Kairomone of Chaoborus and an Insecticide on *Daphnia pulex*. *J.Plankton Res.* 14: 1743-1755.

EcoReference No.: 4118  
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR,REP; Rejection Code:  
LITE EVAL CODED(CBL).

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Cyclomorphic Daphnia to a Short-Term Exposure to the Insecticide Carbaryl. *J.Plankton Res.* 15: 1087-1095.

EcoReference No.: 7128

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

227. Hanazato, T. and Hirokawa, H. (2004). Changes in Vulnerability of Daphnia to an Insecticide Application Depending on the Population Phase. *Freshw.Biol.* 49: 402-409.

EcoReference No.: 75186

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

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EcoReference No.: 35206

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

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

EcoReference No.: 7796

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

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

EcoReference No.: 5146

Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

231. Hardersen, S. and Wratten, S. D. (1996). The Sensitivity of the Nymphs of Two New Zealand Damselfly Species (Odonata: Zygoptera) to Azinphos-Methyl and Carbaryl. *Aust.J.Ecotoxicol.* 2: 55-60.

EcoReference No.: 67674

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

232. Hassan, A. A. M., El-Sewedy, S. M., Minatogawa, Y., and Kido, R. (1990). Effects of Some Insecticides on Several Enzymes of Tryptophan Metabolism in Rats. *J.EnvIRON.Sci.Health Part B* 25: 333-346.

EcoReference No.: 75455

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

233. Hatakeyama, S. and Sugaya, Y. (1989). A Freshwater Shrimp (*Paratya compressa improvisa*) as a Sensitive Test Organism to Pesticides. *Environ.Pollut.* 59: 325-336.

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 Chemical of Concern: CuS,CBL,DZ,TBC,FNTH,ZnS,BTC,TBC,CdCl,ODZ; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,DZ,CuS),OK(ALL CHEMS).
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- EcoReference No.: 17295  
 Chemical of Concern: CBL,CuS; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL,CuS).
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- EcoReference No.: 16370  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 70899  
 Chemical of Concern: RSM,CBL,HCCH,CYP,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,RSM).
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- EcoReference No.: 35214  
 Chemical of Concern:  
 SZ,DDT,DZ,PCB,ALD,ATZ,CBL,DLD,EN,HCCH,PRN,PCP,TXP,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,ATZ,SZ,DMT),OK(ALL CHEMS).
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- EcoReference No.: 87852  
 Chemical of Concern: CBL,PPX,DM; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL),OK(PPX,DM).
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- EcoReference No.: 11267  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,POP,MOR; Rejection Code: LITE EVAL CODED(CBL).
240. Heller, P. R. and Kellogg, S. (1988). Summer Control of Northern Masked Chafer Grubs on a Golf Course Rough in Snyder County, PA, 1987. *Insectic.Acaric.Tests* 13: 333 (No. 12G).

- EcoReference No.: 88812  
 Chemical of Concern: EP,DZ,CBL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL),OK(EP,DZ).
241. Hellman, J. L., Patton, T. W., and Hellman, E. L. (1988). Control of Green June Beetle Grubs on Golf Course Fairways, 1987. *Insectic.Acaric.Tests* 13: 329 (No. 5G).
- EcoReference No.: 88815  
 Chemical of Concern: CBL,CYF,FPP,TCF,ACP,DZ,FVL,CPY,PPX,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).
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- EcoReference No.: 88817  
 Chemical of Concern: CPY,DZ,IZF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(CPY,IZF).
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- EcoReference No.: 88904  
 Chemical of Concern: MCB,FNF,MP,CBL,FNV,PMR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
244. Hemingway, J. and Georghiou, G. P. (1983). Studies on the Acetylcholinesterase of *Anopheles albimanus* Resistant and Susceptible to Organophosphate and Carbamate Insecticides. *Pestic.Biochem.Physiol.* 19: 167-171.
- EcoReference No.: 11596  
 Chemical of Concern: TMP,FNT,CBL,PRN,FNTH,PPX,MLN; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS) .
245. Herbert, D. A. Jr. (1992). Corn Earworm Control in Peanut in Virginia, 1991. In: *A.K.Burditt,Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 249-250.
- EcoReference No.: 79285  
 Chemical of Concern: FPP,CYH,BFT,CBL,EFV,ACP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BFT,EFV),OK(ALL CHEMS).
246. Hernandez, D. A., Lombardo, R. J., Ferrari, L., and Tortorelli, M. C. (1990). Toxicity of Ethyl-Parathion and Carbaryl on Early Development of Sea Urchin. *Bull.EnvIRON.Contam.Toxicol.* 34: 734-741 (OECDG Data File).
- EcoReference No.: 3490  
 Chemical of Concern: CBL,EPRN; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL),OK(EPRN).
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- EcoReference No.: 70674  
 Chemical of Concern: RSM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM).

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- EcoReference No.: 50180  
Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
249. 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,MOM,AND,ATZ,BMY,DCTP,CBL,Captan,CPY,TBO,DZ,DLD,DU,FNTH,AZ,SZ,MANEB;  
Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ADC,ACP,MLN,MTAS,MTM,MOM,CBL,Captan,DZ,SZ),OK(ALL CHEMS).
250. Hill, E. F. , Heath, R. G., Spann, J. W., and Williams, J. D. (1975). Lethal Dietary Toxicities of Environmental Pollutants to Birds. *U.S.Fish and Wildlife Service, Special Scientific Report-Wildlife* 191: 1-61.
- 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,PRN,PRT,PYN,RSM,RTN,SZ,TFM,THM,TVP,TXP,Zn,ZnP,As,AZ,OXD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED (MTAS,CBL,DZ,ATZ,CBF,ADC,MOM,DMT,SZ,ZnP,RTN,RSM,MCPB,PCP,PRT),OK(ALL CHEMS).
251. Hislop, R. G. and Prokopy, R. J. (1981). Integrated Management of Phytophagous Mites in Massachusetts (U.S.A.) Apple Orchards. 2. Influence of Pesticides on the Predator *Amblyseius fallacis* (Acarina: Phytoseiidae) Under Laboratory and Field Conditions. *Prot.Ecol.* 3: 157-172.
- EcoReference No.: 70632  
User Define 2: REPS,WASHT,CALFT,CORE,SENT  
Chemical of Concern: SZ,CBL,DZ,PRN,ES,NH,MOM,DMT; Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: TARGET(DMT).
252. 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,DVP; Rejection Code: LITE EVAL CODED(MOM,DMT,DMB,ALSV),OK (ALL CHEMS except BMN,MCPA-MIXTURE).
253. 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(CBL,ACP,PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),OK(ALL CHEMS),NO  
MIXTURE(BMN,MCPA).

254. Holcombe, G. W., Phipps, G. L., Knuth, M. L., and Felhaber, T. (1984). The Acute Toxicity of Selected Substituted Phenols, Benzenes and Benzoic Acid Esters to Fathead Minnows *Pimephales promelas*. *Environ.Pollut.Ser.A* 35: 367-381 (OECDG Data File).

EcoReference No.: 10954  
Chemical of Concern: NYP,NAPH,CBL; Habitat: A; Effect Codes: MOR,BEH,PHY,GRO;  
Rejection Code: LITE EVAL CODED(CBL,NAPH),OK(NYP).

255. Hopf, H. S. and Muller, R. L. (1962). Laboratory Breeding and Testing of *Australorbis glabratus* for Molluscicidal Screening. *Bull.W.H.O.* 27: 783-789 .

EcoReference No.: 14399  
Chemical of Concern: ACL,CBL,Naled,TBT,CuS,NaPCP; Habitat: A; Effect Codes: MOR;  
Rejection Code: LITE EVAL CODED(NaPCP,PCP),NO CONTROL(CuS).

256. Hopkins, W. A., Winne, C. T., and DuRant, S. E. (2005). Differential Swimming Performance of Two Natricine Snakes Exposed to a Cholinesterase-Inhibiting Pesticide. *Environ.Pollut.* 133: 531-540.

EcoReference No.: 78022  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL  
CODED(CBL).

257. Hunter, M. L. Jr., Witham, J. W., and Dow, H. (1984). Effects of a Carbaryl-Induced Depression in Invertebrate Abundance on the Growth and Behavior of American Black Duck and Mallard Ducklings. *Can.J.Zool.* 62: 452-456.

EcoReference No.: 37215  
Chemical of Concern: CBL; Habitat: T; Effect Codes: POP,BEH; Rejection Code: LITE  
EVAL CODED(CBL).

258. Industrial Bio-Test Labs (1991). Summary Results Concerning an Acute Oral LD50, Acute Eye Irritation, Primary Skin & Eye Irritation Indexes & 28-Day Subacute Feeding Studies with Cover Sheet & Letter (Sanitized). *EPA/OTS Doc.#86-920000514S* 7 p. (OTS 0533803).

EcoReference No.: 88884  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,MOR,PHY,BEH; Rejection Code: LITE EVAL CODED(CBL).

259. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.

EcoReference No.: 71346  
Chemical of Concern:  
PNB,DDT,SZ,ATZ,DU,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nab  
am,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL

CODED(RTN),OK(ALL CHEMS)//NO TUMOR(PILOT)//.

260. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.
- EcoReference No.: 71346  
Chemical of Concern:  
DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nabam,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL  
CODED(CBL,SZ,ATZ,RTN,PPZ),OK(ALL CHEMS).
261. Isaacs, R., Mason, K. S., and Maxwell, E. (2005). Stage-Specific Control of Grape Berry Moth, *Endopiza viteana* (Clemens) (Lepidoptera: Tortricidae), by Selective and Broad-Spectrum Insecticides. *J.Econ.Entomol.* 98: 415-422.
- EcoReference No.: 82542  
Chemical of Concern: MFZ,TUZ,CBL,FPP; Habitat: T; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(MFZ,TUZ,CBL,FPP).
262. Jacob, S. S., Nair, N. B., and Balasubramanian, N. K. (1982). Toxicity of Certain Pesticides Found in the Habitat to the Larvivorous Fishes *Aplocheilus lineatus* (Cuv. & Val.) and *Macropodus cupanus* (Cuv. & Val.). *Proc.Indian Acad.Sci.Anim.Sci.* 91: 323-328.
- EcoReference No.: 11081  
Chemical of Concern: DDT,MLN,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(DDT,MLN).
263. Jadhav, S., Sontakke, Y. B., and Lomte, V. S. (1996). Carbaryl Toxicity to Freshwater Bivalve *Corbicula striatella*. *Environ.Ecol.* 14: 863-865.
- EcoReference No.: 18189  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL).
264. Jadhav, S., Sontakke, Y. B., and Lomte, V. S. (1995). Effect of Pesticides on Amylase Activity in Digestive Gland of Fresh Water Bivalve *Corbicula striatella*. *Indian J.Comp.Anim.Physiol.* 13: 27-29.
- EcoReference No.: 76665  
Chemical of Concern: CYP,ES,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,CYP),OK(ES).
265. James, D. G. and Rayner, M. (1995). Toxicity of Viticultural Pesticides to the Predatory Mites *Amblyseius victoriensis* and *Typhlodromus dorenae*. *Plant Prot.Q.* 10: 99-102.
- EcoReference No.: 67984  
Chemical of Concern:  
CaPS,BMY,CBD,CTN,MZB,FRM,IPD,MLX,Cu,PCZ,TDM,VCZ,Zineb,Ziram,CuOH,AZ,CBL,CPY,DZ,DMT,ES,MLN,MDT,DCF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CaPS),OK(ALL CHEMS).
266. James, R. and Sampath, K. (1994). Combined Toxic Effects of Carbaryl and Methyl Parathion on Survival, Growth, and Respiratory Metabolism in *Heteropneustes fossilis* (Bloch). *Acta Hydrobiol.* 36: 399-408.

EcoReference No.: 87624  
Chemical of Concern: CBL,MP; Habitat: A; Effect Codes: MOR,PHY,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(MP).

267. Jayaprada, P. and Rao, K. V. R. (1991). Carbaryl Toxicity on Tissue Acetylcholinesterase in the Penaeid Prawn, *Metapenaeus monoceros* (Fabricius) - A Monitoring Study. *Indian J.Comp.Anim.Physiol.* 9: 38-43.

EcoReference No.: 17176  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BCM,CEL; Rejection Code: LITE EVAL CODED(CBL).

268. 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),OK(ALL CHEMS).

269. John, P. J. and Prakash, A. (1998). Acute Toxicity of Metasystox and Sevin to *Mystus vittatus*. *J.Ecotocol.EnvIRON.MONIT.* 8: 169-177.

EcoReference No.: 87812  
Chemical of Concern: DEM,CBL; Habitat: A; Effect Codes: BEH,PHY,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(DEM).

270. Johnson, I. C., Keller, A. E., and Zam, S. G. (1993). A Method for Conducting Acute Toxicity Tests with the Early Life Stages of Freshwater Mussels. In: *W.G.Landis, J.S.Hughes, and M.A.Lewis (Eds.), Environmental Toxicology and Risk Assessment, ASTM STP 1179, Philadelphia, PA* 381-396.

EcoReference No.: 50679  
Chemical of Concern: ATZ,CBL,CYH; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,ATZ),OK(CYH).

271. 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).

272. Jones, S. B., King, L. B., Sappington, L. C., Dwyer, F. J., Ellersieck, M., and Buckler, D. R. (1998). Effects of Carbaryl, Permethrin, 4-Nonylphenol, and Copper on Muscarinic Cholinergic Receptors in Brain of Surrogate and Listed Fish Species. *Comp.Biochem.Physiol.C* 120: 405-414.

EcoReference No.: 7174  
Chemical of Concern: CBL,PMR,NYP,Cu; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,Cu),OK(PMR,NYP).

273. Juchelka, C. M. and Snell, T. W. (1995). Rapid Toxicity Assessment Using Ingestion Rate of Cladocerans and Ciliates. *Arch.EnvIRON.Contam.Toxicol.* 28: 508-512.



EcoReference No.: 14918

Chemical of Concern: Cd,HgCl<sub>2</sub>,PL,PCP,CuCl,CPY,CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL,CuCl,OW-TRV-,PCP),OK(CPY,HgCl<sub>2</sub>,Cd,PL).

274. Jyani, D. B., Patel, N. C., Jhala, R. C., and Patel, J. R. (1995). Bioefficacy of Neem and Synthetic Insecticides on Serpentine Leafminer (*Liriomyza trifolii*) (Diptera: Agromyzidae) Infesting Pea (*Pisum sativum*). *Indian J.Agric.Sci.* 65: 373-376.

EcoReference No.: 75351

Chemical of Concern: DMT,AZD,CBL,ES,CYF,FVL; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(CYF,AZD,FVL),OK(ALL CHEMS).

275. Jyothi, B. and Narayan, G. (1999). Certain Pesticide-Induced Carbohydrate Metabolic Disorders in the Serum of Freshwater Fish *Clarias batrachus* (Linn.). *Food Chem.Toxicol.* 37: 417-421.

EcoReference No.: 59922

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

276. Jyothi, B. and Narayan, G. (2001). Effect of Pesticides Carbaryl and Phorate on Serum Cholesterol Level in Fish, *Clarias batrachus* (Linn.). *J.Environ.Biol.* 22: 233-235.

EcoReference No.: 66397

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

277. Jyothi, B. and Narayan, G. (2000). Pesticide Induced Alterations of Non-Protein Nitrogenous Constituents in the Serum of a Fresh Water Cat Fish, *Clarias batrachus* (Linn.). *Indian J.Exp.Biol.* 38: 1058-1061.

EcoReference No.: 68291

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

278. Jyothi, B. and Narayan, G. (1999). Toxic Effects of Carbaryl on Gonads of Freshwater Fish, *Clarias batrachus* (Linnaeus). *J.Environ.Biol.* 20: 73-76.

EcoReference No.: 20373

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

279. Kader, H. A., Thayumanavan, B., and Krishnaswamy, S. (1976). The Relative Toxicities of Ten Biocides on *Spicodiptomus chelospinus* Rajendran (1973) [Copepoda: Calanoida]. *Comp.Physiol.Ecol.* 1 : 78-82.

EcoReference No.: 5264

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

280. Kadir, H. A., Zakaria, M. B., Kechil, A. A., and Azirun, M. S. (1989). Toxicity and Electrophysiological Effects of *Spilanthes acmella* Murr. Extracts on *Periplaneta americana* L. *Pestic.Sci.* 25: 329-336.

EcoReference No.: 70266

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

281. Kale, R. D. and Krishnamoorthy, R. V. (1979). Pesticidal Effects of Sevin (1-Naphthyl-N-Methyl Carbamate) on the Survivability and Abundance of Earthworm *Pontoscolex corethrurus*. *Proc.Indian Acad.Sci.* 88B Part I: 391-396.

EcoReference No.: 35291

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

282. 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(CBL,CBF,ADC),OK(ALL CHEMS).

283. Kanazawa, J. (1975). Uptake and Excretion of Organophosphorus and Carbamate Insecticides by Fresh Water Fish, *Motsugo*, *Pseudorasbora parva*. *Bull. Environ. Contam. Toxicol.* 14: 346-352 (Author Communication Used).

EcoReference No.: 2164

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

284. Kanazawa, J., Isensee, A. R., and Kearney, P. C. (1975). Distribution of Carbaryl and 3,5-Xylyl Methylcarbamate in an Aquatic Model Ecosystem. *J.Agric. Food Chem.* 23: 760-763.

EcoReference No.: 15807

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

285. Kanga, L. H. B. and Plapp, F. W. Jr. (1995). Target-Site Insensitivity as the Mechanism of Resistance to Organophosphorus, Carbamate, and Cyclodiene Insecticides in Tobacco Budworm Adults. *J.Econ.Entomol.* 88: 1150-1157.

EcoReference No.: 74123

User Define 2: WASHT

Chemical of Concern: CBL,ES,PFF,DLD,MOM,TVP; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: OK.

286. Karnak, R. E. and Collins, W. J. (1974). The Susceptibility to Selected Insecticides and Acetylcholinesterase Activity in a Laboratory Colony of Midge Larvae, *Chironomus tentans* (Diptera: Chironomidae). *Bull. Environ. Contam. Toxicol.* 12: 62-69.

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),OK(ALL CHEMS).

287. Kasai, S., Weerashinghe, I. S., and Shono, T. (1998). P450 Monooxygenases are an Important Mechanism of Permethrin Resistance in *Culex quinquefasciatus* Say Larvae. *Arch. Insect Biochem. Physiol.* 37: 47-56.

- EcoReference No.: 63336  
 Chemical of Concern: PYX, PFF, CBL, DDT, PMR, PRN; Habitat: A; Effect Codes: BCM, MOR, PHY; Rejection Code: LITE EVAL CODED(CBL), OK(ALL CHEMS) .
288. Katz, M. (1961). Acute Toxicity of some Organic Insecticides to Three Species of Salmonids and to the Threespine Stickleback. *Trans.Am.Fish.Soc.* 90: 264-268.
- 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).
289. Kaur, H. and Toor, H. S. (1995). Toxicity of Some Insecticides to the Fingerlings of Indian Major Carp *Cirrhina mrigala* (Hamilton). *Indian J.Ecol.* 22: 140-142.
- EcoReference No.: 14166  
 Chemical of Concern: CBL, MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL), OK(MLN).
290. Kaur, K. and Dhawan, A. (1996). Effect of Carbaryl on Tissue Composition, Maturation, and Breeding Potential of *Cirrhina mrigala* (Ham.). *Bull.Environ.Contam.Toxicol.* 57: 480-486.
- EcoReference No.: 17912  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM, REP, MOR, GRO; Rejection Code: LITE EVAL CODED(CBL).
291. 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) OK(MLN, PPHD).
292. Kaur, K. and Toor, H. S. (1980). Role of Abiotic Factors in the Embryonic Development of Scale Carp. *Proc.Indian Natl.Sci.Acad.Part B* 46: 136-148.
- 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).
293. Kaur, K. and Toor, H. S. (1977). Toxicity of Pesticides to Embryonic Stages of *Cyprinus carpio communis* Linn. *Indian J.Exp.Biol.* 15: 193-196.
- EcoReference No.: 9935  
 Chemical of Concern: PPHD, DZ, FNT, CBL, MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN, CBL, DZ), OK(PPHD, FNT).
294. Kaushik, N. and Kumar, S. (1998). Midgut Pathology of Aldrin, Monocrotophos, and Carbaryl in the Freshwater Crab, *Paratelphusa masoniana* (Henderson). *Bull.Environ.Contam.Toxicol.* 60: 480-486.
- EcoReference No.: 18804  
 Chemical of Concern: AND, CBL; Habitat: A; Effect Codes: MOR, CEL; Rejection Code: LITE EVAL CODED(CBL), OK(AND).

295. Kaushik, N. and Kumar, S. (1993). Susceptibility of the Freshwater Crab *Paratelphusa masoniana* (Henserson) to Three Pesticides, Singly and in Combination. *Environ.Ecol.* 11: 560-564.
- EcoReference No.: 4450  
 Chemical of Concern: AND,CBL; Habitat: A; Effect Codes: MOR,BEH,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(AND).
296. Khangarot, B. S., Sehgal, A., and Bhasin, M. K. (1985). "Man and Biosphere" - Studies on the Sikkim Himalayas. Part 6: Toxicity of Selected Pesticides to Frog Tadpole *Rana hexadactyla* (Lesson). *Acta Hydrochim.Hydrobiol.* 13: 391-394.
- EcoReference No.: 11521  
 Chemical of Concern: CBF,CBL,DMT,HCCH,MLN,PCB,EN,CBD,NaPCP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,CBF,DMT,NaPCP),OK(ALL CHEMS).
297. Khemani, S., Khemani, L. D., and Pant, M. C. (1987). Inhibition of Rat Brain Succinate Dehydrogenase by Carbamate and Organophosphate Pesticides. *Curr.Sci.* 56: 186-187.
- EcoReference No.: 86943  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
298. Khera, K. S. and Lyon, D. A. (1968). Chick and Duck Embryos in the Evaluation of Pesticide Toxicity. *Toxicol.Appl.Pharmacol.* 13: 1-15.
- 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) .
299. Khillare, Y. K. and Wagh, S. B. (1988). Acute Toxicity of Pesticides in the Freshwater Fish *Barbus stigma*: Histopathology of the Stomach. *Uttar Pradesh J.Zool.* 8: 176-179.
- EcoReference No.: 13301  
 Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: LITE EVAL CODED(CBL),OK(MLN,ES).
300. Kim, D. G. and Riggs, R. D. (1998). Effects of Some Pesticides on the Growth of ARF18 and Its Pathogenicity to Heterodera glycines. *J.Nematol.* 30: 201-205 .
- EcoReference No.: 70527  
 Chemical of Concern:  
 PNB,CBL,DCNA,SXD,FPP,MLN,KFAT,CHX,DZ,DCF,TPM,GYPI,MYC,PAQT,MZB,DM M,TFN,FML,ADC,DLN,CTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DZ,DCNA,SXD,CBL),OK(ALL CHEMS).
301. Klingeman, W. E., Buntin, G. D., Van Iersel, M. W., and Braman, S. K. (2000). Whole-Plant Gas Exchange, not Individual-Leaf Measurements, Accurately Assesses Azalea Response to Insecticides. *Crop Prot.* 19: 407-415.
- EcoReference No.: 64755  
 Chemical of Concern: ACP,CBL,CPY,AZD,IMC; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: LITE EVAL CODED(ACP),OK TARGET(CBL).
302. Konno, T. and Kajihara, O. (1985). Synergism of Pirimicarb and Organophosphorus

Insecticides Against the Resistant Rice Stem Borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae). *Appl.Entomol.Zool.* 20: 403-410.

EcoReference No.: 74137

User Define 2: WASHT

Chemical of Concern:

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

303. Koundinya, P. R. and Murthi, R. R. (1979). Haematological Studies in Sarotherodon (Tilapia) mossambica (Peters) Exposed to Lethal (LC50/48 Hrs) Concentration of Sumithion and Sevin. *Curr.Sci.* 48: 877-879 (Used 7407 As Reference).

EcoReference No.: 5783

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

304. Koundinya, P. R. and Ramamurthi, R. (1979). Comparative Study of Inhibition of Acetylcholinesterase Activity in the Freshwater Teleost Sarotherodon (Tilapia) mossambica (Peters) by Sevin (Carbamate) and Sumithion (Organophosphate). *Curr.Sci.* 48: 832-833 (Used 7082 As Reference).

EcoReference No.: 6909

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

305. Koundinya, P. R. and Ramamurthi, R. (1980). Effect of Sub-Lethal Concentration of Sumithion and Sevin on Certain Haematological Values of Sarotherodon mossambicus (Peters). *Curr.Sci.* 49: 645-646.

EcoReference No.: 14108

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

306. Koundinya, P. R. and Ramamurthi, R. (1981). Tissue Respiration in Sarotherodon mossambicus (Peters) Exposed to Sub-Lethal Concentration of Sumithion and Sevin. *Curr.Sci.* 50: 968-969.

EcoReference No.: 45759

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

307. Koundinya, P. R. and Ramamurthi, R. (1979). Tissue Respiration in Tilapia mossambica Exposed to Lethal (LC50) Concentration of Sumithion and Sevin. *Indian J.Environ.Health* 20: 426-428.

EcoReference No.: 6091

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

308. Krechniak, J., Englot, B., Wrzesniowska, K., and Hac, E. (1994). Interaction of Lindane and Carbaryl on Hepatic Microsomal Enzymes in Rats. *Bull.Environ.Contam.Toxicol.* 52: 927-934.

EcoReference No.: 39605

Chemical of Concern: CBL,HCCH; Habitat: T; Effect Codes: BCM,PHY; Rejection Code:

LITE EVAL CODED(CBL),OK(HCCH).

309. Krishnan, M. and Chockalingam, S. (1989). Toxic and Sublethal Effects of Endosulfan and Carbaryl on Growth and Egg Production of *Moina micrura* Kurz (Cladocera: Moinidae). *Environ.Pollut.* 56: 319-326.
- EcoReference No.: 87649  
Chemical of Concern: CBL,ES; Habitat: A; Effect Codes: REP,BEH,MOR,GRO; Rejection Code: LITE EVAL CODED(CBL),OK(ES).
310. Krzystyniak, K., Trottier, B., Jolicoeur, P., and Fournier, M. (1987). Macrophage Functional Activities Versus Cellular Parameters upon Sublethal Pesticide Exposure in Mice. *Mol.Toxicol.* 1: 247-259.
- 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).
311. Kumar, B. and Banerjee, V. (1991). Effects of Lethal Toxicity of Sevin (Carbaryl) on the Blood Parameters in *Clarias batrachus* (L.). *Himalayan J.Environ.Zool.* 5: 13-17.
- EcoReference No.: 13870  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: LITE EVAL CODED(CBL).
312. Ladics, G. S., Smith, C., Heaps, K., and Loveless, S. E. (1994). Evaluation of the Humoral Immune Response of CD Rats Following a 2-Week Exposure to the Pesticide Carbaryl by the Oral, Dermal, or Inhalation Routes. *J.Toxicol.Environ.Health* 42: 143-156.
- EcoReference No.: 87556  
Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM,GRO,CEL; Rejection Code: LITE EVAL CODED(CBL).
313. Lakota, S., Raszka, A., and Kupczak, I. (1981). Toxic Effect of Cartap, Carbaryl, and Propoxur on Some Aquatic Organisms. *Acta Hydrobiol.* 23: 183-190 .
- EcoReference No.: 4888  
Chemical of Concern: PPX,CBL; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(PPX).
314. Landrum, P. F. and Dupuis, W. S. (1990). Toxicity and Toxicokinetics of Pentachlorophenol and Carbaryl to *Pontoporeia hoyi* and *Mysis relicta*. In: *W.G.Landis and W.H.Van der Schalie (Eds.), Aquatic Toxicology and Risk Assessment, 13th Volume, ASTM STP 1096, Philadelphia, PA 278-289.*
- EcoReference No.: 18931  
Chemical of Concern: CBL,PCP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,PCP).
315. Lata, S., Gopal, K., and Singh, N. N. (2001). Toxicological Evaluations and Morphological Studies in a Catfish *Clarias batrachus* Exposed to Carbaryl and Carbofuran. *J.Ecophysiol.Occup.Health* 1: 121-130.
- EcoReference No.: 82520  
Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: GRO,MOR,PHY,BEH;

Rejection Code: LITE EVAL CODED(CBL),OK(CBF).

316. Le, D. P., Thirugnanam, M., Lidert, Z., Carlson, G. R., and Ryan, J. B. (1996). RH-2485: A New Selective Insecticide for Caterpillar Control. *In:Proc.Int.Conf.held at Farnham, Surrey: Br.Crop Prot.Conf. 2:* 481-486.

EcoReference No.: 82537

Chemical of Concern: MFZ,CBL,FNV,EFV,CPY,MP,AZ; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: LITE EVAL CODED(MFZ),OK(ALL CHEMS) .

317. Lechner, D. M. W. and Abdel-Rahman, M. S. (1984). A Teratology Study of Carbaryl and Malathion Mixtures in Rat. *J.Toxicol.EnvIRON.Health* 14: 267-278.

EcoReference No.: 86940

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

318. Lechner, D. W. and Abdel-Rahman, M. S. (1985). Alterations in Rat Liver Microsomal Enzymes Following Exposure to Carbaryl and Malathion in Combination. *Arch.EnvIRON.Contam.Toxicol.* 14: 451-457.

EcoReference No.: 37664

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

319. Lejczak, B. (1977). Effect of Insecticides: Chlorphenvinphos, Carbaryl and Propoxur on Aquatic Organisms. *Pol.Arch.Hydrobiol.* 24: 583-591.

EcoReference No.: 7558

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

320. Lemke, L. A. and Kissam, J. B. (1987). Evaluation of Various Insecticides and Home Remedies for Control of Individual Red Imported Fire Ant Colonies. *J.Entomol.Sci.* 22: 275-281.

EcoReference No.: 78182

Chemical of Concern: ALSV,DZ,PYN,CBL,ACP,CPY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ALSV),OK(ALL CHEMS).

321. Lillie, R. J. (1973). Studies on the Reproductive Performance and Progeny Performance of Caged White Leghorns fed Malathion and Carbaryl. *Poult.Sci.* 52: 266-272.

EcoReference No.: 37706

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

322. Lingaraja, T. and Venugopalan, V. K. (1978). Pesticide Induced Physiological and Behavioural Changes in an Estuarine Teleost Therapon jarbua (Forsk). *Fish.Technol.* 15: 115-119.

EcoReference No.: 6020

Chemical of Concern: CBL,DMT,DDT; Habitat: A; Effect Codes: MOR,PHY,GRO,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(DDT,DMT).

323. Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards

Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.

EcoReference No.: 3296

Chemical of Concern:

HXZ,GYPI,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,ACP,CBF),OK(ALL CHEMS), NO COC(EFV).

324. Little, E. E., Archeski, R. D., Flerov, B. A., and Kozlovskaya, V. I. (1990). Behavioral Indicators of Sublethal Toxicity in Rainbow Trout. *Arch.Environ.Contam.Toxicol.* 19: 380-385.

EcoReference No.: 3175

Chemical of Concern: PCP,MP,CHD,CBL,24DXY,TBF; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL,PCP),OK(ALL CHEMS).

325. Little, E. E., Calfee, R., Cleveland, L., Skinker, R., Zaga-Parkhurst, A., and Barron, M. G. (2000). Photo-Enhanced Toxicity in Amphibians: Synergistic Interactions of Solar Ultraviolet Radiation and Aquatic Contaminants. *J.Iowa Acad.Sci.* 107: 67-71.

EcoReference No.: 71949

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

326. Liu, D. H. W. and Lee, J. M. (1975). Toxicity of Selected Pesticides to the Bay Mussel (*Mytilus edulis*). *EPA-660/3-75-016, U.S.EPA, Corvallis, OR* 102 p. (U.S.NTIS PB-243221).

EcoReference No.: 8127

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

327. Lloyd, G. K., Ligget, M. P., Kynoch, S. R., and Davies, R. E. (1977). Assessment of the Acute Toxicity and Potential Irritancy of Hair Dye Constituents. *Food Cosmet.Toxicol.* 15: 607-610.

EcoReference No.: 88033

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

328. Lohner, T. W. (1987). Effects of pH, Temperature, and Sediment on the Aquatic Fate and Toxicity of Selected Pesticides. *Ph.D.Thesis, The Ohio State University, Columbus, OH: 125 p., Diss.Abstr.Int.B Sci.Eng.* 48: 2593 (1988) (Publ in Part As 12261, 3278, 12569, 3337).

EcoReference No.: 2993

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

329. Lohner, T. W. and Fisher, S. W. (1990). Effects of pH and Temperature on the Acute Toxicity and Uptake of Carbaryl in the Midge, *Chironomus riparius*. *Aquat.Toxicol.* 16: 335-354.

EcoReference No.: 3278

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

330. Lox, C. D. (1984). The Effects of Acute Carbaryl Exposure on Clotting Factor Activity in the Rat. *Ecotoxicol.Environ.Saf.* 8: 280-283.



EcoReference No.: 86762

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

331. Lunn, C. R., Toews, D. P., and Pree, D. J. (1976). Effects of Three Pesticides on Respiration, Coughing, and Heart Rates of Rainbow Trout (*Salmo gairdneri* Richardson). *Can.J.Zool.* 54: 214-219.

EcoReference No.: 7846

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

332. Lydy, M. J. , Bruner, K. A., Fry, D. M., and Fisher, S. W. (1990). Effects of Sediment and the Route of Exposure on the Toxicity and Accumulation of Neutral Lipophilic and Moderately Water-Soluble Metabolizable Compounds in the Midge, *Chironomus riparius*. In: *W.G.Landis and W.H.Van der Schalie (Eds.), Aquatic Toxicology and Risk Assessment, 13th Volume, ASTM STP 1096, Philadelphia, PA* 140-164.

EcoReference No.: 18935

Chemical of Concern: HCCH,PCB,PCP,ADC,DLD,CBL,PRN,DDT,BAP; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: LITE EVAL CODED(CBL,ADC,PCP),OK(ALL CHEMS).

333. Macek, K. J. and McAllister, W. A. (1970). Insecticide Susceptibility of Some Common Fish Family Representatives. *Trans.Am.Fish.Soc.* 99: 20-27 (Publ in Part As 6797).

EcoReference No.: 610

Chemical of Concern: AZ,CBL,HCCH,MLN,MP,TXP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

334. MacKenzie, K. E. and Winston, M. L. (1989). The Effects of Sublethal Exposure to Diazinon, Carbaryl and Resmethrin on Longevity and Foraging in *Apis mellifera* L. *Apidologie* 20: 29-40.

EcoReference No.: 70542

Chemical of Concern: RSM,DZ,CBL; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(RSM),OK(ALL CHEMS).

335. Mallik, M. A. B. and Tesfai, K. (1985). Pesticidal Effect on Soybean-Rhizobia Symbiosis. *Plant Soil* 85: 33-41.

EcoReference No.: 70794

Chemical of Concern: PNB,CBL,TXP,DZ,ACP,CAPTAN,MLN,GYP; Habitat : T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(DZ,CBL,ACP),OK(ALL CHEMS),NO MIXTURE(CAPTAN).

336. Maly, M. and Ruber, E. (1983). Effects of Pesticides on Pure and Mixed Species Cultures of Salt Marsh Pool Algae. *Bull.Environ.Contam.Toxicol.* 30: 464-472.

EcoReference No.: 15240

Chemical of Concern: PPX,TMP,CPY,CBL,MLN; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

337. Maly, M. P. (1980). A Study of the Effects of Pesticides on Single and Mixed Species Cultures of Algae. *Ph.D.Thesis, Northeastern University, Boston, MA:261 p.*;

*Diss.Abst.Int.B Sci.Eng.41(4):1227 (Author Communication Used) (Publ in Part As 15240).*

EcoReference No.: 5131

Chemical of Concern: CBL,MLN,ABT,PPX; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

338. Mandal, A. and Lahiri, P. (1989). Insecticide Induced Hematological Changes in Pigeons. *Proc.Indian Acad.Sci.* 98: 133-137.

EcoReference No.: 87669

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

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

EcoReference No.: 62600

Chemical of Concern:

2INEB,DINO,DCF,Cu,ES,MOM,CBL,FNV,PHSL,CYP,DM,DMT,MLN,CPY,MP,FNTH,D DVP,PPHD,FVL,ACP,MZB,CBD; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,MLN,FVL,CYP).

340. Mani, M. and Nagarkatti, S. (1983). Susceptibility of Two Braconid Parasites *Apanteles angaleti* Muesebeck and *Bracon kirkpatricki* (Wilkinson) to Several Chemical Pesticides. *Entomon* 8: 87-92.

EcoReference No.: 62601

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

341. Manna, A. K. and Ghosh, J. J. (1987). Anaerobic Toxicity of Sublethal Concentration of Carbaryl Pesticide Sevin to Guppy *Lebistes reticulatus*. *Environ.Ecol.* 5: 447-450.

EcoReference No.: 14048

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

342. Mansour, S. A. and Al-Jalili, M. K. (1985). Determination of Residues of Some Insecticides in Clover Flowers: A Bioassay Method Using Honeybee Adults. *J.Apic.Res.* 24: 195-198.

EcoReference No.: 67983

Chemical of Concern: PPX,CPY,CBL,FNT,MOM; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(MOM).

343. Marian, M. P., Arul, V., and Pandian, T. J. (1983). Acute and Chronic Effects of Carbaryl on Survival, Growth, and Metamorphosis in the Bullfrog (*Rana tigrina*). *Arch.Environ.Contam.Toxicol.* 12: 271-275.

EcoReference No.: 10697

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

344. Marletto, F., Patetta, A., and Manino, A. (2003). Laboratory Assessment of Pesticide Toxicity to Bumblebees. *Bull.Insectol.* 56: 155-158.

EcoReference No.: 73698

User Define 2: WASHT,CALFT,CORE  
Chemical of Concern: MOM,IMC,LCYT,CYF,DMT,AV,ACP,CBL,CPYM,PSPL; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT).

345. Martinez, D. G. and Pienkowski, R. L. (1983). Comparative Toxicities of Several Insecticides to an Insect Predator, a Nonpest Prey Species, and a Pest Prey Species. *J.Econ.Entomol.* 76: 933-935.

EcoReference No.: 37837  
Chemical of Concern: MDT,AZ,CBF,MOM,CBL,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CBF,MOM,AZ),TARGET(MLN),OK(MDT).

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

EcoReference No.: 40005  
Chemical of Concern: CBL,MLN,MP,OML,PRM,PHSL,MOM; Habitat: T; Effect Codes: MOR; Rejection Code: OK.

347. Mason, L. J., Seal, D. R., and Jansson, R. K. (1991). Response of Sweetpotato Weevil (Coleoptera: Apionidae) to Selected Insecticides. *Fla.Entomol.* 74: 350-355.

EcoReference No.: 62617  
User Define 2: WASHT  
Chemical of Concern: MOM,CBL,ES,PRN,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: OK.

348. Mathur, A. and Bhatnagar, P. (1991). A Teratogenic Study of Carbaryl in Swiss Albino Mice. *Food Chem.Toxicol.* 29: 629-632.

EcoReference No.: 87868  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,MOR,PHY,REP; Rejection Code: LITE EVAL CODED(CBL).

349. Mathur, D. S. (1974). Toxicity of Sevin to Certain Fishes. *J.Inl.Fish.Soc.India* 6: 0.

EcoReference No.: 8638  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL).

350. Mayer, F. L. J. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC* 505 p. (USGS Data File).

EcoReference No.: 6797  
User Define 2: REPS,WASH,CALF,CORE,SENT  
Chemical of Concern:  
EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATZ,AZ,BS,Captan,CBF,CBL,CMPH,CPY,Cu,CuS, DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,LNR,MBZ,MDT,ML N,MLT,MOM,MP,MTL,Naled,OYZ,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,N AA,NTP,PMR,PPB,TFN,WFN,RTN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN),OK(ALL CHEMS).

351. Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and

Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC 505 p.* (USGS Data File).

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CM PH,CQTC,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT ,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV, Se,DBAC,Zn,As,MTPN,DCB,MTAS,OXD; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT ,WFN,RTN,CuS, DOD,NaN3,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),OK(ALL CHEMS).

352. McArtney, S., White, M., Latter, I., and Campbell, J. (2004). Individual and Combined Effects of Shading and Thinning Chemicals on Abscission and Dry-Matter Accumulation of 'Royal Gala' Apple Fruit. *J.Hortic.Sci.Biotechnol.* 79: 441-448.

EcoReference No.: 77571

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

353. McCord, E. Jr. and Yu, S. J. (1987). The Mechanisms of Carbaryl Resistance in the Fall Armyworm, *Spodoptera frugiperda* (J.E. Smith). *Pestic.Biochem.Physiol.* 27: 114-122.

EcoReference No.: 87559

Chemical of Concern: PMR,CYP,CBL,MOM,PRN,DZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,DZ,MOM),OK(PMR,CYP,PRN) .

354. McDonald, S. (1967). Oral Toxicity of 23 Insecticides to Grasshoppers in the Laboratory and the Influence of Species, Pretreatment, and Geographical Distribution. *J.Econ.Entomol.* 60: 844-849.

EcoReference No.: 71105

User Define 2: WASHT,CALFT

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).

355. McKim, J. M., Schmieder, P. K., Niemi, G. J., Carlson, R. W., and Henry, T. R. (1987). Use of Respiratory-Cardiovascular Responses of Rainbow Trout (*Salmo gairdneri*) in Identifying Acute Toxicity Syndromes in Fish: Part 2. Malathion, Carbaryl, Acrolein and Benzaldehyde. *Environ.Toxicol.Chem.* 6: 313-328.

EcoReference No.: 12182

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

356. McLeese, D. W., Zitko, V., and Peterson, M. R. (1979). Structure-Lethality Relationships for Phenols, Anilines and Other Aromatic Compounds in Shrimp and Clams. *Chemosphere* 8: 53-57 (OECDG Data File).

EcoReference No.: 5810

Chemical of Concern: CBL,PCP,CP,NP,PL,FNT,4NP,AN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,PCP),OK(ALL CHEMS).

357. Mcleod, M. J., Twidwell, E. K., and Gallenberg, D. J. (1994). Alfalfa Weevil Control, 1993. *Arthropod Manag.Tests* 19: 172-173 (No. 7F).
- 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,MLN),OK(CPY,CBF,PSM,MP,PMR),OK TARGET(MLN).
358. McNulty, E. W., Dwyer, F. J., Ellersieck, M. R., Greer, E. I., Ingersoll, C. G., and Rabeni, C. F. (1999). Evaluation of Ability of Reference Toxicity Tests to Identify Stress in Laboratory Populations of the Amphipod *Hyalella azteca*. *Environ.Toxicol.Chem.* 18: 544-548.
- EcoReference No.: 52121  
 Chemical of Concern: CdCl,CBL,NaPCP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,NaPCP),OK(CaCl).
359. McNulty, E. W., Ellersieck, M. R., Greer, E. I., Ingersoll, C. G., and Rabeni, C. F. (1999). Evaluation of Ability of Reference Toxicity Tests to Identify Stress in Laboratory Populations of the Amphipod *Hyalella azteca*. *Environ.Toxicol.Chem.* 18: 544-548.
- EcoReference No.: 52121  
 Chemical of Concern: Cd,CBL,NaPCP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(NaPCP).
360. Megharaj, M., Venkateswarlu, K., and Rao, A. S. (1989). Effects of Carbofuran and Carbaryl on the Growth of a Green Alga and Two Cyanobacteria Isolated from a Rice Soil. *Agric.Ecosyst.Environ.* 25: 329-336.
- EcoReference No.: 74542  
 Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL,CBF).
361. Merriam, T. L. and Axtell, R. C. (1983). Relative Toxicity of Certain Pesticides to *Lagenidium giganteum* (Oomycetes: Lagenidiales), a Fungal Pathogen of Mosquito Larvae. *Environ.Entomol.* 12: 515-521.
- EcoReference No.: 66427  
 Chemical of Concern: MTPN,ACR,CPY,FNTH,MLN,TMP,DFZ,Captan,ATZ,DDT,HCCH,CBL,PPX,PMR,TXP; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL  
 CODED(MLN,CBL,MTPN,ATZ),OK(ALL CHEMS).
362. Metts, B. S., Hopkins, W. A., and Nestor, J. P. (2005). Interaction of an Insecticide with Larval Density in Pond-Breeding Salamanders (*Ambystoma*). *Freshw.Biol.* 50: 685-696.
- EcoReference No.: 85946  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR,CEL; Rejection Code: LITE EVAL CODED(CBL).
363. Mills, N. E. and Semlitsch, R. D. (2004). Competition and Predation Mediate the Indirect Effects of an Insecticide on Southern Leopard Frogs. *Ecol.Appl.* 14: 1041-1054.
- EcoReference No.: 86760  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).

364. Mora, B. R., Martinez-Tabche, L., Sanchez-Hidalgo, E., Hernandez, G. C., Ruiz, M. C. G., and Murrieta, F. F. (2000). Relationship Between Toxicokinetics of Carbaryl and Effect on Acetylcholinesterase Activity in *Pomacea patula* Snail. *Ecotoxicol. Environ. Saf.* 46: 234-239.
- EcoReference No.: 52354  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,ACC,BCM; Rejection Code: LITE EVAL CODED(CBL).
365. Mora, P., Michel, X., and Narbonne, J.-F. (1999). Cholinesterase Activity as Potential Biomarker in Two Bivalves. *Environ. Toxicol. Pharmacol.* 7: 253-260.
- EcoReference No.: 60846  
 Chemical of Concern: CBL,MP; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL),OK(MP).
366. Moscioni, A. D., Engel, J. L., and Casida, J. E. (1977). Kynurenine Formamidase Inhibition as a Possible Mechanism for Certain Teratogenic Effects of Organophosphorus and Methylcarbamate Insecticides in Chicken Embryos. *Biochem. Pharmacol.* 26: 2251-2258.
- EcoReference No.: 38043  
 Chemical of Concern:  
 DCTP,DZ,CBL,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP;  
Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(DZ,CBL),NO ENDPOINT(DCTP,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP).
367. Mostert, M. A., Schoeman, A. S., and Van der Merwe, M. (2002). The Relative Toxicities of Insecticides to Earthworms of the Pheretima Group (Oligochaeta). *Pest Manag. Sci.* 58: 446-450.
- EcoReference No.: 66555  
 Chemical of Concern: CYF,IMC,CPY,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYF),OK(IMC,CPY,CBL),NO ENDPOINT(FPN).
368. Mostert, M. A., Schoeman, A. S., and Van der Merwe, M. (2002). The Relative Toxicities of Insecticides to Earthworms of the Pheretima Group (Oligochaeta). *Pest Manag. Sci.* 58: 446-450.
- EcoReference No.: 66555  
 Chemical of Concern: CYF,IMC,CPY,CBL,FPN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CYF),OK(IMC,CPY),NO ENDPOINT(FPN).
369. Mostert, M. A., Schoeman, A. S., and Van der Merwe, M. (2000). The Toxicity of Five Insecticides to Earthworms of the Pheretima Group, Using an Artificial Soil Test. *Pest Manag. Sci.* 56: 1093-1097.
- EcoReference No.: 62642  
 Chemical of Concern: CYF,FPN,IMC,CBL,CPY; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CYF,FPN),OK(ALL CHEMS).
370. Mount, M. E. and Oehme, F. W. (1981). Diagnostic Criteria for Carbaryl Poisoning in Sheep. *Arch. Environ. Contam. Toxicol.* 10: 483-495.
- EcoReference No.: 38050  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,MOR,BCM; Rejection Code: LITE EVAL CODED(CBL).

371. Muirhead-Thomson, R. C. (1973). Laboratory Evaluation of Pesticide Impact on Stream Invertebrates. *Freshw.Biol.* 3: 479-498.
- EcoReference No.: 2719  
 Chemical of Concern: PPX,CBL,TXP,ES,DDT,PRN,AZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),NO ENDPOINT(AZ),OK(PPX,TXP,ES,DDT,PRN).
372. Muncy, R. J. and Oliver, A. D. Jr. (1963). Toxicity of Ten Insecticides to the Red Crawfish, *Procambarus clarki* (Girard). *Trans.Am.Fish.Soc.* 92: 428-431.
- EcoReference No.: 2156  
 Chemical of Concern: MRX,DCTP,DMT,PPHD,MLN,MP,CBL,EN,DDT,Naled; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DMT),OK(ALL CHEMS).
373. Murray, F. J., Staples, R. E., and Schwetz, B. A. (1979). Teratogenic Potential of Carbaryl Given to Rabbits and Mice by Gavage or by Dietary Inclusion. *Toxicol.Appl.Pharmacol.* 51: 81-89.
- EcoReference No.: 87557  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,PHY,REP,MOR; Rejection Code: LITE EVAL CODED(CBL).
374. Murray, H. E. and Guthrie, R. K. (1980). Effects of Carbaryl, Diazinon and Malathion on Native Aquatic Populations of Microorganisms. *Bull.EnvIRON.Contam.Toxicol.* 24: 535-542.
- EcoReference No.: 6587  
 Chemical of Concern: CBL,DZ,MLN; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(CBL),OK(MLN),NO ENDPOINT(DZ).
375. Nair, G. A., Mohamed, A. I., and Bhuyan, K. C. (1995). Comparative Effects of Chemical Pesticides on Survival, Body Mass and Respiration of the Pulmonate Slugs, *Milax rusticus* (Millet, 1843) and *Milax sowerbyi* (Ferussac, 1823) (Mollusca: Milacidae). *J.Afr.Zool.* 109: 141-149.
- EcoReference No.: 87865  
 Chemical of Concern: CBL,MDT,FNV,GYP; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(CBL),OK(MDT,FNV,GYP).
376. 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,24DX,Y,MCP  
 A,TPE,PDM,PCH,DDVP,THM,DOD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,MOM,DMB),OK(ALL CHEMS).
377. Nalecz-Jawecki, G. and Sawicki, J. (1999). Spirotox - A New Tool for Testing the Toxicity of Volatile Compounds. *Chemosphere* 38: 3211-3218.
- EcoReference No.: 19880  
 Chemical of Concern: NAPH,C8OH,TOL,MOL,CBL,ETHN; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL,NAPH,C8OH),OK(ALL CHEMS).

378. Naqvi, S. M. and Ferguson, D. E. (1970). Levels of Insecticide Resistance in Fresh-Water Shrimp, *Palaemonetes kadiakensis*. *Trans.Am.Fish.Soc.* 99: 696-699.
- EcoReference No.: 2665  
 Chemical of Concern: AZ,CBL,HCCH,DDT,EN,CHD,PRN,HPT,TXP,MO; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL), OK(ALL CHEMS).
379. Naqvi, S. M. and Ferguson, D. E. (1968). Pesticide Tolerances of Selected Freshwater Invertebrates. *J.Miss.Acad.Sci.* 14: 121-127.
- EcoReference No.: 2093  
 Chemical of Concern: AZ,CBL,CPY,HCCH,MLN,MP,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).
380. 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),OK(ES,MLN).
381. Naqvi, S. M. Z. (1973). Toxicity of Twenty-Three Insecticides to a Tubificid Worm *Branchiura sowerbyi* From the Mississippi Delta. *J.Econ.Entomol.* 66: 70-74.
- EcoReference No.: 2798  
 Chemical of Concern: AZ,CBL,CPY,HCCH,MLN,MP; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(AZ),LITE EVAL CODED(CBL).
382. Nayak, M. K., Collins, P. J., and Reid, S. R. (1998). Efficacy of Grain Protectants and Phosphine Against *Liposcelis bostrychophila*, *L. entomophila*, and *L. paeta* (Psocoptera: Liposcelidae). *J.Econ.Entomol.* 91: 1208-1212.
- EcoReference No.: 70616  
 Chemical of Concern: RSM,CYP,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,RSM).
383. Neil, K. A., Gaul, S. O., and McRae, K. B. (1997). Control of the English Grain Aphid [*Sitobion avenae* (F.)] (Homoptera: Aphididae) and the Oat-Birdcherry Aphid [*Rhopalosiphum padi* (L.)] (Homoptera: Aphididae) on Winter Cereals. *Can.Entomol.* 129: 1079-1091.
- EcoReference No.: 63983  
 Chemical of Concern: MCPP,DMB,24DXY,MCPA,DMT,CBL,MZB,TDF,PCZ,CQTC,EPH,BMN,PIM; Habitat: T; Effect Codes: REP,MOR,POP; Rejection Code: LITE EVAL CODED(DMT,PCZ,DMB,TDF),OK(ALL CHEMS).
384. Neluvhalani, M. J., Ferreira, S. M., and Van Aarde, R. J. (1995). The Effect(s) of Carbaryl-Treated Seed on Body Maintenance and Survival of the Multi-Mammate Mouse, *Mastomys natalensis* (sensu lato). *Onderstepoort J.Vet.Res.* 62: 235-240.
- EcoReference No.: 52644  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,MOR,BEH; Rejection Code: LITE EVAL CODED(CBL).



385. Neuhauser, E. F. and Callahan, C. A. (1990). Growth and Reproduction of the Earthworm *Eisenia fetida* Exposed to Sublethal Concentrations of Organic Chemicals. *Soil Biol.Biochem.* 22: 175-179.
- EcoReference No.: 40469  
 Chemical of Concern: PL,4NP,PAH,DLD,CBL; Habitat: T; Effect Codes: GRO,REP,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
386. Neuhauser, E. F., Durkin, P. R., Malecki, M. R., and Anatra, M. (1986). Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species. *Comp.Biochem.Physiol.C* 83: 197-200 (OECDG Data File).
- EcoReference No.: 40417  
 Chemical of Concern: PL,4NP,CBL,PAH; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
387. Neuhauser, E. F., Loehr, R. C., and Malecki, M. R. (1986). Contact and Artificial Soil Tests Using Earthworms to Evaluate the Impact of Wastes in Soil. In: *J.K.Petros,Jr., W.J.Lacy, and R.A.Conway (Eds.), Hazardous and Industrial Solid Waste Testing, 4th Symposium, ASTM STP 886, Philadelphia, PA* 886: 192-203.
- EcoReference No.: 40578  
 Chemical of Concern: Cd,Ni,Pb,Zn,PAH,CuS,CuCl,NAPH,CuN,PL,CBL,PCP,AMSV,ETHB,DCB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DCB,NAPH,CuCl,CuS,PCP,AMSV),OK(ALL CHEMS).
388. Neuhauser, E. F., Loehr, R. C., Malecki, M. R., Milligan, D. C., and Durkin, P. R. (1985). The Toxicity of Selected Chemicals to the Earthworm *Eisenia fetida*. *J.Environ.Qual.* 14: 383-388 (OECDG Data File).
- EcoReference No.: 40495  
 Chemical of Concern: PAH,PCP,4NP,2CP,NP,CBL,PL,DPDP,FA,ACE,AMSV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PCP).
389. Neuhauser, E. F., Loehr, R. C., Malecki, M. R., Milligan, D. C., and Durkin, P. R. (1985). The Toxicity of Selected Organic Chemicals to the Earthworm *Eisenia fetida*. *J.Environ.Qual.* 14: 383-388 (OECDG Data File).
- EcoReference No.: 40495  
 Chemical of Concern: PAH,PCP,4NP,2CP,NP,CBL,PL,DPDP,FA,ACE,AMSV,ETHB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PCP,AMSV).
390. Neuhauser, E. F., Loehr, R. C., Malecki, M. R., Milligan, D. L., and Durkin, P. R. (1985). The Toxicity of Selected Organic Chemicals to the Earthworm *Eisenia fetida*. *J.Environ.Qual.* 14: 383-388 (OECDG Data File).
- EcoReference No.: 40495  
 Chemical of Concern: PAH,PCP,4NP,2CP,CBL,PL,DPDP,FA,ACE,AMSV,ETHB,NAPH,NP,TOL,BNZ.DCB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DCB,NAPH,PCP,AMSV,CBL), OK(ALL CHEMS).
391. Nielsen, D. G. and Balderston, C. P. (1975). Evaluation of Insecticides for Preventing Reproduction of Pales and Northern Pine Weevils in Pine Stumps. *J.Econ.Entomol.* 68: 205-206.

EcoReference No.: 73554  
User Define 2: WASHT,CALFT  
Chemical of Concern: HCCH,CBF,CPY,CBL ; Habitat: T; Rejection Code: LITE EVAL CODED(CBF).

392. Nimmo, D. R., Hamaker, T. L., Matthews, E., and Moore, J. C. (1981). An Overview of the Acute and Chronic Effects of First and Second Generation Pesticides on an Estuarine Mysid. *In: F.J.Vernberg, A.Calabrese, F.P.Thurberg, and W.B.Vernberg (Eds.), Biological Monitoring of Marine Pollutants, Academic Press, Inc., NY* 3-19.

EcoReference No.: 4891  
Chemical of Concern: CBL,MP,PRT,DZ,TFN,TXP,DFZ; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,PRT),OK(ALL CHEMS).

393. Noetzel, D. and Kellesvig, K. (1992). Flea Beetle Control in Canola, Trial 3, 1991. *In: A.K.Burditt,Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 192.

EcoReference No.: 79763  
Chemical of Concern: TBO,CBF,ES,CBL,EFV,MP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(EFV),OK(ALL CHEMS).

394. 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).

395. 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).

396. Nollenberger, E. L. (1981). Toxicant-Induced Changes in Brain, Gill, Liver, and Kidney of Brook Trout Exposed to Carbaryl, Atrazine, 2,4-Dichlorophenoxyacetic Acid, and Parathion: A Cytochemical Study. *Ph.D.Thesis, Pennsylvania State Univ., University Park, PA* 213 p.

EcoReference No.: 72745  
Chemical of Concern: ATZ,CBL,24DXY,PRN; Habitat: A; Effect Codes: PHY,CEL,BCM,BEH; Rejection Code: LITE EVAL CODED(CBL,ATZ),OK(24DXY,PRN).

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

EcoReference No.: 17878  
Chemical of Concern: AgN,ZnS,CBL,Se,DZ,K2Cr207,CPH; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).

398. Norberg-King, T. J. (1989). An Evaluation of the Fathead Minnow Seven-Day Subchronic

Test For Estimating Chronic Toxicity. *Environ.Toxicol.Chem.* 8: 1075-1089.

EcoReference No.: 5313

Chemical of Concern: CBL,DZ,ZnS,Se,NaCr,CPY,AgN; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,NaCr),OK(ALL CHEMS).

399. Obulakondaiah, M., Sreenivasulu, C., and Venkateswarlu, K. (1993). Nontarget Effects of Carbaryl and Its Hydrolysis Product, 1-Naphthol, Towards *Anabaena torulosa*. *Biochem.Mol.Biol.Int.* 29: 703-710.

EcoReference No.: 88395

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

400. Olaifa, J. I., Adenuga, A. O., and Kanu, K. M. (1991). Relative Efficacy of a Neem Formulation and Four Conventional Insecticides in the Protection of Some Arable Crops Against Acridoid Grasshoppers. *Discov.Innov.* 3: 115-121.

EcoReference No.: 69311

Chemical of Concern: DLD,CYP,CBL,AZD; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(AZD,CYP),OK(ALL CHEMS).

401. Omkar and Murti, R. (1985). Toxicity of Some Pesticides to the Freshwater Prawn, *Macrobrachium dayanum* (Henderson) (Decapoda, Caridea). *Crustaceana* 49: 1-6 .

EcoReference No.: 12422

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

402. Omkar and Shukla, G. S. (1985). Toxicity of Insecticides to *Macrobrachium lamarrei* (H.Milne Edwards) (Decapoda: Palaemonidae). *Crustaceana* 48: 1-5.

EcoReference No.: 11541

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

403. Oris, J. T., Winner, R. W., and Moore, M. V. (1991). A Four-Day Survival and Reproduction Toxicity Test for *Ceriodaphnia dubia*. *Environ.Toxicol.Chem.* 10: 217-224.

EcoReference No.: 3590

Chemical of Concern: ACR,ATZ,MXC,BTC,CuS,CBL,24DXY,PL,PAH; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(CBL,ATZ,CuS,OW-TRV-Cu),OK(ALL CHEMS).

404. Orsted, K. M., Dubay, S. A., Raisbeck, M. F., Siemion, R. S., Sanchez, D. A., and Williams, E. S. (1998). Lack of Relay Toxicity in Ferret Hybrids fed Carbaryl-Treated Prairie Dogs. *J.Wildl.Dis.* 34: 362-364.

EcoReference No.: 64394

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

405. 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).

406. Ostlie, K. R. (1992). Insecticide Performance Against First-Generation European Corn Borer-Liquids vs Granules, 1991. In: A.K.Burditt, Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 215-216.

EcoReference No.: 79800  
Chemical of Concern: BFT,MP,CBF,CYF,FNF,CPY,EFV,DZ,CBL,PMR,LCYT; Habitat: T;  
Effect Codes: POP; Rejection Code: LITE EVAL CODED(BFT,CYF,EFV),OK(ALL CHEMS).

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

408. Pant, J. C. and Singh, T. (1983). Inducement of Metabolic Dysfunction by Carbamate and Organophosphorus Compounds in a Fish, *Puntius conchonus*. *Pestic.Biochem.Physiol.* 20: 294-298.

EcoReference No.: 10709  
Chemical of Concern: CBL,DMT; Habitat: A; Effect Codes: MOR,PHY,BCM; Rejection Code: LITE EVAL CODED(CBL,DMT).

409. Pant, N., Shankar, R., and Srivastava, S. P. (1996). Spermatotoxic Effects of Carbaryl in Rats. *Hum.Exp.Toxicol.* 15: 736-738.

EcoReference No.: 87646  
Chemical of Concern: CBL; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(CBL).

410. Pant, N., Srivastava, S. C., Prasad, A. K., Shankar, R., and Srivastava, S. P. (1995). Effects of Carbaryl on the Rat's Male Reproductive System. *Vet.Hum.Toxicol.* 37: 421-425.

EcoReference No.: 87648  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,BCM,CEL,REP,BEH;  
Rejection Code: LITE EVAL CODED(CBL).

411. Pantani, C., Pannunzio, G., De Cristofaro, M., Novelli, A. A., and Salvatori, M. (1997). Comparative Acute Toxicity of Some Pesticides, Metals, and Surfactants to *Gammarus italicus* Goedm. and *Echinogammarus tibaldii* Pink. and Stock. *Bull.EnvIRON.Contam.Toxicol.* 59: 963-967.

EcoReference No.: 18621  
Chemical of Concern:  
ACR,ATZ,AZ,CBF,CBL,DMT,FMP,HCCH,MLT,MOM,MP,Cd,ADC,DDT,MXC,OML,TB  
C,CuCl,Cr,PPX,Zn,Hg; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
CODED(MLT,CBF,ADC,MOM,DMT,CuCl),OK(ALL CHEMS).

412. Pantani, C., Pannunzio, G., De Cristofaro, M., Novelli, A. A., and Salvatori, M. (1997). Comparative Acute Toxicity of Some Pesticides, Metals, and Surfactants to *Gammarus italicus* Goedm. and *Echinogammarus tibaldii* Pink. and Stock (Crustacea: Amphipoda). *Bull. Environ. Contam. Toxicol.* 59: 963-967.
- EcoReference No.: 18621  
Chemical of Concern:  
CBF,ADC,DDT,MP,MXC,FMP,HCCH,DMT,AZ,PPX,OML,TBC,MOM,CBL,ACR,ATZ,MLT,CD,Zn,CuCl,Hg,Cr; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AZ,ATZ,MLT,CBF,ADC,MOM,DMT,CuCl),OK(ALL CHEMS).
413. Parker, B. L., Dewey, J. E., and Bache, C. A. (1970). Carbamate Bioassay Using *Daphnia magna*. *J. Econ. Entomol.* 63: 710-714.
- EcoReference No.: 9659  
Chemical of Concern: CBL,ADC,PPX; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,ADC),OK(PPX).
414. Parsons, J. T. and Surgeoner, G. A. (1991). Acute Toxicities of Permethrin, Fenitrothion, Carbaryl and Carbofuran to Mosquito Larvae During Single- or Multiple-Pulse Exposures. *Environ. Toxicol. Chem.* 10: 1229-1233.
- EcoReference No.: 3917  
Chemical of Concern: CBF,CBL,PMR,FNT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CBF),OK(PMR,FNT).
415. Parsons, J. T. and Surgeoner, G. A. (1991). Effect of Exposure Time on the Acute Toxicities of Permethrin, Fenitrothion, Carbaryl and Carbofuran to Mosquito Larvae. *Environ. Toxicol. Chem.* 10: 1219-1227.
- EcoReference No.: 3916  
Chemical of Concern: CBF,CBL,PMR,FNT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CBF),OK(PMR).
416. Patil, P. S., Gadkari, M. P., Bhale, K. B., and Kulkarni, K. M. (1992). Toxicity of Carbamate Insecticides to Freshwater Crab *Paratelphusa jacquemontii* (Rathbun). *Environ. Ecol.* 10: 397-399.
- EcoReference No.: 5819  
Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBF,CBL).
417. Peterson, H. G., Boutin, C., Martin, P. A., Freemark, K. E., Ruecker, N. J., and Moody, M. J. (1994). Aquatic Phyto-Toxicity of 23 Pesticides Applied at Expected Environmental Concentrations. *Aquat. Toxicol.* 28: 275-292.
- EcoReference No.: 13800  
Chemical of Concern:  
ACL,CBL,24DXY,SZ,CBF,ATZ,BMN,TPR,MBZ,GYP,TET,MTC,IZT,DMM,PCL,CSF,HXZ; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(CBL,ATZ,CBF,MTL,SZ,PCZ,ACL),OK(ALL CHEMS).
418. Peterson, J. L., Jepson, P. C., and Jenkins, J. J. (2001). Effect of Varying Pesticide Exposure Duration and Concentration on the Toxicity of Carbaryl to Two Field-Collected Stream Invertebrates, *Calineuria californica* (Plecoptera: Perlidae) and *Cinygma* sp. (Ephemeroptera: Heptageniidae). *Environ. Toxicol. Chem.* 20: 2215-2223.

EcoReference No.: 62450

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

419. Peterson, J. L., Jepson, P. C., and Jenkins, J. J. (2001). A Test System to Evaluate the Susceptibility of Oregon, USA, Native Stream Invertebrates to Triclopyr and Carbaryl. *Environ.Toxicol.Chem.* 20: 2205-2214.

EcoReference No.: 62451

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

420. Pfeiffer, C. J., Qiu, B., and Cho, C. H. (1997). Electron Microscopic Perspectives of Gill Pathology Induced by 1-Naphthyl-N-Methylcarbamate in the Goldfish (*Carassius auratus* Linnaeus). *Histol.Histopathol.* 12: 645-653.

EcoReference No.: 19944

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

421. Phipps, G. L. and Holcombe, G. W. (1985). A Method for Aquatic Multiple Species Toxicant Testing: Acute Toxicity of 10 Chemicals to 5 Vertebrates and 2 Invertebrates. *Environ.Pollut.Ser.A* 38: 141-157 (Author Communication Used) (OECDG Data File).

EcoReference No.: 10775

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

422. Pickering, Q. H., Lazorchak, J. M., and Winks, K. L. (1996). Subchronic Sensitivity of One-, Four-, and Seven-Day-Old Fathead Minnow (*Pimephales promelas*) Larvae to Five Toxicants. *Environ.Toxicol.Chem.* 15: 353-359.

EcoReference No.: 16510

Chemical of Concern: CBL,C8OH; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL,C8OH).

423. Pipy, B., Gaillard, D., and Derache, R. (1982). Enzymatic Activities of Liver Serine Esterases During the Reticuloendothelial System Phagocytosis Blockade by Carbaryl, an Anticholinesterasic Insecticide. *Toxicol.Appl.Pharmacol.* 62: 11-18.

EcoReference No.: 87558

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

424. Pitre, H. N. (1988). Relationship of Fall Armyworm (Lepidoptera: Noctuidae) from Florida, Honduras, Jamaica, and Mississippi: Susceptibility to Insecticides with Reference to Migration. *Fla.Entomol.* 71: 56-61.

EcoReference No.: 73699

User Define 2: WASHT,CALFT,CORE

Chemical of Concern: MOM,CBL,PMR,CPY,MP; Habitat: T; Effect Codes: MOR; Rejection Code: OK .

425. Pomeroy, S. E. and Barrett, G. W. (1975). Dynamics of Enclosed Small Mammal Populations in Relation to an Experimental Pesticide Application. *Am.Midl.Nat.* 93: 91-106.

- EcoReference No.: 35390  
Chemical of Concern: CBL; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(CBL).
426. Poole, A. and Buckley, P. (1989). 1-Naphthol-Single and Repeated Dose (30-Day) Oral Toxicity Studies in the Mouse. *Food Chem.Toxicol.* 27: 233-238.
- EcoReference No.: 53242  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(CBL).
427. Post, G. and Schroeder, T. R. (1971). The Toxicity of Four Insecticides to Four Salmonid Species. *Bull.EnvIRON.Contam.Toxicol.* 6: 144-155.
- EcoReference No.: 964  
Chemical of Concern: DDT,CBL,EN,MLN; Habitat: A; Effect Codes: PHY,MOR,GRO; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
428. Potter, D. A., Buxton, M. C., Redmond, C. T., Patterson, C. G., and Powell, A. J. (1990). Toxicity of Pesticides to Earthworms (Oligochaeta: Lumbricidae) and Effect on Thatch Degradation in Kentucky Bluegrass Turf. *J.Econ.Entomol.* 83: 2362-2369.
- EcoReference No.: 71484  
Chemical of Concern:  
BMY,IZF,PCZ,CTN,TCF,PDM,IFP,FRM,EP,CPY,DZ,CBL,BDC,24DXY,TPR,DMB;  
Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).
429. Pozarycki, S. V. (1999). Sublethal Effects of Estuarine Carbaryl Applications on Juvenile English Sole (*Pleuronectes vetulus*). *Ph.D.Thesis, Oregon State Univ., Corvallis, OR* 60: 105 p.
- EcoReference No.: 72739  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM,BEH,PHY; Rejection Code: LITE EVAL CODED(CBL).
430. Pradhan, S. C. and Mishra, P. C. (1998). Inhibition and Recovery Kinetics of Acetylcholinesterase Activity in *Drawida calebi* and *Octochaetona surensis*, the Tropical Earthworms, Exposed to Carbaryl Insecticide. *Bull.EnvIRON.Contam.Toxicol.* 60: 904-908.
- EcoReference No.: 53290  
Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
431. Pree, D. J., Whitty, K. J., Bittner, L. A., and Pogoda, M. K. (2002). Mechanisms of Resistance to Organophosphorus Insecticides in Populations of the Obliquebanded Leafroller *Choristoneura rosaceana* (Harris) (Lepidoptera: Tortricidae) from Southern Ontario. *Pest Manag.Sci.* 59: 79-84.
- EcoReference No.: 74170  
Chemical of Concern: MOM,Naled,CPY,CBL,CYP1; Habitat: T; Effect Codes: MOR,BCM,ACC; Rejection Code: OK(MOM),TARGET(CYP).
432. Pree, D. J., Whitty, K. J., Van Driel, L., and Walker, G. M. (1998). Resistance to Insecticides in Oriental Fruit Moth Populations (*Grapholita molesta*) from the Niagara Peninsula of

Ontario. *Can.Entomol.* 130: 245-256.

EcoReference No.: 63915

Chemical of Concern:

MOM, PFF, CBF, AZ, PSM, EPRN, MLN, Naled, FNT, CPY, ACP, MTM, MDT, CBL, CYP;

Habitat: T; Effect Codes: POP, MOR, GRO; Rejection Code: LITE EVAL

CODED(MLN, MTM, CBL, ACP, AZ), NO

CONTROL(MOM, CBF, CYP), OK(PFF, PSM, EPRN, Naled, FNT, MDT).

433. Prescott, L. M., Kubovec, M. K., and Tryggestad, D. (1977). The Effects of Pesticides, Polychlorinated Biphenyls and Metals on the Growth and Reproduction of *Acanthamoeba castellanii*. *Bull. Environ. Contam. Toxicol.* 18: 29-34.

EcoReference No.: 7625

Chemical of Concern: SZ, ATZ, CBL, LNR, DLD, AND, Hg, Pb, PCB, CuS, Zn; Habitat: A;

Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL, ATZ, SZ, CuS), OK(ALL CHEMS).

434. Proctor and Gamble Company (1998). Initial Submission: Interim Results (Including Neurological Data) from Oral (Gavage) Developmental Toxicity Study of 1-Naphthol in Rats, with Cover Letter Dated 3/3/1998. *EPA/OTS Doc.#88980000102* 30 p. (OTS 0559254).

EcoReference No.: 89076

Chemical of Concern: CBL; Habitat: T; Effect Codes: CEL, BEH, PHY, GRO, REP, MOR;

Rejection Code: LITE EVAL CODED(CBL).

435. Punzo, F. (2003). Effects of Carbaryl-Treated Bait on Maternal Behavior and Sprint Performance in the Meadow Jumping Mouse, *Zapus hudsonius*. *Bull. Environ. Contam. Toxicol.* 71: 37-41.

EcoReference No.: 72049

Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL

CODED(CBL).

436. Puyear, R. L. and Paulson, G. D. (1972). Effect of Carbaryl (1-Naphthyl N-Methylcarbamate) on Pentobarbital-Induced Sleeping Time and Some Liver Microsomal Enzymes in White Leghorn Cockerels. *Toxicol. Appl. Pharmacol.* 22: 621-627.

EcoReference No.: 38415

Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO, BCM, BEH; Rejection Code:

LITE EVAL CODED(CBL).

437. Rai, H. S., Tiwari, R. C., and Shrivastava, R. N. (1995). Comparative Efficacy of Insecticides Against *Creontiades* sp., a Pest of Niger in Madhya Pradesh. *Geobios* 22: 187-190.

EcoReference No.: 75774

Chemical of Concern: CYP, CBL, DMT, ES, DEM, MLN, DDVP, MP, DCM; Habitat: T; Effect

Codes: MOR, POP; Rejection Code: LITE EVAL CODED(CYP, CBL, MLN), OK(ALL CHEMS).

438. Rajyalakshmi, A. and Reddy, P. U. (1992). Carbaryl Induced Changes in the Lipid Metabolism of the Scorpion, *Heterometrus fulvipes* (Koch) and the Embryos During the Gestation Period. *J. Environ. Biol.* 13: 13-19.

EcoReference No.: 53393

Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM, GRO; Rejection Code: LITE



EVAL CODED(CBL).

439. Rajyalakshmi, A. and Reddy, T. G. (1988). Effect of Carbaryl and Lindane on the Lipid Content of Maternal Tissues and Embryos of the Viviparous Scorpion, *Heterometrus fulvipes* (Koch). *J.Environ.Biol.* 9: 97-105.
- EcoReference No.: 87554  
Chemical of Concern: HCCH,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL),OK(HCCH).
440. Ramaswami, M. (1990). Adaptive Trends in Lipid Levels of Liver and Muscle of *Sarotherodon mossambicus* (Peters) Exposed to Sevin. *J.Ecobiol.* 2: 56-61.
- EcoReference No.: 3807  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED (CBL).
441. Ramaswamy, M. (1987). Effects of Sevin on Blood Free Amino Acid Levels of the Fish *Sarotherodon mossambicus*. *Environ.Biol.*5(4):633-637/*Aquat.Sci.Fish.Abstr.*18(4):5466-1Q18 (1988).
- EcoReference No.: 13230  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
442. Ramaswamy, M. and Maheswari, R. U. (1993). Comparative Lactic Acidosis in Fishes Following Pesticide Stress. *Sci.Total Environ.* (Suppl.): 877-885.
- EcoReference No.: 4312  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
443. Ramaswamy, M., Thangavel, P., and Selvam, N. P. (1999). Glutamic Oxaloacetic Transaminase (GOT) and Glutamic Pyruvic Transaminase (GPT) Enzyme Activities in Different Tissues of *Sarotherodon mossambicus* (Peters) Exposed to a Carbamate Pesticide, Carbaryl. *Pestic.Sci.* 55: 1217-1221.
- EcoReference No.: 87640  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL,CHD,DLD,PMA; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
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Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBL).

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 Chemical of Concern: CYP,MAL,AZD,CBL,CYP,PRT; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP),OK(ALL CHEMS).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL,DDT,FNV,PPHD; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(DDT,FNV,PPHD).
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 Chemical of Concern: MLN,DDT,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(MLN,DDT).
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Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).

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

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

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EcoReference No.: 3992

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

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EcoReference No.: 87653

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

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

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EcoReference No.: 89112

Chemical of Concern: CBL,MLN,GYP,24DXY; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(CBL,MLN), OK(GYP,24DXY).

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EcoReference No.: 70872

Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code:

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Chemical of Concern: RSM,SZ,CPY,CBL,PYT,PMR,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PMR,DMT),TARGET(RSM).
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- EcoReference No.: 42996  
Chemical of Concern: BZO,MCRE,PL,SCA,CBL; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(BZO,CBL,SCA),OK(ALL CHEMS).
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Chemical of Concern: DLD,MLN,DDT,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(MLN,DDT,DLD).
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Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH,BCM,PHY; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL,CBF; Habitat: T; Effect Codes: BEH,GRO; Rejection Code: LITE EVAL CODED(CBF,CBL).
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Chemical of Concern: CBL,DZ,THM; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(THM).
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Earthworm *Eisenia foetida*. *Environ.Toxicol.Chem.* 3: 67-78.

EcoReference No.: 40531

Chemical of Concern:

DU,FNV,ES,FNF,FML,NCTN,CBD,MLN,PRN,Captan,TPM,PPB,DCTP,ACP,BMY,MBZ,P  
AQT,BNZ,CH3I,TFN,NaNO3,AZ,24DXY,NP,Cd,Pb,CuS,DDT,PAH,IDM,DMM,CYP,PMR,  
CBF,ADC,MOM,CBL,PPX,CPY,NHN,CTC; Habitat: T; Effect Codes: MOR; Rejection  
Code: LITE EVAL CODED(ADC,CBL,NCTN,CBF,MOM,PPB,CuS,CYP),OK(ALL  
CHEMS).

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

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EcoReference No.: 71723

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

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EcoReference No.: 20191

Chemical of Concern: MOL,ETHN,CBL,PL,PAQT,Cd,Hg,Mn,Cr,Cu; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL,Cu),OK(ALL CHEMS).

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EcoReference No.: 87851

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

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EcoReference No.: 7662

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

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EcoReference No.: 86941

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

475. Sakamoto, M., Chang, K. H., and Hanazato, T. (2005). Differential Sensitivity of a Predacious Cladoceran (*Leptodora*) and Its Prey (the Cladoceran *Bosmina*) to the Insecticide Carbaryl: Results of Acute Toxicity Tests. *Bull. Environ. Contam. Toxicol.* 75: 28-33.
- EcoReference No.: 81396  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 74456  
 Chemical of Concern: MOM,CBL,FNV,DMT,PMR,PFF,CYP,DFZ; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,CYP).
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 Chemical of Concern: CBL; Habitat: AT; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL; Habitat: AT; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBL).
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 Chemical of Concern: CBL,MP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(MP).
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- EcoReference No.: 63490  
 Chemical of Concern:  
 SZ,ATZ,DU,HFP,MCPP,PYD,FXP,BT,MTL,PDM,CBL,MTSM,AMTL,CQTC,DPP1,MCPP1, Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(SZ,MTL,ATZ,CQTC),NO MIXTURE(MCPP1,DPP1),OK(ALL CHEMS).
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 User Define 2: REPS,WASHT,CALFT,CORE,SENT  
 Chemical of Concern: SZ,CBL,ACP,AMZ,DM,FNT,THM,MZB,BMC,CQTC; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(SZ).

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- EcoReference No.: 70278  
 Chemical of Concern: SZ,CBL,ACP,AMZ,AZ,DM,FNT,THM,MZB,BMC,CQTC; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(SZ,CQTC),OK(ALL CHEMS).
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- EcoReference No.: 70629  
 Chemical of Concern: RSM,CYP,CBL\_ \_; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CYP,RSM).
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- EcoReference No.: 885  
 Chemical of Concern:  
 SZ,EDT,24DXY,AZ,CBL,CMPH,CPY,DBN,DMB,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PAQT,PRT,TFN,RTN,NaN3,ATN,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AZ,DZ,MLT,SZ,DMT,RTN,NaN3,DMB,PRT,ATN),OK(ALL CHEMS).
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- EcoReference No.: 887  
 Chemical of Concern:  
 AZ,MLN,CBL,CMPH,CPY,DS,HCCH,MLN,Naled,PRT,PSM,ATN,DZ,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,PRT,ATN),OK(ALL CHEMS).
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- EcoReference No.: 889  
 Chemical of Concern:  
 24DXY,AZ,CBL,CPY,DBN,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PYN,TFN,RTN,As,NaN3,ATN,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,MLT,DMT,RTN,NaN3,ATN),OK(ALL CHEMS).
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 Chemical of Concern: DDT,CBL,ES,MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
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R. (2001). Contaminant Sensitivity of Threatened and Endangered Fishes Compared to Standard Surrogate Species. *Environ.Toxicol.Chem.* 20: 2869-2876.

EcoReference No.: 65396

Chemical of Concern: CuS,PMR,CBL,PCP,NYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,PCP),OK(PMR,NYP).

489. Sastry, K. V. and Siddiqui, A. A. (1982). Chronic Toxic Effects of the Carbamate Pesticide Sevin on Carbohydrate Metabolism in a Freshwater Snakehead Fish, *Channa punctatus*. *Toxicol.Lett.* 14: 123-130.

EcoReference No.: 10047

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

490. Sastry, K. V. and Siddiqui, A. A. (1985). Effect of the Carbamate Pesticide Sevin on the Intestinal Absorption of Some Nutrients in the Teleost Fish, *Channa punctatus*. *Water Air Soil Pollut.* 24 : 247-252.

EcoReference No.: 11556

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

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EcoReference No.: 466

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

492. Saxena, P. K. and Garg, M. (1978). Effect of Insecticidal Pollution on Ovarian Recrudescence in the Fresh Water Teleost *Channa punctatus* (Bl.). *Indian J.Exp.Biol.* 16: 689-691.

EcoReference No.: 639

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

493. Saxena, P. K., Singh, V. P., Kondal, J. K., and Soni, G. L. (1989). Effect of Some Pesticides on In-Vitro Lipid and Protein Synthesis by the Liver of the Freshwater Teleost, *Channa punctatus* (Bl.). *Environ.Pollut.* 58: 273-280.

EcoReference No.: 88911

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

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EcoReference No.: 18418

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

495. Schnelle, M. A. and Hensley, D. L. (1990). Effects of Pesticides upon Nitrogen Fixation and



Nodulation by Dry Bean. *Pestic.Sci.* 28: 83-88.

EcoReference No.: 53973

Chemical of Concern:

PNB,CBL,DZ,ES,CTN,CAPTAN,BMY,FNV,SXD,DCF,MLN,BT,TFN,ACR,MANEB,EPT  
C; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL  
CODED(DZ),OK(ALL CHEMS).

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EcoReference No.: 54011

Chemical of Concern: ATZ,CBL,ACP,GYP,HXZ,PCL,FNT,MP,PAQT,TCF; Habitat: T;  
Effect Codes: GRO,BEH,ACC; Rejection Code: LITE EVAL CODED(CBL,AZ,ACP),NO  
ENDPOINT(ATZ),OK(GYP,HXZ,PCL,FNT,MP,PAQT,TCF).

497. Scott, J. G. and Georghiou, G. P. (1986). Malathion-Specific Resistance in *Anopheles stephensi* From Pakistan. *J.Am.Mosq.Control Assoc.* 2: 29-32.

EcoReference No.: 11799

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

498. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern:

Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX; Habitat: T;  
Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(CBL,ETU,Maneb),NO  
ENDPOINT(MOM),OK(ALL CHEMS),NO COC(MTAS).

499. Selvakumar, S., Geraldine, P., Shanju, S., and Jayakumar, T. (2005). Stressor-Specific Induction of Heat Shock Protein 70 in the Freshwater Prawn *Macrobrachium malcolmsonii* (H. Milne Edwards) Exposed to the Pesticides Endosulfan and Carbaryl. *Pestic.Biochem.Physiol.* 82: 125-132.

EcoReference No.: 80963

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

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

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

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Chemical of Concern: CBF,CPY,DZ,CBL,ES,TDC,PRT  
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Chemical of Concern: CBF,CPY,DZ,CBL,ES,TDC,PRT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,CBF,PRT),OK(ALL CHEMS).

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 Chemical of Concern: CBL,MLN,PRN; Habitat: A; Effect Codes: GRO,PHY,CEL; Rejection Code: LITE EVAL CODED(CBL),OK(PRN,MLN).
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 Chemical of Concern: CBL,CBF; Habitat: T; Effect Codes: GRO,BCM,BEH; Rejection Code: LITE EVAL CODED(CBF,CBL).
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 Chemical of Concern: CBF,DMT,CBL; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(CBL,CBF,DMT).
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 Chemical of Concern: ES,MLN,DDVP,CBL,DMT,PRN,EN,PPHD; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL,DMT,MLN,ES,DDVP,PRN,EN).
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 Chemical of Concern: CBL,MOM,EFV,TUZ,IMC,EMMB; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(MOM,CBL),OK(ALL CHEMS).
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 Chemical of Concern: MOM,EFV,PMR,TDC,CBL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(EFV,MOM),OK(ALL CHEMS).
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Chemical of Concern: 24DXY,CBL,DU,DZ; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(DZ),LITE EVAL CODED(CBL).

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EcoReference No.: 38925

Chemical of Concern: ADC,OML,CBF,CBL,PRN,KMDC; Habitat: T; Effect Codes: MOR,BEH,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

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Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,MANEB,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(DZ),OK(ALL CHEMS).

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EcoReference No.: 4825

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

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EcoReference No.: 38979

Chemical of Concern: CBF,DDT,PCB,CBL,MP; Habitat: T; Effect Codes: BCM,CEL,GRO,PHY; Rejection Code: LITE EVAL CODED(CBF,CBL),OK(ALL CHEMS).

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EcoReference No.: 4953

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

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EcoReference No.: 74715

Chemical of Concern: ADC,PPHD,CBL,PRT,AZD,DMT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ADC,AZD,DMT).

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EcoReference No.: 17386

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

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EcoReference No.: 87671

Chemical of Concern: CBL,ATZ,SZ,TDF,DCZ,PCP; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,SZ),OK(ALL CHEMS).

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EcoReference No.: 39027

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

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EcoReference No.: 39026

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

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EcoReference No.: 75424

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

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EcoReference No.: 7275

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

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EcoReference No.: 87857

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

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EcoReference No.: 87668



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

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EcoReference No.: 45610

Chemical of Concern: HCCH,ES,EN,DDT,CBL,PRT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(CBL,PRT),OK(ALL CHEMS).

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EcoReference No.: 20421

Chemical of Concern:

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

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EcoReference No.: 87565

Chemical of Concern: EN,PPHD,CBL,DEM; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL),OK(EN,PPHD,DEM).

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EcoReference No.: 4969

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

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EcoReference No.: 573

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

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EcoReference No.: 72765

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

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EcoReference No.: 16303

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

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EcoReference No.: 16311

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

562. Trial, J. G. (1982). The Effectiveness of Upstream Refugia for Promoting Recolonization of Plecoptera Killed by Exposure to Carbaryl. *J.Freshw.Ecol.* 1: 563-567.

EcoReference No.: 9787

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

563. Trial, J. G. (1980). The Effects of Sevin-4-Oil on Aquatic Insect Communities of Streams. *In: K.G.Stratton (Ed.), Environ.Monit.Rep.from the 1979 Maine Cooperative Spruce Budworm Suppression Project, Maine Forest Serv., Dep.of Conservation, Augusta, ME 253-270.*

EcoReference No.: 16314

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

564. Trial, J. G. (1979). The Effects of Sevin-4-Oil on Aquatic Insect Communities of Streams (1976-1978). *In: K.G.Stratton (Ed.), Environ.Monit.of Cooperative Spruce Budworm Control Program, Maine Forest Serv., Dep.of Conservation, Augusta, ME 6-22 (Author Communication Used).*

EcoReference No.: 13808

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

565. Trial, J. G. (1978). The Effects of Sevin-4-Oil on Aquatic Insect Communities of Streams: A Continuation of 1976 Studies. *In: K.G.Stratton (Ed.), Environ.Monit.of Cooperative Spruce Budworm Control Project, Maine 1976 and 1977, Maine Forest Serv., Dep.of Conservation, Augusta, ME 124-140.*

EcoReference No.: 16307

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

566. Trial, J. G. and Gibbs, K. E. (1978). Effects of Orthene, Sevin-4-Oil and Dylox on Aquatic Insects Incidental to Attempts to Control Spruce Budworm in Maine, 1976. *In: K.G.Stratton (Ed.), Environ.Monit.of Cooperative Spruce Budworm Control Project, Maine 1976 and 1977, Maine Forest Serv., Dep.of Conservation, Augusta, ME 207-216.*

EcoReference No.: 16309

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

567. Triolo, A. J., Lang, W. R., Coon, J. M., Lindstrom, D. , and Herr, D. L. (1982). Effect of the

Insecticides Toxaphene and Carbaryl on Induction of Lung Tumors by Benzo(a)pyrene in the Mouse. *J.Toxicol.Environ.Health* 9: 637-649.

EcoReference No.: 39134

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

568. Tripathi, G. and Shukla, S. P. (1988). Toxicity Bioassay of Technical and Commercial Formulations of Carbaryl to the Freshwater Catfish, *Clarias batrachus*. *Ecotoxicol.Environ.Saf.* 15: 277-281.

EcoReference No.: 13053

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

569. Tripathi, P. K. and Singh, A. (2004). Carbaryl Induced Alterations in the Reproduction and Metabolism of Freshwater Snail *Lymnaea acuminata*. *Pestic.Biochem.Physiol.* 79: 1-9.

EcoReference No.: 86766

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

570. Tripathi, P. K. and Singh, A. (2002). Toxic Effects of Dimethoate and Carbaryl Pesticides on Carbohydrate Metabolism of Freshwater Snail *Lymnaea acuminata*. *Bull.Environ.Contam.Toxicol.* 68: 606-611.

EcoReference No.: 65841

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

571. Tripathi, P. K. and Singh, A. (2003). Toxic Effects of Dimethoate and Carbaryl Pesticides on Protein Metabolism of the Freshwater Snail *Lymnaea acuminata*. *Bull.Environ.Contam.Toxicol.* 70: 146-152.

EcoReference No.: 71890

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

572. Tripathi, P. K. and Singh, A. (2003). Toxic Effects of Dimethoate and Carbaryl Pesticides on Reproduction and Related Enzymes of the Freshwater Snail *Lymnaea acuminata*. *Bull.Environ.Contam.Toxicol.* 71: 535-542.

EcoReference No.: 71686

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

573. Trisyono, A. and Chippendale, G. M. (1997). Effect of the Nonsteroidal Ecdysone Agonists, Methoxyfenozide and Tebufenozide, on the European Corn Borer (Lepidoptera: Pyralidae). *J.Econ.Entomol.* 90: 1486-1492.

EcoReference No.: 64128

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

574. Trisyono, A., Puttler, B., and Chippendale, G. M. (2000). Effect of the Ecdysone Agonists, Methoxyfenozide and Tebufenozide, on the Lady Beetle, *Coleomegilla maculata*.

*Entomol.Exp.Appl.* 94: 103-105.

EcoReference No.: 64129

Chemical of Concern: MFZ,CBL,TUZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MFZ,CBL,TUZ).

575. Twagilimana, L., Bohatier, J., Groliere, C-A., Bonnemoy, F., and Sargos, D. (1998). A New Low-Cost Microbiotest with the Protozoan *Spirostomum teres*: Culture Conditions and Assessment of Sensitivity of the Ciliate to 14 Pure Chemicals. *Ecotoxicol.Environ.Saf.* 41: 231-244.

EcoReference No.: 20057

Chemical of Concern: Cd,CuS,CBL,HCCH,MP,CPH,NaPCP,HgCl<sub>2</sub>,Zn,Cr,PRN,PbN,THM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,CuS,NaPCP),OK(ALL CHEMS).

576. Uddin, M. B., Karim, M. A., and Alam, M. Z. (1995). Effectiveness of Some Carbamate Insecticides for Repelling a Pest Bird (*Lonchura striata*) to Reduce Ear Damage of Fox-Tail Millet. *Pak.J.Sci.Ind.Res.* 38: 435-437.

EcoReference No.: 87672

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

577. Ukeles, R. (1962). Growth of Pure Cultures of Marine Phytoplankton in the Presence of Toxicants. *Appl.Microbiol.* 10: 532-537.

EcoReference No.: 8039

Chemical of Concern: TXP,Nabam,CBL,DCB,Du,PL,CBZ,DDT,DZ; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(CBL,DCB,DZ),OK(ALL CHEMS).

578. Union Carbide Chemical and Plastics Company (1991). Letter Submitting Multiple Enclosed Studies on Multiple Chemicals with Attachments. *EPA/OTS Doc.#86-920000742* 1,534 p. (NTIS/OTS0535072).

EcoReference No.: 75195

Chemical of Concern: ACL,HOX,4AP,FML,EGY,CBL,TEG,BMN; Habitat: AT; Effect Codes: MOR,GRO,BEH,BCM,CEL; Rejection Code: LITE EVAL CODED(CBL),OK(HOX,FML,EGY,TEG,BMN),NO COC(ADC,CBF,MTAS),NO CONTROL(ACL,4AP).

579. Vasumathi, D., Sampath, K., and James, R. (2001). Acute Toxicity of Endosulfan, Methyl Parathion and Carbaryl on *Macropodus cupanus*. *Environ.Ecol.* 19: 576-579.

EcoReference No.: 87644

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

580. Venkateswaran, P. and Ramaswamy, M. (1987). Lactic Acidosis in Different Tissues of *Sarotherodon mossambicus* (Peters) Exposed to Sevin. *Curr.Sci.* 56: 320-322.

EcoReference No.: 4550

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

581. Verma, S. R., Bansal, S. K., Gupta, A. K., Pal, N., Tyagi, A. K., Bhatnagar, M. C., Kumar, K., and Dalela, R. C. (1979). Acute Toxicity of Twenty Three Pesticides to a Fresh Water Teleost, *Saccobranchus fossilis*. In: *S.R.Verma, A.K.Tyagi, and S.K.Bansal (Eds.), Environmental Biology: Proc.Symp.EnvIRON.Biol.,Muzaffarnagar, India* 481-497.
- EcoReference No.: 7375  
 Chemical of Concern:  
 ABT,CBF,CBL,THM,ES,HPT,CHD,AND,HCCH,PHSL,DZ,DMT,TCF,DDVP,MLN,FNT;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
 CODED(MLN,CBL,DZ),OK(ALL CHEMS).
582. Verma, S. R., Bansal, S. K., Gupta, A. K., Pal, N., Tyagi, A. K., Bhatnagar, M. C., Kumar, V., and Dalela, R. C. (1982). Bioassay Trials with Twenty Three Pesticides to a Fresh Water Teleost, *Saccobranchus fossilis*. *Water Res.* 16: 525-529.
- EcoReference No.: 15179  
 Chemical of Concern:  
 HPT,CBF,CBL,CHD,DMT,HCCH,ES,DDVP,MLN,FNT,AND,DZ,PHSL,ABJ; Habitat: A;  
Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,CBF,DMT),OK(ALL CHEMS),NO COC(OXD).
583. Verma, S. R. and Tonk, I. P. (1984). Biomonitoring of the Contamination of Water by a Sublethal Concentration of Pesticides - A System Analysis Approach. *Acta Hydrochim.Hydrobiol.* 12: 399-409.
- EcoReference No.: 12980  
 Chemical of Concern: DEM,DDVP,CBF,CHD,AND,CBL; Habitat: A; Effect Codes: PHY,BCM,MOR; Rejection Code: LITE EVAL CODED(CBL,CBF),OK(ALL CHEMS).
584. Verma, S. R., Tonk, I. P., and Dalela, R. C. (1981). Determination of the Maximum Acceptable Toxicant Concentration (MATC) and the Safe Concentration for Certain Aquatic Pollutants. *Acta Hydrochim.Hydrobiol.* 9: 247-254.
- EcoReference No.: 10385  
 Chemical of Concern: DDVP,Cd,PL,CBL,MLN,CBF,CuS,DEM,CHD,NaPCP; Habitat: A;  
Effect Codes: MOR,GRO; Rejection Code: LITE EVAL  
 CODED(CBL,CBF,CuS,NaPCP)//OK(ALL CHEMS).
585. Verma, S. R., Tonk, I. P., Gupta, A. K., and Saxena, M. (1984). Evaluation of an Application Factor for Determining the Safe Concentration of Agricultural and Industrial Chemicals. *Water Res.* 18: 111-115.
- EcoReference No.: 10575  
 Chemical of Concern:  
 NaPCP,CHD,Cd,CuS,Zn,HgCl2,ABT,CBF,HCCH,DDVP,CBL,PL,ES,MLN,SA,AND;  
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL  
 CODED(CBL,CBF,CuS,NaPCP)//OK(ALL CHEMS).
586. Versteeg, D. J. (1990). Comparison of Short- and Long-Term Toxicity Test Results for the Green Alga, *Selenastrum capricornutum*. In: *W.Wang, J.W.Gorsuch, and W.R.Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA* 40-48.
- EcoReference No.: 17639  
 Chemical of Concern: Cu20,SZ,Cd,PCP,CBL,ATZ; Habitat: A; Effect Codes: PHY,POP;  
Rejection Code: LITE EVAL CODED(CBL,ATZ,SZ,PCP,Cu2O),OK(Cd) .

587. Ville, P., Roch, P., Cooper, E. L., and Narbonne, J.-F. (1997). Immuno-Modulator Effects of Carbaryl and 2,4 D in the Earthworm *Eisenia fetida andrei*. *Arch. Environ. Contam. Toxicol.* 32: 291-297.
- EcoReference No.: 40121  
 Chemical of Concern: CBL,24D; Habitat: T; Effect Codes: BCM,CEL,MOR,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(24D).
588. Virk, S., Kaur, K., and Kaur, S. (1987). Histopathological and Biochemical Changes Induced by Endrin and Carbaryl in the Stomach, Intestine and Liver of *Mystus tengara*. *Indian J. Ecol.* 14: 14-20.
- EcoReference No.: 3244  
 Chemical of Concern: EN,CBL; Habitat: A; Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(CBL),OK(EN).
589. Walgenbach, J. F., Leidy, R. B., and Sheets, T. J. (1991). Persistence of Insecticides on Tomato Foliage and Implications for Control of Tomato Fruitworm (Lepidoptera: Noctuidae). *J. Econ. Entomol.* 84: 978-986.
- EcoReference No.: 74169  
 Chemical of Concern: MOM,EFV,ES,CBL,RTN; Habitat: T; Effect Codes: PHY,POP,ACC,MOR; Rejection Code: LITE EVAL CODED(EFV,MOM),OK(ALL CHEMS).
590. Walsh, G. E. and Alexander, S. V. (1980). A Marine Algal Bioassay Method: Results with Pesticides and Industrial Wastes. *Water Air Soil Pollut.* 13: 45-55 (Author Communication Used).
- EcoReference No.: 5297  
 Chemical of Concern: CBL,EP,MP,PRT,TBC,PMR; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL,PRT),OK(ALL CHEMS).
591. Weaver, J. E. and McCutcheon, T. W. (1988). Green June Beetle Control, West Virginia, 1987. *Insectic. Acaric. Tests* 13: 270 (No. 121F).
- EcoReference No.: 88816  
 Chemical of Concern: CBL,CYH,TCF,CYF,DZ,ACP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL,DZ),OK(ALL CHEMS).
592. Weil, C. S., Woodside, M. D., Bernard, J. B., Condra, N. I., King, J. M., and Carpenter, C. P. (1973). Comparative Effect of Carbaryl on Rat Reproduction and Guinea Pig Teratology When fed Either in the Diet or by Stomach Intubation. *Toxicol. Appl. Pharmacol.* 26: 621-638.
- EcoReference No.: 39322  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM,GRO,MOR,REP; Rejection Code: LITE EVAL CODED(CBL).
593. Weil, C. S., Woodside, M. D., Carpenter, C. P., and Smyth, H. F. Jr. (1972). Current Status of Tests of Carbaryl for Reproductive and Teratogenic Effect. *Toxicol. Appl. Pharmacol.* 21: 390-404.
- EcoReference No.: 39323  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: REP,GRO,MOR; Rejection Code: LITE EVAL CODED(CBL).

594. Weis, J. S. and Mantel, L. H. (1976). DDT as an Accelerator of Limb Regeneration and Molting in Fiddler Crabs. *Estuar.Coast.Mar.Sci.* 4: 461-466.
- EcoReference No.: 61096  
 Chemical of Concern: CBL,DDT,MLN,PRN; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(DDT,PRN).
595. Weis, J. S. and Weis, P. (1975). Retardation of Fin Regeneration in Fundulus by Several Insecticides. *Trans.Am.Fish.Soc.* 104: 135-137.
- EcoReference No.: 8232  
 Chemical of Concern: DDT,CBL,MLN,PRN; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL),OK(DDT,MLN,PRN).
596. Weis, P. and Weis, J. S. (1974). Schooling Behavior of Menidia medidia in the Presence of the Insecticide Sevin (Carbaryl). *Mar.Biol.* 28: 261-263.
- EcoReference No.: 6302  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL).
597. Weissling, T. J. and Meinke, L. J. (1991). Potential of Starch Encapsulated Semiochemical-Insecticide Formulations for Adult Corn Rootworm (Coleoptera: Chrysomelidae) Control. *J.Econ.Entomol.* 84: 601-609.
- EcoReference No.: 73709  
 User Define 2: WASHT,CALFT  
 Chemical of Concern: MOM,CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK.
598. Weltens, R., Vanderplaetse, F., Vangenechten, C., and Verhulst, T. (2000). Automated beta Galactosidase Activity Bioassay for Adult Daphnia magna Versus Classic Immobilization Test. *Bull.Environ.Contam.Toxicol.* 65: 139-146.
- EcoReference No.: 55506  
 Chemical of Concern: Cd,Hg,Zn,CBL,HCCH,PCP,Se; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBL,PCP),OK(Cd,Hg,Zn,HCCH,Se).
599. Wernersson, A. S. and Dave, G. (1997). Phototoxicity Identification by Solid Phase Extraction and Photoinduced Toxicity to Daphnia magna. *Arch.Environ.Contam.Toxicol.* 32: 268-273.
- EcoReference No.: 17714  
 Chemical of Concern: FA,FNV,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL),OK(FA,FNV).
600. Westlake, G. E., Hardy, A. R., and Stevenson, J. H. (1985). Effects of Storage and Pesticide Treatments on Honey Bee Brain Acetyl Cholinesterase Activities. *Bull.Environ.Contam.Toxicol.* 34: 668-675.
- EcoReference No.: 35515  
 Chemical of Concern: CYP,PMR,DM,PHSL,AZ,CBL,DMT; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DMT,CYP,CBL).
601. Whitten, B. K. and Goodnight, C. J. (1966). Toxicity of Some Common Insecticides to Tubificids. *J.Water Pollut.Control Fed.* 38: 227-235.

- EcoReference No.: 8046  
 Chemical of Concern: DDT,PRN,HCCH,DLD,CBL,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL) OK(ALL CHEMS).
602. Wilder, I. B. and Stanley, J. G. (1983). RNA-DNA Ratio as an Index to Growth in Salmonid Fishes in the Laboratory and in Streams Contaminated by Carbaryl. *J.Fish Biol.* 22: 165-172.
- EcoReference No.: 11074  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(CBL).
603. Wood, B. and Payne, J. (1984). Influence of Single Applications of Insecticides on Net Photosynthesis of Pecan. *Hortscience* 19: 265-266.
- EcoReference No.: 44270  
 Chemical of Concern: PHSL,MOM,CBL,AZ,FNV,DMT; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(AZ,DMT,MOM),OK(PHSL,CBL,FNV).
604. Wood, B. W. and Payne, J. A. (1986). Net Photosynthesis of Orchard Grown Pecan Leaves Reduced by Insecticide Sprays. *Hortscience* 21: 112-113.
- EcoReference No.: 74343  
 Chemical of Concern: MOM,CBL,FNV,DMT,PHSL; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MOM,DMT),OK(ALL CHEMS).
605. Worthley, E. G. and Schott, C. D. (1972). The Comparative Effects of CS and Various Pollutants on Fresh Water Phytoplankton Colonies of *Wolffia papulifera* Thompson. *Edgewater Arsenal Tech.Rep.EATR 4595* 29 p. (U.S.NTIS AD-736336).
- EcoReference No.: 9184  
 Chemical of Concern: 24DXY,CBL,DZ,MLN,IAA,AND,DLD,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,IAA,DZ),OK(ALL CHEMS).
606. Yoke, O. P. and Sudderuddin, K. I. (1975). Toxicological Studies of Four Insecticides Against *Musca domestica* L. *Southeast Asian J.Trop.Med.Public Health* 6: 525-531.
- EcoReference No.: 70125  
 Chemical of Concern: RSM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM).
607. Yu, S. J. (1991). Insecticide Resistance in the Fall Armyworm, *Spodoptera frugiperda* (J. E. Smith). *Pestic.Biochem.Physiol.* 39: 84-91.
- EcoReference No.: 73599  
 Chemical of Concern: MOM,PMR,CYP,CYT,BFT,TMT,FVL,DZ,CPY,MP,CBL,TDC,DDVP,SPS,TLM,MLN,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,FVL,CYP).
608. Yueh, L. Y. and Hensley, D. L. (1993). Pesticide Effect on Acetylene Reduction and Nodulation by Soybean and Lima Bean. *J.Am.Soc.Hortic.Sci.* 118: 73-76.
- EcoReference No.: 70497  
 User Define 2: REPS,WASH,CALF,CORE,SENT  
 Chemical of Concern: PNB,DZ,CBL,MOM,SXD; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: TARGET(SXD).



609. Yueh, L. Y. and Hensley, D. L. (1993). Pesticide Effect on Acetylene Reduction and Nodulation by Soybean and Lima Bean. *J.Am.Soc.Hortic.Sci.* 118: 73-76.
- EcoReference No.: 70497  
 Chemical of Concern: CAPTAN,MANEB,ZINEB,MOM,MLN,PMR,BT,SXD,TFN,DZ,CBL,PNB; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(DZ),TARGET(SXD),OK(ALL CHEMS).
610. Zaga, A., Little, E. E., Rabeni, C. F., and Ellersieck, M. R. (1998). Photoenhanced Toxicity of a Carbamate Insecticide to Early Life Stage Anuran Amphibians. *Environ.Toxicol.Chem.* 17: 2543-2553.
- EcoReference No.: 15683  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(CBL).
611. Zeman, P. and Zelezny, J. (1985). The Susceptibility of the Poultry Red Mite, *Dermanyssus gallinae* (De Geer, 1778), to Some Acaricides Under Laboratory Conditions. *Exp.Appl.Acarol.* 1: 17-22.
- EcoReference No.: 71145  
 Chemical of Concern: DDT,CBL,HCCH,PMR,CYP,DM,TMT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP).
612. Zimmerman, R. J. and Cranshaw, W. S. (1990). Compatibility of Three Entomogenous Nematodes (Rhabditida) in Aqueous Solutions of Pesticides Used in Turfgrass Maintenance. *J.Econ.Entomol.* 83: 97-100.
- EcoReference No.: 71366  
 Chemical of Concern: PCB,DZ,Hg,CBL,CPY,PNB,BDC,BMY,DMB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DMB),OK(ALL CHEMS)//NO SPECIES(PCB).
613. Zinkl, J. G., Shea, P. J., Nakamoto, R. J., and Callman, J. (1987). Brain Cholinesterase Activity of Rainbow Trout Poisoned by Carbaryl. *Bull.Environ.Contam.Toxicol.* 38: 29-35.
- EcoReference No.: 12399  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: PHY,MOR,BEH,ACC; Rejection Code: LITE EVAL CODED (CBL).

**Acceptable for ECOTOX but not OPP**

1. Abad, A., Moreno, M. J., Pelegri, R., Martinez, M. I., Saez, A., Gamon, M., and Montoya, A. ( 1999). Determination of Carbaryl, Carbofuran and Methiocarb in Cucumbers and Strawberries by Monoclonal Enzyme Immunoassays and High-Performance Liquid Chromatography with Fluorescence Detection. An Analytical Comparison. *J.Chromatogr.A* 833: 3-12.

Chemical of Concern: CBL,CBF; Habitat: T; Rejection Code: NO CONC.

2. 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(ALL CHEMS).

3. Abdou, R. F. and Abdel-Wahab, M. A. (1985). Cytological and Developmental Effects of Certain Insecticides in *Vicia faba*. *Int.Pest Control* 27: 123-125.  
  
EcoReference No.: 44263  
Chemical of Concern: CBL,CPY,CYP,MTM; Habitat: T; Effect Codes: REP,GRO,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
4. Acevedo, R. ( 1991). Preliminary Observations on Effects of Pesticides Carbaryl, Naphthol, and Chlorpyrifos on Planulae of the Hermatypic Coral *Pocillopora damicornis*. *Pac.Sci.* 45: 287-289.  
  
EcoReference No.: 71944  
Chemical of Concern: CBL,CPY; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(CBL,CPY).
5. Adair, R. J. and Holtkamp, R. H. (1999). Development of a Pesticide Exclusion Technique for Assessing the Impact of Biological Control Agents for *Chrysanthemoides monilifera*. *Biocontrol Sci.Technol.* 9: 383-390.  
  
EcoReference No.: 77561  
Chemical of Concern: CBF,DMT,FVL,CBL,BMY; Habitat: T; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT(FVL),MIXTURE(DMT,CBL,BMY,CBF),TARGET(CBL).
6. Adams, P. B. and Wong, J. A. L. (1991). The Effect of Chemical Pesticides on the Infection of Sclerotia of *Sclerotinia minor* by the Biocontrol Agent *Sporidesmium sclerotivorum*. *Phytopathology* 81: 1340-1343.  
  
EcoReference No.: 70656  
Chemical of Concern: PNB,CBL,CHD,DZ; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(DZ).
7. Adhikary, S. P. (1989). Effect of Pesticides on the Growth, Photosynthetic Oxygen Evolution and Nitrogen Fixation of *Westiellopsis prolifica*. *J.Gen.Appl.Microbiol.* 35: 319-326.  
  
EcoReference No.: 74837  
Chemical of Concern: CBF,CBL,DMT; Habitat: A; Effect Codes: GRO,MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
8. Adhikary, S. P., Dash, P., and Pattnaik, H. (1984). Effect of the Carbamate Insecticide Sevin on *Anabaena* sp. and *Westiellopsis prolifica*. *Acta Microbiol.Hung.* 31: 335-338.  
  
EcoReference No.: 9257  
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,PHY; Rejection Code: NO CONTROL(CBL).
9. Agnello, A. M., Spangler, S. M., Reissig, W. H., Lawson, D. S., and Weires, R. W. (1992). Seasonal Development and Management Strategies for Comstock Mealybug (Homoptera: Pseudococcidae) in New York Pear Orchards. *J.Econ.Entomol.* 85: 212-225.  
  
EcoReference No.: 73713  
Chemical of Concern: MOM,CPY,CBL,MP,AZ,ES,RSM,EFV,MVP; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK(MOM),TARGET(RSM,EFV).
10. Agrawal, H. P. (1986). The Accumulation of Biocide Residues in a Few Tissues of *Lamellidens marginalis*. *J.Anim.Morphol.Physiol.* 33: 45-50.

EcoReference No.: 3986  
Chemical of Concern: CBL,CHD; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

11. Ahmad, M., Hollingworth, R. M., and Wise, J. C. (2002). Broad-Spectrum Insecticide Resistance in Obliquebanded Leafroller \_Choristoneura rosaceana\_ (Lepidoptera: Tortricidae) from Michigan. *Pest Manag.Sci.* 58: 834-838.

EcoReference No.: 70966  
Chemical of Concern:  
IDC,CFP,EMMB,MFZ,TUZ,BFT,ZCYP,AZ,CPY,PSM,CYP,DM,EFV,ES,TDC,MOM,MZ,CBL,SS; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MOM),TARGET(CYP,BFT,EFV).

12. Ahmad, M. and McCaffery, A. R. (1991). Elucidation of Detoxication Mechanisms Involved in Resistance to Insecticides in the Third Instar Larvae of a Field-Selected Strain of *Helicoverpa armigera* with the Use of Synergists. *Pestic.Biochem.Physiol.* 41: 41-52.

EcoReference No.: 74894  
Chemical of Concern: PPB,CYP,FNV,DDT,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),TARGET(CYP,CBL).

13. Ahmad, M. H. and Vekataraman, G. S. (1973). Tolerance of *Aulosira fertilissima* to Pesticides. *Curr.Sci.* 42: 108 (ABS).

Chemical of Concern: MCPB,MCPA,HCCH,PRN,EN,CBL,DZ,PPN; Habitat: A; Rejection Code: NO ABSTRACT.

14. Al-Thaqafi, K. and White, K. N. (1991). Effect of Shore Position and Environmental Metal Levels on Body Metal Burdens in the Barnacle, *Elminius modestus*. *Environ.Pollut.* 69: 89-104.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO CONC.

15. Alawi, M. A., Gharaibeh, S., and Al Shureiki, Y. (1990). Rueckstandsuntersuchungen auf Fenitrothion und Pyrethroide in Wasser, Boden und Pflanzen nach der Heuschreckenbekaempfung in Jordanien 1989. *Chemosphere* 20: 443-447 (GER).

EcoReference No.: 3113  
Chemical of Concern: PYT,CBL; Habitat: A; Rejection Code: NO FOREIGN.

16. Ali, A. D. and Garcia, J. (1988). White Grub Control in Kentucky Bluegrass, 1987. *Insectic.Acaric.Tests* 13: 330 (No. 6G).

EcoReference No.: 88829  
Chemical of Concern: CBL,EP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(EP,CBL).

17. Ali, M. S. (1989). Determination of N-Methylcarbamate Pesticides in Liver by Liquid Chromatography. *J.Assoc.Off.Anal.Chem.* 72: 586-592.

Chemical of Concern: MOM,ADC,CBF,CBL,MCB; Habitat: T; Rejection Code: NO IN VITRO.

18. Aly, O. M. and El-Dib, M. A. (1971). Studies on the Persistence of Some Carbamate Insecticides in the Aquatic Environment - I. Hydrolysis of Sevin, Baygon, Pyrolan and Dimetilan in Waters.

*Water Res.* 5: 1191-1205.

EcoReference No.: 60705

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SPECIES.

19. Amalin, D. M., Pena, J. E., Yu, S. J., and McSorley, R. (2000). Selective Toxicity of Some Pesticides to *Hibana velox* (Araneae: Anyphaenidae), a Predator of Citrus Leafminer. *Fla.Entomol.* 83 : 254-262.

EcoReference No.: 68114

Chemical of Concern: ALSV,Cu,CPY,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

20. Amer, S. (1964). Cytological Effects of N-Methyl-1-Naphthyl Carbamate "Sevin". *Naturwissenschaften* 51: 494-495.

EcoReference No.: 27777

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO GENETIC,TARGET(CBL).

21. Amer, S. (1965). Cytological Effects of Pesticides I. Mitotic Effects of N-Methyl-1-Naphthyl Carbamate "Sevin". *Cytologia* 30: 175-181.

EcoReference No.: 44264

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

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EcoReference No.: 75291

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

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EcoReference No.: 44248

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

24. Anderson, J. F. and Wojtas, M. A. (1986). Honey Bees (Hymenoptera: Apidae) Contaminated with Pesticides and Polychlorinated Biphenyls. *J.Econ.Entomol.* 79: 1200-1205.

Chemical of Concern: CBL,MOM,MP,MLN,DZ,CHD,ES,Captan; Habitat: T; Rejection Code: NO CONTROL(ALL CHEMS).

25. Andrawes, N. R., Chancey, E. L., Crabtree, R. J., Herrett, R. A., and Weiden, M. H. J. (1972). Fate of Naphthyl-1-14C Carbaryl in Laying Chickens. *J.Agric.Food Chem.* 20: 608-617.

EcoReference No.: 35652

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

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

27. 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,NaN<sub>3</sub>,Ni,CuS,PCP,NaPCP,NaCr,DBAC,Zn,ATZ,Cd,NaID,Pb,As,DCB,CBL; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

28. Areekul, S. (1986). Toxicity to Fishes of Insecticides Used in Paddy Fields and Water Resources. I. Laboratory Experiment. *Kasetsart J.* 20: 164, 178 (Thi) (Eng Abs); C.A.Sel.-  
*Environ.Pollut.*12:106-190732T (1987).

EcoReference No.: 283

User Define 2: ECOTOX MED,WASH,CALF,CORE

Chemical of Concern: CBL,CPY,DS,DZ,MLN,PRT,ADC; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.

29. Arora, N. and Kulshrestha, S. K. (1984). Comparison of the Toxic Effects of Two Pesticides on the Testes of a Fresh Water Teleost *Channa striatus* BL. *Acta Hydrochim.Hydrobiol.* 12: 435-441.

EcoReference No.: 11260

Chemical of Concern: CBL,ES; Habitat: A; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT(CBL,ES).

30. Arora, N. and Kulshrestha, S. K. (1985). Effects of Chronic Exposure to Sublethal Doses of Two Pesticides on Alkaline and Acid Phosphatase Activities in the Intestine of a Fresh Water Teleost, *Channa striatus* BL. (Channidae). *Acta Hydrochim.Hydrobiol.* 13: 619-624.

EcoReference No.: 11306

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

31. Arunachalam, S., Palanichamy, S., and Balasubramanian, M. P. (1985). Effect of Carbaryl on Esterases in the Air-Breathing Fish *Channa punctatus* (Bloch). *Proc.Indian Acad.Sci.(Anim.Sci.)* 94: 73-77.

EcoReference No.: 12459

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

32. 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(ALL CHEMS).

33. Aspöck, H. and Ander Lan, H. (1963). Ökologische Auswirkungen und Physiologische Besonderheiten des Pflanzenschutzmittels Sevin (1-Naphtyl-N-Methylcarbamat). *Z. Angew. Zool.* 50: 343-380 (GER)(ENG ABS).

EcoReference No.: 59316

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

34. Atiri, G. I., Ivbijaro, M. F., and Oladele, A. D. (1991). Effects of Natural and Synthetic Chemicals on the Incidence and Severity of Okra Mosaic Virus in Okra. *Trop. Agric.* 68: 178-180.

EcoReference No.: 75423

Chemical of Concern: DMT,AZD,CBL,LCYT,CYP; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(AZD),OK(CBL,LCYT),NO MIXTURE(DMT,CYP),TARGET(CBL).

35. 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: DZ,CPY,EN,CBL,ES; Habitat: T; Rejection Code: TARGET(DZ).

36. Atlavinyte, O., Daciulyte, J., and Lugauskas, A. (1977). The Effect of Lumbricidae on Plant Humification and Soil Organism Biocenoses Under Application of Pesticides. *Ecol. Bull.* 25: 222-228.

EcoReference No.: 70733

Chemical of Concern: SZ,CBL; Habitat: T; Effect Codes: GRO,POP,BEH,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

37. Atterby, H., Kerins, G. M., and MacNicoll, A. D. (2005). Whole-Carcass Residues of the Rodenticide Difenacoum in Anticoagulant-Resistant and -Susceptible Rat Strains (*Rattus norvegicus*). *Environ. Toxicol. Chem.* 24: 318-323.

EcoReference No.: 79379

Chemical of Concern: DFM,CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(DFM).

38. Awasthi, M. D. (1990). Soil Retention and Plant Uptake of Soil Applied Granular Phorate and Carbaryl. *Indian J. Plant Prot.* 18: 219-223.

EcoReference No.: 78830

Chemical of Concern: PRT,CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PRT,CBL),TARGET(CBL).

39. Babcock, J. M. and Tanigoshi, L. K. (1988). Resistance Levels of *Typhlodromus occidentalis* (Acari: Phytoseiidae) from Washington Apple Orchards to Ten Pesticides. *Exp. Appl. Acarol.* 4: 151-157.

EcoReference No.: 74105

Chemical of Concern: CHX,FTT,PPG,AZ,DZ,MOM,CBL,FNV,ES,MDT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ).

40. Bahl, A. K. and Pomeroy, B. S. (1978). Acute Toxicity in Poults Associated with Carbaryl Insecticide. *Avian Dis.* 22: 526-528.

EcoReference No.: 35705  
Chemical of Concern: CBL; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: NO ENDPOINT(CBL).

41. Baidina, N. L. (1994). Inactivation of Heavy Metals by Humus and Zeolites in a Technogenically Polluted Soil. *Pochvovedenie* 0: 121-125.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO SPECIES,NO TOX DATA.

42. Bajpai, V. N. and Perti, S. L. (1969). Resistance to Malathion. *Pesticides* 3: 43-45.

EcoReference No.: 60753  
Chemical of Concern: MLN,DZ,DLN,DDT,HCCH,CBL,FNTH; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

43. Bakalian, A. B. (1985). The Use of Sevin on Estuarine Oyster Beds in Tillamook Bay, Oregon. *Coast.Zone Manage.J.* 13 : 49-83.

EcoReference No.: 60754  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO DURATION,NO TOX DATA.

44. Bakthavathsalam, R., Murugaboopathy, N., and Karnan, P. (1987). Effects of Carbofuran on Certain Tissues of the Fish *Lepidocephalichthys thermalis*. *Aquat.Sci.Fish.Abstr.17(11, Pt.1):16596-1Q17 / Environ.Ecol.* 5: 216-219.

there is no abstract attached to the cover sheet. it has fallen off//  
EcoReference No.: 11859  
User Define 2: TITLE MED,WASH,CALF  
Chemical of Concern: CBL,CBF; Habitat: A; Effect Codes: CEL; Rejection Code: NO ABSTRACT.

45. Balasubramanian, S. and Ramaswami, M. (1991). Effect of Pesticide Sevin on Acetylcholinesterase (AchE) Activity in Different Tissues of *Oreochromis mossambicus* (Peters). *J.Ecobiol.* 3: 117-122.

EcoReference No.: 7521  
Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(CBL).

46. Baldwin, N. A. and Bennett, J. R. (1990). Evaluation of Chemical Treatments for Inhibition of Earthworm Casting in Amenity Turf. *Tests Agrochem.Cultiv.* 11: 14-15.

EcoReference No.: 40463  
Chemical of Concern: Fe,RTN,CuS,KPM,CBL,CHD,SFR; Habitat: T; Effect Codes: PHY; Rejection Code: NO OM, ERE,OK TARGET(ALL CHEMS).

47. Barcelo, J. and Poschenrieder, C. (1992). Plant Responses to Heavy Metal Contamination (Respuestas de las Plantas a la Contaminacion por Metales Pesados). *Suelo Planta* 2: 345-361.

EcoReference No.: 56498  
Chemical of Concern: CBL; Habitat: T; Rejection Code: NON-ENGLISH,TARGET(CBL).

48. Barker, J. L. (1964). An Evaluation of the Effect of Sevin upon Fish and Some Aquatic Macroinvertebrates. *New Jersey Dep.of Conservation and Economic Dev., Div.of Fish and*

*Game, Fish.Res.and Dev.Section, Misc.Rep.No.26* 12 p.

EcoReference No.: 15678

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

49. Baronia, A. K., Sahai, Y. N., and Sharma, J. D. (1992). Histopathological Alterations Induced by Carbaryl in the Adrenals of Rat. *J.Ecobiol.* 4: 201-203.

EcoReference No.: 86936

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

50. Barua, B. and Jana, S. (1986). Effects of Heavy Metals on Dark Induced Changes in Hill Reaction Activity, Chlorophyll and Protein Contents, Dry Matter and Tissue Permeability in Detached Spinacia oleracea L. Leaves. *Photosynthetica* 20: 74-76.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.

51. 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 (Biol.Sci.)* 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).

52. Baydina, N. L. (1996). Inactivation of Heavy Metals by Humus and Zeolites in Industrially Contaminated Soil. *Eurasian Soil Sci.* 28: 96-105.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE,SPECIES.

53. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Field Crops, Forage Crops, and Pastures. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91006, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.

Chemical of Concern:

PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP, PAQT,BMN,SZ,CPY,DDVP,TDC,BDC; Habitat: T; Rejection Code: NO TOX DATA.

54. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Fruit and Nut Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91004, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.

Chemical of Concern:

PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP, PAQT,BMN,SZ,CPY,DDVP,TDC,BDC; Habitat: T; Rejection Code: NO TOX DATA.

55. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Ornamentals and Turf. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91003, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.



Chemical of Concern:  
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,  
PAQT,BMN,SZ,CPY,DDVP,TDC,BDC; Habitat: T; Rejection Code: NO TOX DATA.

56. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Vegetable Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91005, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.

Chemical of Concern:  
PIM,MOM,TBO,EFV,DM,MB,TCF,PPHN,ADC,AZ,CBL,DZ,FNT,ES,PMR,DU,ATZ,GYP,  
PAQT,BMN,SZ,CPY,DDVP,TDC,BDC; Habitat: T; Rejection Code: NO TOX DATA.

57. Beck, L. and Dumpert, K. (1984). Vergleichende Okologische Untersuchungen in Einem Buchenwald nach Einwirkung von Umweltchemikalien. *Projekt: Methoden zur Okologische Bewertung von Chemikalien (Voortgangsrapportage Jan. '82 - Juni '84)*.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ARCHIVE.

58. Behki, R. M. (1994). Degradation of Thiocarbamate Herbicides and Organophosphorus Insecticides by Rhodococcus Species. In: *G.R.Chaudhry (Ed.), Biological Degradation of Bioremediation of Toxic Chemicals, Chapter 11, Dioscorides Press, Portland, OR* 234-255.

Chemical of Concern: TRL,CYC,VNT,BTY,MXC,GFS,AND,CBL,MLT,EPTC; Habitat: T; Rejection Code: NO BACTERIA.

59. Behrendt, S. and Menck, B. H. (1974). Herbicidal Spectrum and Effect of Bentazon-Dichlorprop with Special Consideration of Developmental Stages of Weeds, Temperature at Time of Application and Rainfall Before and After Application (Wirkungsspektrum und Wirkung von Bentazon + Dichlorprop unter Besonderer Berücksichtigung der Unkrautstadien, der Temperatur zum Zeitpunkt und der Niederschläge von und nach der Behandlung). *Z Pflanzenkr.Pflanzenschutz* 81: 257-264.

EcoReference No.: 30146

Chemical of Concern: BT,DPP1,CBL; Habitat: T; Rejection Code: NO FOREIGN.

60. Bellows, T. S. Jr. and Morse, J. G. (1993). Toxicity of Insecticides Used in Citrus to *Aphytis Melinus debach* (Hymenoptera: Aphelinidae) and *Rhizobius lophanthae* (Blaisd.) (Coleoptera: Coccinellidae). *Can.Entomol.* 125: 987-994.

EcoReference No.: 59334

Chemical of Concern: MOM,AZ,BFT,EFV,FPP,FVL,CBL,TDC,MVP,Naled,TCF; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MOM),TARGET(FVL,BFT,EFV).

61. Bernard, F. J. and Lane, C. E. (1961). Absorption and Excretion of Copper Ion During Settlement and Metamorphosis of the Barnacle, *Balanus Amphitrite niveus*. *Biol.Bull.* 121: 438-448.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO DURATION.

62. Beys-I'Hoest, B. (1991). Pollution of Ecosystems by Acridian Control Measures (La Pollution des Ecosystemes par la Lutte Antiacridienne). *Nat.Belg.* 72: 41-64 (FRE).

EcoReference No.: 71631

Chemical of Concern: HCCH,DLD,DZ,CBL; Habitat: T; Rejection Code: NO FOREIGN.

63. Bhardwaj, A. C. and Rakesh Sharma (2000). Predatory Response of Naiad of *Pantala flavescens* Fabr.

(Odonata) Under Fenvalerate and Carbaryl Constrain. *J.Exp.Zool.(India)* 3: 115-117.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SOURCE.

64. Bhattacharya, S. (2001). Stress Response to Pesticides and Heavy Metals in Fish and Other Vertebrates. *PINSA-B: Proc.Int.Indian Natl.Sci.Acad.Part B* 67: 215-246.

EcoReference No.: 70123

Chemical of Concern: EN,ES,DLD,TXP,Hg,Cd,PCB,DDT,HCCH,AND,As,CBL; Habitat: A; Rejection Code: NO REVIEW.

65. Bhattacharya, S. (1993). Target and Non-Target Effects of Anticholinesterase Pesticides in Fish. *Sci.Total Environ.(Suppl.)* 859-876.

EcoReference No.: 4311

User Define 2: ECOTOX MED,WASH,CALF

Chemical of Concern: CBF,CBL,MP; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: NO CONTROL.

66. Bielecki, K. and Skrabka, M. (1976). Effect of Some Herbicides on Photosynthesis of Spirodela polyrrhiza (Lemnaceae). *Acta Agrobot.* 29: 59-68 (POL) (ENG ABS).

EcoReference No.: 30665

Chemical of Concern: SZ,CBL; Habitat: A; Rejection Code: NO FOREIGN.

67. Bills, T. D. and Marking, L. L. (1988). Control of Nuisance Populations of Crayfish with Traps and Toxicants. *Prog.Fish-Cult.* 50: 103-106.

EcoReference No.: 7603

Chemical of Concern: EDT,CBL,MLN,CYF,Cu,CuS,RTN,NaN3,ATM,CYF; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

68. Bittar, E. E. and Wu, J. R. (1993). Influence of Pentachlorophenol on Light Emission from Single Barnacle Muscle Fibers Preloaded with Aequorin. *Environ.Health Perspect.* 101: 622-625.

Chemical of Concern: PCP,CBL; Habitat: A; Rejection Code: NO IN VITRO.

69. Blickenstaff, C. C. and Skoog, F. E. (1974). Insecticides Tested Versus Grasshoppers: Correlations Between Results of Ground and Aerial Applications. *J.Econ.Entomol.* 67: 127-129.

EcoReference No.: 71348

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

70. Bluzat, R. and Seuge, J. (1979). Effects of Three Insecticides (Lindane, Fenthion, and Carbaryl) on the Acute Toxicity to Four Aquatic Invertebrate Species and the Chronic Toxicity. *Environ.Pollut.* 18: 51-70 (FRE) (ENG ABS).

EcoReference No.: 5589

Chemical of Concern: CBL,HCCH,FNTH; Habitat: A; Effect Codes: MOR,REP; Rejection Code: NO FOREIGN (ALL CHEMS).

71. Bluzat, R. and Seuge, J. (1979). Study of the Chronic Toxicity of Two Insecticides Carbaryl and Lindane on the F-1 Generation of *Lymnaea stagnalis* (Mollusca Gastropoda Pulmonata) 1. *Hydrobiologia* 65: 245-255 (FRE) (ENG ABS).

EcoReference No.: 6776

Chemical of Concern: CBL,HCCH; Habitat: A; Rejection Code: NO FOREIGN.

72. Bodola, A. (1968). The Effect the Application of Sevin to a Stream had on Some Immature Insect Species. *Bur Sport Fish Wildl Unpubl Rep* 48.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ARCHIVE.

73. Bogacka, T. and Groba, J. (1980). Toxicity and Biodegradation of Chlorfenvinphos, Carbaryl, and Propoxur in Water Environment. *Bromatol.Chem.Toksykol.* 13: 151-158 (POL) (ENG ABS).

EcoReference No.: 6191

Chemical of Concern: CBL; Habitat: A; Effect Codes: PHY,BCM,MOR; Rejection Code: NO FOREIGN(CBL).

74. Bogaerts, P., Bohatier, J., and Bonnemoy, F. (2001). Use of the Ciliated Protozoan *Tetrahymena pyriformis* for the Assessment of Toxicity and Quantitative Structure-Activity Relationships of Xenobiotics: Comparison with the Microtox Test. *Ecotoxicol.Environ.Saf.* 49: 293-301.

EcoReference No.: 62033

Chemical of Concern:

Hg,Cd,CuS,CrAC,Zn,Mn,Fe,Pb,Co,Ni,As,CBL,MLN,PRN,HCCH,DM,ATZ,DU,PL,

Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL

CODED(ATZ,CuS,CrAC),NO PUBL AS(PCP,NaPCP),OK(ALL CHEMS).

75. Bolhar-Nordenkamp, H. R. (1975). Changes in Chlorophyll Content in Ontogenetically Different Leaves of *Phaseolus Vulgaris* Var. *Nanus* L. After Atrazine Application (Die Veränderungen des Chlorophyllgehaltes in Ontogenetisch verschiedenen Blättern von *Phaseolus vulgaris* var.*nannus* l. nach Behandlung mit Atrazin). *Biochem.Physiol.Pflanz.(BPP)* 167: 41-64.

EcoReference No.: 30772

Chemical of Concern: ATZ,CBL; Habitat: T; Rejection Code: NO FOREIGN.

76. Boone, M. D. and James, S. M. (2003). Interactions of an Insecticide, Herbicide, and Natural Stressors in Amphibian Community Mesocosms. *Ecol.Appl.* 13: 829-841.

EcoReference No.: 81455

Chemical of Concern: ATZ,CBL; Habitat: AT; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(ATZ),OK(ALL CHEMS).

77. Borkowski, J. and Jankiewicz, L. S. (1979). Inhibition of Spinach Bolting by Growth Regulators. *Acta Agrobot.* 32: 233-238.

EcoReference No.: 30264

Chemical of Concern: MLH,CBL; Habitat: T; Effect Codes: GRO; Rejection Code: OK(MLH),NO COC(FAME),TARGET(CBL).

78. Bossard, R. L., Dryden, M. W., and Broce, A. B. (2002). Insecticide Susceptibilities of Cat Fleas (*Siphonaptera: Pulicidae*) from Several Regions of the United States. *J.Med.Entomol.* 39: 742-746.

EcoReference No.: 68605

User Define 2: NEW PPB

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

79. Bowman, J. S. and Barry, D. W. (1988). Control of Lepidopterous Larvae on Late Season Sweet Corn

with Foliar Sprays, 1987. *Insectic.Acaric.Tests* 13: 113-114 (No. 37E).

Chemical of Concern: CPY,MP,CYF,CYP,FNV,EFV,PMR,MOM,TDC,CBL; Habitat: T; Rejection Code: NO DURATION(CPY,FNV,TARGET-ALL CHEMS).

80. Bowman, M. C., Oller, W. L., Cairns, T., Gosnell, A. B., and Oliver, K. H. (1981). Stressed Bioassay Systems for Rapid Screening of Pesticide Residues. Part I: Evaluation of Bioassay Systems. *Arch.Environ.Contam.Toxicol.* 10: 9-24.

EcoReference No.: 2192

Chemical of Concern: ATZ,CBL,HgCl<sub>2</sub>,DLD,PRN,Maneb; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

81. Bozsik, A. (1991). Effect of Chemicals on Aphidophagous Insects: Response of Adults of Common Green Lacewing *Chrysoperla carnea* to Pesticides. In: L.Polgar, et al.(Eds.), *Behaviour and Impact of Aphidophaga, 4th Meet.of the IOBC W.G.Ecology of Ephidophaga, Sept.1990, Godollo, Hungary, SPB Acad.Publ.B.V., The Hague, Netherlands* 297-304.

EcoReference No.: 76482

Chemical of Concern:

DM,TCF,CBL,ES,MDT,MLX,EPH,PHSL,AMZ,Captan,DOD,Zineb,FRM,PCZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(CBL).

82. Brandon, P. C. and Elgersma, O. (1973). Effects of alpha-Benzyl-alpha-Bromo-Malodinitrile on the Primary Electron Acceptor of Photosystem II in Spinach Chloroplasts. *Biochim.Biophys.Acta* 292: 753-762.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.

83. Brattsten, L. B., Holyoke, C. W. Jr., Leeper, J. R., and Raffa, K. F. (1986). Insecticide Resistance: Challenge to Pest Management and Basic Research. *Science* 231: 1255-1260.

EcoReference No.: 72033

Chemical of Concern: CBL,DDT,AND,PYN,DZ,PPB,PRN,MP,ACP; Habitat: T; Rejection Code: NO REVIEW.

84. Brattsten, L. B. and Metcalf, R. L. (1973). Age-Dependent Variations in the Response of Several Species of Diptera to Insecticidal Chemicals. *Pestic.Biochem.Physiol.* 3: 189-198.

EcoReference No.: 87381

Chemical of Concern: DLD,AND,PPB,CBL; Habitat: T; Effect Codes: PHY,ACC,MOR; Rejection Code: NO CONTROL(CBL,DLD,AND,PPB).

85. Brattsten, L. B. and Metcalf, R. L. (1970). The Synergistic Ratio of Carbaryl with Piperonyl Butoxide as an Indicator of the Distribution of Multifunction Oxidases in the Insecta. *J.Econ.Entomol.* 63: 101-104.

EcoReference No.: 39905

Chemical of Concern: PPB,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,MIXTURE(PPB),OK(CBL),TARGET(CBL).

86. Breckenridge, A. M., Leck, J. B., Park, B. K., Serlin, M. J., and Wilson, A. (1978). Mechanisms of Action of the Anticoagulants Warfarin, 2-Chloro-3-Phytylnaphthoquinone (Cl-K), Acenocoumarol, Brodifacoum and Difenacoum in the Rabbit. *Br.J.Pharmacol.* 64: 399P.

EcoReference No.: 75568

Chemical of Concern: BDF,WFN,DFM,CBL; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

87. Bressa, G., Bronzi, P., Romano, P., Carmignato, F., Dorini, M., and Sisti, E. (1996). Chlorinated Pesticides and PCB Content in Thermal Aquaculture of Sturgeon (*Acipenser naccarii*). *Food Addit.Contam.* 13: 843-850.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE,CONC.

88. Bridges, C., Little, E., Gardiner, D., Petty, J., and Huckins, J. (2004). Assessing the Toxicity and Teratogenicity of Pond Water in North-Central Minnesota to Amphibians. *Environ.Sci.Pollut.Res.* 11: 233-239.

Chemical of Concern: ATZ,CBL; Habitat: A; Rejection Code: NO EFFLUENT.

89. Bridges, T. S. and Farrar, J. D. (1997). The Influence of Food Ration on Sediment Toxicity in *Neanthes arenaceodentata* (Annelida: Polychaeta). *Environ.Toxicol.Chem.* 16: 1659-1665.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO CONC,SEDIMENT.

90. Bridges, T. S. and Farrar, J. D. (1997). The Influence of Worm Age, Duration of Exposure and Endpoint Selection on Bioassay Sensitivity for *Neanthes arenaceodentata* (Annelida: Polychaeta). *Environ.Toxicol.Chem.* 16: 1650-1658.

Chemical of Concern: CBL; Habitat: AT; Rejection Code: NO TOXICANT,SEDIMENT,CONC.

91. Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test. *Wasser-Abwasser-Forsch.*10(3/4):87-98 (GER) (ENG ABS); TR-80-0400, TR-78-0043, Literature Research Company (GER)(ENG TRANSL)(OECD Data File).

EcoReference No.: 7453

Chemical of Concern: CBL,HCCH,Cr,CN,FUR,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb,AMSV; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

92. Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the. *Wasser-Abwasser-Forsch.*10(3/4):87-98 (GER) (ENG ABS); TR-80-0400, TR-78-0043, Literature Research Company (GER)(ENG TRANSL)(OECD Data File).

EcoReference No.: 7453

Chemical of Concern: CBL,HCCH,Cr,CN,FUR,Cu,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN,LITE EVAL CODED(OW-TRV-Cu).

93. Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test. *Wasser-Abwasser-Forsch.*10(3/4):87-98 (GER) (ENG ABS)/ TR-80-0400, TR-78-0043, Literature Research Company (GER)(ENG TRANSL)(OECD Data File).

EcoReference No.: 7453

Chemical of Concern:

CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb,AMSV,NaBr,Ag,NaID,C8OH,D  
CB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE  
EVAL CODED(OW-TRV-Cu).

94. Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test. *Wasser-Abwasser-Forsch.10(3/4):87-98 (GER) (ENG ABS) / TR-80-0400, TR-78-0043, Literature Research Company (GER)(ENG TRANSL)(OECD Data File).*

EcoReference No.: 7453

Chemical of Concern:

CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb,AMSV,NaBr,Ag,NaID,C8OH,D  
CB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE  
EVAL CODED(OW-TRV-Cu).

95. Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test. *Z. Wasser-Abwasser-Forsch.10(3/4):87-98 (GER)(ENG ABS) / TR-80-0400, TR-78-0043, Literature Research Company (ENG TRANSL)(OECD Data File) .*

EcoReference No.: 7453

Chemical of Concern:

CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb,AMSV,NaBr,Ag,NaID,C8OH,D  
CB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE  
EVAL CODED(OW-TRV-Cu).

96. Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Tests (Grenzwerte der Schädigung Wassergefährdender Stoffe Gegen Blaualgen (*Microcystis aeruginosa*) und Grünalgen (*Scenedesmus quadricauda*) im Zellvermehrungshemmtest). *Vom Wasser* 50: 45-60.

EcoReference No.: 19121

Chemical of Concern: ATZ,CBL,HCCH,Cr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb,AMSV;  
Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE  
EVAL CODED(OW-TRV-Cu).

97. Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Test. *Vom Wasser* 50: 45-60.

EcoReference No.: 19121

Chemical of Concern: ATZ,CBL,HCCH,Cr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb ;  
Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN,LITE EVAL  
CODED(OW-TRV-Cu).

98. Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Tests (Grenzwerte der Schädigung Wassergefährdender Stoffe Gegen Blaualgen (*Microcystis aeruginosa*) und Grünalgen (*Scenedesmus quadricauda*) im Zellvermehrungshemmtest). *Vom Wasser* 50: 45-60.

EcoReference No.: 19121

Chemical of Concern:

ATZ,CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb,AMSV,NaBr,Se,NaID,C8O

H,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

99. Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Tests (Grenzwerte der Schadwirkung Wassergefährdender Stoffe Gegen Blaualgen (*Microcystis aeruginosa*) und Grunalgen (*Scenedesmus quadricauda*) im Zellvermehrungshemmtest). *Vom Wasser* 50: 45-60.

EcoReference No.: 19121

Chemical of Concern:

ATZ,CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb,AMSV,NaBr,Se,NaID,C8O H,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

100. Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Tests (Grenzwerte der Schadwirkung Wassergefährdender Stoffe Gegen Blaualgen (*Microcystis aeruginosa*) und Grunalgen (*Scenedesmus quadricauda*) im Zellvermehrungshemmtest). *Vom Wasser* 50: 45-60 (GER) (ENG ABS) (ENG TRANSL) (OECDG).

EcoReference No.: 19121

Chemical of Concern:

ATZ,CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb,AMSV,NaBr,Se,NaID,C8O H,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

101. Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms *Microcystis (Diplocystis) aeruginosa* and *Scenedesmus quadricauda*. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).

EcoReference No.: 15134

Chemical of Concern:

Be,Cd,Ag,CuS,Ni,SFL,HgCl<sub>2</sub>,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FUR,NBZ,PHTH,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,Cr,Cu,BZO,As,Se,AMSV; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

102. Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms *Microcystis (Diplocystis) aeruginosa* and *Scenedesmus quadricauda*. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).

EcoReference No.: 15134

Chemical of Concern:

Be,Cd,Ag,CuS,Ni,SFL,HgCl<sub>2</sub>,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FUR,NBZ,PHTH,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,NaCr,Cu,BZO,As,Se,AMSV,NaBr,NaID,C8OH,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

103. Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms *Microcystis (Diplocystis) aeruginosa* and *Scenedesmus quadricauda*. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).

EcoReference No.: 15134

Chemical of Concern:

Be,Cd,Ag,CuS,Ni,SFL,HgCl<sub>2</sub>,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FU

R,NBZ,PHTH,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,NaCr,Cu,BZO,As,Se,AMSV,Na Br,NaID,C8OH,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

104. Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms *Microcystis* (*Diplocystis*) *aeruginosa* and *Scenedesmus quadricauda*. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).

EcoReference No.: 15134

Chemical of Concern:

Be,Cd,Ag,CuS,Ni,SFL,HgCl<sub>2</sub>,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FU R,NBZ,PHTH,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,NaCr,Cu,BZO,As,Se,AMSV,Na Br,NaID,C8OH,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

105. Bringmann, G. and Kuhn, R. (1978). Threshold Values of Substances Harmful to Water for Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Tests Measuring. *Vom Wasser* 50:45-60 (GER) (ENG ABS), *Tr-80-0201, Literature Research Company* 22 p. (ENG TRANSL) (OECDG Data File).

EcoReference No.: 2463

Chemical of Concern: ATZ,CBL,HCCH,FUR,CuS,AMSV; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.

106. Bringmann, G. and Kuhn, R. (1960). The Water-Toxicological Detection of Insecticides (Zum Wasser-Toxikologischen Nachweis von Insektiziden). *Gesund.Ing.* 8: 243-244 (GER) (ENG ABS).

EcoReference No.: 58990

Chemical of Concern: DZ,HCCH,MLN,EN,DLD,DDT,Ag,Cd,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.

107. Brooks, K. M. (1993). Impacts on Benthic Invertebrate Communities Caused by Aerial Application of Carbaryl to Control Burrowing Shrimp in Willapa Bay, WA. *J.Shellfish Res.* 12: 146.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).

108. Broschewitz, B., Rober, K. C., and Amelung, D. (2000). Simulation of Damages on Winter Wheat Following Improper Usage of Pesticides (Simulation von Schadbildern an Winterweizen nach Unsachgemässer Applikation von Pflanzenschutzmitteln). *Z.Pflanzenkr.Pflanzenschutz* 17: 315-317 (GER) (ENG ABS).

EcoReference No.: 63529

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

109. Brown, S. B., Adams, B. A., Cyr, D. G., and Eales, J. G. (2004). Contaminant Effects on the Teleost Fish Thyroid. *Environ.Toxicol.Chem.* 23: 1680-1701.

EcoReference No.: 74683

Chemical of Concern:

PCB,PAH,MRX,DDT,EN,ES,MB,CF,HCCH,MLN,FNT,MP,NH,AL,CBF,CBL,CN,Cd,As,P b,Hg; Habitat: A; Rejection Code: NO REVIEW,RESIDUE,EFFECT.

110. Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.



EcoReference No.: 84025

Chemical of Concern:

TFN,TPZ,TDP,PYN,PYM,PPB,PPM,Al,Cd,Pb,Hg,PHTH,DXN,FRN,HCB,PCB,BMN,CBL, CBF,AND,ACR,DDT,DCF,DLD,ES,EN,HCCH,TXP,DMT,FNT,MLN,MP,CYH,BFT,FNV, DM,PCL,MBZ,Maneb,Nabam,PDM,PCNB,Zineb,ATZ,Nf,PCP,ACO,DCPA,EFX,BMC,CTZ ,FNB,FPN; Habitat: T; Rejection Code: NO REVIEW.

111. Brugger, J. E. (1973). Cam - 1: Using Enzymes to Detect Insecticides. *U.S.EPA, News of Environ.Research, Edison Water Quality* 4 p.

EcoReference No.: 89034

Chemical of Concern: PRN,DDVP,MLN,CBL; Habitat: T; Rejection Code: NO METHODS(ALL CHEMS).

112. Bruneau, A. H., Watkins, J. E., and Brandenburg, R. L. (1992). Integrated Pest Management. *In: D.V.Waddington, R.N.Carrow, and R.C.Shearman (Eds.), Agronomy No.32, Turfgrass, Am.Soc.of Agron.Inc., Crop Sci.Soc.of Am., Soil Sci.Soc.of Am.Inc., Madison, WI* 501-534.

EcoReference No.: 87479

Chemical of Concern: CBL,EP,IFP,CPY,DZ,IZF,TCF,BDC; Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).

113. Buchanan, D. V. (1970). Effects of the Insecticide Sevin on the Dungeness Crab, Cancer magister Dana. *Ph.D.Thesis, Oregon State University, Corvallis, OR* 53 p.

EcoReference No.: 5579

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO PUBL AS.

114. Bull, J. O. (1976). Laboratory and Field Investigations with Difenacoum, a Promising New Rodenticide. *In: Proc.7th Vert Pest Conf Monterey* 72-84.

EcoReference No.: 86456

Chemical of Concern: DFM,WFN,CBL; Habitat: T; Effect Codes: MOR,CEL,PHY; Rejection Code: NO CONTROL(ALL CHEMS).

115. Burnett, C. M. and Goldenthal, E. I. (1988). Multigeneration Reproduction and Carcinogenicity Studies in Sprague-Dawley Rats Exposed Topically to Oxidative Hair-Colouring Formulations Containing p-Phenylenediamine and Other Aromatic Amines. *Food Chem.Toxicol.* 26: 467-474.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE(CBL).

116. Burrige, M. J., Peter, T. F., Allan, S. A., and Mahan, S. M. (2002). Evaluation of Safety and Efficacy of Acaricides for Control of the African Tortoise Tick (*Amblyomma marmoreum*) on Leopard Tortoises (*Geochelone pardalis*). *J.Zoo Wildl.Med.* 33: 52-57.

EcoReference No.: 71543

Chemical of Concern: HCCH,CPY,CBL,CYF,FMR; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: OK(ALL CHEMS),OK TARGET(CYF).

117. Butler, G. L., Deason, T. R., and O'Kelley, J. C. (1975). The Effect of Atrazine, 2,4-D, Methoxychlor, Carbaryl and Diazinon on the Growth of Planktonic Algae. *Br.Phycol.J.* 10: 371-376.

EcoReference No.: 7429

Chemical of Concern: 24DXY,ATZ,CBL,DZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

118. Butler, P. A. (1963). Commercial Fisheries Investigatinons. *Circ.No.167, Fish Wildl.Serv., Washington, D.C.* 11-25 .

EcoReference No.: 2188

Chemical of Concern:

AZ,CBL,DZ,HCCH,MLN,Naled,PSM,24DXY,DS,DU,PEB,Folpet,RTN,FBM,CHD,DEM,TXP,MRX,ETN,DZ,AND,MCPA,HPT,DDT,DDVP,EN,CBL,MXC; Habitat: A; Effect Codes: NOC,GRO,MOR,BEH,PHY; Rejection Code: NO CONTROL(ALL CHEMS).

119. Butler, P. A. (1963). Commercial Fisheries Investigations. *Circ.No.167, Fish Wildl.Serv., Washington, D.C.* 11-25.

EcoReference No.: 2188

Chemical of Concern:

AZ,CBL,DZ,HCCH,MLN,Naled,PSM,24DXY,DS,DU,PEB,Folpet,RTN,FBM,CHD,DEM,TXP,MRX,ETN,DZ,AND,MCPA,HPT,DDT,DDVP,EN,CBL,MXC,OXD; Habitat: A; Effect Codes: NOC,GRO,MOR,BEH,PHY; Rejection Code: NO CONTROL(ALL CHEMS).

120. Butler, P. A. (1964). Commercial Fishery Investigations. *In: Pesticide-Wildlife Studies, 1963, U.S.D.I., Fish and Wildl.Serv., Circ.199* 28 p.(Author Communication Used).

EcoReference No.: 646

Chemical of Concern:

AZ,DS,HCCH,MLN,MP,Naled,PRT,24DXY,CMPH,DMT,DU,PEB,PSM,NTP,TXP,CBL; Habitat: A; Effect Codes: BEH,POP,MOR,GRO,ACC,SYS; Rejection Code: LITE EVAL CODED(PRT),OK(AZ),NO ENDPOINT(DMT).

121. Cajaraville, M. P., Marigomez, J. A., and Angulo, E. (1989). Stability of 1-Naphthol in Sea Water Solutions and Its Uptake by the Marine Prosobranch Gastropod *Littorina littorea* (L.). *Bull.EnvIRON.Contam.Toxicol.* 42: 799-806.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SPECIES.

122. Calvinho, P. J., Capela-Silva, F., Franca, M. B., Rafael, A., Cabrita, A. M. S., and Beja, M. L. M. (1999). Liver Morphology in Experimental Administration of 1-Naphthyl N-Methylcarbamate. *Annu.Meet.of the Professional Res.Sci.on Experimental Biology, No.99, Apr.17-21, 1999, Washington, D.C., FASEB J.* 13: A737.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ABSTRACT,NO ENDPOINT(CBL).

123. Campbell, B. C. (1988). The Effect of Plant Growth Regulators and Herbicides on Host Plant Quality to Insects. *In: E.A.Heinrichs, Plant Stress-Insect Interactions, John Wiley and Sons, NY* 205-247.

EcoReference No.: 72128

Chemical of Concern: 24DXY,ATZ,ACR,DMB,GYP,DU,CBL; Habitat: T; Rejection Code: NO REVIEW.

124. Caprio, P. D. (1978). Effects of Sevin on Egg and Eggshell Characteristics of Coturnix Quail (*Coturnix coturnix japonica*). *Ohio J.Sci.* 78: 91 p.

EcoReference No.: 36066

Chemical of Concern: CBL; Habitat: T; Effect Codes: REP,ACC; Rejection Code: NO ENDPOINT,CONTROL,ABSTRACT(CBL).

125. Carey, A. E., Wiersma, G. B., Tai, H., and Mitchell, W. G. (1973). Organochlorine Pesticide Residues in Soils and Crops of the Corn Belt Region, United States - 1970. *Pestic.Monit.J.* 6: 369-376.

Chemical of Concern:

PCB,As,EN,CHD,TFN,PPZ,PCH,PRT,PRN,MXC,ACR,AND,ATZ,BOR,BTY,Captan,CBL, CPP,24DB,DDT,DZ,DLD,DS,FNF,FNTH,CBF,HPT,EPTC,HCCH,LNR,MLN,MCPB; Habitat: T; Rejection Code: NO MIXTURE,EFFECT,SPECIES(PCB).

126. Carlson, R. W. (1990). Ventilatory Patterns of Bluegill (*Lepomis macrochirus*) Exposed to Organic Chemicals with Different Mechanisms of Toxic Action. *Comp.Biochem.Physiol.C* 95: 181-196.

EcoReference No.: 3461

Chemical of Concern: CBL,MLN,ACL,RTN,NP,PCP; Habitat: A; Effect Codes: PHY,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

127. Carneiro, M. A. C., Siqueira, J. O., and Maria de Souza Moreira, F. (2001). Establishment of Herbaceous Plants in Heavy Metal Contaminated Soils Inoculated with Arbuscular Mycorrhizal Fungi (Estabelecimento de Plantas Herbaceas em solo com Contaminacao de Metais Pesados e Inoculacao de Fungos Micorrizicos Arbusculares). *Pesq.Agropecu.Bras.* 36: 1443-1452 (POR) (ENG ABS).

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN,MIXTURE.

128. Carricaburu, P., Biwer, G., and Goyffon, M. (1982). Effects of Carbaryl on the Spontaneous and Evoked Potentials of the Scorpion Prosomian Nervous System. *Comp.Biochem.Physiol.C* 73: 201-204.

EcoReference No.: 87754

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

129. Carter, F. L. and Graves, J. B. (1972). Measuring Effects of Insecticides on Aquatic Animals. *La.Agric.* 16: 14-15.

EcoReference No.: 942

Chemical of Concern: CPY,MP,AZ,DCTP,CBL,CBF,DDT,TXP,MRX,MLN,MOM,ADC; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

130. Casado, S., Alonso, M., Herradon, B., Tarazona, J. V., and Navas, J. M. (2006). Activation of the Aryl Hydrocarbon Receptor by Carbaryl: Computational Evidence of the Ability of Carbaryl to Assume a Planar Conformation. *Environ.Toxicol.Chem.* 25: 3141-3147.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO(CBL).

131. Casale, G. P., Vennerstrom, J. L., Bavari, S., and Wang, T.-L. (1993). Inhibition of Interleukin 2 Driven Proliferation of Mouse CTLL2 Cells, by Selected Carbamate and Organophosphate Insecticides and Congeners of Carbaryl. *Immunopharmacol.Immunotoxicol.* 15: 199-215.

Chemical of Concern: ADC,MVP,CBF,CBL,DDVP,MCB; Habitat: T; Rejection Code: NO IN VITRO(CBL,CBF,DDVP,MCB,MVP,ADC).

132. Casper, H. H., Pekas, J. C., and Dinusson, W. E. (1973). Gastric Absorption of a Pesticide (1-Naphthyl N-Methylcarbamate) in the Fasted Rat. *Pestic.Biochem.Physiol.* 2: 391-396.
- EcoReference No.: 36092  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT(CBL).
133. Castaneda, P., Mata, R., and Lotina-Hennsen, B. (1998). Effect of Encecalin, Euparin and Demethylencecalin on Thylakoid Electron Transport and Photophosphorylation in Isolated Spinach Chloroplasts. *J.Sci.Food Agric.* 78: 102-108.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.
134. Casterline, J. L. Jr., Barnett, N. M., and Ku, Y. (1985). Uptake, Translocation, and Transformation of Pentachlorophenol in Soybean and Spinach Plants. *Environ.Res.* 37: 101-118.
- EcoReference No.: 59127  
 Chemical of Concern: PCP,CBL; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: NO pH,ERE//NO ENDPOINT(PCP).
135. Chaiyarach, S., Ratananun, V., and Harrel, R. C. (1975). Acute Toxicity of the Insecticides Toxaphene and Carbaryl and the Herbicides Propanil and Molinate to Four Species of Aquatic Organisms. *Bull.Environ.Contam.Toxicol.* 14: 281-284.
- EcoReference No.: 849  
 Chemical of Concern: CBL,MLT,TXP,PPN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
136. Chambers, J. S. (1970). Investigation of Chemical Control of Ghost Shrimp on Oyster Grounds 1960-1963. *In: Washington (State) Dep.Fish., Tech.Rep.No.1* 25-62.
- EcoReference No.: 15241  
 Chemical of Concern: CBL,HCCH; Habitat: A; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
137. Chan, W. F. and Larson, R. A. (1995). Product of Ozonolysis of Aromatic Compounds in Aqueous Solution Containing Nitrite Ion. *Ozone Sci.Eng.* 17: 627-635.
- Chemical of Concern: CBL,24DC; Habitat: T; Rejection Code: NO SPECIES(CBL,24DC).
138. Chandna, S., Sareen, P. K., Saharan, R. P., and CHOWDHARY, J. P. (1998). Clastogenicity of Laboratory Mixture of Lindane and Carbaryl in Mice. *Indian J.Genet.* 58: 439-443.
- EcoReference No.: 87859  
 Chemical of Concern: CBL,HCCH; Habitat: T; Effect Codes: CEL; Rejection Code: NO MIXTURE(CBL,HCCH).
139. Chen, P. S., Lin, Y. N., and Chung, C. L. (1971). Laboratory Studies on the Susceptibility of Mosquito-Eating Fish, *Lebistes reticulatus* and the Larvae of *Culex pipiens fatigans* to Insecticides. *Tai-Wan I.Hsueh Hui Tsa Chih* 70: 28-35.
- EcoReference No.: 9297  
 Chemical of Concern: DDT,PRN,HCCH,CBL,MLN,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

140. Chern, W. H. and Dauterman, W. C. (1983). Studies on the Metabolism and Excretion of 1-Naphthol, 1-Naphthyl-Beta-D-Glucuronide, and 1-Naphthyl-Beta-D-Glucoside in the Mouse. *Toxicol.Appl.Pharmacol.* 67: 303-309.
- EcoReference No.: 36134  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(CBL).
141. Chibale, K., Haupt, H., Kendrick, H., Yardley, V., Saravanamuthu, A., Fairlamb, A. H., and Croft, S. L. (2001). Antiprotozoal and Cytotoxicity Evaluation of Sulfonamide and Urea Analogues of Quinacrine. *Bioorg.Med.Chem.Lett.* 11: 2655-2657.
- EcoReference No.: 80756  
 Chemical of Concern: AKTMD,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO NO CONTROL(ALL CHEMS).
142. 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).
143. Childers, C. C., Villanueva, R., Aguilar, H., Chewning, R., and Michaud, J. P. (2001). Comparative Residual Toxicities of Pesticides to the Predator Agistemus industani (Acari: Stigmaeidae) on Citrus in Florida. *Exp.Appl.Acarol.* 25: 461-474.
- EcoReference No.: 78988  
 Chemical of Concern:  
 DFZ,ALSV,ETN,PRB,CBL,FTT,FO,CPY,DCF,CuOH,AZD,CuS,FBM,BMY,MLN,PPG,FNB,CFP; Habitat: T; Effect Codes: REP,MOR; 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).
144. Christiansen, T. A., Lockwood, J. A., and Powell, J. (1989). Mediation of Nutrient Cycling by Arthropods in Unmanaged and Intensively Managed Mountain Brush Habitats. *Great Basin Nat.* 49: 134-139.
- EcoReference No.: 87652  
 Chemical of Concern: CBL,MLN; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(TARGET-CBL,MLN).
145. Christie, A. E. (1969). Effects of Insecticides on Algae. *Water Sewage Works* 116: 172-176.
- EcoReference No.: 2248  
 Chemical of Concern: CBL,MLN,DDT; Habitat: A; Effect Codes: GRO,ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
146. Christoffers, D. and Ernst, D. E. W. (1983). The In-Vivo Fluorescence of Chlorella fusca as a Biological Test for the Inhibition of Photosynthesis. *Toxicol.Enviro.Chem.* 7: 61-71.
- EcoReference No.: 45160

Chemical of Concern: CBL,PbAC,PCP,DLD,DDT,HCCH,Cd,HgCl<sub>2</sub>; Habitat: A; Effect Codes: PHY; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

147. Chung, J. G., Lee, J. H., and Hung, C. F. (1999). Kinetics of Acetyl CoA: Arylamine N-Acetyltransferase in Rapid and Slow Acetylators Livers from the Pelecypoda *Cristaria plicata*. *Toxicol.Environ.Chem.* 68: 83-90.

Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: NO IN VITRO.

148. Chung, Y. C., Richardson, L., and Morrissey, M. T. (1993). Effects of pH and NaCl on Gel Strength of Pacific Whiting Surimi. *J.Aquat.Food Prod.Technol.* 2: 19-35.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO IN VITRO.

149. Cleland, C. F., Tanaka, O., and Feldman, L. J. (1982). Influence of Plant-Growth Substances and Salicylic-Acid on Flowering and Growth in the Lemnaceae (Duckweeds). *Aquat Bot* 13: 3-20.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

150. Cocks, J. A. (1973). The Effect of Aldrin on Water Balance in the Freshwater Pulmonate Gastropod (*Biomphalaria glabrata*). *Environ.Pollut.* 5: 149-151.

EcoReference No.: 8797

Chemical of Concern: CBL,MLN,DDT,AND; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

151. Cohen, E. (2006). Pesticide-Mediated Homeostatic Modulation in Arthropods. *Pestic.Biochem.Physiol.* 85: 21-27.

EcoReference No.: 88445

Chemical of Concern: CBL,MOM,MZB; Habitat: T; Rejection Code: NO REVIEW(CBL,MOM,MZB).

152. Collins, T. F. X. Hansen W. H. & Keeler H. V. (1972). Fertility Reduction by Carbaryl: The Effect of Carbaryl (Sevin) on Reproduction of the Rat and the Gerbil. *Food Cosmet.Toxicol.* 10: 261-262.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ABSTRACT.

153. Comer, S. W., Staiff, D. C., Armstrong, J. F., and Wolfe, H. R. (1975). Exposure of Workers to Carbaryl. *Bull.Environ.Contam.Toicol.* 13: 385-391.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO HUMAN HEALTH(CBL).

154. Connors, D. E. and Black, M. C. (2004). Evaluation of Lethality and Genotoxicity in the Freshwater Mussel *Utterbackia imbecillis* (Bivalvia: Unionidae) Exposed Singly and in Combination to Chemicals Used in Lawn Care. *Arch.Environ.Contam.Toxicol.* 46: 362-371.

EcoReference No.: 74236

Chemical of Concern: ATZ,GYP,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATZ,CuS),OK(ALL CHEMS).

155. Connor, P. F. (1960). A Study of Small Mammals, Birds and Other Wildlife in an Area

Sprayed with Sevin. *N.Y.Fish Game J.* 7: 26-32.

EcoReference No.: 64042

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

156. Cook, W. L., Fielder, D., and Bourquin, A. W. (1980). Succession of Microfungi in Estuarine Microcosms Perturbed by Carbaryl, Methyl Parathion and Pentachlorophenol. *Bot.Mar.* 23: 129-131.

EcoReference No.: 15421

Chemical of Concern: CBL,MP,PCP; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

157. Cooper, E. L. and Roch, P. (2003). Earthworm Immunity: A Model of Immune Competence. *Pedobiologia* 47: 676-688.

EcoReference No.: 87656

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).

158. Cope, O. B. (1966). Contamination of the Freshwater Ecosystem by Pesticides. *J.Appl.Ecol.* 3: 33-44 (Publ in Part As 6797).

EcoReference No.: 10337

Chemical of Concern:

DDT,HCCH,DLD,DU,MLN,24DXY,CBL,DBN,DZ,MLT,PAQT,PYN,TFN,CuS; Habitat: A; Effect Codes: MOR,ACC,REP; Rejection Code: NO CONTROL(ALL CHEMS).

159. Cope, O. B. (1965). Sport Fishery Investigations. *In: Fish and Wildl.Serv.Cicr.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.* 51-63 (Publ in Part As 6797).

EcoReference No.: 2871

Chemical of Concern:

MLN,DBN,24DXY,BS,CBL,DMT,DU,DZ,HCCH,MLT,Naled,SZ,TFN,ADC,CHD,TXP,TC F,CuS,PAQT,MCB,AND,PYN,HPT,DLD,EN,EPRN,DDT,FNTH,FNF,MVP,BTY,NSM,RT N,AMSV,VNT,Cu,ATN,MXC,DDVP,DBM,DBAC; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: NO CONTROL(ALL CHEMS).

160. Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Insecticides Inhibiting Acetylcholinesterase. *In: The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 99-140.

EcoReference No.: 72145

Chemical of Concern: AZ,CPY,DZ,DMT,MLN,PRN,PSM,CBL,CBF; Habitat: T; Rejection Code: NO REVIEW.

161. Corson, M. S., Mora, M. A., and Grant, W. E. (1998). Simulating Cholinesterase Inhibition in Birds Caused by Dietary Insecticide Exposure. *Ecol.Model.* 105: 299-323.

Chemical of Concern: TBO,MP,MLN,DS,ACP,AZ,CBL,CBF,CPY,DCTP,DMT,OML,TBC; Habitat: T; Rejection Code: NO MODELING.

162. Coutant, C. C. (1964). Insecticide Sevin: Effect of Aerial Spraying on Drift of Stream Insects. *Science* 146: 420-421.

- EcoReference No.: 7985  
Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(CBL).
163. Cranmer, M. and Peoples, A. (1973). Determination of Trace Quantities of Anticholinesterase Pesticides. *Anal.Biochem.* 55: 255-265.
- Chemical of Concern: MLO,CBL; Habitat: T; Rejection Code: NO HUMAN HEALTH.
164. Crawford, R. B. and Guarino, A. M. (1985). Effects of Environmental Toxicants on Development of a Teleost Embryo. *J.Environ.Pathol.Toxicol.* 6: 185-194.
- EcoReference No.: 14348  
Chemical of Concern: TXP,AND,MLN,24DXY,PCP,CBL,HCCH,PRN,DDT,PAQT;  
Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL,ENDPOINT(PCP,CBL).
165. Crawford, R. B. and Guarino, A. M. (1976). Sand Dollar Embryos as Monitors of Environmental Pollutants. *Bull.Mt.Desert Isl.Biol.Lab.* 16: 17.
- EcoReference No.: 13938  
Chemical of Concern: TXP,CBL,MLN,PCP,PL,DDT; Habitat: A; Effect Codes: GRO;  
Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
166. Crystal, M. M. and DeMilo, A. B. (1988). Susceptibility of Laboratory-Reared Northern Fowl Mites, *Ornithonyssus sylviarum* (Acari: Macronyssidae), to Selected Acaricides. *Exp.Appl.Acarol.* 4: 353-358.
- EcoReference No.: 70191  
Chemical of Concern: PIRM,CMPH,ADC,PMR,RSM,CBL,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
167. D'Mello, J. P. F., Macdonald, A. M. C., Postel, D., Dijksma, W. T. P., Dujardin, A., and Placinta, C. M. (1998). Pesticide Use and Mycotoxin Production in *Fusarium* and *Aspergillus* Phytopathogens. *Eur.J.Plant Pathol.* 104: 741-751.
- EcoReference No.: 87552  
Chemical of Concern:  
TDM,TEZ,PCZ,TDF,BMY,TBA,TBM,THM,TCM,DFC,DDVP,Naled,CBL; Habitat: T;  
Rejection Code: NO REVIEW(ALL CHEMS).
168. Daou, H. and Talbert, R. E. (1999). Control of Propanil-Resistant Barnyardgrass (*Echinochloa crus-galli*) in Rice (*Oryza sativa*) with Carbaryl/Propanil Mixtures. *Weed Technol.* 13: 65-70.
- EcoReference No.: 63795  
Chemical of Concern: CBL,MLT; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO MIXTURE(MLT),TARGET(CBL).
169. Davis, H. C. (1961). Effects of Some Pesticides on Eggs and Larvae of Oysters (*Crassostrea virginica*) and Clams (*Venus mercenaria*). *Commer.Fish.Rev.* 23: 18-23.
- EcoReference No.: 4811  
Chemical of Concern:  
AND,DDT,DLD,TCF,EN,AZ,HCCH,PRN,TXP,DBAC,CBL,DU,CBZ,DCB,OPHP,Nabam,P  
L; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DBAC),NO  
ENDPOINT(DCB).



170. Davis, J., Labenia, J. S., Baldwin, D. H., French, B., and Scholz, N. L. (2004). Sublethal Effects of the Carbamate Insecticide-Carbaryl-on Coastal Cutthroat Trout. *In: 2003 Georgia Basin/Puget Sound Res.Conf., Mar.31-Apr.3, 2003, Vancouver, B.C.(Canada)*.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).
171. De Girolamo, D. J., Jensen, J. N., and Van Benschoten, J. (1991). Inactivation of Adult Zebra Mussels by Chlorine. *Abstr.Am.Water Assoc.Annu.Conf., Philadelphia, PA*.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SOURCE.
172. De la vega Salazar, M. Y., Martinez Tabche, L., and Macias Garcia, C. (1997). Bioaccumulation of Methyl Parathion and Its Toxicology in Several Species of the Freshwater Community in Ignacio Ramirez Dam in Mexico. *Ecotoxicol.EnvIRON.Saf.* 38: 53-62.
- Chemical of Concern: MP,CBL; Habitat: A; Rejection Code: NO DURATION.
173. De Maroussem, D., Pipy, B., Beraud, M., Souqual, M. C., and Forgue, M. F. (1986). The Effect of Carbaryl on the Arachidonic Acid Metabolism and Superoxide Production by Mouse Resident Peritoneal Macrophages Challenged by Zymosan. *Int.J.Immunopharmacol.* 8: 155-166.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.
174. Deo, P. G., Hasan, S. B., and Majumder, S. K. (1988). Toxicity and Suitability of Some Insecticides for Household Use. *Int.Pest Control* 30: 118-121,129.
- EcoReference No.: 35123  
Chemical of Concern:  
AND,BRSM,CHD,CBL,CYP,DDT,DCM,DEM,DZ,DDVP,DMT,EN,ES,FNT,FNV,HPT,HC  
CH,MLN,MXC,PRN,MP,PMR,PYN; Habitat: T; Effect Codes: MOR; Rejection Code:  
NO CONTROL(ALL CHEMS).
175. Desmarchelier, J. M. (1980). Comparative Study of Analytical Methods for Bioresmethrin, Fenothrin, d-Fenothrin, Pyrethrum I, Carbaryl, Fenitrothion, Methacrifos, Pirimiphos-Methyl and Dichlorvos on Various Grains. *J.Pestic.Sci.* 5: 521-532.
- Chemical of Concern: BRSM,RSM,CBL,PYN; Habitat: T; Rejection Code: NO SPECIES.
176. DeWitt, J. B. and George, J. L. (1960). Bureau of Sport Fisheries and Wildlife Pesticide-Wildlife Review, 1959 . *Fish and Wildlife Service, Circular No.84, U.S.Depar.of the Interior, Bureau of Sport Fisheries and Wildlife, September 1960, Washington* 36 p.
- EcoReference No.: 88413  
Chemical of Concern: CBL,AND,EN,DLD,HPT,CHD,HCCH,MLN,TXP,DDT,DS,AZ,MXC;  
Habitat: T; Effect Codes: MOR,REP,ACC; Rejection Code: NO ENDPOINT(ALL  
CHEMS).
177. Dhingra, S. and Sarup, P. (1992). Detection of Resistance in the Blister Beetle, Mylabris pustulata Thunb. to Various Insecticides Evaluated During the Last Quarter Century. *J.Entomol.Res.* 16: 231-235.
- EcoReference No.: 75778  
Chemical of Concern:  
DMT,MLN,HCCH,PPHD,CBL,MP,LCYT,DCM,CYP,FPP,FNV,PYN,ES; Habitat: T;  
Effect Codes: MOR; Rejection Code: NO CONTROL(ALL

CHEMS),TARGET(,MLN,CBL).

178. Dimick, R. E. and Breese, W. P. (1965). Bay Mussel Embryo Bioassay. *Proc.12th Pacific Northwest Ind.Waste Conf., Univ.of Washington, Seattle, WA* 165-175.
- EcoReference No.: 3758  
Chemical of Concern: CBL,NaPCP; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
179. Dive, D., Leclerc, H., and Persoone, G. (1980). Pesticide Toxicity on the Ciliate Protozoan *Colpidium campylum*: Possible Consequences of the Effect of Pesticides in the Aquatic Environment. *Ecotoxicol.EnvIRON.Saf.* 4: 129-133 (Author Communication Used).
- EcoReference No.: 5941  
Chemical of Concern:  
PNB,24DXY,AZ,CBL,DMT,HCCH,MLN,MP,THM,PCP,PCB,EPRN,MCPB,MCPA,AND,D  
DT,FNT,EN,ES,DLD; Habitat: A; Effect Codes: POP; Rejection Code: NO  
ENDPOINT(ALL CHEMS)//NO SPECIES(PCB).
180. Dodson, S. I. and Hanazato, T. (1995). Commentary on Effects of Anthropogenic and Natural Organic Chemicals on Development, Swimming Behavior, and Reproduction of *Daphnia*, a Key Member of Aquatic Ecosystems. *Environ.Health Perspect.* 103: 7-11.
- EcoReference No.: 48751  
Chemical of Concern: DMB,CBL; Habitat: A; Rejection Code: NO REVIEW,NO REFS CHECKED.
181. Doherty, F. G., Evans, D. W., and Neuhauser, E. F. (1993). An Assessment of Total and Leachable Contaminants in Zebra Mussels (*Dreissena polymorpha*) from Lake Erie. *Ecotoxicol.EnvIRON.Saf.* 25: 328-340.
- EcoReference No.: 83380  
Chemical of Concern:  
Se,Ag,Ald,DLD,As,Ba,Cd,CBL,CTC,CN,24DXY,EN,Pb,HCCH,Hg,MXC,MPRN,PRN,PCB;  
Habitat: A; Rejection Code: NO SPECIES,MIXTURE,SURVEY.
182. Dragland, S. (1996). Content of Cadmium and Lead in Chamomile (*Chamomilla recutita* L.) and Feverfew (*Tanacetum parthenium* L.) Grown in Different Parts of Norway (Innhold av Kadmium og bly i Kamille (*Chamomilla recutita* L.) og Matrem (*Tanacetum parthenium* L.) Dyrket pa Ulike Steder i Norge). *Norsk.Landbruksforskning* 10: 181-188.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE, OM, pH, CONTROL, CONCS, ERE.
183. Dumbauld, B. R., Armstrong, D. A., Doty, D. C., and Jensen, G. C. (1989). Burrowing Shrimp Recruitment to Washington Coastal Estuaries: A New Approach to an Old Problem. *J.Shellfish Res.* 8: 412-413.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).
184. Dumbauld, B. R., Tufts, D., Armstrong, D. A., and Posey, M. H. (1992). The Effect of Burrowing Shrimp and the Pesticide Carbaryl on the Benthic Community in Willapa Bay, Washington. *J.Shellfish Res.* 11: 552 (ABS).
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).

185. Dupont Specialty Chemicals (1994). Toxicity of Compounds, Including 1-Chloro-4-Nitrobenzene (P-Nitrochlorobenzene), with Cover Letter Dated 05/10/94 (Sanitized). *EPA/OTS Doc.#86940000732S* 17 p. (OTS 0557142).
- EcoReference No.: 88907  
 Chemical of Concern: CBL,DNT; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
186. Durfey, J. E. and Simpson, J. B. (1995). Control of Two Burrowing Shrimp Species, Ghost Shrimp, *Callinassa californiensis* and Mud Shrimp, *Upogebia pugettensis*, Using Subsurface Injection of Carbaryl ("Sevin") as an Alternative to Aerial Application in Preparation of Oyster Beds for Seeding. *J.Shellfish Res.* 14: 264 (ABS).
- EcoReference No.: 19530  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ABSTRACT(CBL).
187. Duso, C. (1994). Comparison Between Field and Laboratory Testing Methods to Evaluate the Pesticide Side-Effects on the Predatory Mites *Amblyseius andersoni* and *Typhlodromus pyri*. *IOBC/WPRS Bull.* 17: 7-19.
- EcoReference No.: 73145  
 Chemical of Concern: PRN,CBL,AZ,ACP,DM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ACP,AZ,CBL).
188. Duso, C., Camporese, P., and Van der Geest, L. P. S. (1992). Toxicity of a Number of Pesticides to Strains of *Typhlodromus pyri* and *Amblyseius andersoni* (Acari: Phytoseiidae). *Entomophaga* 37: 363-372.
- EcoReference No.: 73088  
 Chemical of Concern: PRN,CBL,ACP,AZ,CPY,MDT,MOM,DM,CPYM,FNT,TCF,CBL; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK TARGET(ACP,AZ,CBL).
189. Duso, C. and Pavan, F. (1986). Control of Grape Moths (*Lobesia botrana* Den. and Schiff.; *Eupoecilia ambiguella* Hb.). 2. Consideration on the Side Effects of Various Insecticides (II Controllo delle Tignole della vite (*Lobesia botrana* Den. e Schiff.; *Eupoecilia ambiguella* Hb.). 2. Considerazioni sugli Effetti Collaterali di Insetticidi Diversi). *Riv.Vitic.Enol.* 39: 304-312 (ITA) (ENG ABS) .
- EcoReference No.: 73431  
 Chemical of Concern: CBL,ACP,CPY,DCNA; Habitat: T; Rejection Code: NO FOREIGN.
190. Dutt, N. and Somchoudhury, A. K. (1980). Persistent Toxicity of Some Insecticides to *Trichogramma perkinsi* Girault and *Trichogramma australicum* Girault (Hymenoptera: Trichogrammatidae). *J.Entomol.Res.* 4: 203-214.
- EcoReference No.: 88981  
 Chemical of Concern: ES,EN,PRN,MLN,DZ,HCCH,DDT,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
191. Dwyer, F. J., Hardesty, D. K., Henke, C. E., Ingersoll, C. G., Whites, D. W., Mount, D. R., and Bridges, C. M. (1999). Assessing Contaminant Sensitivity of Endangered and Threatened Species: Effluent Toxicity Tests. *EPA 600/R-99/099, U.S.EPA, Washington, D.C.* 9 p.
- EcoReference No.: 56162  
 Chemical of Concern: CBL,CuS,NYP,PCP,PRM,NH,DZ; Habitat: A; Effect Codes:

GRO,REP,MOR; Rejection Code: OK(CBL,NH),NO MIXTURE(CuS,PCP,NYP,PRM),NO COC(DZ).

192. Dynamac Corporation (1988). Results of the Locust Pesticide Testing Trials in Sudan. Technical Report. *USAID Contract No.AFR-0517-C-00-7035-00,Dynamac Corp., Rockville, MD* 50 p.

EcoReference No.: 81907

Chemical of Concern: LCYT,TLM,CBL,BDC,CPY,DZ,FNT,MLN; Habitat: T; Effect Codes: MOR,ACC,POP; Rejection Code: NO ENDPOINT(DZ).

193. E.I.Dupont De Nemours & Company (1992). Initial Submission: Toxicity of Various Compounds Used in Hydrogen Reduction Building with Cover Letter Dated 10/15/92. *EPA/OTS Doc.#88-920010280* 21 p. (OTS 0555669).

EcoReference No.: 88906

Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,MOR,CEL,PHY; Rejection Code: NO CONTROL(CBL).

194. Easterbrook, M. A., Solomon, M. G., Cranham, J. E., and Souter, E. F. (1985). Trials of an Integrated Pest Management Programme Based on Selective Pesticides in English Apple Orchards. *Crop Prot.* 4: 215-230.

EcoReference No.: 76518

Chemical of Concern: DFZ,PIM,Captan,ES,CBL,AZ,CHX,CPY,PHSL,DOD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS,TARGET-CBL).

195. Edelson, J. V., Royer, T. A., and Cartwright, B. (1987). Control of Arthropod Pests on Cantaloupe, 1986. *Insectic.Acaric.Tests* 12: 108 (No. 116).

EcoReference No.: 88727

Chemical of Concern:

ETN,Naled,FNV,PRN,ES,OML,PPHD,MTM,MOM,MVP,MLN,DCF,CBL,DZ,AZ,DMT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(MOM,CBL).

196. Edge, V. E. and Casimir, M. (1976). Toxicity of Insecticides to Adult Australian Plague Locust, *Chortoicetes terminifera* (Orthoptera: Acrididae). *J.Aust.Entomol.Soc.* 14: 321-326.

EcoReference No.: 70906

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

197. Edwards, C. A. (1988). The Use of Key Indicator Processes for Assessment of the Effects of Pesticides on Soil Ecosystems. *In: Brighton Crop Prot.Conf., Pests and Diseases - 1988, Lavenham Press Ptd., Lavenham, U.K.* 2: 739-746.

EcoReference No.: 71768

Chemical of Concern: CBL,DZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 71768  
Chemical of Concern: CBL,DZ; Habitat: T; Effect Codes: POP; Rejection Code: NO  
ENDPOINT(ALL CHEMS).

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EcoReference No.: 41178  
Chemical of Concern: DLD,CBL; Habitat: T; Effect Codes: REP,GRO; Rejection Code:  
NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 72101  
Chemical of Concern: SZ,CBL,ATZ,Ziram,PPX; Habitat: T; Effect Codes: PHY; Rejection Code: NO IN VITRO(SZ,CBL,PPX,ATZ),OK(Ziram).

201. El-Refai, A. and Mowafy, M. M. (1973). Propanil Hydrolysis: Inhibition in Rice Plants by Diazinon and Carbaryl Translocated from the Soil. *J.AOAC (Assoc.Off.Anal.Chem.) Int.* 56: 1178-1182.

EcoReference No.: 25479  
Chemical of Concern: CBL,DZ,PPN; Habitat: T; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).

202. El-Sayed, G. N. and Knowles, C. O. (1984). Synergism of Insecticide Activity to *Heliothis zea* (Boddie) (Lepidoptera: Noctuidae) by Formanilides and Formamidines. *J.Econ.Entomol.* 77: 872-875.

EcoReference No.: 78950  
Chemical of Concern: CYP,FNL,MP,CPY,CBL,MOM,EN,PPF; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),NO COC(Br2),TARGET(CBL,MOM) .

203. Elliott, M. (1980). The Future for Insecticides. In: *M.Locke and D.S.Smith (Eds.), Insect Biology in the Future, Academic Press Inc., New York, NY* 879-904.

EcoReference No.: 70599  
Chemical of Concern: RSM,DZ,PRN,DLD,AND,END,ES,CBL,DDT; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

204. Elliott, M. (1990). Pyrethroid Insecticides and Human Welfare. *J.E.Casida (Ed.), Pesticides and Alternatives, Elsevier, Amsterdam* 345-355.

Chemical of Concern: PMR,DM,ES,PRN,DDT,CBL,PYT; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

205. Ellis, M. D., Siegfried, B. D., and Spawn, B. (1997). The Effect of Apistan on Honey Bee (*Apis mellifera* L). Responses to Methyl Parathion, Carbaryl and Bifenthrin Exposure. *Apidologie* 28: 123-127.

EcoReference No.: 63845  
Chemical of Concern: BFT,CBL,MP; Habitat: T; Rejection Code: TARGET(BFT).

206. Elmamlouk, T. H., Philpot, R. M., and Bend, J. R. (1977). Separation of Two forms of Cytochrome P-450 from Hepatic Microsomes of 1,2,3,4-Dibenzanthracene (DBA) Pretreated

Little Skates (*Raja erinacea*). *Pharmacologist* 19: 160 (ABS).

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT.

207. Elsner, E. A., Beers, E. H., and Baird, R. J. (1987). Apple, First Generation White Apple Leafhopper Commercial Orchard Insecticide Evaluation, 1986. *Insectic.Acaric.Tests* 12: 7 (010).

EcoReference No.: 88519

Chemical of Concern: CBL,AZ; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(TARGET-CBL,AZ).

208. EPA/OTS (1991). Letter to U.S.EPA Regarding the Enclosed Acute and Chronic Oral Toxicity Studies on 1-Ethoxy-4-Nitrobenzene with Attachments (Sanitized). *EPA/OTS Doc.#86-92000378S*.

EcoReference No.: 88962

Chemical of Concern: CBL; Habitat: T; Effect Codes: MOR,PHY,BCM,BEH; Rejection Code: NO CONTROL(CBL).

209. EPA/OTS (1994). Toxicity of Compounds Including P-Nitrodichlorobenzene Used in Building No. 750 with Cover Letter Outlining Current Study of Tetrahydrofuran Toxicity Dated 05/10/94 (Sanitized). *EPA/OTS Doc.#86940000705S*.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO CONTROL(CBL).

210. Estes, P. S. and Pritchard, A. W. (1988). Physiological Responses of Ghost Shrimp to Carbaryl and 1-Naphthol. *Am.Zool.* 28: A21 (ABS).

EcoReference No.: 2350

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

211. Eto, M., Seifert, J., Engel, J. L., and Casida, J. E. (1980). Organophosphorus and Methylcarbamate Teratogens: Structural Requirements for Inducing Embryonic Abnormalities in Chickens and Kynurenine Formamidase Inhibition in Mouse Liver. *Toxicol.Appl.Pharmacol.* 54: 20-30.

EcoReference No.: 77201

Chemical of Concern: CBL,DZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(DZ,CBL)/NO DIET,COC.

212. Eulitz, E. G. (1986). Initial Experiments in the Control of False Wireworm (Tenebrionidae) on Tobacco Transplants. *Phytophylactica* 18: 115-119.

EcoReference No.: 74106

Chemical of Concern: TLF,TVP,CBL,ACP,MOM,ES,DZ,CPY; Habitat: T; Effect Codes: MOR,POP,BEH; Rejection Code: OK(ALL CHEMS),OK TARGET(DZ,ACP,CBL).

213. Evans, D. A. and Raj, R. K. (1991). Quassin: A Mosquito Larvicide with Selective Toxicity. *J.Ecotoxicol.EnvIRON.MONIT.* 1: 243-249.

EcoReference No.: 16192

Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,PHY,BCM; Rejection Code: NO ENDPOINT(CBL).

214. Everts, K. L. (1998). Effects of Host Resistance and Fungicides on Yield and Quality of Spinach in Maryland. *Meet.of the Am.Phytopathol.Soc., Potomac Div., Mar.18-20, 1998, Morgantown, WV, Phytopathology* 88: S130.
- Chemical of Concern: Maneb,DOD,CuOH,CBL; Habitat: T; Rejection Code: NO ABSTRACT.
215. Fahrig, R. (1974). Comparative Mutagenicity Studies with Pesticides. *IARC Sci.Publ.* 10: 161-181.
- EcoReference No.: 76858  
 Chemical of Concern: MCPB,CBL,SZ,DQT,MP,Ziram,DMT,PCP,Folpt,Captan,MCPA,MLN,DZ,AND,EN,ES;  
Habitat: T; Rejection Code: NO REVIEW.
216. Falzon, M., Fernandez, Y., Cambon-Gros, C., and Mitjavila, S. (1983). Influence of Experimental Hepatic Impairment on the Toxicokinetics and the Anticholinesterase Activity of Carbaryl in the Rat. *J.Appl.Toxicol.* 3: 87-89.
- EcoReference No.: 87663  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: MOR,PHY,ACC; Rejection Code: NO CONTROL(CBL).
217. Farage-Elawar, M. and Rowles, T. K. (1992). Toxicology of Carbaryl and Aldicarb on Brain and Limb Cultures of Chick Embryos. *J.Appl.Toxicol.* 12: 239-244.
- Chemical of Concern: CBL,ADC; Habitat: T; Rejection Code: NO IN VITRO(CBL,ADC).
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- EcoReference No.: 72265  
 Chemical of Concern: HCCH,CBL,FNT,MXC; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(TARGET-CBL).
219. Fedtke, C. (1991). Mode of Action Studies with Mefenacet. *Pestic.Sci.* 33: 421-426.
- EcoReference No.: 73931  
 Chemical of Concern: MTL,GYP,SXD,HFP,PCP,ATZ,ACR,BTC,DU,CPP,BSF,PAQT,CBL;  
Habitat: A; Effect Codes: GRO; Rejection Code: NO CONTROL(ALL CHEMS).
220. Feeney, R. E., Leonard, R. M., and Eufernio, D. D. (1956). Irreversible Inactivation of Lysozyme by Copper. *Arch.Biochem.Biophys.* 61: 72-83.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO,NO BACTERIA.
221. Feldhaus, J. M., Feldhaus, A. J., Ace, L. N., and Pope, C. N. (1998). Interactive Effects of Pesticide Mixtures on the Neurobehavioral Responses and AChE Levels of Planaria. In: *E.E.Little, A.J.DeLonay, and B.M.Greenberg (Eds.), Environmental Toxicology and Risk Assessment, 7th Volume, ASTM STP 1333, Philadelphia, PA* 140-150.
- EcoReference No.: 59846  
 Chemical of Concern: 24DXY,CBL,MLN; Habitat: A; Effect Codes: BCM,BEH; Rejection Code: NO CONTROL(MLN,CBL,24DXY).
222. Feldman, K. L., Armstrong, D. A., Dumbauld, B. R., and Langdon, C. J. (1995). Controlling

Populations of Burrowing Thalassinid Shrimp on Oyster Culture Grounds: Effects of Harvesting and Shell Configuration on Recruitment of Young-of-the-Year. *J.Shellfish Res.* 14: 265.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).

223. Feral, C. and LeGall, S. (1982). The Influence of a Pollutant Factor (Tributyltin) on the Neuroendocrine Mechanism Responsible for the Occurrence of a Penis in the Females of *Ocenebra erinacea*. In: *J.Lever and H.H.Boer (Eds.), Molluscan Neuroendocrinology: Proceedings of the International Minisymposium on Molluscan Endocrinology, Elsevier, Amsterdam* 173-175.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO CONC.

224. Fernandez-Alba, A. R., Guil, L. H., Lopez, G. D., and Chisti, Y. (2001). Toxicity of Pesticides in Wastewater: A Comparative Assessment of Rapid Bioassays. *Anal.Chim.Acta* 426: 289-301.

EcoReference No.: 74540

Chemical of Concern: DZ,DDT,CBL,CBF,MLN,CYR,FMP,FTT,PPM,PAQT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),OK(DDT,CYR,FMP,FTT,PPM,PAQT),NO REVIEW(DZ,CBL,MLN).

225. Fernandez-Alba, A. R., Guil, L. H., Lopez, G. D., and Chisti, Y. (2001). Toxicity of Pesticides in Wastewater: A Comparative Assessment of Rapid Bioassays. *Anal.Chim.Acta* 426: 289-301.

User 1 Abbreviation: www.sciencedirect.com (1995-Present)

EcoReference No.: 74540

Chemical of Concern: DZ,DDT,CBL,CBF,MLN,CYR,FMP,FTT,PPM,PAQT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),OK(ALL CHEMS),NO REVIEW(DZ).

226. Fernandez, O. A. (1965). (Germinacion y Desarrollo de Semillas de Pepino y Nabo Sembradas a Distintas Profundidades en un Suelo Tratado con el Acido 2,4-D) Germination and Growth of Cucumber and Turnip Seeds Sown at Different Depth in a 2,4-Dichlorophenoxyacetic Acid-Treated Soil. *Rev.Fac.Agron.Univ.Nac.la Plata* 41: 187-196.

EcoReference No.: 30076

Chemical of Concern: 24DXY,CBL; Habitat: T; Rejection Code: NO FOREIGN.

227. Fitzgerald, G. P., Gerloff, G. C., and Skoog, F. (1952). Studies on Chemicals with Selective Toxicity to Blue-Green Algae. *Sewage Ind.Wastes* 24: 888-896.

EcoReference No.: 8065

Chemical of Concern: NAA,IAA,CN,CuS,24DXY,AN,BZD,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

228. Fleeger, J. W., Carman, K. R., and Nisbet, R. M. (2003). Indirect Effects of Contaminants in Aquatic Ecosystems. *Sci.Total Environ.* 317: 207-233.

EcoReference No.: 87526

Chemical of Concern:

ES,CBL,CPY,CYP,EFV,FNV,PMR,HCCH,TMP,DM,ATZ,LNR,GFS,BNZ,Cu,PAH,LPS,PCP,CBD,Cd,TBT; Habitat: A; Rejection Code: NO REVIEW(ALL CHEMS).



229. Frank, K. (1994). Energiskogens Miljoekonsekvenser. Aspekter Paa Odling, Slamgoedsling Och Foerbraenning. (Environmental Effects of Energy Forest (Short Rotation Willow). Aspects on Cultivation, Sludge Application and Combustion). *Swedish National Board for Industrial and Technical Development, Stockholm, Sweden (NTIS#DE94763358)* 31.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: No Mixture-Field, Non-English,NO MIXTURE.
230. Freitag, D. , Geyer, H., Kraus, A., Viswanathan, R., Kotzias, D., Attar, A., Klein, W., and Korte, F. (1982). Ecotoxicological Profile Analysis VII. Screening Chemicals for Their Environmental Behavior by Comparative Evaluation. *Ecotoxicol. Environ. Saf.* 6: 60-81.
- EcoReference No.: 3781  
 Chemical of Concern: AN,PAH,PCP,PCB,AND,NP,CBL; Habitat: AT; Effect Codes: ACC; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).
231. Gaines, T. B. (1969). Acute Toxicity of Pesticides. *Toxicol. Appl. Pharmacol.* 14: 515-534.
- EcoReference No.: 36729  
 Chemical of Concern:  
 AND,CHD,DDT,DLD,ES,EN,HPT,HCCH,TXP,DZ,PRN,As,Cu,CBL,NAPH,PAH,PCP,CN, PQT,PPB,PPHD,Zineb,MRX,ABT,DMT,DS,FNT,PSM,Naled,OXD,THM,HCCH,MLN,MP, FPN,ETN; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
232. Gapochka, L. D., Artiukchova, V. I., Lobacheva, G. V., and Lebedeva, T. E. (1980). The Study of the Adaptation of Blue-Green Algae *Synechocystis aquatilis* and *Anacystis nidulans* to Dispersant DN-75. *Vestn. Mosk. Univ. Ser. 16 Biol.* 2: 30-38 (RUS) (ENG ABS).
- EcoReference No.: 6932  
 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN.
233. Garcinuno, R. M., Fernandez-Hernando, P., and Camara, C. (2003). Evaluation of Pesticide Uptake by Lupinus Seeds. *Water Res.* 37: 3481-3489.
- EcoReference No.: 69589  
 Chemical of Concern: ATZ,SZ,CBL,FMP,PMR,LNR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,CONTROL(MTL),TARGET(ATZ,SZ,CBL).
234. Garten, C. T. and Trabalka, J. R. (1983). Evaluation of Models for Predicting Terrestrial Food Chain Behavior of Xenobiotics. *Environ. Sci. Technol.* 17: 590-595.
- EcoReference No.: 36745  
 Chemical of Concern:  
 DZ,ADC,AND,AZ,BMY,HCCH,CBL,CHD,CPY,CPYM,CMPH,DDT,DMB,DLD,DMT,DU, ES,EN,ETN,MLN,MTZ,MXC,MRX,PPHD,PCL,TDZ,TXP,TPR,TFL,PCB; Habitat: AT; Rejection Code: NO REVIEW,NO TITLES,NO REFS CHECKED.
235. Gencsoylu, I., Liu, W., Usmani, K. A., and Knowles, C. O. (1998). Toxicity of Acaricides to the Bulb Mite *Rhizoglyphus echinopus* (Acari: Acaridae). *Exp. Appl. Acarol.* 22: 343-351.
- EcoReference No.: 64443  
 Chemical of Concern:  
 TFY,FPP,CYP,DDT,IMC,CPY,DZ,DMT,CBL,RTN,PMR,FNV,BFT,CBF,DLD,EN,AND,FP N; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),OK TARGET(DMT,RTN,CYP,BFT,FPN,DZ),OK(ALL CHEMS).

236. Gentile, T. J. and Calabrese, E. J. (1987). Screening for Potential Hemolytic Responses to Environmental Agents Using a Bioactivation System: Evaluation of Six Pesticides. *J.Environ.Sci.Health Part A 22*: 427-444.
- Chemical of Concern: MTL,CBL,DU,GYP,MLN; Habitat: T; Rejection Code: NO IN VITRO.
237. Georghiou, G. P. (1990). The Effect of Agrochemicals on Vector Populations. *In: R.T.Roush and B.E.Tabashnik (Eds.), Pesticide Resistance in Arthropods, Chapter 7, Chapman and Hall, New York, NY* 183-202.
- EcoReference No.: 70833  
Chemical of Concern: DDT,CBL,DLD,CPY; Habitat: T; Rejection Code: NO REVIEW.
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- Chemical of Concern: ABT,PPX,CBL,MP,PRN,MLN,DDT,DLD,FNTH,FNT,DDVP,CPY; Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).
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Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO IN VITRO(CBL).
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 Chemical of Concern: HCCH,Zn,Cu,PCP,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: OK(HCCH,Zn),NO CONTROL(Cu,PCP,CBL).
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 Chemical of Concern: CBL,DMT; Habitat: A; Effect Codes: CEL; Rejection Code: NO

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Chemical of Concern: IAA,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO  
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Chemical of Concern: MOM,DZ,PMR,FNV,CBL,PSM; Habitat: T; Effect Codes: MOR,REP; Rejection Code: TARGET(DZ).
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EcoReference No.: 82778  
Chemical of Concern: MLSS,MOM,Naled,MLK,FVL,DMT,SBDA,CBL,FO,CPY,ACP,FTT; Habitat: T; Effect Codes: GRO,REP,POP; Rejection Code: NO MIXTURE(ALL CHEMS),TARGET(CBL).
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Chemical of Concern: CaPS,EPH,CBL; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK(EPH),NO MIXTURE(CBL),CONC(CaPS),TARGET(CBL).
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 Chemical of Concern: DZ,CPY,AZ,DS,CBL,MLN,EP; Habitat: A; Rejection Code: NO MIXTURE.
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 Chemical of Concern: CaPS,CBL; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).
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 Chemical of Concern: DLD,DZ,HPT,DDT,CBL,FNTH,ES,DEM,EPRN; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: NO OM, pH/NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN.
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 Chemical of Concern: RSM,DDT,CBL,MOM,BDC,BFT,ACP,CHT,FPP,CYF,FVL,CYP,PMR,FNV; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET(BFT,CYF,ACP,CBL,MOM)).
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 Chemical of Concern: RSM,OML,ACP,CPY,DMT,CBL; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).
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 Chemical of Concern: MLN,DZ,ABT,FNT,CPY,CBL; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(DZ),OK(ABT,FNT,CPY),NO ENDPOINT(CBL,MLN).
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 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,SYS; Rejection Code: NO ENDPOINT(CBL).
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 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN,NO QSAR.
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Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(CBL).

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

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EcoReference No.: 8962

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

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EcoReference No.: 8879

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

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EcoReference No.: 3007

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

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Chemical of Concern: MOM,CBL; Habitat: T; Rejection Code: NO SOURCE.

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

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EcoReference No.: 5147

Chemical of Concern: DDT,CBL,EN,MLN; Habitat: A; Effect Codes: BEH; Rejection

Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 5010

Chemical of Concern: CrCl<sub>3</sub>,NaCN,CBL; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

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EcoReference No.: 70979

Chemical of Concern:

PRN,CBL,DLD,AND,DZ,EN,CHD,DDT,ES,HPT,MLN,MOM,CPY,CBF,Naled,AZ,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-AZ,TARGET-CBL,MLN,MOM).

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EcoReference No.: 9038

Chemical of Concern:

CBL,DDT,EN,DLD,AND,PRN,MP,DZ,MOM,RTN,ATN,FBM,Ziram,FNT,ANZ,NaPCP,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 5761

Chemical of Concern:

DDT,TPN,FNTH,24OXY,PRN,PAQT,CBL,PYN,Zineb,CZE,FBM,PPX,PPX,MOM,ES,TBC,MLN,FE,SZ,NaPCP,Captan,AND,DZ,ETN,FLAC,PPN,FNT,RTN,EN,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,CONTROL,(ALL CHEMS).

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EcoReference No.: 59146

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern: SZ,CBL,PHMD; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: NO CONTROL(SZ,PHMD).

287. Hassan, S. A., Albert, R., Bigler, F., Blaisinger, P., Bogenschutz, H., Boller, E., Brun, J., Chiverton, P., Edwards, P., Englert, W. D., Huang, P., Inglesfield, C., Naton, E., Oomen, P. A., Overmeer, W. P. J., Rieckmann, W., Samsos-Petersen, L., Staubli, A., Tuset, J. J., Viggiani, G., and Vanwetswinkel, G. (1987). Results of the Third Joint Pesticide Testing Program by the IOBC/WPRS-Working Group "Pesticides and Beneficial Organisms". *J. Appl. Entomol.* 103: 92-107 .

EcoReference No.: 59146



Chemical of Concern: AMTL,ACP,PHMD,AMZ,PMR,SZ,CBL,MOM,MZB; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: NO CONTROL(SZ,PHMD),NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 86757

Chemical of Concern: MCB,MAL,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(CBL,MCB).

289. Hatch, R. C. (1988). Poisons Causing Nervous Stimulation or Depression. In: *N.H.Booth and L.E.McDonald (Eds.), Vet.Pharmacol.Theraput., 6th Edition, Iowa State Univ.Press, Ames, Iowa* 1053-1101 .

EcoReference No.: 70678

Chemical of Concern: PNB,Pb,DDT,ES,CHD,HCCH,TXP,AND,EN,DLD,CBL,PRN,CPY; Habitat: T; Rejection Code: NO COC,NO REVIEW.

290. Hattenschwiler, S. and Schafellner, C. (1999). Opposing Effects of Elevated CO<sub>2</sub> and N Deposition on *Lymantria monacha* Larvae Feeding on Spruce Trees. *Oecologia* 118: 210-217.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO TOXICANT.

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE,ENDPOINT(CBL).

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Chemical of Concern: CBL,Cu; Habitat: A; Rejection Code: NO ABSTRACT(CBL,Cu).

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EcoReference No.: 70899

Chemical of Concern: RSM,CBL,HCCH,CYP,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,RSM,DZ).

294. Haynes, H. L., Moorefield, H. H., Borash, A. J., and Keays, J. W. (1958 ). The Toxicity of Sevin to Goldfish. *J.Econ.Entomol.* 51: 540.

EcoReference No.: 7999

Chemical of Concern: DDT,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO ABSTRACT(ALL CHEMS).

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EcoReference No.: 40492

Chemical of Concern: PCP,MDT,ES,PPX,CHD,CBL,Captan,CuS; Habitat: T; Effect Codes: MOR; Rejection Code: OK(EcoSSL)//NO CONTROL(ALL CHEMS).

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EcoReference No.: 68963

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

297. Heise, G. A. and Hudson, J. D. (1985). Effects of Pesticides and Drugs on Working Memory in Rats: Continuous Delayed Response. *Pharmacol.Biochem.Behav.* 23: 591-598.

EcoReference No.: 87757

Chemical of Concern: CBL,PPX,DM; Habitat: T; Effect Codes: BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

298. Helal, M., Baibagyshev, E., and Saber, S. (1998). Uptake of Cd and Ni by Spinach, Spinacea oleracea (L.) from Polluted Soil Under Field Conditions as Affected by Salt Water Irrigation. *Agronomie* 18: 443-448.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE, CONTROL, 1 CONC, ERE.

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EcoReference No.: 88824

Chemical of Concern: CPY,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(CPY,TARGET-CBL).

300. Heller, P. R. and Kellogg, S. (1988). Hairy Chinch Bug Control on a Home Lawn in Somerset, PA, 1987. *Insectic.Acaric.Tests* 13: 351 (No. 46G).

EcoReference No.: 88825

Chemical of Concern: FPP,CPY,ACP,CBL,CYF; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(FPP,CPY,TARGET-ACP,CBL,CYF).

301. Heller, P. R. and Kellogg, S. (1988). Pine Needle Scale Control on Scotch Pine in Centre County, Pennsylvania, 1987. *Insectic.Acaric.Tests* 13: 382 (No. 22H).

EcoReference No.: 88821

Chemical of Concern: CPY,FVL,ACP,CYF,CBL,DZ,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(CPY,TARGET-ALL CHEMS).

302. Heller, P. R. and Kellogg, S. (1988). Spring Control of Northern Masked Chafer and Asiatic Garden Beetle Grubs on a Golf Course Rough in Snyder County, PA, 1987. *Insectic.Acaric.Tests* 13: 334 (No. 14G).

EcoReference No.: 88827

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

303. Heller, P. R. and Kellogg, S. (1988). Summer Control of Japanese Beetle Grubs on a Golf

Course Fairway in Lewistown, PA, 1987. *Insectic.Acaric.Tests* 13: 333 (No. 11G).

EcoReference No.: 88828

Chemical of Concern: CBL,CPY; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(CPY,CBL).

304. Hellman, J. L. and Patton, T. W. (1988). Control of Green June Beetle Grubs on a Golf Course, 1986. *Insectic.Acaric.Tests* 13: 363 (No. 68G).

EcoReference No.: 88823

Chemical of Concern: DZ,CBL,IZF,CYF,ACP,TCF,CPY,PMR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 936

Chemical of Concern: AZ,DDT,HCCH,DLDCBL,EN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 8001

Chemical of Concern: AND,CBL,MP; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 79045

Chemical of Concern: PRT,NAPH,PMR,ES,DCB,PSM,DS,DZ,CBF,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(PRT,DZ,NAPH,DCB).

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EcoReference No.: 79774

Chemical of Concern: ACP,CYH,CBL,ADC,FPP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ACP,ADC,CBL).

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EcoReference No.: 50152

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO METHODS.

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Del Etil-Paration Y Carbaril Sobre Estadios Tempranos Del Desarrollo Del Erizo De Mar].  
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EcoReference No.: 16045

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO  
ABSTRACT,FOREIGN(CBL).

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EcoReference No.: 72263

Chemical of Concern: PRN,ES,CPY,DZ,CBL,DLD,RSM,DDT; Habitat: T; Rejection Code:  
NO REVIEW.

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EcoReference No.: 59468

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SEDIMENT,SURVEY.

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO REVIEW(CBL).

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Chemical of Concern: CPY,PRN,CBL; Habitat: AT; Rejection Code: NO SPECIES,NO BACTERIA.

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EcoReference No.: 62777

Chemical of Concern: DZ,CBL; Habitat: A; Rejection Code: NO BACTERIA.

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EcoReference No.: 6128

Chemical of Concern: CBL,DZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code:  
NO FOREIGN.

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EcoReference No.: 6128  
Chemical of Concern: CBL,DZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO FOREIGN(ALL CHEMS).

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EcoReference No.: 70632  
Chemical of Concern: SZ,CBL,DZ,PRN,ES,NH,MOM,DMT; Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: TARGET(DMT,DZ).

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EcoReference No.: 42198  
Chemical of Concern: NAA,CBL,NAD KNPH; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 76474  
Chemical of Concern: PCZ,PMR,PRN,CYP,TDF,CBL; Habitat: T; Rejection Code: NO FOREIGN(PCZ,PMR,PRN,CYP,TDF,CBL).

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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,DVP; Rejection Code: LITE EVAL CODED(ATZ,MOM,DMT,DMB,ALSV),OK(ALL CHEMS except BMN,MCPA-MIXTURE).

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EcoReference No.: 70472  
Chemical of Concern: SZ,CBL,ATZ; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE,SURVEY.

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- EcoReference No.: 14399  
 Chemical of Concern: ACL,CBL,Naled,TBT,CuS,NaPCP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(NaPCP),NO CONTROL(CuS,ACL,CBL,TBT,Naled).
326. Horsburgh, R. L., Kilmer, S. W., Cook II, K. E., Cook, M. K., Warren, J. R., and Dogger, J. R. (1992). Apple, Miticide Evaluations 1991. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Vol.17, Entomol.Soc.of Am., Lanham, MD* 10-12.
- EcoReference No.: 76444  
 Chemical of Concern: PMR,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO COC(DOD),TARGET(CBL).
327. Hota, A. K., Mishra, D. K., and Tripathy, P. C. (1993). Metabolic Effects of Kilex Carbaryl on a Fresh Water Teleost, *Channa punctatus* (Bloch). In: V.P.Agrawal, S.A.H.Abidi, and G.P.Verma (Eds.), *Environmental Impact on Aquatic and Terrestrial Habitats, Dec.1991, Berhampur, Soc.of Biosciences, Muzaffarnagar, India* 335-342.
- EcoReference No.: 17646  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(CBL).
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- EcoReference No.: 50331  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT,CONTROL(CBL).
329. Howitt, A. and Biddinger, D. J. (1988). Apple, Insecticide Evaluation, 1987. *Insectic.Acaric.Tests* 13: 14 (No. 13A).
- EcoReference No.: 88830  
 Chemical of Concern: CBL,CPY,PSM,DMT,FVL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-CBL,DMT,FVL).
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- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE.
331. Hurej, M. and Dutcher, J. D. (1994). Indirect Effect of Insecticides on Convergent Lady Beetle (Coleoptera: Coccinellidae) in Pecan Orchards. *J.Econ.Entomol.* 87: 1632-1635.
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- EcoReference No.: 37218  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO

ENDPOINT(CBL).

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- EcoReference No.: 87676  
Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO CONTROL,ENDPOINT(CBL).
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- EcoReference No.: 7806  
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: NO FOREIGN(CBL).
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- EcoReference No.: 71346  
Chemical of Concern:  
DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nab am,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(ATZ,RTN,PPZ),OK(ALL CHEMS).
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- Chemical of Concern: CYF,FVL,CBL,BFT; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
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- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ARCHIVE.
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- EcoReference No.: 9590  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN(CBL).
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- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO COC(MTL).
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EcoReference No.: 37263  
Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO  
ENDPOINT(ALL CHEMS).

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Chemical of Concern: PCB,PCP,DDT,CBL,HCCH,PAH; Habitat : T; Rejection Code: NO  
ENDPOINT(ALL CHEMS).

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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(BFT,DZ).

343. 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,C  
BL,CPY,DZ,DMT,ES,MLN,MDT,DCF; Habitat: T; Effect Codes: MOR; Rejection Code:  
LITE EVAL CODED(CaPS),OK(ALL CHEMS),OK TARGET(DZ).

344. Jamnback, H. and Frempong-Boadu, J. (1966). Testing Blackfly Larvicides in the Laboratory and in Streams. *Bull.W.H.O.* 34: 405-421.

EcoReference No.: 2837  
Chemical of Concern: Naled,CBL,CPY,DZ,MDT,DMT,ATM,ABT,PPX,PSM; Habitat: A;  
Effect Codes: BEH,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

345. Jauhar, L. and Kulshrestha, S. K. (1983). Histopathological Changes Induced by the Sublethal Doses of Endosulfan and Carbaryl in the Intestine of *Channa striatus* Bloch. *Indian J.Zool.* 11: 35-42.

EcoReference No.: 4589  
Chemical of Concern: CBL,ES; Habitat: A; Effect Codes: PHY,CEL; Rejection Code: NO  
ENDPOINT(ALL CHEMS).

346. Jauhar, L. and Kulshrestha, S. K. (1985). Histopathological Effects Induced by Sublethal Doses of Sevin and Thiodan on the Gills of *Channa striatus* BL. (Pisces, Channidae). *Acta Hydrochim.Hydrobiol.* 13: 395-400.

EcoReference No.: 11510  
Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: CEL; Rejection Code: NO  
ENDPOINT(ES,CBL).

347. Jawale, M. D. (1986). Effect of Pesticides on Metabolic Rate of Freshwater Crab *Barytelphusa quereni*. *Environ.Ecol.4(1):142-143 / C.A.Sel.-Environ.Pollut.3:106-28672B (1987) / Aquat.Sci.Fish.Abstr.* 16: 8429-1Q16.

EcoReference No.: 124



Chemical of Concern: DDT,EN,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: CBL,BTC,CBF; Habitat: T; Rejection Code: NO BACTERIA.

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Chemical of Concern: CBL,MLN,DZ; Rejection Code: NO SPECIES.

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO PUBL AS.

351. Johansen, C. A. and Brown, F. C. (1972). Toxicity of Carbaryl-Contaminated Pollen Collected by Honey Bees. *Environ.Entomol.* 1: 385-386.

EcoReference No.: 35280

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

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EcoReference No.: 71980

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

353. Johnson, I. C., Keller, A. E., and Zam, S. G. (1993). A Method for Conducting Acute Toxicity Tests with the Early Life Stages of Freshwater Mussels. In: *W.G.Landis, J.S.Hughes, and M.A.Lewis (Eds.), Environmental Toxicology and Risk Assessment, ASTM STP 1179, Philadelphia, PA* 381-396.

EcoReference No.: 50679

Chemical of Concern: ATZ,CBL,CYH; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATZ),OK(ALL CHEMS).

354. Johnson, J. W., Kriegel, R. D., and Wise, J. C. (1996). Grape Season-Long Broad-Spectrum Control, 1995. *Arthropod Manag.Tests* 63-64.

EcoReference No.: 77611

Chemical of Concern: TDF,CBL,AZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBL,AZ),NO CONC(TDF),TARGET(AZ,CBL).

355. Johnson, N. C. and Pflieger, F. L. (1992). Vesicular-Arbuscular Mycorrhizae and Cultural Stresses. In: *G.J.Bethlenfalvay and R.G.Linderman (Eds.), ASA (Am.Soc.of Agron.), Spec.Publ.No.54, Oct.31, 1991, Denver, CO, Am.Soc.of Agron.Inc., Crop Sci.Soc.of Am.Inc., Soil Sci.Soc.of Am.Inc., Madison, WI* 71-99.

EcoReference No.: 70839

Chemical of Concern: SZ,PNB,CBL,DZ,PRN,CBF,ADC,DCNA,PHMD; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

356. Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).

EcoReference No.: 666

Chemical of Concern:

EDT,RSM,Captan,CBF,CBL,DFZ,PSM,24DXY,ACP,ACR,AZ,BS,Captan,CMPH,CPY,DB N,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,MDT,MLN,MLT,MOM,MP,Naled, OYZ,PRT,SZ,TBC,TPR,As,Pb; Habitat: A; Effect Codes: MOR,ITX,BEH; Rejection Code: NO PUBL AS.

357. Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.

EcoReference No.: 70074

Chemical of Concern:

24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BT Y,Captan,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DD,DDT,DDVP,DEM,DINO,DLD,DMB,DMT,DOD,DPP1,DQTBr,DS,DU,DZ,DZM,EDT, EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB, MCPA,MCPB,MCPP1MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH ,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,R TN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMP H,CPP,CPY,CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTBr,DU,DZM,EP ,EPTC,ES,FMU,FNF,FNT,Folpet,HCCH,HPT,LNR,MCB,MCPP1,MLT,MP,MRX,MTM,M XC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SI D,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

358. Jones, M., d'Arcy Doherty, M., and Cohen, G. M. (1986). Antitumour Activity of 1-Naphthol Against L1210 Leukaemia In Vivo and Ehrlich Ascites Tumour Cells In Vivo and In Vitro. *Cancer Lett.* 33 : 347-354.

EcoReference No.: 88039

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

359. Joshi, N. and Kumar, S. (2001). Acid and Alkaline Phosphatases Activity in Different Tissues of Fresh Water Crab, *Paratelphusa masoniana* (Henderson) to Pesticide Exposure. *Himalayan J.Environ.Zool.* 15: 101-104.

EcoReference No.: 68523

Chemical of Concern: CBL,AND; Habitat: A; Effect Codes: BCM; Rejection Code: NO CONC(AND,CBL).

360. Jubb, G. L. Jr. (1984). Patterns of Pesticide Use on 'Concord' Grapes in Erie County, Pennsylvania: 1970-1982. *Melsheimer Entomol.Ser.* 34: 1-11.

Chemical of Concern: SZ,PRN,CBL,DZ,Cu; Habitat: T; Rejection Code: NO TOX DATA.

361. Juhnke, I. and Luedemann, D. (1978). Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfeentest). *Z.Wasser-Abwasser-Forsch.* 11: 161-164 (GER) (ENG TRANSL) (OECDG Data File).
- EcoReference No.: 547  
 Chemical of Concern: ATZ,CBL,HCCH,ACL,FUR,BZO,AMSV,APAC,C8OH,DCB,Se;  
Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,CONTROL(ALL CHEMS).
362. Julich, F. (1979). Hamatologische Untersuchungen an Regenbogenforellen (*Salmo gairdneri*) Und Karpfen (*Cyprinus carpio*) Nach Einwirkung Von Subletalen Konzentrationen. *Z.Angew.Zool.* 66: 475-504.
- EcoReference No.: 6691  
 Chemical of Concern: DMT,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: NO FOREIGN.
363. Jurkowska, H. and Rogoz, A. (1988). Content of Mineral Nutrients in Plants of Oats as Depending on the Dose and Form of the Copper Fertilizer Part II. Microelements (Zawartosc Skladnikow Mineralnych w Roslinach owsa w Zaleznosci od Dawki i Formy Nawozu Miedziowego). *Acta Agrar.Silvestria* 27: 155-166 (POL) (ENG ABS).
- EcoReference No.: 68937  
 Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.
364. Kakiichi, N., Kitamikado, A., Sasamori, T., Tanaka, Y., Ishiwata, Y., Sakurai, A., Shimizu, K., and Kamata, S. I. (1996). Toxicity of Several Insecticides Against Ciliate *Colpoda aspera*. *Anim.Sci.Technol.* 67: 844-850.
- EcoReference No.: 70277  
 Chemical of Concern: PMR,CYR,PYX,PTP,FNTH,DDVP,RSM,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS),MIXTURE(DDVP,FNTH,FNT,RSM).
365. Kanazawa, J. (1981). Bioconcentration Potential of Pesticides by Aquatic Organisms. *Jpn.Pestic.Inf.* 39: 12-16.
- EcoReference No.: 12534  
 Chemical of Concern: HCCH,CBL,TFN,FNT,TBC,MLT,PNB,DZ,DLD; Habitat: A; Effect Codes: ACC,GRO; Rejection Code: NO CONTROL(ALL CHEMS).
366. Kanazawa, J. (1983). In Vitro and In Vivo Effects of Organophosphorus and Carbamate Insecticides on Brain Acetylcholinesterase Activity of Fresh-Water Fish, Topmouth Gudgeon. *Bull.Natl.Inst.Agric.Sci.Sect.C* 37: 19-30.
- EcoReference No.: 11600  
 Chemical of Concern: DZ,FNT,PRN,PPX,CBL,MOM; Habitat: A; Effect Codes: BCM,MOR,BEH,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
367. Kanazawa, J. (1981). Measurement of the Bioconcentration Factors of Pesticides by Freshwater Fish and Their Correlation with Physicochemical Properties or Acute Toxicities. *Pestic.Sci.* 12: 417-424.
- EcoReference No.: 15599  
 Chemical of Concern: DLD,DZ,MLT,FNT,CBL,TBC,PNB,HCCH,TFN; Habitat: A; Effect

Codes: MOR,ACC; Rejection Code: NO CONTROL(ALL CHEMS).

368. Kanazawa, J. (1983). A Method of Predicting the Bioconcentration Potential of Pesticides by Using Fish. *Jpn.Agric.Res.Q.* 17: 173-179.

EcoReference No.: 10750

Chemical of Concern: HCCH,MLT,TFN,CBL,DLD,DZ,FNT,TBC,PNB; Habitat: A; Effect Codes: ACC,BCM,GRO; Rejection Code: NO CONTROL(ALL CHEMS).

369. Kanazawa, J. (1980). Prediction of Biological Concentration Potential of Pesticides in Aquatic Organisms. *Rev.Plant Prot.Res.* 13: 27-36.

EcoReference No.: 59925

Chemical of Concern: PNB,DZ,MLT,TBC,HCCH,TFN,FNT,CBL,DLD; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: NO CONTROL(ALL CHEMS).

370. Karinen, J. F., Lamberton, J. G., Stewart, N. E., and Terriere, L. C. (1967). Persistence of Carbaryl in the Marine Estuarine Environment. *J.Agric.Food Chem.* 15: 148-156.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO EFFECT.

371. Kaufman, D. D. (1977). Biodegradation and Persistence of Several Acetamide, Acylanilide, Azide, Carbamate, and Organophosphate Pesticide Combinations. *Soil Biol.Biochem.* 9: 49-57.

EcoReference No.: 87267

Chemical of Concern: PPN,PCH,PRT,NaN<sub>3</sub>,FMU,DU,DZ,CBL,CPP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

372. Kaur, H. and Toor, H. S. (1997). Histopathological Changes in the Liver of Fingerlings of Indian Major Carp, *Cirrhina mrigala* (Hamilton) Exposed to Some Biocides. *Indian J.Ecol.* 24: 193-195.

EcoReference No.: 59932

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

373. Kavlock, R. J., Short, R. D. Jr., and Chernoff, N. (1987). Further Evaluation of an In Vivo Teratology Screen. *Teratog.Carcinog.Mutagen.* 7: 7-16 .

EcoReference No.: 70488

Chemical of Concern: PNB,CBL,EN,MANEB; Habitat: T; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(CBL),OK(EN,PNB).

374. Kemper, B. (1976). Inactivation of Parathyroid Hormone mRNA by Treatment with Periodate and Aniline. *Nature* 262: 321-323.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO CONC,NO DURATION.

375. Keshavan, R. and Deshmukh, P. B. (1984). Vitamin A Concentrations in Liver and Serum of the Frog, *Rana tigrina*, Treated with DDT and Sevin. *Indian J.Comp.Anim.Physiol.* 2: 32-36.

EcoReference No.: 50919

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

376. Khalil, S. K., Anwar, M., Naeem, M., Inamullah, Ali, I., Shah, F., and Jabbar, A. (1991). Studies on the Population Dynamics, Host Preference and Chemical Control of Brown Garden Snail *Helix aspersa* Muller. *Sarhad J.Agric.* 7: 83-89.
- EcoReference No.: 86932  
 Chemical of Concern: CBL,ES,EP,CBF,ADC; Habitat: T; Effect Codes: POP,MOR,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).
377. Khare, S., Singh, S., and Mehrotra, A. (2002). Histopathological Changes in the Gills of *Nandus nandus* Induced by Endosulfan and Carbaryl. *Nat.EnvIRON.Pollut.Technol.* 1: 1-4.
- EcoReference No.: 82011  
 Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT,STATS(ALL CHEMS).
378. Khazraji, A. L., Al-Iraqi, R. A., and Al-Saffar, Z. Y. (1984). The Relative Susceptibility of *Culex pipiens molestus* Forskal to Certain Insecticides in Nineva District, Iraq. *J.Biol.Sci.Res.* 15: 7-12.
- Chemical of Concern: DZ,CBL; Habitat: A; Rejection Code: NO DURATION.
379. Khemani, S., Khemani, L. D., and Pant, M. C. (1990). Toxicological Effects of Selected Pesticides on Brain Acetylcholinesterase AChE Activity in Rats. *Indian J.EnvIRON.Health* 32: 39-44.
- Chemical of Concern: PHSL,CBL; Habitat: T; Rejection Code: NO CONC(ALL CHEMS).
380. Khillare, Y. K. and Wagh, S. B. (1987). Chronic Effects of Endosulfan, Malathion and Sevin in the Fresh Water Fish, *Barbus stigma* Testis Histopathology. *J.Sci.Res.* 9: 19-22.
- EcoReference No.: 3706  
 Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
381. Khillare, Y. K. and Wagh, S. B. (1987). Developmental Abnormalities Induced by the Pesticides in the Fish, *Barbus stigma* (Ham.). *Indian J.Appl.Pure Biol.* 2: 73-76.
- EcoReference No.: 106  
 Chemical of Concern: CBL,MLN,ES; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
382. Khillare, Y. K. and Wagh, S. B. (1989). Effect of Certain Pesticides on Spermatogenesis in Fish *Barbus stigma* (Ham.). *Oikoassay* 6: 19-22.
- EcoReference No.: 89101  
 Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: CEL,REP; Rejection Code: NO ENDPOINT(ES,MLN,CBL).
383. Khillare, Y. K. and Wagh, S. B. (1989). Effects of Endosulfan, Malathion and Sevin on Biochemical Constituents of the Fish *Puntius stigma*. *Environ.Ecol.* 7: 66-69.
- EcoReference No.: 2387  
 Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
384. Khillare, Y. K. and Wagh, S. B. (1988). Long-Term Effects of Pesticides Endosulfan,

Malathion and Sevin on the Fish *Puntius stigma*. *Environ.Ecol.* 6: 589-593.

EcoReference No.: 3426

Chemical of Concern: MLN,ES,CBL; Habitat: A; Effect Codes: MOR,GRO,PHY;  
Rejection Code: NO ENDPOINT(ALL CHEMS).

385. Khmelevskii, V. N. (1969). Data on Experimental Therapy in Sevin Poisoning of Chickens. *Veterinariia* 46: 63-64 (RUS).

EcoReference No.: 50944

Chemical of Concern: CBL,PAH; Habitat: T; Rejection Code: NO FOREIGN.

386. Khodayari, K., Smith, R. J. Jr., and Tugwell, N. P. (1986). Interaction of Propanil and Selected Insecticides on Rice (*Oryza sativa*). *Weed Sci.* 34: 800-803.

EcoReference No.: 74315

Chemical of Concern: MOM,MP,CBL,PPN; Habitat: T; Effect Codes: PHY,POP,GRO;  
Rejection Code: NO MIXTURE(MOM),TARGET(CBL).

387. Kimura, T. and Keegan, H. L. (1966). Toxicity of Some Insecticides and Molluscicides for the Asian Blood Sucking Leech, *Hirudo nipponia* Whitman. *Am.J.Trop.Med.Hyg.* 15: 113-115.

EcoReference No.: 2890

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

388. Kirchmann, R., Fagniard, E., and Van Puymbroeck, S. (1966). Studies on Foliar Contamination by Radiocaesium and Radiostrontium. In: *Radioecological Concentration Process, Proc.of an Internat.Sympos.,Stockholm, April 25-29* 475-483.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE.

389. Klass, M. C. and Olson, J. K. (1985). The Effects of Selected Rice and Soybean Pesticides on the Eggs of *Psorophora columbiae*. *J.Am.Mosq.Control Assoc.* 1: 458-462.

Chemical of Concern: MLT,CBL,CBF,MLN,MP,TXP,PDM,PPN,ACP,Sn; Habitat: T;  
Rejection Code: NO CONC.

390. Kline, E. R., Mattson, V. R., Pickering, Q. H., Spehar, D. L., and Stephan, C. E. (1987). Effects of Pollution on Freshwater Organisms. *J.Water Pollut.Control Fed.* 59: 539-572.

EcoReference No.: 51026

Chemical of Concern:

AND,AI,NH,As,ATZ,Ba,BNZ,Be,Cd,CBL,CTC,CHD,Cl,Cl2,CBZ,CF,CPH,CPY,Cr,Co,cU,C  
N,DDT,DZ,TCDD,DCB,DPDP,DLD,DMB,DXN,EDT,ES,EN,ETHB,FRN,FML,HPT,HCCH  
,Fe,Pb,Mn,Hg,PRN,Mo,NAPH,PAH,Ni,NBZ,NP,PCB,PCP,PL,PHTH,Se,Ag,SZ,Sn,TOL,TX  
P,TPH,TCE,V,Zn; Habitat: A; Rejection Code: NO REVIEW,NO REFS CHECKED.

391. Knaak, J. B., Yee, K., Ackerman, C. R., Zweig, G., Fry, D. M., and Wilson, B. W. (1984). Percutaneous Absorption and Dermal Dose-Cholinesterase Response Studies with Parathion and Carbaryl in the Rat. *Toxicol.Appl.Pharmacol.* 76: 252-263.

EcoReference No.: 37516

Chemical of Concern: PRN,CBL; Habitat: T; Effect Codes: ACC,BCM; Rejection Code:  
NO CONTROL(ALL CHEMS),NO ENDPOINT(CBL).

392. Knight, E. V., Alvares, A. P., and Chin, B. H. (1987). Effects of Phenobarbital Pretreatment on the In Vivo Metabolism of Carbaryl in Rats. *Bull. Environ. Contam. Toxicol.* 39: 815-821.
- EcoReference No.: 87643  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO CONTROL(CBL).
393. Konno, T. and Kajihara, O. (1985). Synergism of Pirimicarb and Organophosphorus Insecticides Against the Resistant Rice Stem Borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae). *Appl. Entomol. Zool.* 20: 403-410.
- EcoReference No.: 74137  
 Chemical of Concern: CPYM, FNT, MP, FNTH, DZ, CPY, PRN, MLN, PSM, MDT, DDVP, TVP, CBL, BDC, PIRM, PIM, MOM; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MLN, DZ).
394. Kopecek, K., Fuller, F., Ratzmann, W., and Simonis, W. (1975). The Light Dependent Effect of Insecticides on Unicellular Algae. (Lichtabhängige Insektizidwirkungen auf Einzellige Algen). *Ber. Dtsch. Bot. Ges.* 88: 269-281 (GER) (ENG ABS) .
- EcoReference No.: 7828  
 Chemical of Concern: CBL, HCCH, DLD; Habitat: A; Effect Codes: BCM; Rejection Code: NO FOREIGN(CBL, DLD, HCCH).
395. Korn, S. (1973). The Uptake and Persistence of Carbaryl in Channel Catfish. *Trans. Am. Fish. Soc.* 102: 137-139.
- EcoReference No.: 8889  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: ACC, MOR; Rejection Code: NO CONTROL(CBL).
396. Korn, S. and Earnest, R. (1974). Acute Toxicity of Twenty Insecticides to Striped Bass, *Morone saxatilis*. *Calif. Fish Game* 60: 128-131.
- EcoReference No.: 602  
 Chemical of Concern: CBL, CPY, HCCH, MLN, MP, Naled, ABT, FNTH, EN, ES, DDT, HPT, MXC, TXP, AND, CHD, PRN, DLD; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
397. Kossakowski, S., Zuk, M., and Dziura, A. (1982). Effect of Carbaryl Intoxication on Thyroid Function. *Bull. Vet. Inst. Pulawy* 25: 62-65.
- EcoReference No.: 87750  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: PHY, MOR, BCM; Rejection Code: NO ENDPOINT(CBL).
398. Koundinya, P. R. and Ramamurthi, R. (1980). Toxicity of Sumithion and Sevin to the Freshwater Fish, *Sarotherodon mossambicus* (Peters). *Curr. Sci.* 49: 875-876.
- EcoReference No.: 6547  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR, PHY; Rejection Code: NO CONTROL(CBL).
399. Koval'Chuk, L. Y., Perevozchenko, I. I., and Braginskii, L. P. (1971). Acute Toxicity of Yalan, Eptam and Sevin for *Daphnia magna*. *Exp. Water Toxicol. (Eksp. Vodn. Toksikol.)* 2: 56-64 (RUS) (ENG ABS).

EcoReference No.: 6133  
Chemical of Concern: CBL,MLT; Habitat: A; Rejection Code: NO FOREIGN,NO CONTROL(ALL CHEMS).

400. Koval'Chuk, L. Ya, Perevozchenko, I. I., and Braginskii, L. P. (1971). Acute Toxicity of Yalan, Eptam and Sevin for *Daphnia magna*. *Exp.Water Toxicol.(Eksp.Vodn.Toksikol.)* 2: 56-64 (RUS) (ENG ABS).

EcoReference No.: 6133  
LITE Eval Status: NO FOREIGN  
ECOTOX Status: A CBL,MLT; Effect Codes: A

401. Krechniak, J. and Englot, B. (1994). Interaction of Lindane and Carbaryl on Cholinesterase Activity in Rats. *Toxicol.Lett.* 74: 44-45.

Chemical of Concern: CBL,HCCH; Habitat: T; Rejection Code: NO ABSTRACT(ALL CHEMS).

402. Krieger, R. I. and Lee, P. W. (1973). Inhibition of In Vivo and In Vitro Epoxidation of Aldrin, and Potentiation of Toxicity of Various Insecticide Chemicals by Diquat in Two Species of Fish. *Arch.Environ.Contam.Toxicol.* 1: 112-121 (Used 2775 As Ref.).

EcoReference No.: 8894  
Chemical of Concern: DDT,PRN,CBL,AND; Habitat: A; Effect Codes: MOR,PHY;  
Rejection Code: NO CONTROL(ALL CHEMS).

403. Krijnen, C. J. and Boyd, E. M. (1971). The Influence of Diets Containing from 0 to 81 per Cent of Protein on Tolerated Doses of Pesticides. *Comp.Gen.Pharmacol.* 2: 373-376.

Chemical of Concern: DZ,CBL,HCCH; Habitat: T; Rejection Code: NO DURATION.

404. Krijnen, C. J. and Boyd, E. M. (1970). Susceptibility to Captan Pesticide of Albino Rats Fed from Weaning on Diets Containing Various Levels of Protein. *Food Cosmet.Toxicol.* 8: 35-42.

EcoReference No.: 84917  
Chemical of Concern: DZ,HCCH,CBL,CAPTAN; Habitat: T; Effect Codes: MOR,GRO;  
Rejection Code: NO CONTROL(ALL CHEMS).

405. Kroes, R., Galli, C., Munro, I., Schilter, B., Tran, L. A., Walker, R., and Wurtzen, G. (2000). Threshold of Toxicological Concern for Chemical Substances Present in the Diet: A Practical Tool for Assessing the Need for Toxicity Testing. *Food Chem.Toxicol.* 38: 255-312.

EcoReference No.: 87546  
Chemical of Concern: AZ,CBL,DMT,MLN,ADC,DZ,Captan,ATZ,MTM,ACP,MZB,PCB ;  
Habitat: T; Rejection Code: NO REVIEW.

406. Kulshrestha, S. K. and Arora, N. (1984). Effect of Sublethal Doses of Carbaryl and Endosulfan on the Skin of *Channa striatus* BL. *J.Environ.Biol.* 5: 141-147.

EcoReference No.: 10885  
Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

407. Kulshrestha, S. K. and Arora, N. (1984). Impairments Induced by Sublethal Doses of Two



Pesticides in the Ovaries of a Freshwater Teleost *Channa striatus* Bloch. *Toxicol.Lett.* 20: 93-98.

EcoReference No.: 10069

Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: PHY,REP,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

408. Kulshrestha, S. K. and Jauhar, L. (1984). Histochemical Localization of Mucosubstances in the Intestine of *Channa striatus* on Exposure to Sublethal Doses of Sevin and Thiodan. *Int.J.Acad.Ichthyol.* 5: 27-32.

EcoReference No.: 4309

Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

409. Kulshrestha, S. K. and Jauhar, L. (1986). Impairments Induced by Sublethal Doses of Sevin and Thiodan on the Brain of a Freshwater Teleost *Channa striatus* BL. (Channidae). *Acta Hydrochim.Hydrobiol.* 14: 429-432.

EcoReference No.: 12068

Chemical of Concern: CBL,ES; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

410. Kumar, K. and Chapman, R. B. (1984). Sub-lethal Effects of Insecticides on the Diamondback Moth *Plutella xylostella* (L.). *Pestic.Sci.* 15: 344-352 .

EcoReference No.: 72015

Chemical of Concern: CBL,PRM,MTM; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: TARGET(CBL,MTM).

411. Kuwabara, K., Nakamura, A., and Kashimoto, T. (1980). Effect of Petroleum Oil, Pesticides, PCBs and Other Environmental Contaminants on the Hatchability of *Artemia salina* Dry Eggs. *Bull.Environ.Contam.Toxicol.* 25: 69-74.

EcoReference No.: 6548

Chemical of Concern: DS,DZ,HCCH,CBL,DLD,DMT,DDT,FNT,MLN,Captan,ALSV; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

412. Lakshmi, G. V., Bharathi, C., Sandeep, B. V., and Rao, B. V. S. S. R. S (2002). Toxicity of Endosulfan and Carbaryl to a Brackish Water Oligochaete *Pontodrilus bermudensis*. *J.Ecophysiol.Occup.Health* 2: 39-43.

EcoReference No.: 82310

Chemical of Concern: ES,CBL; Habitat: A; Effect Codes: MOR,BEH,PHY; Rejection Code: NO CONTROL(CBL,ES).

413. Lal, O. P. (1975). Insecticidal Sprayings Causing Pollen Sterility in Chinese Cabbage. *Acta Agron.Hung.* 24: 145-147.

EcoReference No.: 40851

User Define 2: WASH,CALF,MED

Chemical of Concern: CBL,DMT,HCCH,MLN,DDT,ES,PRN,PPHD,DDVP,TCF,TXP; Habitat: T; Effect Codes: REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

414. Lange, M., Gebauer, W., Markl, J., and Nagel, R. (1995). Comparison of Testing Acute Toxicity on Embryo of Zebrafish, *Brachydanio rerio* and RTG-2 Cytotoxicity as Possible

Alternatives to the Acute Fish Test. *Chemosphere* 30: 2087-2102.

EcoReference No.: 16033

Chemical of Concern: CBL,MLN,UREA; Habitat: A; Effect Codes: MOR,GRO,PHY;  
Rejection Code: NO IN VITRO(CBL,MLN).

415. Lasat, M. M., Baker, A. J. M., and Kochian, L. V. (1996). Physiological characterization of root Zn<sup>2+</sup> absorption and translocation to shoots in Zn hyperaccumulator and nonaccumulator species of *Thlaspi*. *Plant Physiology*. 112: 1715-1722.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO TOXICANT.

416. Lavy, T. L., Dewell, R. A., Beard, C. R., Mattice, J. D., and Skulman, B. W. (1996). Environmental Implications of Pesticides in Rice Production. *Ark.Agric.Exp.Stn.Res.Ser.* 453: 61-69.

Chemical of Concern: MLT,BMY,CBL,TBC,CBF,MP,DCPA,24DC,BSF,MLN,MCPA,PCZ;  
Habitat: T; Rejection Code: NO SPECIES.

417. Le, D. P., Thirugnanam, M., Lidert, Z., Carlson, G. R., and Ryan, J. B. (1996). RH-2485: A New Selective Insecticide for Caterpillar Control. *In:Proc.Int.Conf.held at Farnham, Surrey: Br.Crop Prot.Conf.* 2: 481-486.

EcoReference No.: 82537

Chemical of Concern: MFZ,CBL,FNV,EFV,CPY,MP,AZ; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: LITE EVAL CODED(MFZ),NO ENDPOINT(FNV),PUBL AS(EFV,MP,CPY),MIXTURE(AZ,TARGET-CBL).

418. LeBerre, R., Philippon, B., Grebaut, S., Sechan, Y., Lenormand, J., Etienne, J., and Garreta, P. (1976). Control of *Simulium damnosum*, the Vector of Human Onchocerciasis in West Africa. I. Supplementary Trials of New Insecticides. *W.H.O.Documentary Series, WHO/VBC/76.614* 18 p.

EcoReference No.: 3725

Chemical of Concern: CBL,MXC,ABT,CPYM; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

419. Lechner, D. W. and Abdel-Rahman, M. S. (1986). Kinetics of Carbaryl and Malathion in Combination in the Rat. *J.Toxicol.Environ.Health* 18: 241-256.

EcoReference No.: 86611

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

420. Lee, C. Y., Lee, L. C., Ang, B. H., and Chong, N. L. (1999). Insecticide Resistance in *Blattella germanica* (L.) (Dictyoptera: Blattellidae) from Hotels and Restaurants in Malaysia. *In: W.H.Robinson, R.Rettich, and G.Rambo (Eds.), Proc.3rd Int.Conf.on Urban Pests, Graficke Zavody Hronov, Czech Republic* 171-182.

EcoReference No.: 77207

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

421. Lee, J. S., Lee, B. G., Yoo, H., Koh, C. H., and Luoma, S. N. (2001). Influence of Reactive Sulfide (AVS) and Supplementary Food on Ag, Cd and Zn Bioaccumulation in the Marine

Polychaete *Neanthes arenaceodentata*. *Mar.Ecol.Prog.Ser.* 216: 129-140.

Chemical of Concern: Ag,Zn,Cd,CBL; Habitat: A; Rejection Code: NO MIXTURE.

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EcoReference No.: 78182

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

423. Li, G. C. and Chen, C. Y. (1981). Study on the Acute Toxicities of Commonly Used Pesticides to Two Kinds of Fish. *K'O Hsueh Fa Chan Yueh K'an* 9: 146-152(CHI)(ENG ABS).

EcoReference No.: 5345

Chemical of Concern: ACR,CBL,ODZ,TBC,DZ,ES,BTC; Habitat: A; Effect Codes: PHY; Rejection Code: NO FOREIGN(ALL CHEMS).

424. Lichtenstein, E. P., Schulz, K. R., Skrentny, R. F., and Tsukano, Y. (1966). Toxicity and Fate of Insecticide Residues in Water. *Arch.Environ.Health* 12: 199-212.

EcoReference No.: 8020

Chemical of Concern: DDT,MP,AZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

425. Lilly, J. H. and Downey, J. E. (1961). Annual Progress Report on Cooperative Project on Effects of Sevin and DDT on Harmful and Beneficial Arthropods of Forests and on Wildlife. *Manuscript, University of Massachusetts, Amherst, MA* 22.

EcoReference No.: 16464

Chemical of Concern: CBL,DDT; Habitat: T; Rejection Code: NOT EcoSSL SPECIES,TARGET(CBL).

426. Lilly, J. H., Mohiyudden, S., Prabhuswamy, H. P., Samuel, J. C., and Shetty, S. V. R. (1969). Effects of Insecticide-Treated Rice Plants and Paddy Water on Vertebrate Animals. *Mysore J.Agric.Res.* 3: 371-379.

EcoReference No.: 37713

Chemical of Concern: DZ,CBL,PRT; Habitat: AT; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

427. Lilly, J. H., Mohiyuddin, S., Prabhuswamy, H. P., Samuel, J. C., and Shetty, S. V. R. (1969). Effects of Insecticide-Treated Rice Plants and Paddy Water on Vertebrate Animals. *Mysore J.Agric.Res.* 3: 371-379.

EcoReference No.: 37713

Chemical of Concern: DZ,CBL,PRT; Habitat: AT; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: MCB,ADC,CBL,MDT,AZ,MLN,PHSL,FMA; Habitat: T; Rejection

Code: NO METHODS(ALL CHEMS).

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- EcoReference No.: 15898  
Chemical of Concern:  
AZ,Captan,CBL,CMPH,HCCH,MLN,Naled,SZ,PNB,ACL,WFN,FUR,DPC,RTN,NaN3,PCP,  
NaPCP,AsAC,ACL,ATZ,Se,Zn,DZ,PYPG; Habitat: A; Effect Codes: MOR,BEH;  
Rejection Code: NO CONTROL(ALL CHEMS).
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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SEDIMENT.
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- EcoReference No.: 72641  
Chemical of Concern: CBL,CPY,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ).
432. Lowe, J. I. (1967). Effects of Prolonged Exposure to Sevin on an Estuarine Fish, *Leiostomus xanthurus* Lacepede . *Bull.Environ.Contam.Toxicol.* 2: 147-155.
- EcoReference No.: 629  
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT(CBL).
433. Lubek, B. M., Kubow, S., Basu, P. K., and Wells, P. G. (1990). Cataractogenicity and Bioactivation of Naphthalene Derivatives in Lens Culture and In Vivo. *In: S.Lerman and R.C.Tripathi (Eds.), Ocular Toxicology, 1st Congr.of the Int.Soc.of Ocular Toxicology, June 7, 1988, Toronto, Ontario, Canada, Marcel Dekker Inc., New York, NY* 203-210.
- EcoReference No.: 83784  
Chemical of Concern: NAPH,CBL; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(NAPH).
434. Lucena, J. J., Hernandez, L. E., Olmos, S., Carpena-Ruiz, R. O., Fragoso, M. A. C., and Van, Beusichem M. L. (1993). Micronutrient content in graminaceous and leguminous plants contaminated with mercury. <Book> developments in plant and soil sciences; optimization of plant nutrition. *Dev.Plant Soil Sci.* 531-537.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: No Mixture-Field, Control, Duration, Concs, Ere,NO MIXTURE,SURVEY.
435. Lucero, H. A., Andreo, C. S., and Vallejos, R. H. (1976). Sulphydryl Groups in Photosynthetic Energy Conservation III. Inhibition of Photophosphorylation in Spinach Chloroplasts by CdCl<sub>2</sub>. *Plant Sci.Lett.* 6: 309-313.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MEDIA, OM, pH,NO IN VITRO.

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- EcoReference No.: 75609  
 Chemical of Concern: BDF,WFN,DFM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,ENDPOINT(DFM).
437. Lupetti, P. , Marsili, L., Focardi, S., and Dallai, R. (1994). Organochlorine Compounds in Litter-Dwelling Arthropods: Collembola (Insecta Apterygota) from Central Italy. *Acta Zool.Fenn.* 94-97.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: No Conc.
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- EcoReference No.: 9125  
 Chemical of Concern: FML,TOL,AN,CBL,BNZ; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(ALL CHEMS).
439. Maas, J. L. (1982). Toxicity of Pesticides. *Rep.No.82, Lab.for Ecotoxicol., Inst.for Inland Water Manag.and Waste Water Treatment* 15: 4 p.(DUT).
- EcoReference No.: 5370  
 Chemical of Concern: DMT,CBL,DZ,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(CBL,DZ,MLN,DMT).
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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SURVEY.
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- EcoReference No.: 46240  
 Chemical of Concern: CBL,HCCH; Habitat: T; Rejection Code: NO FOREIGN.
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- EcoReference No.: 70188  
 Chemical of Concern: SZ,MTL,PHMD,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO FOREIGN.
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- EcoReference No.: 19935  
 Chemical of Concern: CBL,RTN,24DC,DCB,DDT,3CE,4CE,PL; Habitat: A; Effect Codes:

BEH; Rejection Code: NO CONTROL(ALL CHEMS).

444. MacKenzie, K. E. and Winston, M. L. (1989). The Effects of Sublethal Exposure to Diazinon, Carbaryl and Resmethrin on Longevity and Foraging in *Apis mellifera* L. *Apidologie* 20: 29-40.

EcoReference No.: 70542

Chemical of Concern: RSM,DZ,CBL; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(RSM),OK(ALL CHEMS),OK TARGET(DZ).

445. MacPhee, C. and Ruelle, R. (1969). Lethal Effects of 1888 Chemicals upon Four Species of Fish From Western North America. *Bull.No.3, Forest, Wildl.and Range Exp.Stn., Univ.of Idaho, Moscow, ID* 112 p.

EcoReference No.: 15148

Chemical of Concern:

PNB,24DXY,Captan,CBL,DOD,HCCH,MLN,NYP,CST,WFN,FUR,Cu,CuS,NaN3,CuCl,PCP,ACL,ATM,Se,DBAC,Zn,DZ,Pb,DCB,IAA; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: NO CONTROL(ALL CHEMS).

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.

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EcoReference No.: 37794

Chemical of Concern: PCB,DDT,HCCH,DLN,CBL,DZ,CHD,MRX,TCDD,DXN; Habitat: T; Effect Codes: BCM; Rejection Code: No Oral (TRV)//NO RESIDUE//NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: CBL,24DXY; Habitat: A; Rejection Code: NO SPECIES,COC(MTL),NO BACTERIA.

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO DURATION,NO SURVEY.

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EcoReference No.: 79757

Chemical of Concern: AMTR,SZ,ATZ,CBL; Habitat: A; Rejection Code: NO FOREIGN.

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in Streams Receiving Drift from Spraying of Nearby Forests. *In: K.G.Stratton (Ed.), Environ.Monit.Rep.from the 1979 Maine Cooperative Spruce Budworm Suppression Project, Maine Forest Serv., Dep.of Conservation, Augusta, ME 1-300.*

EcoReference No.: 16310

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

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EcoReference No.: 16304

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

453. Maine Forest Serv., Dep. of Conservation (1984). A Study of Leaf-Processing Disruption in Streams Within Spruce Budworm Suppression Project Carbaryl Spray Blocks. *In: K.G.Stratton (Ed.), Environ.Monit.Rep.from the 1983 Maine Spruce Budworm Suppression Project, Maine Forest Serv., Dep.of Conservation, Augusta, ME 1-113.*

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

454. Malley, D. F. (1996). Cadmium Whole-Lake Experiment at the Experimental Lakes Area - An Anachronism. *Can J Fish Aquat Sci* 53: 1862-1870.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

455. Malvisi, J., Zaghini, A., and Stracciari, G. (1992). Carbaryl Distribution in Rabbit Tissues and Body Fluids. *Vet.Hum.Toxicol.* 34: 501-503.

EcoReference No.: 87664

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

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EcoReference No.: 62600

Chemical of Concern:

2INEB,DINO,DCF,Cu,ES,MOM,CBL,FNV,PHSL,CYP,DM,DMT,MLN,CPY,MP,FNTH,DVDP,PPHD,FVL,ACP,MZB,CBD; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,MLN,FVL,CYP,ACP,CBL).

457. Mani, M. and Krishnamoorthy, A. (1996). Response of the Encyrtid Parasitoid, *Tetracnemoidea indica* of the Oriental Mealybug *Planococcus lilacinus* to Different Pesticides. *Indian J.Plant Prot.* 24: 80-85.

EcoReference No.: 67219

Chemical of Concern:

TDF,PPHD,DMT,ES,DDVP,FNV,CYP,DM,MP,FNTH,MLN,PHSL,CBL,FVL,CPY,AZD,FS TAI,Captan,Ziram,MZB,DINO,Cu,CTN,DCF; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(MLN,CBL).

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4: 123-135 (RUS).

EcoReference No.: 72441

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

459. Mansour, S. A. (1987). Is it Possible to Use the Honey Bee Adult as a Bioindicator for the Detection of Pesticide Residues in Plants? *Acta Biol.Hung.* 38: 69-76.

EcoReference No.: 67982

Chemical of Concern: MOM,CBL,PIRM,FNT,CPY,DCF,FNV,PPX,DZ; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: NO DURATION,ENDPOINT(DZ),NO ENDPOINT(MOM),TARGET(CBL).

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EcoReference No.: 35334

Chemical of Concern: CBL,FNV,PIRM,PPX,FNT,CPY,MOM,DCF,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(DZ,MOM),OK TARGET(PPX,CBL,FNT,CPY,PIRM,DCF,FNV).

461. Marking, L. L., Bills, T. D., and Crowther, J. R. (1984). Effects of Five Diets on Sensitivity of Rainbow Trout to Eleven Chemicals. *Prog.Fish-Cult.* 46: 1-5 .

EcoReference No.: 10656

Chemical of Concern: CI,TFM,CBL,PMR,ATM,MLN,CN,CuS,RTN,Cu; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),LITE EVAL CODED(OW-TRV-Cu).

462. Marletto, F., Patetta, A., and Manino, A. (2003). Laboratory Assessment of Pesticide Toxicity to Bumblebees. *Bull.Insectology* 56: 155-158.

EcoReference No.: 73698

Chemical of Concern: MOM,IMC,LCYT,CYF,DMT,AV,ACP,CBL,CPYM,PSPL; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(ACP,CBL).

463. Marsh, J. A. P. and Davies, H. A. (1978). The Effect of Herbicides on Respiration and Transformation of Nitrogen in Two Soils. III. Lenacil, Terbacil, Chlorthiamid and 2,4,5-T. *Weed Res.* 18: 57-62.

Chemical of Concern: TRB,CBL; Habitat: T; Rejection Code: NO SPECIES.

464. Martinek, V. and Svestka, M. (1968). Recent Experience in the Check and Control of Nun Moth *Lymantria-monacha* in the USSR (Die Neuesten Eriahrungen mit der Kontrolle und Bekämpfung der Nonne *Lymantria monacha* L. in der CSSR). *Centralbl.Gesamte Forstwes.* 85: 129-141 (GER).

EcoReference No.: 46104

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

465. Martinez-Tabche, L., German-Faz, C., Ramirez-Mora, B., and Galar-Castelan, I. (1995). Effect of Carbaryl and Lead on Phenols Chlorophyll and Proteins of the Microalga *Ankistrodesmus falcatus*. *Rev.Latinoam.Microbiol.* 37: 93-99 (SPA) (ENG ABS).

EcoReference No.: 18576

Chemical of Concern: CBL,Pb; Habitat: A; Effect Codes: BCM; Rejection Code: NO



FOREIGN(ALL CHEMS).

466. Marzouk, S. A. and El-Gendy, K. S. (1998). Some Biological Effects of the Insecticide Carbaryl on Mice. *Toxicol.Lett.* 95: 144.  
Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ABSTRACT(CBL).
467. Mason, A. Z., Jenkins, K. D., and Sullivan, P. A. (1988). Mechanisms of Trace Metal Accumulation in the Polychaete *Neathes arenaceodentata*. *J Mar Biol Assoc U K* 68: 61-80.  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE.
468. Matthewson, M. D., Wilson, R. G., and Hammant, C. A. (1976). The Development of Resistance to Certain Organophosphorus and Carbamate Ixodocides by the Blue Tick, *Boophilus decoloratus* (Koch) (Acarina, Ixodidae), in Rhodesia. *Bull.Entomol.Res.* 66: 553-560.  
EcoReference No.: 72642  
Chemical of Concern: PSM,ETN,CBL,CMPH,CPY,DZ,DCTP; Habitat: T; Effect Codes: MOR; Rejection Code: NO DURATION(ALL CHEMS),NO COC(MTAS).
469. Mayer, F. L. Jr. (1974). Pesticides as Pollutants. In: *B.G.Liptak (Ed.), Environmental Engineer's Handbook*, Chilton Book Co., Radnor, PA 405-418 (Publ in Part As 6797).  
EcoReference No.: 70421  
Chemical of Concern: AND,CHD,DDT,DLN,ES,EN,HPT,TXP,DZ,CPY,PRN,CBL,ACL,ATZ,Cu,EDT,SZ,As,AZ,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
470. Mayer, F. L. Jr. and Ellersieck, M. R. (1988). Experiences with Single-Species Tests for Acute Toxic Effects on Freshwater Animals. *Ambio* 17: 367-375 .  
EcoReference No.: 20679  
Chemical of Concern: EDT,TXP,CBL,DDT,CPY,EN,CLD; Habitat: A; Rejection Code: NO REVIEW,NO REFS CHECKED.
471. Mazuranich, P. C. and Onsager, J. A. (1986). Laboratory Insecticide Bioassays, M. Sanguinipes, Bozeman, Montana, 1977-1984. *Insectic.Acaric.Tests* 11: 308.  
EcoReference No.: 88040  
Chemical of Concern: TDC,CBF,MLN,CBL,CYF; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-CBL,MLN,TDC).
472. McCracken, N. W., Blain, P. G., and Williams, F. M. (1993). Nature and Role of Xenobiotic Metabolizing Esterases in Rat Liver, Lung, Skin and Blood. *Biochem.Pharmacol.* 45: 31-36.  
Chemical of Concern: CBL,FZFB; Habitat: T; Rejection Code: NO IN VITRO(ALL CHEMS).
473. McKim, J. M. (1977). The Use of Embryo-Larval, Early Juvenile Toxicity Tests with Fish for Estimating Long-Term Toxicity. *J.Fish.Res.Board Can.* 34: 21 p.  
EcoReference No.: 87542  
Chemical of Concern: TFN,ACL,TXP,ES,HPT,MLN,HCCH,AZ,EN,DZ,CBL,Captan,ATZ,PCB,Cl,Hg,Zn,Ni,Pb,Cr,Cu,Cd; Habitat: A; Rejection Code: NO REVIEW.

474. Megharaj, M., Rao, A. P., Rao, A. S., and Venkateswarlu, K. (1990). Interaction Effects of Carbaryl and Its Hydrolysis Product, 1-Naphthol, Towards Three Isolates of Microalgae from Rice Soil. *Agric.Ecosyst.Environ.* 31: 293-300.
- EcoReference No.: 88394  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,BCM,PHY; Rejection Code: NO ENDPOINT(CBL).
475. Megharaj, M., Venkateswarlu, K., and Rao, A. S. (1989). The Use of Unicellular Soil Green Algae for Insecticide Bioassay. *J.Microbiol.Methods* 10: 119-122.
- EcoReference No.: 75296  
 Chemical of Concern: CYP,FNV,CBF,CBL; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
476. Mehta, R. S. and Hawxby, K. W. (1979). Effects of Simazine on the Blue-Green Alga *Anacystis nidulans*. *Bull.Environ.Contam.Toxicol.* 23: 319-326.
- EcoReference No.: 6870  
 Chemical of Concern: SZ,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(SZ).
477. Menzer, R. E. and Ditman, L. P. (1968). Residues in Spinach Grown in Disulfoton- and Phorate-Treated Soil. *J.Econ.Entomol.* 61: 225-229.
- EcoReference No.: 46437  
 Chemical of Concern: DS,PRT,CBL; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).
478. Merino, G., Vazquez, V., and Soria, S. (1968). Efficacy of 9 Insecticides in the Fight Against *Epitrix* sp. in Potato Plantations in Ecuador. *Turrialba* 18: 68-70.
- EcoReference No.: 52174  
 Chemical of Concern: CBL,DZ,MLN; Habitat: T; Rejection Code: Not Ecossl Species//TARGET(MLN,DZ,CBL).
479. Merriam, T. L. and Axtell, R. C. (1983). Relative Toxicity of Certain Pesticides to *Lagenidium giganteum* (Oomycetes: Lagenidiales), a Fungal Pathogen of Mosquito Larvae. *Environ.Entomol.* 12: 515-521.
- EcoReference No.: 66427  
 Chemical of Concern: MTPN,ACR,CPY,FNTH,MLN,TMP,DFZ,Captan,ATZ,DDT,HCCH,CBL,PPX,PMR,TXP; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(ATZ).
480. 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(DZ),OK(ALL CHEMS).
481. Miller, P. M. (1967). Stimulating Emergence of Larvae of *Heterodera tabacum* with Fungicides. *Plant Dis.Rep.* 51: 202-206.
- EcoReference No.: 72392

Chemical of Concern: CuS,Zn,Nabam,Maneb,MXC,PNB,Captan,CBL; Habitat: T; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT(CBL).

482. Mishra, D. P., Singh, R. L., and Gupta, R. K. (1992). Pesticide Induced Response in Maize Chloroplast Lipids. *Photosynthetica* 26: 441-444.
- EcoReference No.: 44272  
Chemical of Concern: ES,CBF,SZ,CBL  
User Define 2: REPS,WASH,CALF,CORE,SENT; Habitat: T; Effect Codes: BCM;  
Rejection Code: NO ENDPOINT(ALL CHEMS).
483. Mitsunashi, J., Grace, T. D. C., and Waterhouse, D. F. (1970). Effects of Insecticides on Cultures of Insect Cells. *Entomol.Exp.Appl.* 13: 327-341 .
- EcoReference No.: 2797  
Chemical of Concern:  
CBL,DZ,HCCH,MLN,PPB,PYN,RTN,ATN,AND,DDT,DLD,MXC,As  
; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
484. Miyashita, K., Tachibana, S., Soma, E., and Nakajima, F. (1966). Studies on Chemical Thinning of Apples. I. Effect of Sevin (1-Naphthyl N-Methylcarbamate) on Thinning Leading Apple Varieties . *Res.Bull.Hokkaido Natl.Agric.Exp.Stn.* 89: 1-14 (JPN) (ENG ABS).
- EcoReference No.: 28068  
Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.
485. Mohamed, A. K. A., Pratt, J. P., and Nelson, F. R. S. (1987). Compatibility of Metarhizium anisopliae var. anisopliae with Chemical Pesticides. *Mycopathologia* 99: 99-105.
- EcoReference No.: 70030  
Chemical of Concern:  
MTPN,CPY,Zineb,Maneb,BMY,CHD,TXP,MOM,CBF,CBL,DZ,TMP,FNTH,RSM;  
Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).
486. Mora, M. A., Auman, H. J., Ludwig, J. P., Giesy, J. P., Verbrugge, D. A., and Ludwig, M. E. (1993). Polychlorinated Biphenyls and Chlorinated Insecticides in Plasma of Caspian Terns: Relationships with Age, Productivity, and Colony Site Tenacity in the Great Lakes. *Arch.Environ.Contam.Toxicol.* 24: 320-331.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE,CONC,SURVEY.
487. Moran, S. and Sofer, S. (1995). The Toxicity of Difenacoum and Difethialone to the Rock Hyrax, *Procavia capensis* . *Pestic.Sci.* 44: 305-307.
- EcoReference No.: 75485  
Chemical of Concern: DFT,DFM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
488. Moreland, D. E. (1999). Biochemical Mechanisms of Action of Herbicides and the Impact of Biotechnology on the Development of Herbicides. *J.Pestic.Sci.* 24: 299-307.
- EcoReference No.: 70107  
Chemical of Concern: SZ,HCCH,ATZ,PL,DDT,PCP,CBL,24DXY,SXD,IZP,DMB; Habitat: T; Rejection Code: NO REVIEW.
489. Moreland, D. E. and Novitzky, W. P. (1984). Interference by DDT and Cyclodiene Types of

Insecticides with Chloroplast-Associated Reactions (Spinach, Spinacea oleracea). *Chem.-Biol.Interact.* 48: 153-168.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.

490. Morgan, J. E., Richards, S. P. G., and Morgan, A. J. (2001). Stable Strontium Accumulation by Earthworms: A Paradigm for Radiostrontium Interactions with Its Cationic Analogue, Calcium. *Environ.Toxicol.Chem.* 20: 1236-1243.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO DURATION,SURVEY.

491. Morgan, W. S. G. (1975). Monitoring Pesticides by Means of Changes in Electric Potential Caused by Fish Opercular Rhythms. *Prog.Water Technol.* 7: 33-40 (Author Communication Used).

EcoReference No.: 8151

Chemical of Concern: PRN,CHD,CBL; Habitat: A; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

492. 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,T  
CF,CYP,ES,SS,IMC,FVL,PMR,CBL,MOM,ALP,FNT,MDT,CPY,FF,DZ,BFT; Habitat: T;  
Effect Codes: MOR; Rejection Code: TARGET(DZ).

493. Morison, R. (1984). The Acute Sublethal Effects of the Pesticides Carbaryl and Malathion on Partial Ethograms of the Yellow Bullhead (Ictalurus natalis (Lesueur)). *Ph.D.Thesis, University of Tennessee, Knoxville, TN* 435 p.

EcoReference No.: 9103

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

494. Moscioni, A. D., Engel, J. L., and Casida, J. E. (1977). Kynurenine Formamidase Inhibition as a Possible Mechanism for Certain Teratogenic Effects of Organophosphorus and Methylcarbamate Insecticides in Chicken Embryos. *Biochem.Pharmacol.* 26: 2251-2258.

EcoReference No.: 38043

Chemical of Concern:

DCTP,DZ,CBL,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP;  
Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL  
CODED(DZ,CBL),NO  
ENDPOINT(DCTP,PIRM,PPHD,MTM,PRN,PRT,MP,CMPH,MVP,MLN,DMT,DDVP).

495. Moser, V. C. (1995). Comparisons of the Acute Effects of Cholinesterase Inhibitors Using a Neurobehavioral Screening Battery in Rats. *Neurotoxicol.Teratol.* 17: 617-625.

EcoReference No.: 83781

Chemical of Concern: ADC,DZ,CBL,PRN,CPY,FNTH; Habitat: T; Effect Codes:  
BEH,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

496. Mostert, M. A., Schoeman, A. S., and Van der Merwe, M. (2002). The Relative Toxicities of

Insecticides to Earthworms of the Pheretima Group (Oligochaeta). *Pest Manag.Sci.* 58: 446-450.

EcoReference No.: 66555

Chemical of Concern: CYF,IMC,CPY,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYF),OK(IMC,CPY,CBL),NO ENDPOINT(FPN).

497. Mueller, H., Meisel, S., Graller, P., Kahr, G., and Ninaus, W. (1991). Verteilung Und Wanderung Von Radionukliden In Boeden Und Deren Aufnahme In Pflanzen Nach Dem Reaktorunfall In Tschernobyl. (Distribution And Migration Of Radionuclides In Soils And Their Uptake In Plants After The Chernobyl Reactor Accident). *Gov.Rep.Announce.Index.*

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO SPECIES.

498. Mulla, M. S., Norland, R. L., Fanara, D. M., Darwazeh, H. A., and McKean, D. W. (1971). Control of Chironomid Midges in Recreational Lakes. *J.Econ.Entomol.* 64: 300-307.

EcoReference No.: 5158

Chemical of Concern: ABT,EPRN,HCCH,MP,CBF,FNTH,CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

499. Mulla, M. S., Norland, R. L., Westlake, W. E., Dell, B., and St.Amant, J. (1973). Aquatic Midge Larvicides, Their Efficacy and Residues in Water, Soil, and Fish in a Warm-Water Lake. *Environ.Entomol.* 2: 58-65.

EcoReference No.: 4277

Chemical of Concern: CBL,CPY,FNT; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(CBL).

500. Muller, G. (1972). Changes in the Beetle Fauna of the Upper Surface of the Soil of Cultivated Fields After Application of Herbicides (Coleoptera) (Die Veranderungen der Koleopterenfauna der Bodenoberflache von Kulturfeldern nach Herbizideinsatz (Col.)). *Folia Entomol.Hung.* 25: 297-305 (HUN).

EcoReference No.: 72195

Chemical of Concern: ATZ,CBL; Habitat: T; Rejection Code: NO FOREIGN.

501. Munn, M. D. and Gilliom, R. J. (2001). Pesticide Toxicity Index for Freshwater Aquatic Organisms. *Water-Resour.Investig.Rep.No.01-4077, U.S.Geol.Surv., Sacramento, CA* 1-55.

Chemical of Concern:

MCPB,CBL,CPY,DZ,MLN,ACR,ATZ,BFL,BTY,CZE,LNR,MTL,MBZ,PDM,PRO,SZ,TET,TFN; Habitat: A; Rejection Code: NO REVIEW,REFS CHECKED.

502. Murakami, M. and Fukami, J. I. (1986). Relationship Between Specific Molecular Connectivity Indices and Teratogenicity, Carcinogenicity, and Mutagenicity of Carbamate Pesticides. *Bull.Environ.Contam.Toxicol.* 37: 326-329.

Chemical of Concern: MOM,CBF,ADC,CBL,BMY,PPX,TRL; Habitat: T; Rejection Code: NO CONC,NO DURATION.

503. Murray, H. E. and Guthrie, R. K. (1980). Effects of Carbaryl, Diazinon and Malathion on Native Aquatic Populations of Microorganisms. *Bull.Environ.Contam.Toxicol.* 24: 535-542.

EcoReference No.: 6587

Chemical of Concern: CBL,DZ,MLN; Habitat: A; Effect Codes: PHY,POP; Rejection

Code: OK(CBL,MLN),NO ENDPOINT(DZ).

504. Murugesan, K. and Dhingra, S. (1995). Variability in Resistance Pattern of Various Groups of Insecticides Evaluated Against *Spodoptera litura* (Fabricius) During a Period Spanning Over Three Decades. *J.Entomol.Res.(New Delhi)* 19: 313-319.

Chemical of Concern:

DM,LCYT,CYP,FNV,FPP,MP,CPY,PPHD,ES,MLN,FNT,HCCH,FNTH,DMT,CBL;

Habitat: A; Rejection Code: NO CONC.

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

EcoReference No.: 2798

Chemical of Concern: AZ,CBL,CPY,HCCH,MLN,MP; Habitat: A; Effect Codes: MOR;

Rejection Code: NO ENDPOINT(AZ),LITE EVAL CODED(CBL).

506. Narayanan, K. S. and Chaudhuri, R. K. (1992). Emulsifiable Concentrate Formulations for Multiple Active Ingredients Using N-Alkylpyrrolidones. In: *L.E.Bode and D.G.Chasin (Eds.), Pesticide Formulations and Application Systems, ASTM STP 1112, Philadelphia, PA* 11: 73-96.

Chemical of Concern: MTL,ATZ,CBL,DU,MTL,PDM,TDZ; Habitat: T; Rejection Code: NO SPECIES, TOX DATA.

507. National Library of Medicine (1989). TOXLINE Search on Saltwater, Freshwater, Bioconcentration and Carbaryl. <http://toxnet.nlm.nih.gov> 11 p.

EcoReference No.: 67313

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

508. Navas, J. M. and Segner, H. (1998). Antiestrogenic Activity of Anthropogenic and Natural Chemicals. *Environ.Sci.Pollut.Res.* 5: 75-82.

EcoReference No.: 82896

Chemical of Concern: OML,MOM,CBL,PPX,ADC,ES,PAH,PCB,TCDD; Habitat: AT;

Rejection Code: NO REVIEW,COC(ASCN).

509. Nayak, M. K., Collins, P. J., and Kopittke, R. A. (2003). Residual Toxicities and Persistence of Organophosphorus Insecticides Mixed with Carbaryl as Structural Treatments Against Three Liposcelid Psocid Species (Psocoptera: Liposcelididae) Infesting Stored Grain. *J.Stored Prod.Res.* 39: 343-353.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE.

510. Neil, K. A., Gaul, S. O., and McRae, K. B. (1997). Control of the English Grain Aphid [*Sitobion avenae* (F.)] (Homoptera: Aphididae) and the Oat-Birdcherry Aphid [*Rhopalosiphum padi* (L.)] (Homoptera: Aphididae) on Winter Cereals. *Can.Entomol.* 129: 1079-1091.

EcoReference No.: 63983

Chemical of Concern:

MCPP1,DMB,24DXY,MCPA,DMT,CBL,MZB,TDF,PCZ,CQTC,EPH,BMN,PIM; Habitat:

T; Effect Codes: REP,MOR,POP; Rejection Code: LITE EVAL

CODED(DMT,PCZ,DMB,TDF),NO

MIXTURE(MCPP1),OK(44DXY,MCPA,MZB,EPH,BMN,PIM),OK TARGET(CQTC,CBL).

511. Neuberger, C. L. and Aчитув, Y. (1990). Effects of Sublethal and Lethal Concentrations of Zn and Cd, on the Burrowing Behavior, Respiration and Ammonium - Excretion of *Donax trunculus* (Bivalvia-Donacidae). *12th Annu.Conf.on Physiological and Biochemical Approaches to the Toxicological Assessment of Environmental Pollution, Aug.27-31, Utrecht, Netherlands.*
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SOURCE.
512. Neuhold, J. M. (1987). The Relationship of Life History Attributes to Toxicant Tolerance in Fishes. *Environ.Toxicol.Chem.* 6: 709-716.
- EcoReference No.: 68899  
Chemical of Concern:  
BNZ,CBL,Se,DDT,AND,NH,ATZ,CHD,Cu,DLD,ES,EN,HPT,HCCH,PRN,PCP,TXP,Zn;  
Habitat: A; Rejection Code: NO REVIEW,NO REFS CHECKED.
513. Nielsen, D. G., Dunlap, M. J., and Purrington, F. F. (1988). Evaluation of BT-Pyrenone Against Gypsy Moth Larvae on Red Oak, Wooster, Ohio, 1986. *Insectic.Acaric.Tests* 13: 379 (No. 16H).
- EcoReference No.: 88822  
Chemical of Concern: CBL; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: NO ENDPOINT(TARGET-CBL).
514. Nishiuchi, Y. (1976). Toxicity of Formulated Pesticides to Some Fresh Water Organisms. XXXIX. *The Aquiculture (Suisan Zoshoku)* 24: 102-105 (JPN).
- EcoReference No.: 7874  
Chemical of Concern: CBL,PCP; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.
515. Nishiuchi, Y. (1977). Toxicity of Formulated Pesticides to Some Freshwater Organisms. XXXXV. *The Aquiculture (Suisan Zoshoku)* 25: 105-107 (JPN).
- EcoReference No.: 7595  
Chemical of Concern: CBL,NaPCP; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).
516. Nishiuchi, Y. (1972). Toxicity of Pesticides to Some Water Organisms. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 12: 122-128 (JPN) (ENG TRANSL).
- EcoReference No.: 10258  
Chemical of Concern:  
3CE,AC,AMTL,AMTR,AND,As,ATZ,BMC,BS,Captan,CBL,CPA,CPY,CTN,Cu,DBN,DCP  
A,DDT,DDVP,DLD,DMB,DMT,DPA,DSMA,DU,DZ,EDB,EDC,EN,EPTC,ES,ETN,Fe,FLA  
C,FML,FNT,FNTH,HCCH,Hg,HPT,LNR,MCAP,MCPB,MCPPI,MDT,MLN,MOM,MP,MT  
AS,NALED,Ni,NTCN,OPHP,Pb,PCB,PCP,PCZ,PEB,PHMD,PHSL,PHTH,PMT,PNB,PPX,P  
PZ,PRN,PSM,PYN,SFL,SID,STREP,SZ,TBC,TFN,THM,TPE,TPH,TPM,TRN,Zn; Habitat:  
A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS)//NO RESIDUE.
517. Nishiuchi, Y. and Asano, K. (1981). Comparison of Pesticide Susceptibility of Colored Carp with Japanese Common Carp. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 21: 61-63 (JPN) (ENG ABS).
- EcoReference No.: 15570  
Chemical of Concern: CBL,DZ,MLN,PSM,NaPCP,ETN,FNT; Habitat: A; Effect Codes:

MOR; Rejection Code: NO FOREIGN.

518. 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: NO FOREIGN(ALL CHEMS).

519. Nishiuchi, Y. and Hashimoto, Y. (1967). Toxicity of Pesticide Ingredients to Some Fresh Water Organisms. *Sci.Pest Control (Botyu-Kagaku)* 32: 5-11 (JPN) (ENG ABS) (Author Communication Used).

EcoReference No.: 15192

Chemical of Concern:

ATZ,Captan,CBL,CTN,DBN,DMB,DMT,DU,DZ,HCCH,LNR,MLN,MP,PMT,PSM,SZ,24D XY,MCPB,NaPCP,PPZ,ZIRAM,PRN,MP,MLN,ETN,DDT,DLD,MCPA,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).

520. Nishiuchi, Y. and Yoshida, K. (1972). Toxicities of Pesticides to Some Fresh Water Snails. *Bull.Agric.Chem.Insp.Stn.* 12: 86-92 (JPN) (ENG ABS) (ENG TRANSL) (Author Communication Used).

EcoReference No.: 9158

Chemical of Concern:

AMTR,AND,CBL,CTN,CuOH,CuS,CZE,DCF,DDT,DDVP,DEM,DINO,DMT,DOD,DZ,EN, ES,ETN,FNT,Folpet,HCCH,MDT,MOM,MP,NPH,PAQT,PCP,PEB,PHMD,PHSL,PPN,PRN ,PYN,RTN,TBC,TCF,TDE,TFN,Zineb,Ziram,Zn; Habitat: A; Effect Codes: PHY,GRO; Rejection Code: NO FOREIGN,CONTROL(ALL CHEMS).

521. Noddegard, E., Hansen, T., and Rasmussen, A. N. (1970). Testing of Fungicides and Insecticides in 1969. *Tidsskr.Planteavl* 74: 618-661.

EcoReference No.: 89085

Chemical of Concern: MZB,DDVP,CBL,DZ,Captan,MOM,PHSL,AZ,BMY,CAP; Habitat: T; Rejection Code: NO FOREIGN(ALL CHEMS).

522. Noetzel, D. (1988). Control of Striped Cucumber Beetle in Muskmelon, 1987. *Insectic.Acaric.Tests* 13: 105-106 (No. 26E).

Chemical of Concern: CBF,CBL,MXC,PMR; Habitat: T; Rejection Code: NO DURATION(CBF,MXC,PMR-TARGET-CBL).

523. Noetzel, D. (1988). Furadan for Control of Striped Cucumber Beetle, 1987. *Insectic.Acaric.Tests* 13: 121-122 (No. 51E).

Chemical of Concern: CBL,CBF; Habitat: T; Rejection Code: NO DURATION(CBF,TARGET-CBL).

524. Noetzel, D., Ricard, M., and Heuser, L. (1992). Grasshopper Control in Barley, 1991. *In: A.K.Burditt,Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 184-185.

EcoReference No.: 79760

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



525. 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(EFV,CYF,BFT,ACP,CBL).
526. Noetzel, D., Ricard, M., and Holder, B. (1992). Control of Flea Beetle in Canola, Trial I, 1991. *In: A.K.Burditt, Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD 191.*
- EcoReference No.: 79290  
 Chemical of Concern: TBO,CBF,EFV,MP,CBL,ES; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV).
527. Noetzel, D., Ricard, M., and Roman, H. (1988). Furadan Soil Treatment vs. Furadan Soil Treatment Plus Sevin XLR for Flea Beetle Control in Canola, 1987. *Insectic.Acaric.Tests* 13: 196 (No. 31F).
- EcoReference No.: 88851  
 Chemical of Concern: CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBF),NO MIXTURE(TARGET-CBL).
528. Noetzel, D. and Roman, H. (1992). Counter Soil Systemic Plus Foliar Control of Flea Beetle, 1989. *In: A.K.Burditt, Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD 189.*
- EcoReference No.: 79808  
 Chemical of Concern: TBO,EFV,CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV).
529. Noetzel, D. and Roman, H. (1992). Flea Beetle Control in Canola, 1989. *In: A.K.Burditt, Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD 189-190.*
- EcoReference No.: 79807  
 Chemical of Concern: TBO,EFV,CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV).
530. 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(CYF).
531. Noetzel, D. and Sheets, B. (1992). Foliar Insect Control in Lupin, 1991. *In: A.K.Burditt, Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD 241.*
- EcoReference No.: 79805  
 Chemical of Concern: CBF,EFV,ES,CYH,CBL,DMT; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV).

532. Nollenberger, E. L. (1981). Toxicant-Induced Changes in Brain, Gill, Liver, and Kidney of Brook Trout Exposed to Carbaryl, Atrazine, 2,4-Dichlorophenoxyacetic Acid, and Parathion: A Cytochemical Study. *Ph.D.Thesis, Pennsylvania State Univ., University Park, PA* 213 p.
- EcoReference No.: 72745  
 Chemical of Concern: ATZ,CBL,24DXY,PRN; Habitat: A; Effect Codes: PHY,CEL,BCM,BEH; Rejection Code: LITE EVAL CODED(ATZ),OK(ALL CHEMS) .
533. Nollenberger, E. L., Neff, W., and Anthony, A. (1981). Cytochemical Analysis of Brain Nucleic Acid Changes in Brook Trout (*Salvelinus fontinalis*) Exposed to Carbaryl and Parathion Toxication . *In: 57th Annu.Meet.of the Pa.Acad.of Sci., Apr.5-7, 1981, Lancaster, PA, Proc.Pa.Acad.Sci.* 55: 97 (ABS).
- EcoReference No.: 65536  
 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABS,NO ABSTRACT.
534. Nolte, T., Harleman, J. H., and Jahn, W. (1995). Histopathology of Chemically Induced Testicular Atrophy in Rats. *Exp.Toxicol.Pathol.* 47: 267-286 .
- EcoReference No.: 70475  
 Chemical of Concern: PNB,PHTH,TCDD,DXN,TOL,Cd,DDT,Cr,Al,As,Co,Pb,Hg,Mo,Ni,Ag,VYL,PAH,BNZ,HCC H,CBL,AND,CHD,DLD; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
535. Norris, L. A., Lorz, H. W., and Gregory, S. V. (1991). Forest Chemicals. *In: W.R.Meehan (Ed.), Am.Fish.Soc.Spec.Publ.No.19, Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats, Chapter 7, Am.Fish.Soc., Bethesda, MD* 207-296.
- EcoReference No.: 77470  
 Chemical of Concern: DMB,AMTL,ATZ,AZ,CBL,CBF,DDT,DMB,GYP,HCCH,HXZ,MLN,MXC,PCZ,SZ,TXP,24 DXY; Habitat: AT; Rejection Code: NO REVIEW.
536. Nunes, G. S., Skladal, P., Yamanaka, H., and Barcelo, D. (1998). Determination of Carbamate Residues in Crop Samples by Cholinesterase-Based Biosensors and Chromatographic Techniques. *Anal.Chim.Acta* 362: 59-68.
- Chemical of Concern: ADC,CBF,MOM,CBL,PPX; Habitat: T; Rejection Code: NO IN VITRO,DURATION.
537. Nwoga, J. and Bittar, E. E. (1991). An Investigation of the Sensitivity of the Ouabain-Insensitive Sodium Efflux in Single Barnacle Muscle Fibers to Pentachlorophenol. *Toxicol.Appl.Pharmacol.* 108: 330-341.
- Chemical of Concern: PCP,CBL; Habitat: A; Rejection Code: NO IN VITRO.
538. O'Brien, K. A. F., Smith, L. L., and Cohen, G. M. (1985). Differences in Naphthalene-Induced Toxicity in the Mouse and Rat. *Chem.Biol.Interact.* 55: 109-122.
- EcoReference No.: 83771  
 Chemical of Concern: NAPH,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
539. Oaks, J. L., Gilbert, M., Virani, M. Z., Watson, R. T., Meteyer, C. U., Rideout, B. A., Shivaprasad, H. L., Ahmed, S., Chaudhry, M. J. I., Arshad, M., Mahmood, S., Ali, A., and

Khan, A. A. (2004). Diclofenac Residues as the Cause of Population Decline of Vultures in Pakistan: Supplementary Information. *www.nature.com/nature* 13 p.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO PUBL AS.

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EcoReference No.: 344

Chemical of Concern:

4AP,24DXY,ACL,ACP,ACR,Ag,AKTMD,ALSV,APAC,AQS,AsAC,ASCN,ATM,ATN,ATZ,AZ,BBN,BDF,BFT,BMC,BML,BMN,Br2,BrCl,BRSM,BS,BT,CaPS,Captan,CBF,CBL,CFE,CFE,CFRM,CLNB,CLP,CMPH,CPC,CPY,CQTC,CrACCTN,CTZ,Cu,CuFRA,CuO,CuOT,CuTE,CuS,CYD,CYF,CYP,CYT,DBN,DCNA,DBAC,DDAC,DFT,DFZ,DIIS,DKGNa,DM,DMB,DMM,DMP,DMT,DOD,DPC,DPDP,DPP1,DPP2,DS,DSP,DU,DZ,DZM,EFL,EFS,EFV,EP,FHX,FAME,FMP,FO,Folpet,FPN,FPP,FTN,FVL,GTN,GYP,HCCH,HXZ,IGS,IODN,I PD,IZP,KMFD,LNR,MAL,MB,MBZ,MCPP1,MCPP2,MDT,MFDD,MFX,MFZ,MGK,MLN,MLT,MOM,MP,MTC,MTL,MTM,NAA,NaBr,Naled,NAPH,NFZ,NPP,NTP,OTN,OXF,OXT, OYZ,PCP,PCZ,PDM,PEB,PHMD,PMR,PMT,PNB,PPB,PPG,PPMH,PPZ,PQT,PRB,PRT,PSM,PYN,PYZ,RSM,RTN,SMM,SMT,SS,SXD,SZ,TBC,TBD,TCMTB,TDC,TDF,TDZ,TET,T FN,TFR,TMT,TPR,TRB,WFN,ZnP,PRO; Habitat: AT; Effect Codes: MOR,POP,PHY,GRO,REP; Rejection Code: NO EFED (344).

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO TOXICANT.

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Chemical of Concern: SZ,CBL,DZ,ES,HCCH,PRN,CQTC,MTAS,MANEB; Habitat: T; Rejection Code: NO DURATION(ALL CHEMS).

543. Osterloh, J., Letz, G., Pond, S., and Becker, C. (1983). An Assessment of the Potential Testicular Toxicity of 10 Pesticides Using the Mouse-Sperm Morphology Assay. *Mutat.Res.* 116: 407-415.

EcoReference No.: 74322

Chemical of Concern: ATZ,MLT,DPDP,BMY,CBL; Habitat: T; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(ATZ),OK(MLT,PCP,DPDP),NO ENDPOINT(CBL,BMY).

544. Ostlie, K. R. (1992). Insecticide Performance Against First-Generation European Corn Borer-Liquids vs Granules, 1991. In: A.K.Burditt,Jr.(Ed.), *Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 215-216.

EcoReference No.: 79800

Chemical of Concern: BFT,MP,CBF,CYF,FNF,CPY,EFV,DZ,CBL,PMR,LCYT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BFT,CYF,EFV),OK(ALL CHEMS),OK TARGET(DZ).

545. Owen, B. B. Jr. (1967). Aquatic Insect Populations Reduced by Aerial Spraying of Insecticide Sevin. *Proc.Pa.Acad.Sci.* 40: 63-69.
- EcoReference No.: 13587  
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(CBL).
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- EcoReference No.: 18621  
 Chemical of Concern: ACR,ATZ,AZ,CBF,CBL,DMT,FMP,HCCH,MLT,MOM,MP,Cd,ADC,DDT,MXC,OML,TB C,CuCl,Cr,PPX,Zn,Hg; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ATZ,MLT,CBF,ADC,MOM,DMT,CuCl),OK(ALL CHEMS).
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- EcoReference No.: 78294  
 Chemical of Concern: ATZ,PRN,DZ,Captan,CBL,MLN,24DXY,TXP,MXC; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS) .
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- EcoReference No.: 75575  
 Chemical of Concern: BDF,WFN,DFM,CBL; Habitat: T; Rejection Code: NO MIXTURE.
549. Parveen, A. and Vasantha, N. (1994). Evaluation of Pesticides and Impact of Endosulfan on Respiratory Metabolism of Fish *Clarias batrachus*. *Indian J.Comp.Physiol.* 12: 83-89.
- EcoReference No.: 88885  
 Chemical of Concern: DEM,ES,CBL; Habitat: A; Effect Codes: MOR,BCM,PHY; Rejection Code: NO COC(OXD),OK(ES),NO CONTROL(DEM,CBL).
550. Patil, N. M., Ghule, B. D., Dhumal, V. S., and Deokar, A. B. (1992). Losses in Seed Yield of *Sesamum* Caused by the Major Insect-Pests. *J.Maharashtra Agric.Univ.* 17: 479.
- EcoReference No.: 75150  
 Chemical of Concern: ES,CBL; Habitat: T; Rejection Code: NO MIXTURE,ENDPOINT(ES,CBL).
551. Patrick, S. (2004). Marine Invertebrate Cholinesterases: Utilization as Biomarkers of Pesticide Contamination . *Toxicology* 1: 145-151.
- EcoReference No.: 88808  
 Chemical of Concern: EPRN,MP,PHSL,CBL,CBF,MLN,DMT,DDVP; Habitat: A; Rejection Code: NO REVIEW(ALL CHEMS).
552. Paulson, G. D., Zaylskie, R. G., Zehr, M. V., Portnoy, C. E., and Feil, V. J. (1970). Metabolites of Carbaryl (1-Naphthyl Methylcarbamate) in Chicken Urine. *J.Agric.Food Chem.* 18: 110-115.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ENDPOINT(CBL).

553. Perry, J. A. (1979). Pesticide and PCB Residues in the Upper Snake River Ecosystem, Southeastern Idaho, Following the Collapse of the Teton Dam 1976. *Arch.Environ.Contam.Toxicol.* 8: 139-159.

EcoReference No.: 67585

Chemical of Concern: HCCH,DDT,PCB,DLD,CBL,AND,24D; Habitat: AT; Effect Codes: ACC; Rejection Code: NO MIXTURE,EFFECT,ENDPOINT(ALL CHEMS).

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EcoReference No.: 67587

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE.

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Chemical of Concern:

CBL,CPY,PMR,PPHD,MLN,ES,HCCH,TBA,MZB,ZIRAM,THM,TPM,ACP; Habitat: T; Rejection Code: NO MIXTURE.

556. Pessah, I. N. and Sokolove, P. G. (1983). The Interaction of Organophosphate and Carbamate Insecticides with Cholinesterases in the Terrestrial Pulmonate, *Limax maximus*. *Comp.Biochem.Physiol.C* 74: 291-297.

EcoReference No.: 87846

Chemical of Concern: AZ,MCB,MOM,CBL; Habitat: T; Effect Codes: BEH,BCM; Rejection Code: NO IN VITRO(AZ,MOM,CBL),OK(MCB).

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Chemical of Concern: CBL,PL; Habitat: A; Rejection Code: NO ABSTRACT(CBL,PL).

558. Peterson, R. H. (1976). Temperature Selection of Juvenile Atlantic Salmon (*Salmo salar*) as Influenced by Various Toxic Substances. *J.Fish.Res.Board Can.* 33: 1722-1730.

EcoReference No.: 5160

Chemical of Concern: ZN,AZ,CBL,CPY,HCCH,HPT,NaPCP,FNT,MLN,Naled,CuS; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: NO ENDPOINT(CuS,NaPCP,AZ,CBL).

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EcoReference No.: 53156

Chemical of Concern:

EDT,AND,AI,NH,PAH,Sb,As,ATZ,Ba,BNZ,BZD,Be,Cd,CBL,CTC,CHD,Cl,Cl2,CPY,Cr,Co,Cu,CN,DDT,DZ,CBZ,CPH,DLD,ES,EN,FA,HPT,HCCH,HCCP,Fe,ISO,Pb,Mn,Hg,Mo,NAP,H,Ni,NBZ,NP,PCB,PRN,PNB,PCP,PL,Se,Ag,SZ,TCDD,TOL,TXP,V,Zn; Habitat: A; Rejection Code: NO REVIEW,NO REFS CHECKED.

560. Picollo, M. I., Vassena, C. V., Mougabure Cueto, G. A., Verneti, M., and Zerba, E. N. (2000). Resistance to Insecticides and Effect of Synergists on Permethrin Toxicity in *Pediculus capitis* (Anoplura: Pediculidae) from Buenos Aires. *J.Med.Entomol.* 37: 721-725.
- EcoReference No.: 59603  
 Chemical of Concern: PMR,CBL,DM; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS).
561. Pitts, J. ( 1992). Control of Shrimp Infestation on Oyster Beds. *43rd Annu.Meet.of the Pacific Coast Oyster Growers Assoc.and the Natl.Shellfish.Assoc., Sept.17-19, 1992, J.Shellfish Res.* 11: 555.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: ABSTRACT,NO TOX DATA(CBL).
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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).
563. Plaut, H. N. and Mansour, F. A. (1981). Effects of Photostable Pyrethroids on Spider Mites (Tetranychidae). *Phytoparasitica* 9: 218 (ABS).
- Chemical of Concern: PMR,CYP,AZ,CBL,PYT; Habitat: T; Rejection Code: NO ABSTRACT.
564. Pohla-Gubo, V. G. and Adam, H. (1982). Influence of the Anionactive Detergent Na-Alkyl-Benzenesulphonate (LAS) on the Head Epidermis of Juvenile Rainbow Trout (*Salmo gairdneri* Richardson). *Zool.Anz.* 209: 97-110 (GER) (ENG ABS).
- EcoReference No.: 11611  
 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN(CBL).
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- EcoReference No.: 38365  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL,NO DURATION(CBL).
566. Poldoski, J. E. (1977). Molecular Spectral Interference in the Determination of Arsenic by Furnace Atomic Absorption. *At.Absorption Newsl.* 16: 70-73.
- EcoReference No.: 67606  
 Chemical of Concern: As,CBL; Habitat: A; Rejection Code: NO SPECIES.
567. Pool, R. A. F. (1977). A Rapid Bioassay for Pesticide Phytotoxicity. *J.Agric.Food* 25: 1216-1218.
- EcoReference No.: 43504  
 Chemical of Concern: SZ,BMC,CBL,DU,Captan,MLN,TFN,GYP,DCPA,BMY,MANEB;  
Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO TOX DATA.

569. Potter, D. A. (1993). Pesticide and Fertilizer Effects on Beneficial Invertebrates and Consequences for Thatch Degradation and Pest Outbreaks in Turfgrass. In: K.D.Racke and A.R.Leslie (Eds.), *ACS Symp.Ser.No.522, Pesticides in Urban Environments: Fate and Significance, 203rd Natl.Meet.of the Am.Chem.Soc., Apr.5-10, 1992, San Francisco, CA* 331-343.

EcoReference No.: 77472

Chemical of Concern:

DMB,24DXY,PCZ,DZ,FRM,TDF,CPY,PDM,CTN,BMY,CBL,BDC,EP; Habitat: T; Rejection Code: NO REVIEW.

570. Power, F. M. (1983). Long-Term Effects of Oil Dispersants on Intertidal Benthic Invertebrates I. Survival of Barnacles and Bivalves. *Oil Petrochem.Pollut.* 1: 97-108.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO CONC.

571. Pree, D. J., Whitty, K. J., Van Driel, L., and Walker, G. M. (1998). Resistance to Insecticides in Oriental Fruit Moth Populations (*Grapholita molesta*) from the Niagara Peninsula of Ontario. *Can.Entomol.* 130: 245-256.

EcoReference No.: 63915

Chemical of Concern:

MOM,PPF,CBF,AZ,PSM,EPRN,MLN,Naled,FNT,CPY,ACP,MTM,MDT,CBL,CYP; Habitat: T; Effect Codes: POP,MOR,GRO; Rejection Code: NO CONTROL(MOM,CBF,CYP).

572. Prescott, L. M., Kubovec, M. K., and Tryggestad, D. (1977). The Effects of Pesticides, Polychlorinated Biphenyls and Metals on the Growth and Reproduction of *Acanthamoeba castellanii*. *Bull.Environ.Contam.Toxicol.* 18: 29-34.

EcoReference No.: 7625

Chemical of Concern: SZ,ATZ,CBL,LNR,DLD,AND,Hg,Pb,PCB,CuS,Zn; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ATZ,SZ,CuS),OK(ALL CHEMS).

573. Proctor, N. H., Moscioni, A. D., and Casida, J. E. (1976). Chicken Embryo Nad Levels Lowered by Teratogenic Organophosphorus and Methylcarbamate Insecticidesag. *Biochem.Pharmacol.* 25: 757-762.

EcoReference No.: 84915

Chemical of Concern: DZ,CBL,CBF,ADC; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(DZ).

574. Proctor, N. H., Moscioni, A. D., and Casida, J. E. (1976). Chicken Embryo Nad Levels Lowered by Teratogenic Organophosphorus and Methylcarbamate Insecticides. *Biochem.Pharmacol.* 25: 757-762.

EcoReference No.: 84915

Chemical of Concern: PPHD,DCTP,CBL,PRN,MP,PSM,DZ,CBL,CBF,ADC,MTM; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS) .

575. Przedziecki, Z., Bankowska, J., Komorowska-Malewska, W., and Janicka, T. (1968). Studies on the Short-Period Toxicity of Carbaryl [Badanie Toksycznosci Krotkookresowej

Karbarylu]. *Rocz.Panstw.Zakl.Hig.* 19: 675-684 (POL) (ENG ABS).

EcoReference No.: 87661

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN(CBL).

576. Pullen, J. S. H. and Rainbow, P. S. (1991). The Composition of Pyrophosphate Heavy Metal Detoxification Granules in Barnacles. *J.Exp.Mar.Biol.Ecol.* 150: 249-266.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO TOXICANT.

577. Rainbow, P. S. (1987). Heavy Metals in Barnacles. In: A.J.Southward (Ed.), *Crustacean Issues, 5.Barnacle Biology, Rotterdam, Netherlands* 405-417.

EcoReference No.: 57361

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW.

578. Rainbow, P. S. and Wang, W. X. (2001). Comparative Assimilation of Cd, Cr, Se, and Zn by the Barnacle *Elminius modestus* from Phytoplankton and Zooplankton Diets. *Mar.Ecol.Prog.Ser.* 218: 239-248.

EcoReference No.: 78524

Chemical of Concern: Cr,Zn,Cd,Se,CBL; Habitat: A; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

579. Rajendran, N. and Venugopalan, V. K. (1983). Effect of Pesticides on Phytoplankton Production. *Mahasagar Bull.Natl.Inst.Oceanogr.* 16: 193-197 .

EcoReference No.: 67306

Chemical of Concern: DDT,HCCH,ES,MP,MLN,CBL; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

580. Rajyalakshmi, A. and Reddy, T. G. K. (1991). Effect of Carbaryl and Lindane on the Activity Levels of Some Selected Enzymes in the Maternal and Embryonic Tissues of the Viviparous Scorpion, *Heterometrus fulvipes* (Koch). *Comp.Physiol.Sci.* 16: 166-169.

EcoReference No.: 88806

Chemical of Concern: CBL,HCCH; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(CBL,HCCH).

581. Ramachandran, S., Rajendran, N., Nandakumar, R., and Venugopalan, V. K. (1984). Effect of Pesticides on Photosynthesis and Respiration of Marine Macrophytes. *Aquat.Bot.* 19: 395-399.

EcoReference No.: 10569

Chemical of Concern: DMT,ES,MP,DDT,CBL,HCCH; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

582. Ramakrishnan, M., Arunachalam, S., and Palanichamy, S. (1997). Sublethal Effects of Pesticides on Feeding Energetics in the Air Breathing Fish *Channa striatus*. *J.Ecotocol.EnvIRON.Monit.* 7: 169-175.

EcoReference No.: 60086

Chemical of Concern: ES,MLN,CBL; Habitat: A; Effect Codes: BEH,GRO; Rejection Code: NO ENDPOINT(CBL,MLN,ES).

583. Ramakrishnan, M., Arunachalam, S., and Palanichamy, S. (1997). Sublethal Effects of



Pesticides on Physiological Energetics of Freshwater Fish, *Oreochromis mossambicus*.  
*J.Ecotocol.Environ.Monit.* 7: 237-242.

EcoReference No.: 88971

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

584. Rao, G. S. and Kannupandi, T. (1990). Acute Toxicity of Three Pesticides and Their Effect on the Behaviour of the Edible Crab *Scylla serrata* (Forsk.) *Mahasagar* 23: 159-162.

EcoReference No.: 7249

Chemical of Concern: CBL,HPT,PHSL; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO CONTROL(ALL CHEMS).

585. Rao, H. R. G. and Anders, M. W. (1973). Inhibition of Microsomal Drug Metabolism by Anticholinesterase Insecticides. *Bull.Environ.Contam.Toxicol.* 9: 4-9.

EcoReference No.: 89072

Chemical of Concern: MLO,MLN,CBL,PRN; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS),NO CONTROL,IN VITRO(MLO,CBL,PRN),MIXTURE(MLN).

586. Rao, K. R. S. S. (1987). Combined Toxicity of Carbaryl and Phenthoate on Indian Snakehead, *Channa punctatus*. In: *K.S.Rao and S.Shrivastava (Eds.), Perspectives of Hydrobiology, Symp., Ujjain, India Feb 8-10, 1986* 119-122 (Publ As 11217).

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO PUBL AS.

587. Rao, K. R. S. S. and Rao, J. C. (1987). Independent and Combined Action of Carbaryl and Phenthoate on Snake Head, *Channa punctatus* (Bloch). *Curr.Sci.* 56: 331-332.

EcoReference No.: 14039

Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,BEH; Rejection Code: NO ENDPOINT.

588. Rao, K. R. S. S. and Rao, K. V. R. (1988). Synergistic Action of Carbaryl and Phenthoate on the Respiratory Metabolism of *Channa punctatus* (Bloch). *Faseb J.* 2: 1799 (ABS No. 8730).

EcoReference No.: 17071

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT.

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

EcoReference No.: 10519

Chemical of Concern: HCCH,CBL,MLN; Habitat: A; Rejection Code: NO DURATION.

590. Rao, M. B. (1981). Effect of gamma-Hexachloran and Sevin on the Survival of the Black Sea Mussel, *Mytilus galloprovincialis* Lam. *Hydrobiologia* 78: 33-37 (Used 6044 As Ref).

EcoReference No.: 6369

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

591. Rao, P. S., Roberts, G. H., Pope, C. N., and Ferguson, P. W. (1994). Comparative Inhibition

of Rodent and Human Erythrocyte Acetylcholinesterase by Carbofuran and Carbaryl.  
*Pestic.Biochem.Physiol.* 48: 79-84.

Chemical of Concern: CBF,CBL; Habitat: T; Rejection Code: NO IN VITRO,DURATION,HUMAN HEALTH.

592. Rawlins, S. C. and Mansingh, A. (1978). Patterns of Resistance to Various Acaricides in Some Jamaican Populations of *Boophilus microplus*. *J.Econ.Entomol.* 71: 956-960.

EcoReference No.: 72313

Chemical of Concern: CBL,CPY,DZ,HCCH,DDT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ).

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

Chemical of Concern:

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

594. Reddy, M. S. and Rao, K. V. R. (1992). Toxicity of Selected Insecticides to the Penaeid Prawn, *Metapenaeus monoceros* (Fabricius). *Bull.Enviroin.Contam.Toxicol.* 48: 622-629.

EcoReference No.: 14969

Chemical of Concern:

CBL,DMT,HCCH,MLN,MP,DDT,PRN,DLD,DDVP,SMT,AND,PPH,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

595. Redmond, C. and Potter, D. A. (1988). Efficacy of Insecticides for Control of Southern Masked Chafer Grubs in Kentucky, 1987. *Insectic.Acaric.Tests* 13: 338 (No. 19G).

EcoReference No.: 88826

Chemical of Concern: DZ,CBL,FPP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(DZ,CBL,FPP).

596. Rennecker, J. L., Marinas, B. J., Owens, J. H., and Rice, E. W. (1999). Inactivation of *Cryptosporidium parvum* Oocysts with Ozone. *Water Res.* 33: 2481-2488.

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO DURATION.

597. Rennison, B. D. and Hadler, M. R. (1975). Field Trials of Difenacoum Against Warfarin-Resistant Infestations of *Rattus norvegicus*. *J.Hyg.* 74: 449-455.

EcoReference No.: 86459

Chemical of Concern: WFN,DFM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,ENDPOINT(DFM).

598. Rettich, F. (1980). Residual Toxicity of Wall-Sprayed Organophosphates, Carbamates and Pyrethroids to Mosquito *Culex pipiens molestus* Forskal. *J.Hyg.Epidemiol.Microbiol.Immunol.* 24: 110-117.

EcoReference No.: 70015

Chemical of Concern: RSM,SZ,CPY,CBL,PMR,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS),TARGET(CBL).

599. Rettich, F. (1977). The Susceptibility of Mosquito Larvae to Eighteen Insecticides in

Czechoslovakia. *Mosq.News* 37: 252-257.

EcoReference No.: 2914

Chemical of Concern:

DLN,TCF,MXC,HCCH,MLN,CBL,DZ,CPY,DDT,FNTH,DDVP,PPX,FNT,TMP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

600. Richmond, M. L., Henny, C. J., Floyd, R. L., Mannan, R. W., Finch, D. M., and DeWeese, L. R. (1979). Effects of Sevin-4-Oil, Dimilin, and Orthene on Forest Birds in Northeastern Oregon. *Res.Paper No.PSW-148, Pacific Forest and Range Experiment Station, U.S.D.I., Washington, D.C.* 19.

EcoReference No.: 53614

Chemical of Concern: ACP,CBL; Habitat: T; Effect Codes: MOR,BEH,PHY,POP; Rejection Code: NO ENDPOINT(ACP).

601. Roberts, B. L. and Dorough, H. W. (1984). Relative Toxicities of Chemicals to the Earthworm *Eisenia foetida*. *Environ.Toxicol.Chem.* 3: 67-78.

EcoReference No.: 40531

Chemical of Concern:

DU,FNV,ES,FNF,FML,NCTN,CBD,MLN,PRN,Captan,TPM,PPB,DCTP,ACP,BMY,MBZ,PAQ,BNZ,CH3I,TFN,NaNO3,AZ,24DXY,NP,Cd,Pb,CuS,DDT,PAH,IDM,DMM,CYP,PMR,CBF,ADC,MOM,CBL,PPX,CPY,NHN,CTC; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ADC,CBL,NCTN,CBF,MOM,PPB,CuS,CYP),OK(ALL CHEMS).

602. Roberts, D. (1975). The Effect of Pesticides on Byssus Formation in the Common Mussel, *Mytilus edulis*. *Environ.Pollut.* 8: 241-254.

EcoReference No.: 6291

Chemical of Concern: CBL,ES,ETHN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

603. Rocchi, P., Perocco, P., Alberghini, W., Fini, A., and Prodi, G. (1980). Effect of Pesticides on Scheduled and Unscheduled DNA Synthesis of Rat Thymocytes and Human Lymphocytes. *Arch.Toxicol.* 45: 101-108.

Chemical of Concern:

TRL,HCCH,DLN,DDT,AND,Folpet,PQT,DQTBr,CBL,Maneb,THM,ZINEB,ZIRAM,Captan; Habitat: T; Rejection Code: NO IN VITRO.

604. Rohr, J. R., Elskus, A. A., Shepherd, B. S., Crowley, P. H., McCarthy, T. M., Niedzwiecki, J. H., Sager, T., Sih, A., and Palmer, B. D. (2003). Lethal and Sublethal Effects of Atrazine, Carbaryl, Endosulfan, and Octylphenol on the Streamside Salamander (*Ambystoma barbouri*). *Environ.Toxicol.Chem.* 22: 2385-2392.

EcoReference No.: 71723

Chemical of Concern: ATZ,CBL,ES; Habitat: A; Effect Codes: BEH,MOR,GRO; Rejection Code: LITE EVAL CODED(ATZ),OK(ALL CHEMS).

605. Romankow-Zmudowska, A. (1983). Effectiveness of Difenacoum and Brodifacoum Against Common Vole [*Microtus arvalis*], Mouse [*Mus musculus* V. Alba] and Rabbit [*Oryctolagus cuniculus*] in the Laboratory Tests. *Prace Naukowe Insty.Ochrony Roslin* 83-90.

EcoReference No.: 86458

- Chemical of Concern: DFM,BDF,CBL; Habitat: T; Effect Codes: MOR,GRO,BEH,PHY;  
Rejection Code: NO CONTROL(ALL CHEMS).
606. Rosch, R. and Liese, W. (1970). Ringschalentest Mit Holzzerstorenden Pilzen: I. Pruefung Von Substraten Fuer den Nachweis Von Phenoloxidasen. *Arch.Mikrobiol.* 73: 281-292.
- EcoReference No.: 30419  
Chemical of Concern: CBL; Habitat: AT; Rejection Code: NO ENGLISH(ALL CHEMS).
607. Royer, T. A., Edelson, J. V., and Cartwright, B. (1987). Worm Control on Cabbage, 1985. *Insectic.Acaric.Tests* 12: 103 (No. 109).
- EcoReference No.: 88726  
Chemical of Concern:  
EFV,CYF,PMR,MTM,CPY,MOM,ES,CBL,MLN,DZ,MP,AZ,FVL,MVP,DMT,MXC,OXD,  
Naled; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS).
608. Rubinigg, M., Posthumus, F., Ferschke, M., Elzenga, J. T. M., and Stulen, I. (2003). Effects of NaCl Salinity on 15N-Nitrate Fluxes and Specific Root Length in the Halophyte *Plantago maritima* L. *Plant Soil* 250: 201-213.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO TOXICANT.
609. Ruppel, R. F. and Yun, Y. M. (1965). Ground-Applied Insecticides Against the Cereal Leaf Beetle. *J.Econ.Entomol.* 58: 41-46.
- EcoReference No.: 71476  
Chemical of Concern: CBL,DLD,EN,HCCH,DDT,AND,PRN,TXP,DZ; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(DZ).
610. Sahai, Y. N. and Gupta, R. (1992). Residue Analysis of Some Pesticides in the Brain of a Teleost Fish *Heteropneustes fossilis* (Bloch). *J.Tissue Res.* 2: 35-41.
- EcoReference No.: 13285  
Chemical of Concern: HCCH,MLN,ES,CBL; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
611. Sahu, J., Das, M. K., and Adhikary, S. P. (1992). Reaction of Blue-Green Algae of Rice-Field Soils to Pesticide Application. *Trop.Agric.* 69: 362-364 .
- EcoReference No.: 14725  
Chemical of Concern: CBF,CBL,DMT,ES; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
612. Salgare, S. A. (1988). Alteration of Resting Period of Pollen of Successive Flowers of Apocynaceae by Herbicides (Acrolein, Simazine, Nitrofen). *Adv.Plant Sci.* 1: 82-86.
- EcoReference No.: 72298  
Chemical of Concern: SZ,ACL,CBL; Habitat: T; Effect Codes: REP; Rejection Code: NO ENDPOINT(TARGET-SZ,TARGET-ACL,CBL).
613. Salgare, S. A. (1991). Inhibitory Effect of Herbicides (Acrolein, Simazine, Nitrofen) on Pollen Germination of Successive Flowers of Apocynaceae. *Bioved.* 1: 189-194.
- EcoReference No.: 72330  
Chemical of Concern: SZ,ACL,CBL; Habitat: T; Effect Codes: REP; Rejection Code: NO

ENDPOINT(TARGET-SZ,TARGET-ACL,CBL).

614. Salgare, S. A. (1988). Stimulatory Effect of Some Herbicides on Pollen Tube Growth of Successive Flowers of Apocynaceae. *Adv.Plant Sci.* 1: 255-261.
- Chemical of Concern: 24D,24DC,CBL; Habitat: T; Rejection Code: NO TOX DATA.
615. Salunkhe, G. N. (1985). Protection of Sorghum Seeds from Infestation of Rice Weevil. *J.Maharashtra Agric.Univ.* 10: 223 p.
- Chemical of Concern: DDT,CBL,MLN,Captan; Habitat: T; Rejection Code: NO ENDPOINT(DDT,Captan,TARGET-CBL,MLN).
616. Sampath, K., Elango, P., and Roseline, V. (1995). Effect of Carbaryl on the Levels of Protein and Aminoacids of Common Frog *Rana tigrina*. *J. Environ. Biol.* 16: 61-65.
- EcoReference No.: 40117  
Chemical of Concern: CBL; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: NO CONTROL(CBL).
617. Samsøe-Petersen, L. (1995). Effects of 67 Herbicides and Plant Growth Regulators on the Rove Beetle *Aleochara bilineata* (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 40: 95-104.
- EcoReference No.: 63490  
Chemical of Concern:  
SZ,ATZ,DU,HFP,MCPP1,PYD,FXP,BT,MTL,PDM,CBL,MTSM,AMTL,CQTC,DPP1;  
Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(MTL,SZ,ATZ,CQTC),NO MIXTURE(MCPP1,DPP1),TARGET(CBL).
618. Sanchez-Bayo, F. (2006). Comparative Acute Toxicity of Organic Pollutants and Reference Values for Crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environ.Pollut.* 139: 385-420.
- EcoReference No.: 88444  
Chemical of Concern: CBL,MTPN,PSM,PRN,MLN,DZ; Habitat: A; Rejection Code: NO REVIEW(CBL,MTPN,PSM,PRN,MLN,DZ).
619. Sanders, H. O. and Cope, O. B. (1966). Toxicities of Several Pesticides to Two Species of Cladocerans. *Trans.Am.Fish.Soc.* 95: 165-169 (Author Communication Used) (Publ in Part As 6797).
- EcoReference No.: 888  
Chemical of Concern:  
24DXY,CBL,DBN,DU,DZ,HCCH,MLN,Naled,CYT,PYN,TFN,RTN,As; Habitat: A;  
Effect Codes: PHY; Rejection Code: NO CONTROL(ALL CHEMS).
620. Sanders, H. O., Finley, M. T., and Hunn, J. B. (1983). Acute Toxicity of Six Forest Insecticides to Three Aquatic Invertebrates and Four Fishes. *Tech.Pap.No.110, U.S.Fish Wildl.Serv., Washington, D.C.* 1-5 (Author Communication Used) (Publ in Part As 6797).
- EcoReference No.: 15574  
Chemical of Concern: MOM,CBL,TCF,FNT,ACP; Habitat: A; Effect Codes: MOR;  
Rejection Code: NO PUBL AS(MOM),NO CONTROL(ALL CHEMS).
621. Sangha, G. K. (1971). Environmental Effects of Carbamate Insecticides as Assayed in the

"Model Ecosystem" - A Comparison with DDT. *Diss.Abstr.Int.B Sci.Eng.32:4650-B (1972)/ Ph.D.Thesis, Univ.of Illinois at Urbana-Champaign, IL 153 p.*

Chemical of Concern: DDT,PPX,CBL,CBF,ADC; Habitat: A; Rejection Code: NO ABSTRACT.

622. Satoh, M., Karaki, E., Kakehashi, M., Okazaki, E., Gotoh, T., and Oyama, Y. (1999). Heavy-Metal Induced Changes in Nonproteinaceous Thiol Levels and Heavy-Metal Binding Peptide in *Tetraselmis tetraele* (Prasinophyceae). *J.Phycol.* 35: 989-994.

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO.

623. Satoh, T. (1991). Release of Liver Microsomal Beta-Glucuronidase from Hepatocytes In Vitro and In Vivo by Organophosphates and Hepatotoxic Agents. *J.Toxicol.Sci.* 16: 133-142.

EcoReference No.: 80752

Chemical of Concern: PTR,FNT,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

624. Sawyer, T. W., Weiss, M. T., and Dickinson, T. (1996). Effect of Metabolism on the Anticholinesterase Activity of Carbamate and Organophosphate Insecticides in Neuron Culture. *In Vitro Toxicol.* 9: 343-352.

Chemical of Concern:

ADC,TBC,CBL,MOM,ABT,PRN,ACP,PRT,PPHD,FNF,DZ,ETN,FNTH,TCF,AZ,PHSL,MLN,MP,Naled,DMT,DS,CPY; Habitat: T; Rejection Code: NO IN VITRO.

625. Saxena, P. K. and Aggarwal, S. (1970). Toxicity of Some Insecticides to the Indian Cat-Fish, *Heteropneustes fossilis* (Bloch). *Anat.Anz.Bd.* 127: 502-503.

EcoReference No.: 9686

Chemical of Concern: EN,CBL; Habitat: A; Effect Codes: MOR,PHY,BEH; Rejection Code: NO CONTROL(ALL CHEMS).

626. Sayce, C. S. (1970). The Uptake of Sevin by Pacific Oysters and Bottom Muds. *In: Washington (State) Dep.Fish., Tech.Rep.No.1* 9-17.

EcoReference No.: 15242

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

627. Sayce, C. S. and Chambers, J. S. (1970). Observations on Potential Uptake of Sevin by Pacific Oysters. *In: Washington (State) Dep.Fish., Tech.Rep.No.1* 18-24.

EcoReference No.: 15243

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

628. Scaps, P., Descamps, M., and Demuynck, S. (2002). Biochemical and Physiological Responses Induced by Toxics in Annelida: Utilization as Biomarkers. *Trends Comp.Biochem.Physiol.* 9: 165-173.

EcoReference No.: 88470

Chemical of Concern: Cd,Zn,CuCl,Pb,MLN,CBL,EPRN,PHSL; Habitat: AT; Effect Codes: BCM; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

629. Schafer, E. W. (1972). The Acute Oral Toxicity of 369 Pesticidal, Pharmaceutical and Other Chemicals to Wild Birds. *Toxicol.Appl.Pharmacol.* 21: 315-330 .
- EcoReference No.: 38655  
 Chemical of Concern:  
 Ziram,AN,BZO,BZC,Captan,THM,ZINEB,CYT,SFL,MAL,MRX,ACL,MLN,ABT,CBZ,MC B,CBL,CMPH,HCCH,EN,AND,ES,NP,TCF,CPY,DDVP,PPHD,DCTP,DS,PRT,DMT,AZ,P SM,ETN,DEM,DZ,FNTH,MP,NCTN; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO COC(4AP).
630. Schafer, E. W. Jr. and Bowles, W. A. Jr. (1985). Acute Oral Toxicity and Repellency of 933 Chemicals to House and Deer Mice. *Arch.Environ.Contam.Toxicol.* 14: 111-129.
- EcoReference No.: 35426  
 Chemical of Concern:  
 ADC,CST,MOM,CPC,ZnP,DOD,MLN,Cu,AQS,CuCO,RSM,ACL,4AP,DZ,As,IAA,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
631. Schafer, E. W. Jr., Bowles, W. A. Jr., and Hurlbut, J. (1983). The Acute Oral Toxicity, Repellency, and Hazard Potential of 998 Chemicals to One or more Species of Wild and Domestic Birds. *Arch.Environ.Contam.Toxicol.* 12: 355-382.
- EcoReference No.: 38656  
 Chemical of Concern:  
 RSM,TBT,CBL,EN,PAH,ACL,PL,ES,AND,DZ,CPY,Sb,Pb,Zn,Cu,Tl,DLD,HCCH,APAC,4 AP; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
632. Schafer, E. W. Jr., Bowles, W. A. Jr., and Hurlbut, J. (1983). The Acute Oral Toxicity, Repellency, and Hazard Potential of 998 Chemicals to One or more Species of Wild and Domestic Birds. *Arch.Environ.Contam.Toxicol.* 12: 355-382.
- EcoReference No.: 38656  
 Chemical of Concern:  
 RSM,TBT,CBL,EN,PAH,ACL,PL,ES,AND,DZ,CPY,Sb,Pb,Zn,Cu,Tl,DLD,HCCH,APAC,4 AP; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
633. Schiewer, U. (1974). Salt Tolerance and the Influence of Increasing NaCl Concentrations on the Contents of Nitrogen, Carbohydrates, Pigments and the Production of Extracellular Carbohydrates in Some Freshwater Bleu-Green Algae. *Arch.Hydrobiol.Suppl.* 46: 171-184.
- EcoReference No.: 53945  
 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO TOX DATA.
634. Schiffman, S. S., Suggs, M. S., Donia, M. B. A., Erickson, R. P., and Nagle, H. T. (1995). Environmental Pollutants Alter Taste Responses in the Gerbil. *Pharmacol.Biochem.Behav.* 52: 189-194.
- EcoReference No.: 74836  
 Chemical of Concern: CBF,PYT,MTM,ACP,CPY,DEM,MLN,CBL,FNV,PAQT,GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS) .
635. Schneider, M. and Guhne, M. (2000). CYD 3410 - A New Post Emergence Herbicide in Fall and Spring for Control of Broad Leaf Weeds in Cereals (CYD 34103 - Ein Neues Nachauflaufferbizid im Herbst und Fruhjahr zur Bekampfung von Breitblattrigen Unkrautern im Getreide). *Z.Pflanzenkr.Pflanzenschutz* 17: 571-576 (GER) (ENG ABS).

EcoReference No.: 66528  
Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

636. Schoettger, R. A. (1973). Fish-Pesticide Research Laboratory. *In: Resour.Publ.No.121, Prog.Sport Fish.Res., Div.Fish.Res., Bur.Sport Fish.Wildl., U.S.D.I., Washington, D.C.:* 2-17.

EcoReference No.: 16616  
Chemical of Concern:  
CBL,PCL,MXC,PHTH,ABT,PCB,DDT,DLD,EN,AND,HCCH,HPT,CHD,CMPH,TCF,DZ,ATM,TXP,MP,SZ,CAPTAN,DCF; Habitat: A; Effect Codes:  
POP,PHY,ACC,REP,MOR,BCM; Rejection Code: NO ENDPOINT(SZ),NO CONTROL(ATM,DZ,CBL).

637. Schoettger, R. A. (1970). Fish-Pesticide Research Laboratory: Progress in Sport Fishery Research. *U.S.Dep.Interior, Bur.Sport Fish.Wildl.Res., Publ. 106: 2-40 (Publ in Part As 6797).*

EcoReference No.: 6615  
Chemical of Concern: RSM,SZ,CBL,CPY,HCCH,MLN,MP,Naled,24DXY,MCPB,ATM;  
Habitat: A; Effect Codes: SYS,ACC,MOR,BCM,POP; Rejection Code: NO CONTROL(CBL,SZ,RSM,MCPB,ATM).

638. Schoettger, R. A. and Mauck, W. L. (1978). Toxicity of Experimental Forest Insecticides to Fish and Aquatic Invertebrates. *In: D.I.Mount, W.R.Swain, and N.K.Ivanikiw (Eds.), Proc.1st and 2nd USA-USSR Symp.on Effects of Pollutants upon Aquatic Ecosystems, Vol.1, Symp.Oct.21-23, 1975, Vol.2, USSR Symp., June 22-26, 1976, Duluth, MN 250, 266 (U.S.NTIS PB-287219) (Publ in Part As 6797).*

EcoReference No.: 5238  
Chemical of Concern: ACP,CBL,DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ACP,CBL,DFZ).

639. Scott, G. R. and Sloman, K. A. (2004-). The Effects of Environmental Pollutants on Complex Fish Behaviour: Integrating Behavioural and Physiological Indicators of Toxicity. *Aquat.Toxicol. 68: 369-392.*

EcoReference No.: 87520  
Chemical of Concern:  
DU,DDT,CPY,CHD,CBL,PCP,PL,C8OH,DZ,MP,FNV,ES,Zn,Ni,Hg,Cd,Cu,Pb; Habitat: A; Rejection Code: NO REVIEW.

640. Scott, P. W. and Fogle, B. (1983). Treatment of Ornamental Koi Carp (*Cyprinus carpio*) Infected with Anchor Worms (*Lernaea cyprinacea*). *Vet.Rec. 113: 421.*

EcoReference No.: 65622  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO TOX DATA.

641. Seifert, J. and Casida, J. E. (1978). Relation of Yolk Sac Membrane Kynurenine Formamidase Inhibition to Certain Teratogenic Effects of Organophosphorus Insecticides and of Carbaryl and Eserine in Chicken Embryos. *Biochem.Pharmacol. 27: 2611-2615.*

EcoReference No.: 38708  
Chemical of Concern: MLN,PRT,DCTP,DZ,CBL,MTM; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

642. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of



Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern:

Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: OK(ALL CHEMS),NO COC(MTAS).

643. Sell, P. (1984). Investigations for Testing Effects of Pesticides on the Efficiency of the Predacious Gall Midge *Aphidoletes aphidimyza* (Rond.) (Diptera, Cecidomyiidae) and Their Progeny (Untersuchungen zur Prufung der Wirkungen von Pflanzenschutzmitteln auf Leistungen der Rauberischen Gallmucke *Aphidoletes aphidimyza* (Rond.) (Diptera, Cecidomyiidae) und Deren Nachkommen). *Z.Angew.Entomol.* 98: 425-431 (GER) (ENG ABS).

EcoReference No.: 69496

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

644. Semel, M. (1959). Control of the Corn Earworm Attacking Sweet Corn. *J.Econ.Entomol.* 52: 1111-1114.

EcoReference No.: 71074

Chemical of Concern: DDT,EN,CBL,ES,DZ,TXP,HPT,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(DZ,MLN).

645. Seuge, J. and Bluzat, R. (1979). Chronic Toxicity of Carbaryl and Lindane to the Freshwater Mollusc *Lymnea stagnalis* L. *Water Res.* 13: 285-293 (FRE) (ENG ABS).

EcoReference No.: 6775

Chemical of Concern: CBL,HCCH; Habitat: A; Rejection Code: NO FOREIGN(HCCH,CBL).

646. Seuge, J. and Bluzat, R. (1979). Study of the Chronic Toxicity of Two Insecticides (Carbaryl and Lindane) Toward the F-sub-1 Generation of *Lymnea stagnalis* L. (Mollusca, Gasteropoda, Pulmonata). 2. Consequences on the Reproductive Potential. *Hydrobiologia* 66: 25-31 (FRE) (ENG ABS).

EcoReference No.: 7254

Chemical of Concern: CBL,HCCH; Habitat: A; Effect Codes: GRO,REP; Rejection Code: NO FOREIGN(CBL,HCCH).

647. Shah, P. V., Fisher, H. L., Sumler, M. R., Monroe, R. J., Chernoff, N., and Hall, L. L. (1987). Comparison of the Penetration of 14 Pesticides Through the Skin of Young and Adult Rats. *J.Toxicol.EnvIRON.Health* 21: 353-366.

EcoReference No.: 84377

Chemical of Concern:

NCTN,ATZ,CAPTAN,CBL,CBF,CPY,DSMA,FOLPET,MSMA,PRN,PCB,PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

648. Shah, P. V., Monroe, R. J., and Guthrie, F. E. (1981). Comparative Rates of Dermal Penetration of Insecticides in Mice. *Toxicol.Appl.Pharmacol.* 59: 414-423.

EcoReference No.: 88947

Chemical of Concern: MLN,PMR,PRN,MOM,CBL,DDT,DLD,NCTN,CPY,CBF; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

649. Shamaan, N. A., Hamidah, R., Jeffries, J., Hashim, A. J., and Wan Ngah, W. Z. (1993). Insecticide Toxicity, Glutathione Transferases and Carboxylesterase Activities in the Larva of the Aedes Mosquito. *Comp.Biochem.Physiol.C* 104: 107-110.
- EcoReference No.: 6867  
 Chemical of Concern: ABT,CBL,DDT,HCCH; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
650. Sharma, R. P. and Reddy, R. V. (1987). Toxic Effects of Chemicals on the Immune System. In: T.J.Haley and W.O.Berndt (Eds.), *Handbook of Toxicology, Chapter 15, Hemisphere Publ.Corp., Washington, D.C.* 555-591.
- EcoReference No.: 70597  
 Chemical of Concern: PNB,DDT,HCCH,DZ,CHD,DLD,END,HPT,TXP,PRN,CBL,AND,CTC,DBAC,MANEB; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
651. Sharom, M. S., Miles, J. R. W., Harris, C. R., and McEwen, F. L. (1980). Behaviour of 12 Insecticides in Soil and Aqueous Suspensions of Soil and Sediment. *Water Res.* 14: 1095-1100.
- Chemical of Concern: MVP,CBF,CBL,DZ,HCCH,PRN,CPY,DDT,DLD,EN,ETN; Habitat: AT; Rejection Code: NO FATE.
652. Sharom, M. S., Miles, J. R. W., Harris, C. R., and McEwen, F. L. (1980). Persistence of 12 Insecticides in Water. *Water Res.* 14: 1089-1093.
- Chemical of Concern: CBF,MVP,CBL,DZ,CPY,ETN,EN,DLD,PRN,DDT,HCCH; Habitat: A; Rejection Code: NO FATE,NO TOX DATA.
653. Shaw, R. D., Cook, M., and Carson, R. E. Jr. (1968). Developments in the Resistance Status of the Southern Cattle Tick to Organophosphorus and Carbamate Insecticides. *J.Econ.Entomol.* 61: 1590-1594.
- EcoReference No.: 72637  
 Chemical of Concern: PRN,DZ,CBL,HCCH,TXP,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ).
654. Shaw, R. D., Thompson, G. E., and Baker, J. A. F. (1967). Resistance to Cholinesterase-Inhibitors in the Blue Tick, *Boophilus decoloratus*, in South Africa. *Vet.Rec.* 81: 548-549.
- EcoReference No.: 72320  
 Chemical of Concern: CBL,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ).
655. Shea, T. B. and Berry, B. S. (1984). Suppression of Interferon Synthesis by the Pesticide Carbaryl as a Mechanism for Enhancement of Goldfish Virus-2 Replication. *Appl.Environ.* 47: 250-252.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO IN VITRO.
656. Sherstneva, L. A. (1978). Effect of Some Pesticides on the Fresh Water Crustaceans. *Rybn.Khoz.* 2: 33-35 (RUS).
- EcoReference No.: 7170  
 Chemical of Concern: CBL,HCCH; Habitat: A; Rejection Code: NO

FOREIGN(HCCH,CBL).

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Chemical of Concern: FNT,PPHD,CBL,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 87638  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: NO ENDPOINT(CBL).

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Chemical of Concern:  
DDT,PRN,HPT,DLD,CBL,PYN,MXC,ABT,MLN,DDVP,Naled,HCCH,CPY,FNTH,Cu,As,C HD,MP; Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).

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EcoReference No.: 26095  
Chemical of Concern: MBZ,DMM,CBL; Habitat: T; Rejection Code: NO FOREIGN.

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EcoReference No.: 16301  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO PUBL AS.

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EcoReference No.: 6666  
Chemical of Concern: 24DC,AND,DDT,CBL; Habitat: A; Effect Codes: ACC; Rejection Code: NO FOREIGN(AND,DDT,24DC,CBL).

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EcoReference No.: 12497  
Chemical of Concern: Captan,CBL,DZ,HCCH,CuS,CuCl,CrAC, NaLS, CdCl, AgN, PL, BNZ,PbN,PbAc,FML,AND,3CE,CF,MnCl,ZnCl2,DDT,FeCl3,CrO3,HgCl2,PRN,CTC,Se,Zn, C8OH; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).

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EcoReference No.: 75521  
Chemical of Concern: BDF,CPY,PMR,CBL; Habitat: T; Rejection Code: NO REVIEW.

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN(CBL).

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EcoReference No.: 75195  
Chemical of Concern: ACL,HOX,4AP,FML,EGY,CBL,TEG,BMN; Habitat: AT; Effect Codes: MOR,GRO,BEH,BCM,CEL; Rejection Code: OK(CBL,HOX,FML,EGY,TEG,BMN),NO COC(ADC,CBF,MTAS),NO CONTROL(ACL,4AP).

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Chemical of Concern: CBL,ADC; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ADC,CBL),NO INHALE(ADC).

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EcoReference No.: 74980  
Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

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 Chemical of Concern: ACR,BTC,CBL; Habitat: A; Effect Codes: POP,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: DQT, CPP, MAL, MCPA, THM, TPE, BMY, CBL, DZM, MOM, PRT, ACR, PQT, PRN; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MOM, CBL, PRT, ACR, PQT), NO ENDPOINT(DZM).
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- EcoReference No.: 6726  
 Chemical of Concern: Captan, EPRN, CdS, ZnCl<sub>2</sub>, CBL, MLN; Habitat: A; Effect Codes: BEH, MOR; Rejection Code: NO CONTROL(ALL CHEMS).
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 Chemical of Concern: CBL, DZ, MLN, NCTN; Habitat: T; Rejection Code: Not Ecossl Species//TARGET(MLN, DZ, NCTN, CBL).
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- Chemical of Concern: ES, CBL; Habitat: T; Rejection Code: NO TOX DATA.
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 Chemical of Concern: DEM, CBL, CHD; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL, ENDPOINT(ALL CHEMS).
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Chemical of Concern: EPRN,CHD,CBL; Habitat: A; Effect Codes: ACC,BCM; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

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EcoReference No.: 17639

Chemical of Concern: ATZ,CBL,SZ,PCP,Cu2O,Cd; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(ATZ,SZ,PCP,Cu2O),OK(ALL CHEMS).

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EcoReference No.: 9445

Chemical of Concern: TXP,MRX,AND,CBL,DLD,DDT,MP,MLN; Habitat: A; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: CBL,PCB; Habitat: T; Rejection Code: NO ABSTRACT.

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Chemical of Concern: PRT,CBL; Habitat: T; Rejection Code: NO IN VITRO.

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Chemical of Concern: ABT,MLN,PPX,MXC,CBL,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 3845

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN.

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EcoReference No.: 82647

Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.

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

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Chemical of Concern: CBL,BDF,PAH,PCB,WFN,MLN; Habitat: AT; Rejection Code: NO REVIEW(ALL CHEMS).

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO CONC,NO SURVEY.

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EcoReference No.: 88800

Chemical of Concern: PMR,CYF,BFT,CBF,AZ,LCYT,MTM,MP,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,MTM),OK(ALL CHEMS).

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EcoReference No.: 88801

Chemical of Concern: PMR,CYF,BFT,CBF,LCYT,MTM,MP,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,MTM),OK(ALL CHEMS).

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO CONC.

753. Wauchope, R. D. (1978). The Pesticide Content of Surface Water Draining from Agricultural Fields - A Review. *J.Environ.Qual.* 7: 459-472.

EcoReference No.: 83831

Chemical of Concern:

DBN,DMB,ASAC,ACR,ATZ,DZ,AND,AMTL,CBL,CBF,CZE,24DXY,DDT,DLD,DU,ES,E N,FMU,FNF,HPT,LNR,MXC,PRN,MBZ,MLT,MSMA,PAQT,PRT,PCL,PMT,PCH,PPZ,SZ, TXP,TFN; Habitat: A; Rejection Code: NO SPECIES.

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EcoReference No.: 67428

Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SPECIES.

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EcoReference No.: 15370

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

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 Chemical of Concern: 24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLD,EN,DDVP,ACR,BMC,Captan,DS,MLN,PRN,PRT,CBL,CBF,CuS,Cu,DMB,DU,Hg,PYZ; Habitat: AT; Rejection Code: NO REVIEW,NO REFS CHECKED.
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 Chemical of Concern: TVP,Naled,FNT,MLN,CBL,PPX; Habitat: AT; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: MLN,DDT,CBL; Habitat: A; Effect Codes: PHY,MOR,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
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- EcoReference No.: 15998  
 Chemical of Concern: CBL,DDT,MLN; Habitat: A; Effect Codes: BEH,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
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- EcoReference No.: 8754  
 Chemical of Concern: DDT,MLN,PRN,CBL; Habitat: A; Effect Codes: GRO,BEH,MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
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EcoReference No.: 88032  
Chemical of Concern: NAPH,CBL; Habitat: T; Effect Codes: PHY; Rejection Code: OK(NAPH),NO CONTROL(CBL).

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EcoReference No.: 18488  
Chemical of Concern: SZ,CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: CBL,DDT; Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).

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EcoReference No.: 42292  
Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: NO CONTROL,ENDPOINT(TARGET-CBL).

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO(CBL).

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EcoReference No.: 13956  
Chemical of Concern: FNTH,FNT,CMPH,CBL,MXC,MCB,CPY,RSM; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(RSM,MCB,MXC,CBL,FNTH),OK(FNT,CPY,CMPH).

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN(CBL).

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Chemical of Concern: NaPCP,DDT,HCCH,PRN,CBL; Habitat: A; Effect Codes: GRO;  
Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 5618  
Chemical of Concern: CBL,DDT,TCF,FNT,ACP; Habitat: A; Effect Codes: MOR;  
Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 74724  
Chemical of Concern: FMP,CBF,ADC,OML,CBL; Habitat: T; Effect Codes: POP;  
Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE,OIL.

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EcoReference No.: 81425  
Chemical of Concern: ATZ,CBL,BFT,HXZ,PMR,PCP,Cu; Habitat: A; Rejection Code: NO REVIEW,MODELING.

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EcoReference No.: 8765  
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN.

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Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SURVEY.

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Chemical of Concern: EFV,PAQT,TFN,CTN,CBL,ES; Habitat: T; Rejection Code: NO MIXTURE.

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- EcoReference No.: 15271  
Chemical of Concern: DZ,CBL; Habitat: A; Rejection Code: NO COC(DZ).
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- EcoReference No.: 13643  
Chemical of Concern: CBL,MLN,MOM,PRN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(MOM),NO CONC(CBL,MLN,PRN).
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- EcoReference No.: 8570  
Chemical of Concern:  
ACP,Captan,CBL,CTN,DMT,DS,DZ,FO,HXZ,MDT,MLN,MOM,PPG,PSM,TET,CYP,FVL,PMR,TFR,Cu,CuS,PCP,IZP,MCPP1; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).
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- EcoReference No.: 88497  
Chemical of Concern: ACP,CBL,DMT,MTM,EFV,MTAS; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(MTAS),OK TARGET(ACP,CBL,DMT,MTM,EFV).
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- EcoReference No.: 57587  
Chemical of Concern: DDT,CBL; Habitat: T; Effect Codes: GRO, PHY, POP; Rejection Code: NO OM, pH,TARGET(CBL).
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- EcoReference No.: 73599  
Chemical of Concern:  
MOM,PMR,CYP,CYT,BFT,TMT,FVL,DZ,CPY,MP,CBL,TDC,DDVP,SPS,TLM,MLN,FNV ; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(MLN,FVL,CYP,DZ),TARGET(BFT).
786. Yurawecz, M. P., Dreifuss, P. A., and Kamps, L. R. (1976). Determination of Hexachloro-1,3-Butadiene in Spinach, Eggs, Fish, and Milk by Electron Capture Gas-Liquid Chromatography. *J.A.O.A.C.(Assoc.Off.Anal.Chem.) Int.* 59: 552-558.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO DURATION,NO SURVEY.

787. Zeakes, S. J., Hansen, M. F., and Robel, R. J. (1981). Increased Susceptibility of Bobwhites (*Colinus virginianus*) to *Histomonas meleagridis* After Exposure to Sevin Insecticide. *Avian Dis.* 25: 981-987.
- EcoReference No.: 39507  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT(CBL).
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- EcoReference No.: 71281  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: NO COC(IODN),TARGET(CBL).
789. Zimmerman, R. J. and Cranshaw, W. S. (1990). Compatibility of Three Entomogenous Nematodes (*Rhabditida*) in Aqueous Solutions of Pesticides Used in Turfgrass Maintenance. *J.Econ.Entomol.* 83: 97-100.
- EcoReference No.: 71366  
 Chemical of Concern: PCB,DZ,Hg,CBL,CPY,BDC,BMY,DMB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,DMB),OK(ALL CHEMS),OK TARGET(CBL).
790. Zinkl, J. G., Henny, C. J., and DeWeese, L. R. (1977). Brain Cholinesterase Activities of Birds from Forests Sprayed with Trichlorfon (Dylox) and Carbaryl (Sevin-4-Oil). *Bull.Environ.Contam.Toxicol.* 17: 379-386.
- EcoReference No.: 35539  
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

N.3. ECOTOX accepted references, relevant to carbaryl degradates, cited within the risk assessment or used for deriving species sensitivity distributions

N.4. ECOTOX accepted references, relevant to carbaryl degradates, not utilized or cited within this risk assessment

N.5. List of exclusion terms utilized for reviewing studies considered for ECOTOX database

**Review**--all toxicity tests reported elsewhere. If the publication is applicable to one of the ECOTOX databases, the bibliography is skimmed and any applicable articles are ordered.

**Methods**--no usable toxicity tests. Reports of methods of conducting tests, determination or purification of chemicals, etc. Methods publications are selected to be ordered for the ECOTOX toxicology methods information file (Methfile).

**Modeling** only, no new organism exposure data. Modeling studies may report original toxicity tests performed as comparisons or as a basis for extrapolation; order the paper if it is not clear from the abstract.

**Other ambient conditions**--effects on organisms from changes in conditions other than addition of chemicals, including radioactivity, ultraviolet light (UV), temperature, pH, salinity, dissolved oxygen (DO), or other water, air, or soil parameters.

**Biological Toxicant**--includes venoms, fungal toxins, *Bacillus thuringiensis*, other plant, animal, or microbial extracts or toxins.

**Drug**--testing for drug effects and side-effects .

**Effluent**, sewage, or polluted runoff.

**Mixture**--no single chemical tests reported.

**Nutrient** studies--in situ chemicals tested as nutrients.

**No Species**--no organism present or tested or unable to verify a species or exposure of dead organism.

**In Vitro** studies, including exposure of cell cultures and excised tissues.

**Bacteria** as test organism, including **Microtox** tests, or other microbial organisms.

**Yeast** as a test organism is historically not coded in ECOTOX.

**No Toxicity Data**--publications which are not toxicology studies.

**Human Health** effects; studies with human subjects or with animal subjects as surrogates for human health risk assessment.

**No Concentration**--no usable dose or concentration reported; identified after examination of full paper. Includes lead-shot studies which lack dose information or give only number of pellets. Concentrations reported only in log units are not coded.

**Sediment Concentration**--chemical concentration reported in sediment only. Sediment studies are coded for ACQUIRE only if a water concentration of the added chemical is also reported; order the publication if unclear from the abstract.

**No Duration** reported, identified after examination of full paper.

**Incident** papers--reports of animal deaths by poison, etc. Lacks usable concentration or duration or both.

**Survey** studies--measuring amounts of chemical present, but no usable quantification of exposure. Lacks either usable concentration or duration or both.

**Fate:** Studies reporting only what happens to the chemical in abiotic matrices

**Food Studies**, no chemical and effects information are reported

**PUBL AS**, author has results were published in a different format. For example, may be used for a Ph.D. dissertation when the same results were also published in a peer-reviewed journal.

**NON-ENGLISH** or **FORE**, paper was published in a foreign language.

H6. ECOTOX rejected references.

1. 1989). 104 WEEK CHRONIC TOXICITY AND ONCOGENICITY STUDY WITH 1,3-DICHLOROPROPAN-2-OL IN THE RAT (PART I) WITH COVER LETTER DATED 080389. *EPA/OTS; Doc #89-890000058*.  
Rejection Code: NO COC.
2. 1963). 13. 2-amino-1-naphthol metabolism. *Food and Cosmetics Toxicology* 1: 104.  
Rejection Code: METABOLISM.
3. 1970). 2049. Further details of the fate of carbaryl: Paulson, G. D., Zaylskie, R. G., Zehr, M. V., Portnoy, C. E. & Feil, V. J. (1970). Metabolites of carbaryl (1-naphthyl methylcarbamate) in chicken urine. *J. agric. Fd Chem.* 18, 110. *Food and Cosmetics Toxicology* 8: 705.  
Rejection Code: FATE.
4. 1977). 3104. Naphthol in the river: Bollag, J.-M., Czaplicki, E. J. & Minard, R. D. (1975). Bacterial metabolism of 1-naphthol. *J. agric. Fd Chem.* 23, 85. *Food and Cosmetics Toxicology* 15: 80-81.  
Rejection Code: BACTERIA, METABOLISM.
5. 1988). 4738920 Method for assaying a biocomponent using 4-methoxy-1-naphthol and hydrogen peroxide : Tatsuya Ishiguro, Kyoto, Japan assigned to Kyowa Medex Co Ltd. *Biotechnology Advances* 6 : 789.  
Rejection Code: METHODS.
6. 1990). 4833164 2-substituted-1-naphthols, pharmaceutical compositions of, and their use as 5-lipoxygenase inhibitors : Douglas G Batt assigned to E I Du Pont de Nemours and Company. *General Pharmacology: The Vascular System* 21: x.  
Rejection Code: NO TOX DATA.
7. 1987). 87:6677 Inside a Texas tornado : Hall, R.S., 1987. One of the most amazing weather stories ever told. *Weatherwise*, 40(2):72-75. *Deep Sea Research Part B. Oceanographic Literature Review* 34: 1013.  
Rejection Code: NO TOX DATA.
8. 1966). 924 Unusual metabolism of two arylazonaphthol colourings: Barrett, J. F., Pitt, Patricia A., Ryan, A. J. & Wright, S. E. (1965). The metabolism of 2-phenylazo-1-naphthol-4- and -5-sulphonic acids in the rat. *Biochem. Pharmac.* 14, 873. *Food and Cosmetics Toxicology* 4: 101.  
Rejection Code: METABOLISM.
9. 2000). ACQUISITION AND CHEMICAL ANALYSIS OF MOTHER'S MILK FOR SELECTED TOXIC SUBSTANCES (DECEMBER 1980). *EPA/OTS; Doc #40-8023083*.  
Rejection Code: HUMAN HEALTH.
10. 1978). ACUTE TOXICITY STUDIES IN RABBITS AND RATS WITH ATTACHMENTS, COVER SHEET AND LETTER DATED 071978. *EPA/OTS; Doc #88-7800227*.  
Rejection Code: NO COC.
11. 1982). BIOCHEMICAL OXYGEN DEMAND OF SHELL CHEMICALS. *EPA/OTS; Doc #878210131*.  
Rejection Code: METABOLISM.

12. 1982). BIODEGRADABILITY OF OIL AT SEA. *EPA/OTS; Doc #878210144.*  
Rejection Code: FATE.
13. 1996). Carbaryl effects on sperm: Combination Toxicology. *Food and Chemical Toxicology* 34: 1191.  
Rejection Code: MIXTURE.
14. 1982). CHEMICAL OXYGEN DEMAND OF SHELL CHEMICALS. *EPA/OTS; Doc #878210134.*  
Rejection Code: METABOLISM.
15. 1982). DETERMINATION OF ACUTE TOXICITY TO FISH OF SHELL CHEMICAL, II. (NOTE: THIS DOCUMENT IS UNREADABLE). *EPA/OTS; Doc #878210130.*  
Rejection Code: NO SOURCE.
16. 1994). DETERMINATION OF ACUTE TOXICITY TO FISH OF SHELL CHEMICALS I. (INCLUDING TETRAHYDROTHIOPHENE 1,1-DIOXIDE), WITH COVER LETTER DATED 2/7/84. *EPA/OTS; Doc #FYI-OTS-0794-1002.*  
Rejection Code: NO COC.
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Rejection Code: FATE.
22. 1990). ENDANGERMENT ASSESSMENT FOR NECCO PARK NIAGARA FALLS, NEW YORK (FINAL REPORT) WITH ATTACHED APPENDIX, COVER SHEET AND LETTER DATED 013090. *EPA/OTS; Doc #86-900000075.*  
Rejection Code: SURVEY.
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MARINE WATERS (FINAL REPORT) WITH COVER LETTER DATED 101188.  
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25. 1985). HYDROGEOLOGICAL INVESTIGATION AT THE FISHER SCIENTIFIC COMPANY FAIR LAWN NEW JERSEY FACILITY WITH COVER LETTER. *EPA/OTS; Doc #878216008.*  
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26. 1996). INACTIVE RANCHO CORDOVA TEST SITE, RANCHO CORDOVA, CA - TECHNICAL MEMORANDUM COREHOLE AND GEOPHYSICAL INVESTIGATION, ADMINISTRATION AREA, WITH COVER LETTER DATED 7/24/96. *EPA/OTS; Doc #86960000521.*  
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27. 1996). INACTIVE RANCHO CORDOVA TEST SITE, RANCHO CORDOVA, CA - TECHNICAL MEMORANDUM, FLUX CHAMBER, ADMINISTRATION AREA, WITH COVER LETTER DATED 7/24/96. *EPA/OTS; Doc #86960000518.*  
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29. 1996). INACTIVE RANCHO CORDOVA TEST SITE, RANCHO CORDOVA, CA, TECHNICAL MEMORANDUM: SOIL VAPOR PILOT STUDY, ADMINISTRATION AREA, WITH COVER LETTER DATED 8/28/96. *EPA/OTS; Doc #86960000574.*  
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31. 1992). INITIAL SUBMISSION: 5,5-DIMETHYL-2-METHYLIMINO-4[0-(METHYLCARBAMOYL) OXIMINO]-1,3-DITHIOLANE: MISCELLANEOUS TOXICITY STUDIES (PROJECT REPORT) WITH COVER SHEET & LETTER DATED 012492. *EPA/OTS; Doc #88-9200007688.*  
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32. 1992). INITIAL SUBMISSION: ACUTE ORAL TOXICITY STUDY IN MALE RATS HUGHSON CHEMICALS RD 3703-63 (FINAL REPORT) WITH COVER LETTER DATED 022692. *EPA/OTS; Doc #88-920001056.*  
Rejection Code: NO COC.
33. 1992). INITIAL SUBMISSION: DUST INHALATION TOXICITY STUDY OF 1-NAPHTHOL IN RATS WITH COVER LETTER DATED 101992. *EPA/OTS; Doc #88-920009593.*  
Rejection Code: INHALE.
34. 1992). INITIAL SUBMISSION: LETTER FROM MONSANTO CO TO USEPA REGARDING TOXICITY STUDIES WITH COVER LETTER DATED 08/25/92. *EPA/OTS; Doc #88-920008191.*  
Rejection Code: NO COC.



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39. 1981). LETTER FROM GULF OIL COMPANY TO USEPA REGARDING INFORMATION ON THE MUTATION ASSAY AND IN VITRO CELL TRANSFORMATION TESTING CONDUCTED AT EG&G MASON LABORATORIES. *EPA/OTS; Doc #88-8100177*.  
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42. 1991). LETTER SUBMITTING MULTIPLE ENCLOSED STUDIES ON MULTIPLE CHEMICALS WITH ATTACHMENTS. *EPA/OTS; Doc #86-920000742*.  
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43. 1992). LETTER SUBMITTING ONE ENCLOSED TERATOLOGY STUDY AND ONE ENCLOSED SUPPLEMENTARY STUDY ON ISOPROPANOL. *EPA/OTS; Doc #86-920000727*.  
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50. 1989). PETITIONERS AND EXHIBITS TO PETITIONERS MEMORANDUMS IN SUPPORT OF THEIR MOTION FOR A REMAND WITH ATTACHMENTS AND COVER LETTER DATED 012389. *EPA/OTS; Doc #86-890000094*.  
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53. 1992). A PILOT ONE-GENERATION STUDY WITH ISOPROPYL ALCOHOL IN RATS (FINAL REPORT) WITH ATTACHMENTS AND COVER LETTER DATED 013092. *EPA/OTS; Doc #86-920000728*.  
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54. 1989). THE PRECHRONIC DOSED WATER STUDY OF DIETHANOLAMINE IN B6C3F1 MICE (FINAL REPORT) WITH COVER LETTER DATED 071289. *EPA/OTS; Doc #86-890001043*.  
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57. 2000). SUPPORT DOCUMENT FOR THE SARA SECTION 110 "SECOND 100" LIST

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