

Appendix L. 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 L.1 those relevant to carbaryl which were acceptable in ECOTOX. References in section L.2 were those relevant to carbaryl which were not cited within the risk assessment. References in section L.3 those relevant to degradates of carbaryl which were cited within this risk assessment. References in section L.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 L.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 L.5. A full list of the citations reviewed and rejected by the criteria for ECOTOX is listed in section L.6.

L.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.

L.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: 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).

53. Binelli, A., Ricciardi, F., Riva, C., and Provini, A. (2006). New Evidences for Old Biomarkers: Effects of Several Xenobiotics on EROD and AChE Activities in Zebra Mussel (*Dreissena polymorpha*). *Chemosphere* 62: 510-519.

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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of Xenobiotics: Comparison with the Microtox Test. *Ecotoxicol.Environ.Saf.* 49: 293-301.

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).

60. Boone, M. D., Bridges, C. M., and Rothermel, B. B. (2001). Growth and Development of Larval Green Frogs (*Rana clamitans*) Exposed to Multiple Doses of an Insecticide. *Oecologia* 129: 518-524.

EcoReference No.: 82767

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

61. 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: 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: LITE 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.

EcoReference No.: 86763
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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Chemical of Concern: CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 47778
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL).
73. Bridges, C. M. (1999). Predator-Prey Interactions Between Two Amphibian Species: Effects of Insecticide Exposure. *Aquat.Ecol.* 33: 205-211.
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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: 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).
77. Bridges, C. M. and Semlitsch, R. D. (2001). Genetic Variation in Insecticide Tolerance in a Population of Southern Leopard Frogs (*Rana sphenoccephala*): Implications for Amphibian Conservation. *Copeia* 1: 7-13.
- EcoReference No.: 87654
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).

79. Broderius, S. J., Kahl, M. D., and Hoglund, M. D. (1995). Use of Joint Toxic Response to Define the Primary Mode of Toxic Action for Diverse Industrial Organic Chemicals. *Environ.Toxicol.Chem.* 14: 1591-1605 (Author Communication Used).

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).

82. Brunner, J. F., Dunley, J. E., Doerr, M. D., and Beers, E. H. (2001). Effect of Pesticides on *Colpoclypeus florus* (Hymenoptera: Eulophidae) and *Trichogramma platneri* (Hymenoptera: Trichogrammatidae), Parasitoids of Leafrollers in Washington. *J.Econ.Entomol.* 94: 1075-1084 .

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).

83. Buchanan, D. V., Millemann, R. E., and Stewart, N. E. (1970). Effects of the Insecticide Sevin on Various Stages of the Dungeness Crab, *Cancer magister*. *J.Fish.Res.Board Can.* 27: 93-104.

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).
85. Buntin, G. D. (1998). Evaluation of Insecticides for Control of the Cabbage Seedpod Weevil in Canola. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 25-29.
- EcoReference No.: 73097
 Chemical of Concern: EFV,MLN,ES,PMR,MOM,CBL,MP,PSM,AZD,PRN; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(EFV,MOM,AZD),TARGET(MLN),OK(ALL CHEMS).
86. Burdick, G. E., Dean, H. J., Harris, E. J., Skea, J., and Colby, D. (1965). Toxicity of Sevin (Carbaryl) to Fingerling Brown Trout. *N.Y.Fish Game J.* 12: 127-146.
- EcoReference No.: 4517
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,ACC; Rejection Code: LITE EVAL CODED(CBL).
87. Bursian, S. J. and Edens, F. W. (1978). The Effect of Acute Carbaryl Administration on Various Neurochemical and Blood Chemical Parameters in the Japanese Quail. *Toxicol.Appl.Pharmacol.* 46: 463-473.
- 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,DLD,TXP,CHD,RTN; Habitat: A; Effect
Codes: GRO; Rejection Code: LITE EVAL CODED(CBL,DCB,RTN),OK(ALL CHEMS).

93. Byrd, J. D. Jr. and York, A. C. (1988). Interactions of Carbaryl and Dimethoate with Sethoxydim.
Weed Technol. 2: 433-436.

EcoReference No.: 75045

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

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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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Structure Alterations in *Littorina littorea* Exposed to 1-Naphthol. *Comp.Biochem.Physiol.C*
93: 231-237.

EcoReference No.: 947

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

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Hydroxylated Hydrocarbons to the Prosobranch Gastropod *Littorina littorea*. In: *J.Ros (Ed.),
Topics in Mar.Biol., Proc.22nd European Mar.Biol.Symp., Barcelona, Spain; Scient.Mar.* 53:
745-748.

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).

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

EcoReference No.: 61217

Chemical of Concern: 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).

104. Carlson, R. W., Bradbury, S. P., Drummond, R. A., and Hammermeister, D. E. (1998). Neurological Effects on Startle Response and Escape from Predation by Medaka Exposed to Organic Chemicals. *Aquat.Toxicol.* 43: 51-68.

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).

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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.Abst.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).

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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).

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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).

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EcoReference No.: 35102

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

126. 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: CuS,ATZ,GYP,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CuS),OK(ALL CHEMS).

127. 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,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. Daghli, 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,CMPH,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.Environ.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,DLN; 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 Strurgeon, 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).
167. Edwards, C. A. and Bater, J. E. (1992). The Use of Earthworms in Environmental Management. *Soil Biol.Biochem.* 24: 1683-1689.
- 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).
168. Ehrich, M., Correll, L., Strait, J., McCain, W., and Wilcke, J. (1992). Toxicity and Toxicokinetics of Carbaryl in Chickens and Rats: A Comparative Study. *J.Toxicol.Environ.Health* 36: 411-423.

EcoReference No.: 87555
Chemical of Concern: CBL; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CBL).

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EcoReference No.: 87553
Chemical of Concern: CBL,DDVP,MLN; Habitat: T; Effect Codes: PHY,MOR,CEL; Rejection Code: LITE EVAL CODED(MLN,CBL),OK(DDVP).

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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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EcoReference No.: 88960
Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,BEH,PHY,GRO; Rejection Code: LITE EVAL CODED(CBL).

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EcoReference No.: 88959
Chemical of Concern: CBL,VNL; Habitat: AT; Effect Codes:
GRO,MOR,PHY,BEH,BCM; Rejection Code: LITE EVAL CODED(CBL).

176. Estenik, J. F. and Collins, W. J. (1979). In Vivo and In Vitro Studies of Mixed-Function Oxidase in an Aquatic Insect, *Chironomus riparius*. In: *M.A.Q.Khan, J.J.Lech, and J.J.Menn (Eds.), Pesticide and Xenobiotic Metabolism in Aquatic Organisms, ACS (Am.Chem.Soc.) Symp.Ser.99, Chapter 21 349-370 (Author Communication Used).*

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.

178. Fair, J. M., Kennedy, P. L., and McEwen, L. C. (1995). Effects of Carbaryl Grasshopper Control on Nesting Killdeer in North Dakota. *Environ.Toxicol.Chem.* 14: 881-890.

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).

182. Farage-Elawar, M. and Blaker, W. D. (1992). Chick Embryo Exposure to Carbamates Alters Neurochemical Parameters and Behavior. *J.Appl.Toxicol.* 12: 421-426.

EcoReference No.: 87098
Chemical of Concern: CBL,ADC; Habitat: T; Effect Codes: BCM,BEH,MOR,GRO;

Rejection Code: LITE EVAL CODED (CBL,ADC).

183. Farage-Elawar, M., Ehrich, M. F., Jortner, B. S., and Misra, H. P. (1988). Effects of Multiple Oral Doses of Two Carbamate Insecticides on Esterase Levels in Young and Adult Chickens. *Pestic.Biochem.Physiol.* 32: 262-268.

EcoReference No.: 87150

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

184. Fatima, R. A. and Ahmad, M. (2006). Allium Cepa Derived EROD as a Potential Biomarker for the Presence of Certain Pesticides in Water. *Chemosphere* 62: 527-537.

EcoReference No.: 88956

Chemical of Concern:

MP,HCB,Zn,Pb,Cr,Cu,Cd,DMT,EN,DLD,AND,PAH,24DXY,MLN,HCB,DDT,ES,CBL;

Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(ALL CHEMS).

185. Federle, P. F. and Collins, W. J. (1976). Insecticide Toxicity to Three Insects from Ohio Ponds. *Ohio J.Sci.* 76: 19-24.

EcoReference No.: 7775

Chemical of Concern: DDT,PRN,CBL,DDVP,PPX,MLN,DZ,AND,CPY,ATN,HCCH,DLD;

Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(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.

EcoReference No.: 12261

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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EcoReference No.: 11322

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).

191. Frempong-Boadu, J. (1966). A Laboratory Study of the Effectiveness of Methoxychlor, Fenthion and Carbaryl Against Blackfly Larvae (Diptera: Simuliidae). *Mosq.News* 26: 562-564.

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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- 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).
202. Ghosh, P., Ghosh, S., Bose, S., and Bhattacharya, S. (1993). Glutathione Depletion in the Liver and Kidney of *Channa punctatus* Exposed to Carbaryl and Metacid-50. *Sci.Total Environ.* 641-645.
- EcoReference No.: 4345
 Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
203. Ghosh, S. and Bhattacharya, S. (1992). Elevation of C-Reactive Protein in Serum of *Channa punctatus* as an Indicator of Water Pollution. *Indian J.Exp.Biol.* 30: 736-737.

EcoReference No.: 2686
Chemical of Concern: PL,NH,CdCl,HgCl₂,CBL; Habitat: A; Effect Codes: BCM;
Rejection Code: LITE EVAL CODED(CBL),OK(PL,NH,CdCl,HgCl₂).

204. Gibbs, K. E., Mingo, T. M., Courtemanch, D. L., and Stairs, D. J. (1981). The Effects on Pond Macroinvertebrates from Forest Spraying of Carbaryl (Sevin-4-Oil) and Its Persistence in Water and Sediment. *In: K.G.Stratton (Ed.), Environ.Monit.Rep.from the 1980 Maine 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).

205. Gibbs, K. E., Rabeni, C. F., Stanley, J. G., and Trial, J. G. (1979). The Effects of a Split Application of Sevin-4-Oil on Aquatic Organisms. *Report to the Maine Forest Service, Dep.Entomol., Maine Coop.Fish.Res.Unit, Univ.of Maine, Orono, ME* 50 p.

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.Communit.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).
216. Gupta, S. K. and Sundararaman, V. (1991). Correlation Between Burrowing Capability and AChE Activity in the Earthworm, *Pheretima posthuma*, on Exposure to Carbaryl. *Bull.Environ.Contam.Toxicol.* 46: 859-865.
- 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).
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- 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).
226. Hanazato, T. and Dodson, S. I. (1993). Morphological Responses of Four Species of 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).
228. Hanny, B. and Harvey, J. (1982). Sevin Sprayable Versus Sevin XLR Applied to Field Corn (*Zea mays* L.) at Pine Bluffs, Wyoming - Effects on Honey Bees (*Apis mellifera* L.). *Am.Bee J.* 122: 506-508.
- 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.
- EcoReference No.: 984
 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).
234. Havens, K. E. (1994). An Experimental Comparison of the Effects of Two Chemical Stressors on a Freshwater Zooplankton Assemblage. *Environ.Pollut.* 84: 245-251.
- EcoReference No.: 17295
 Chemical of Concern: CBL,CuS; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL,CuS).
235. Havens, K. E. (1995). Insecticide (Carbaryl, 1-Naphthyl-N-Methylcarbamate) Effects on a Freshwater Plankton Community: Zooplankton Size, Biomass, and Algal Abundance. *Water Air Soil Pollut.* 84: 1-10.
- EcoReference No.: 16370
 Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
236. Haverty, M. I. and Wood, J. R. (1981). Residual Toxicity of Eleven Insecticide Formulations to the Mountain Pine Cone Beetle, *Conophthorus monticolae* Hopkins. *J.Ga.Entomol.Soc.* 16: 77-83.
- EcoReference No.: 70899
 Chemical of Concern: RSM,CBL,HCCH,CYP,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,RSM).
237. Heath, R. G., Spann, J. W., Hill, E. F., and Kreitzer, J. F. (1972). Comparative Dietary Toxicities of Pesticides to Birds. *U.S.Bureau of Sport Fisheries and Wildlife.Special Scientific Report-Wildlife No.152* 57 p.
- EcoReference No.: 35214
 Chemical of Concern: SZ,DDT,DZ,PCB,ALD,ATZ,CBL,DLN,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).
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- 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).
243. Hellman, J. L., Patton, T. W., Salvaggio, R. S., Vinis, L., and Grove, J. (1988). Control of Gray Garden Slugs in No-Tillage, 1985. *Insectic.Acaric.Tests* 13: 214 (No. 52F).
- 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).
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- EcoReference No.: 3490
 Chemical of Concern: CBL,EPRN; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CBL),OK(EPRN).

247. Herron, G. A. (1990). Resistance to Grain Protectants and Phosphine in Coleopterous Pests of Grain Stored on Farms in New South Wales. *J.Aust.Entomol.Soc.* 29: 183-189.
- EcoReference No.: 70674
 Chemical of Concern: RSM,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM).
248. Hill, E. F. (1979). Cholinesterase Activity in Japanese Quail Dusted with Carbaryl. *Lab.Anim.Sci.* 29: 349-352.
- 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,DCPT,CBL,Captan,CPY,TBO,DZ,DLDD,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,DLDD,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,Nabam,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 doreenae*. *Plant Prot.Q.* 10: 99-102.

EcoReference No.: 67984

Chemical of Concern:

CaPS,BMY,CBD,CTN,MZB,FRM,IPD,MLX,Cu,PCZ,TDM,VCZ,Zineb,Ziram,CuOH,AZ,CBL,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,HgCl₂,PL,PCP,CuCl,CPY,CBL; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CBL,CuCl,OW-TRV-,PCP),OK(CPY,HgCl₂,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 *Spicodiatomus 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).

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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).

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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).

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EcoReference No.: 85496

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

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).

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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.Enviroin.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.Enviroin.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.Abst.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 Pennacap-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,NA,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 *Hyaella 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 *Hyaella 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,24DXY,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).

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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).

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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 conchoni*. *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,M
LT,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,HX

Z; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(CBL,ATZ,CBF,MTL,SZ,PCZ,ACL),OK(ALL CHEMS).

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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).
444. Randell, R. , Butler, J. D., and Hughes, T. D. (1972). The Effect of Pesticides on Thatch Accumulation and Earthworm Populations in Kentucky Bluegrass Turf. *Hortscience* 7: 64-65.
- EcoReference No.: 44303
Chemical of Concern: CBL,CHD,DLD,PMA; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).
445. Rao, D. M., Murty, A. S., and Swarup, P. A. (1984). Relative Toxicity of Technical Grade

and Formulated Carbaryl and 1-Naphthol to, and Carbaryl-Induced Biochemical Changes in, the Fish *Cirrhinus mrigala*. *Environ.Pollut.Ser.A* 34: 47-54.

EcoReference No.: 10502

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

446. Rao, I. G. and Singh, D. K. (2002). Toxic Effect of Single and Binary Treatments of Synthetic and Plant-Derived Molluscicides Against *Achatina fulica*. *J.Appl.Toxicol.* 22: 211-215.

EcoReference No.: 77559

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

447. Rao, K. R. S. S. (1987). Variations in the Nitrogen Products of *Channa punctatus* Augmented by Interaction of Carbaryl and Phenthoate in the Media. *J.Environ.Biol.* 8: 173-177.

EcoReference No.: 12642

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

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EcoReference No.: 11217

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

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EcoReference No.: 450

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

450. Rao, K. S. P., Rao, K. R. S. S., Sahib, I. K. A., and Rao, K. V. R. (1985). Combined Action of Carbaryl and Phenthoate on Tissue Lipid Derivatives of Murrel, *Channa punctatus* (Bloch). *Ecotoxicol.Environ.Saf.* 9: 107-111.

EcoReference No.: 10584

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

451. Rao, K. V. R., Ghouselazam, S., and Surendranath, P. (1991). Inhibition and Recovery of Selected Target Enzyme Activities in Tissues of Penaeid Prawn, *Metapenaeus monoceros* (Fabricius), Exposed to Different Insecticides. *Indian J.Exp.Biol.* 29: 489-491.

EcoReference No.: 3724

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

452. Rawash, I. A., Gaaboub, I. A., El-Gayar, F. M., and El-Shazli, A. Y. (1975). Standard Curves for Nuvacron, Malathion, Sevin, DDT and Kelthane Tested Against the Mosquito *Culex pipiens* L. and the Microcrustacean *Daphnia magna* Straus. *Toxicology* 4: 133-144 (Author

Communication Used).

EcoReference No.: 5539

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

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EcoReference No.: 87560

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

454. Reddy, M. S., Jayaprada, P., and Rao, K. V. R. (1990). Recovery of Carbaryl Inhibited AChE in Penaeid Prawn, *Metapenaeus monoceros*. *Biochem.Int.* 22: 189-198.

EcoReference No.: 3988

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

455. Reddy, M. S. and Rao, K. V. R. (1991). Methylparathion, Carbaryl and Aldrin Impact on Nitrogen Metabolism of Prawn, *Penaeus indicus*. *Biochem.Int.* 23: 389-396.

EcoReference No.: 3993

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).

458. Relyea, R. A. (2004). Growth and Survival of Five Amphibian Species Exposed to Combinations of Pesticides. *Environ.Toxicol.Chem.* 23: 1737-1742.

EcoReference No.: 86767

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

459. Relyea, R. A. (2005). The Impact of Insecticides and Herbicides on the Biodiversity and Productivity of Aquatic Communities. *Ecol.Appl.* 15: 618-627.

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: LITE EVAL CODED(CBL).
461. 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,PYT,PMR,DMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PMR,DMT),TARGET(RSM).
462. Reynolds, T. (1978). Comparative Effects of Aromatic Compounds on Inhibition of Lettuce Fruit Germination. *Ann.Bot.* 42: 419-427 (OECDG Data File).
- 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).
463. Riad, Y., El-Nahas, H. M., El-Kady, E. M., and El-Bardan, A. A. (1992). Aromatic Sulphides, Sulphoxides, and Sulphones as Larvicides for *Culex pipiens molestus* and *Aedes caspius* (Diptera: Culicidae). *J.Econ.Entomol.* 85: 2096-2099.
- EcoReference No.: 13544
 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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- EcoReference No.: 60409
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 87667
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH,BCM,PHY; Rejection Code: LITE EVAL CODED(CBL).
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- EcoReference No.: 53641
 Chemical of Concern: CBL,CBF; Habitat: T; Effect Codes: BEH,GRO; Rejection Code: LITE EVAL CODED(CBF,CBL).
467. Robens, J. F. (1969). Teratologic Studies of Carbaryl, Diazinon, Norea, Disulfiram, and Thiram in Small Laboratory Animals. *Toxicol.Appl.Pharmacol.* 15: 152-163.

- EcoReference No.: 84742
 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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- 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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- EcoReference No.: 35406
 Chemical of Concern: CBL; Habitat: T; Effect Codes: BEH,GRO,BCM; Rejection Code:
 LITE EVAL CODED(CBL).
470. 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(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).
472. Ruppert, P. H., Cook, L. L., Dean, K. F., and Reiter, L. W. (1983). Acute Behavioral Toxicity of Carbaryl and Propoxur in Adults Rats. *Pharmacol.Biochem.Behav.* 18: 579-584.
- EcoReference No.: 87851
 Chemical of Concern: CBL,PPX; Habitat: T; Effect Codes: BEH,BCM,GRO; Rejection
Code: LITE EVAL CODED(CBL),OK(PPX).
473. Rzehak, K., Maryanska-Nadachowska, A., and Jordan, M. (1977). The Effect of Karbatox 75, a Carbaryl Insecticide, upon the Development of Tadpoles of *Rana temporaria* and *Xenopus laevis*. *Folia Biol.(Krakow)* 25: 391-399.
- EcoReference No.: 7662
 Chemical of Concern: CBL; Habitat: A; Effect Codes: CEL,GRO,MOR,POP; Rejection
Code: LITE EVAL CODED(CBL).
474. Sadek, M., Samaan, H., and El-Garawany, A. (1989). The In Vivo and In Vitro Inhibition of Serum Aminotransferases by Anticholinesterase Insecticides in Rats. *Egypt.J.Pharm.Sci.* 30:

437-444.

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).

476. Salama, H. S., Foda, M. S., Zaki, F. N., and Moawad, S. (1984). Potency of Combinations of *Bacillus thuringiensis* and Chemical Insecticides on *Spodoptera littoralis* (Lepidoptera: Noctuidae). *J. Econ. Entomol.* 77: 885-890.

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).

477. Sampath, K. and Elango, P. (1997). Lipid Metabolism in Common Frog (*Rana tigrina*) Exposed to Carbaryl. *J. Environ. Biol.* 18: 23-26.

EcoReference No.: 66373

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

478. Sampath, K., Elango, P., and Thanalakshmi, S. (1992). Effect of Carbaryl (Sevin) on the Carbohydrate Metabolism of the Common Frog *Rana tigrina*. *Environ. Ecol.* 10: 278-281.

EcoReference No.: 86761

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

479. Sampath, K., Kennedy, I. J. J., and James, R. (2002). Pesticide Impact on Excretory Physiology of the Common Frog, *Rana tigrina* (Daud) Tadpoles. *Bull. Environ. Contam. Toxicol.* 68: 652-659.

EcoReference No.: 65895

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

480. 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,MCPP,PYD,FXP,BT,MTL,PDM,CBL,MTSM,AMTL,CQTC,DPP1,MCPP 1, Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(SZ,MTL,ATZ,CQTC),NO MIXTURE(MCPP1,DPP1),OK(ALL CHEMS).

481. Samsøe-Petersen, L. (1987). Laboratory Method for Testing Side-Effects of Pesticides on the Rove Beetle *Aleochara bilineata* - Adults. *Entomophaga* 32: 73-81.

EcoReference No.: 70278

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).

482. Samsøe-Petersen, L. (1987). Laboratory Method for Testing Side-Effects of Pesticides on the Rove Beetle *Aleochara bilineata* - Adults. *Entomophaga* 32: 73-81.

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).

483. Samson, P. R., Parker, R. J., and Jones, A. L. (1989). Laboratory Studies on Protectants for Control of *Sitophilus oryzae* (Coleoptera: Curculionidae) and *Rhyzopertha dominica* (Coleoptera: Bostrichidae) in Paddy Rice. *J.Stored Prod.Res.* 25: 39-48.

EcoReference No.: 70629

Chemical of Concern: RSM,CYP,CBL_ _; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CYP,RSM).

484. Sanders, H. O. (1969). Toxicity of Pesticides to the Crustacean *Gammarus lacustris*. *Tech.Pap.No.25, U.S.D.I., Bur.Sports Fish.Wildl., Fish Wildl.Serv., Washington, D.C.* 18 p. (Author Communication Used)(Used with Reference 732) (Publ in Part As 6797).

EcoReference No.: 885

Chemical of Concern:

SZ,EDT,24DXY,AZ,CBL,CMPH,CPY,DBN,DMB,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PAQT,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).

485. Sanders, H. O. (1972). Toxicity of Some Insecticides to Four Species of Malacostracan Crustaceans. *Tech.Pap.No.66, Bur.Sports Fish.Wildl., Fish Wildl.Serv., U.S.D.I., Washington, D.C.* 19 p. (Publ in Part As 6797).

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).

486. Sanders, H. O. and Cope, O. B. (1968). The Relative Toxicities of Several Pesticides to Naiads of Three Species of Stoneflies. *Limnol.Oceanogr.* 13: 112-117 (Author Communication Used) (Publ in Part As 6797).

EcoReference No.: 889

Chemical of Concern:

24DXY,AZ,CBL,CPY,DBN,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PYN,TFN,RTN,As,NaN3,ATN,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,MLT,DMT,RTN,NaN3,ATN),OK(ALL CHEMS).

487. Santharam, K. R., Thayumanavan, B., and Krishnaswamy, S. (1976). Toxicity of Some Insecticides to *Daphnia carinata* King, an Important Link in the Food Chain in the Freshwater Ecosystems. *Indian J.Ecol.* 3: 70-73 (OECDG Data File).

EcoReference No.: 5194
Chemical of Concern: DDT,CBL,ES,MLN,PMR; Habitat: A; Effect Codes: MOR;
Rejection Code: LITE EVAL CODED(CBL),OK(ALL CHEMS).

488. Sappington, L. C., Mayer, F. L., Dwyer, F. J., Buckler, D. R., Jones, J. R., and Ellersieck, M. 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).

491. Sastry, K. V., Siddiqui, A. A., and Samuel, M. (1988). Acute and Chronic Toxic Effects of the Carbamate Pesticide Sevin on Some Haematological, Biochemical and Enzymatic Parameters in the Fresh Water Teleost Fish *Channa punctatus*. *Acta Hydrochim.Hydrobiol.* 16: 625-631.

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).

494. Scaps, P., Demuynck, S., Descamps, M., and Dhainaut, A. (1997). Effects of Organophosphate and Carbamate Pesticides on Acetylcholinesterase and Choline Acetyltransferase Activities of the Polychaete *Nereis diversicolor*. *Arch.Environ.Contam.Toxicol.* 33: 203-208.

- EcoReference No.: 18418
 Chemical of Concern: MLN,PRN,PHSL,CBL; Habitat: A; Effect Codes: MOR,BCM;
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).
496. Schuytema, G. S., Nebeker, A. V., and Griffis, W. L. (1994). Effects of Dietary Exposure to Forest Pesticides on the Brown Garden Snail *Helix aspersa* Muller. *Arch. Environ. Contam. Toxicol.* 26: 23-28.
- 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).
500. Semlitsch, R. D., Bridges, C. M., and Welch, A. M. (2000). Genetic Variation and a Fitness Tradeoff in the Tolerance of Gray Treefrog (*Hyla versicolor*) Tadpoles to the Insecticide Carbaryl. *Oecologia* 125: 179-185.
- EcoReference No.: 62322
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE
 EVAL CODED(CBL).

501. Seuge, J. and Bluzat, R. (1983). Chronic Toxicity of Three Insecticides (Carbaryl, Fenthion and Lindane) in the Freshwater Snail *Lymnaea stagnalis*. *Hydrobiologia* 106: 65-72.
- EcoReference No.: 11221
Chemical of Concern: CBL,HCCH,FNTH; Habitat: A; Effect Codes: GRO,REP,POP;
Rejection Code: LITE EVAL CODED(CBL),OK(HCCH,FNTH).
502. Shacklock, P. F. and Croft, G. B. (1981). Effect of Grazers on *Chondrus crispus* in Culture. *Aquaculture* 22: 331-342.
- EcoReference No.: 69472
Chemical of Concern: DMT,MLN,CBL,RTN,DZ; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(CBL,DZ,MLN),OK(DMT,RTN).
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Chemical of Concern: CBL,ES; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(ES).
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Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM,CEL; 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: CBF,CBL; Habitat: A; Effect Codes: MOR,BEH,PHY; Rejection Code: LITE EVAL CODED(CBL,CBF).
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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: PPHD,AND,CBL; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBL),OK(PPHD,AND).
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Chemical of Concern: CBL,PRT; Habitat: A; Effect Codes: MOR,BCM; Rejection Code:
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Chemical of Concern: CBL; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: LITE
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Chemical of Concern: CBL,PRT; Habitat: A; Effect Codes: REP,MOR; Rejection Code:
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Chemical of Concern: CBL,PPB; Habitat: A; Effect Codes: PHY,BCM,CEL; Rejection Code:
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Chemical of Concern: CBL,ADC,TCF,PRT; Habitat: A; Effect Codes: MOR; Rejection Code:
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Chemical of Concern: CBL,PRT,ADC,TCF; Habitat: A; Effect Codes: MOR; Rejection Code:
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 Chemical of Concern: MLN,CBL; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(MLN,CBL).
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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: ES,PRT,TDC,CBL,DZ,CPY,CBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,CBF,PRT),OK(ALL CHEMS) .
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 Chemical of Concern: CBF,CPY,DZ,CBL,ES,TDC,PRT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,CBF,PRT),OK(CPY,ES),OK TARGET(TDC).
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 Chemical of Concern: CBF,CPY,DZ,CBL,ES,TDC,PRT
 Endpoint: MOR; Habitat: A; Rejection Code: LITE EVAL CODED(CBF).
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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; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL),OK(MLN).
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Chemical of Concern: CBL; Habitat: A; Effect Codes: PHY,CEL; Rejection Code: LITE EVAL CODED(CBL).
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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: 24DXY,CBL,DU,DZ; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(DZ),LITE EVAL CODED(CBL).
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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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Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL).
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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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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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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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Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
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Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL).
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- 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,HgCl2,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,DLN,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,DLN,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

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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).

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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).

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

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

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EcoReference No.: 3113

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

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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).
23. Amer, S. M. and Farah, O. R. (1968). Cytological Effects of Pesticides III. Meiotic Effects of N-Methyl-1-Naphthyl Carbamate "Sevin". *Cytologia* 33: 337-344 .
- 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,NaN₃,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).

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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.Aplic.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.

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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-l'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,HgCl₂,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 Aphidophaga, 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 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).

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 Schädigung Wassergefährdender Stoffe Gegen Blaualgen (Microcystis aeruginosa) und Grünalgen (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,HgCl2,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FU R,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,HgCl2,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).

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,HgCl2,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).
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,HgCl2,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).
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,DLN,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 Investigatins. *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.

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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).

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EcoReference No.: 3461

Chemical of Concern: CBL,MLN,ACL,RTN,NP,PCP; Habitat: A; Effect Codes: PHY,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

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

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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).

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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 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.Environ.Chem.* 7: 61-71.
- EcoReference No.: 45160
 Chemical of Concern: CBL,PbAC,PCP,DLDD,DDT,HCCH,Cd,HgCl₂; 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 Acetylator 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,DLDD,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. Cir. 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,DLDD,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,DLDD,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,DLDD,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 på Ulike Steder i Norge). *Norsk.Landbruksforskning* 10: 181-188.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO MIXTURE, OM, pH,
 CONTROL, CONCS, ERE.
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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).
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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT(CBL).
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Chemical of Concern: CBL,DNT; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
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- EcoReference No.: 19530
Chemical of Concern: CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ABSTRACT(CBL).
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- EcoReference No.: 73145
Chemical of Concern: PRN,CBL,AZ,ACP,DM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ACP,AZ,CBL).
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- 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).
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- EcoReference No.: 73431
Chemical of Concern: CBL,ACP,CPY,DCNA; Habitat: T; Rejection Code: NO FOREIGN.
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- 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).

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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).

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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).

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EcoReference No.: 88906

Chemical of Concern: CBL; Habitat: T; Effect Codes: GRO,MOR,CEL,PHY; Rejection Code: NO CONTROL(CBL).

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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).

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EcoReference No.: 88727

Chemical of Concern:

ETN,Naled,FNV,PRN,ES,OML,PPHD,MTM,MOM,MVP,MLN,DCF,CBL,DZ,AZ,DMT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(MOM,CBL).

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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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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).
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- EcoReference No.: 25479
Chemical of Concern: CBL,DZ,PPN; Habitat: T; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).
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- 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.
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- Chemical of Concern: PMR,DM,ES,PRN,DDT,CBL,PYT; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
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(*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.

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EcoReference No.: 88519

Chemical of Concern: CBL,AZ; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(TARGET-CBL,AZ).

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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).

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EcoReference No.: 2350

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

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EcoReference No.: 77201

Chemical of Concern: CBL,DZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(DZ,CBL)/NO DIET,COC.

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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).

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- EcoReference No.: 16192
 Chemical of Concern: CBL; Habitat: A; Effect Codes: MOR,GRO,PHY,BCM; Rejection Code: NO ENDPOINT(CBL).
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- 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).
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- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO IN VITRO,NO BACTERIA.
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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).

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

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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).

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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).

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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).

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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.

238. Georghiou, G. P. (1972). Studies on Resistance to Carbamate and Organophosphorus Insecticides in *Anopheles albimanus*. *Am.J.Trop.Med.Hyg.* 21: 797-806.

Chemical of Concern: ABT,PPX,CBL,MP,PRN,MLN,DDT,DLD,FNTH,FNT,DDVP,CPY;
Habitat: T; Rejection Code: NO REVIEW(ALL CHEMS).

239. Geyer, H., Politzki, G., and Freitag, D. (1984). Prediction of Ecotoxicological Behaviour of Chemicals: Relationship Between N-Octanol/Water Partition Coefficient and Bioaccumulation of Organic Chemicals by Alga *Chlorella*. *Chemosphere* 13: 269-283.

EcoReference No.: 11297

Chemical of Concern: PCP,24DXY,BZO,CYP,PNB,ATZ,CBL,DBN,HCCH,NAPH; Habitat:
A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

240. Ghersi-Egea, J. F., Walther, B., Decolin, D., Minn, A., and Siest, G. (1987). The Activity of 1-Naphthol-UDP-Glucuronosyltransferase in the Brain. *Neuropharmacology* 26: 367-372.

EcoReference No.: 88476

Chemical of Concern: CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO IN VITRO(CBL).

241. Ghosh, C., Ray, A. K., Bhattacharya, S., and Bhattacharya, S. (2001). Sub-Lethal Concentration of Pesticides Impair Interrenal Steroidogenesis in Freshwater Perch, *Anabas testudineus*. *Asian J.Microbiol., Biotechnol.Environ.Sci.* 3: 17-24.

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

242. Ghosh, P. and Bhattacharya, S. (1992). In Vivo and In Vitro Acetylcholinesterase Inhibition by Metacid-50 and Carbaryl in *Channa punctatus* Under Natural Field Condition. *Biomed.Environ.Sci.* 5: 18-24.

EcoReference No.: 13352

Chemical of Concern: CBL,MP; Habitat: A; Rejection Code: NO MIXTURE.

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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: 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 ENDPOINT(DMT,CBL).
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Chemical of Concern: IAA,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(IAA,CBL).
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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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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: DFM,WFN,CPC,DPC,CBL; Habitat: T; Effect Codes: PHY,BEH,MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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

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EcoReference No.: 70501

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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EcoReference No.: 25150

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; 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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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.: 5145
Chemical of Concern: 24DXY,CBL,CPY,MLN,DDT,EN; Habitat: A; Effect Codes: BEH; Rejection Code: NO CONTROL(CBL).

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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: CrCl3,NaCN,CBL; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

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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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Chemical of Concern:
CBL,DDT,EN,DLD,AND,PRN,MP,DZ,MOM,RTN,ATN,FBM,Ziram,FNT,ANZ,NaPCP,Zn;
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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).

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- 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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 Chemical of Concern: MCB,MAL,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(CBL,MCB).
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 Chemical of Concern: PNB,Pb,DDT,ES,CHD,HCCH,TXP,AND,EN,DLD,CBL,PRN,CPY; Habitat: T; Rejection Code: NO COC,NO REVIEW.
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 Chemical of Concern: RSM,CBL,HCCH,CYP,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,RSM,DZ).
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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.

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EcoReference No.: 87757
Chemical of Concern: CBL,PPX,DM; Habitat: T; Effect Codes: BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

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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).

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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).

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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).

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Garden Beetle Grubs on a Golf Course Rough in Snyder County, PA, 1987.
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EcoReference No.: 88827

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

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EcoReference No.: 88828

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

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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,DLD,CBL,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).

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

EcoReference No.: 79045

Chemical of Concern: 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).

308. Herbert, D. A. Jr. (1992). Experimental Foliar Treatments for Control of Tobacco Thrips in Peanut, 1991. *In: A.K.Burditt,Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 245.

EcoReference No.: 79774

Chemical of Concern: ACP,CYH,CBL,ADC,FPP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ACP,ADC,CBL).

309. Hermann, G. (1975). Routine Testing of New Bayer Pesticides for Fish Toxicity, as Part of the Product Development Programme Pflanzenschutz-Nachr. 28: 197-209.
- EcoReference No.: 50152
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO METHODS.
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- EcoReference No.: 16045
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO ABSTRACT,FOREIGN(CBL).
311. Herve, J. J. (1985). Agricultural, Public Health and Animal Health Usage. In: *J.P.Leahey (Ed.), The Pyrethroid Insecticides, Chapter 6, Taylor and Francis, London 343-425.*
- EcoReference No.: 72263
Chemical of Concern: PRN,ES,CPY,DZ,CBL,DLD,RSM,DDT; Habitat: T; Rejection Code: NO REVIEW.
312. Heungens, A. (1969). L'Influence de la Fumure et des Pesticides aldrine, Carbaryl et DBCP sur la Faune du sol dans la Culture des Azales. *Rev.Ecol.Biol.Sol.* 6: 131-145 (FRE) (ENG ABS).
- EcoReference No.: 59468
Chemical of Concern: CBL; Habitat: T; Rejection Code: NO FOREIGN.
313. Hickey, C. W., Roper, D. S., and Buckland, S. J. (1995). Metal Concentrations of Resident and Transplanted Freshwater Mussels *Hyridella menziesi* (Unionacea: Hyriidae) and Sediments in the Waikato River, New Zealand. *Sci Total Environ* 175: 163-177.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO SEDIMENT,SURVEY.
314. Hirai, Y. (1991). Major Pests of Maize and Control Measures in Japan. *JARQ* 25: 12-16.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO REVIEW(CBL).
315. Hirakoso, S. (1969). Inactivating Effects of Micro-organisms on Insecticidal Activity of Dursban. *Jpn.J.Exp.Med.* 39: 17-20.
- Chemical of Concern: CPY,PRN,CBL; Habitat: AT; Rejection Code: NO SPECIES,NO BACTERIA.
316. Hirakoso, S. (1968). Inactivation of Some Insecticides by Bacteria in Mosquito Breeding Polluted Water. *Jpn.J.Exp.Med.* 38: 327-334.
- EcoReference No.: 62777
Chemical of Concern: DZ,CBL; Habitat: A; Rejection Code: NO BACTERIA.
317. Hirose, K. and Kitsukawa, M. (1976). Acute Toxicity of Agricultural Chemicals to Seawater Teleosts, with Special Respect to TLM and the Vertebral Abnormality. *Bull.Tokai Reg.Fish.Res.Lab.(Tokai-Ku Suisan Kenkyusho Kenkyo Hokoku)* 84: 11-20 (JPN) (ENG ABS).

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).

320. Hitchcock, A. E. and Zimmerman, P. W. (1941). The Use of Naphthalenacetic Acid and Its Derivatives for Preventing Fruit Drop of Apple. *Proc.Am.Soc.Horticult.* 38: 104-110.

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.

324. Hooda, P. S. and Alloway, B. J. (1996). The Effect of Liming on Heavy Metal Concentrations in Wheat, Carrots and Spinach Grown on Previously Sludge-Applied Soils. *J.Agric.Sci.* 127: 289-294.

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).

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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).

328. Houston, J. B., Upshall, D. G., and Bridges, J. W. (1975). Phamacokinetics and Metabolism of Two Carbamate Insecticides, Carbaryl and Landrin, in the Rat. *Xenobiotica* 5: 637-648.

EcoReference No.: 50331

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

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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.

Chemical of Concern: MOM,EFV,PSM,CBL,ES; Habitat: T; Rejection Code: NO

CONC,TARGET(MOM).

332. Hurwood, I. S. (1967). Studies on Pesticide Residues. 2. Carbaryl Residues in the Body Tissues and Milk of Cattle Following Dermal Application. *Queens.J.Agric.Anim.Sci.* 24: 69-74.
- EcoReference No.: 37218
Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(CBL).
333. Hwang, S. W. and Schanker, L. S. (1974). Absorption of Carbaryl from the Lung and Small Intestine of the Rat. *Environ.Res.* 7: 206-211.
- EcoReference No.: 87676
Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO CONTROL,ENDPOINT(CBL).
334. Imada, K. (1976). Studies on the Vertebral Malformation of Fishes III. Vertebral Deformation of Goldfish (*Carassius auratus*) and Medakafish (*Olyzias latipes*) Exposed to Carbamate Insecticides. *Hokkaidoritsu Suisan Fukajo Kenkyu Hokoku* 31: 43-65 (JPN) (ENG ABS).
- EcoReference No.: 7806
Chemical of Concern: CBL; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: NO FOREIGN(CBL).
335. 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,Nab am,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(ATZ,RTN,PPZ),OK(ALL CHEMS).
336. Inoue, K. (1987). (A-III) Insecticides: Fruit Trees. *Jpn.Pestic.Inf.* 50: 28-29.
- Chemical of Concern: CYF,FVL,CBL,BFT; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
337. Iqbal, S. H. and Khalil, S. (1981). Effect of DDT on Vesicular Arbuscular Mycorrhizal Plants of Different Ages and Subsequent Production of Endogonaceous Spores by the Vesicular Arbuscular Endophytes. *Bull.Mycol.* 1: 101-110.
- Chemical of Concern: CBL; Habitat: T; Rejection Code: NO ARCHIVE.
338. Ishii, Y. and Hashimoto, Y. (1970). Metabolic Fate of Carbaryl (1-Naphthyl N-Methyl Carbamate) Orally Administered to Carp, *Cyprinus carpio*. *Bull.Agric.Chem.Insp.Stn.* 10: 48-50 (JPN) (ENG ABS).
- EcoReference No.: 9590
Chemical of Concern: CBL; Habitat: A; Rejection Code: NO FOREIGN(CBL).
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Radiosensitive Mutant M10. *Free Radic.Biol.Med.* 13: 299-304 .

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).

341. Jacob, J., Schmoldt, A., Hamann, M., Raab, G., and Grimmer, G. (1987). Monooxygenase Induction by Various Xenobiotics and Its Influence on Rat Liver Microsomal Metabolism of Chrysene in Comparison to Benz[a]anthracene. *Cancer Lett.* 34: 91-102.

Chemical of Concern: PCB,PCP,DDT,CBL,HCCH,PAH; Habitat : T; Rejection Code: NO ENDPOINT(ALL CHEMS).

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

EcoReference No.: 76934

Chemical of Concern: CPY,MLN,PSM,DZ,DMT,CBL,PIM,MOM,ES,IMC,TMX,BFT;
Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(BFT,DZ).

343. 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),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).

348. Jena, P. K., Adhya, T. K., and Rao, V. R. (1987). Influence of Carbaryl on Nitrogenase Activity and Combinations of Butachlor and Carbofuran on Nitrogen-Fixing Microorganisms in Paddy Soils. *Pestic.Sci.* 19: 179-184.

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

349. Jenkins, D., Klein, S. A., Yang, M. S., Wagenet, R. J., and Biggar, J. W. (1978). The Accumulation, Translocation and Degradation of Biocides at Land Wastewater Disposal Sites: the Fate of Malathion, Carbaryl, Diazinon and 2,4-D Butoxyethyl Ester. *Water Res.* 12: 713-723.

Chemical of Concern: CBL,MLN,DZ; Rejection Code: NO SPECIES.

350. Jenkins, K. D. (1991). Metal Adaptation in the Polychaete *Neanthes arenaceodentata*. Annual Report, Year 2. *Rep.No.DOE/ER/60495-T2, National Inst.of Standards and Technology, Gaithersburg, MD, Ionizing Radiation Div., U.S.Dep.Energy* 14.

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).

352. John, P. J. and Prakash, A. (2003). Bioaccumulation of Pesticides on Some Organs of Freshwater Catfish *Mystus vittatus*. *Bull.Environ.Contam.Toxicol.* 70: 1013-1016.

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,DQTB_r,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,DQTB_r,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, *Paratelpusa 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 Goldorfentest). *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 Kunzentrationen. *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,NaN₃,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., Fagnart, 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,Al,NH,As,ATZ,Ba,BNZ,Be,Cd,CBL,CTC,CHD,Cl,Cl2,CBZ,CF,CPH,CPY,Cr,Co,cU,CN,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,TP,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 Daphnis 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. 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 Zn²⁺ 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.Stm.Res.Ser.* 453: 61-69.

Chemical of Concern: MLT,BMY,CBL,TBC,CBF,MP,D CPA,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.

422. 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),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).

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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).

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EcoReference No.: 629

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

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EcoReference No.: 83784

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

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Chemical of Concern: CBL; Habitat: T; Rejection Code: No Mixture-Field, Control, Duration, Concs, Ere,NO MIXTURE,SURVEY.

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- 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).
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- 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).
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- 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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- 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).
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- 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.Stm., 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,DLD,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.
451. Maine Forest Serv., Dep. of Conservation (1980). Effects of Carbaryl (Sevin) on Brook Trout 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.
452. Maine Forest Serv., Dep. of Conservation (1978). Effects of Sevin, a Spruce Budworm Insecticide on Fish and Invertebrates in the Mattawamkeag River in 1976. *In: K.G.Stratton (Ed.), Environ.Monit.of Cooperative Spruce Budworm Control Projects, Maine 1976 and 1977, Maine Forest Serv., Dep.of Conservation, Augusta, ME* 1-242.
- 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 Supprjession 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.
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- EcoReference No.: 87664
 Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO CONTROL,ENDPOINT(CBL).
456. 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,ACP,CBL).
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- 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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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).

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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 Bekampfung 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.

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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).
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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 Ixodicides 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. Mitsuhashi, J., Grace, T. D. C., and Waterhouse, D. F. (1970). Effects of Insecticides on Cultures of Insect Cells. *Entomol.Exp.Appl.* 13: 327-341 .
- EcoReference No.: 2797
Chemical of Concern:
CBL,DZ,HCCH,MLN,PPB,PYN,RTN,ATN,AND,DDT,DLD,MXC,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 Liposcelidid 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 Aчитuv, 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-Pyreneone 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,MCPP1,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.

540. Office of Pesticide Programs (2000). Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). *Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.*

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,IPD,IZP,KMFD,LNR,MAL,MB,MBZ,MCP1,MCP2,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,TFN,TFR,TMT,TPR,TRB,WFN,ZnP,PRO; Habitat: AT; Effect Codes: MOR,POP,PHY,GRO,REP; Rejection Code: NO EFED (344).

541. Ogiu, T., Nishimura, M., Watanabe, F., Ukai, H., Ishii-Ohba, H., Shimada, Y., Tsuji, H., Sakurai, J., and Hino, O. (2000). Absence of Linkage Between Radiosensitivity and the Predisposing Atp7b Gene Mutation for Heritable Hepatitis in the LEC Rat. *Radiat.Res.* 154: 113-116.

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

542. Oomen, P. A., Jobsen, J. A., Romeijn, G., and Wieggers, G. L. (1994). Side-Effects of 107 Pesticides on the Whitefly Parasitoid Encarsia formosa, Studies and Evaluated According to EPPO Guideline No. 142. *Bull.OEPP* 24: 89-107.

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).

546. 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:

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).

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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.Enviroin.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).
554. Peschek, G. A. (1979). Nitrate and Nitrite Reductase and Hydrogenase in *Anacystis nidulans*
 Grown in Fe- and Mo-Deficient Media. *FEMS (Fed.Eur.Microbiol.Soc.) Microbiol.Lett.* 6:
 371-374.
- EcoReference No.: 67587
 Chemical of Concern: CBL; Habitat: A; Rejection Code: NO MIXTURE.
555. Peshney, N. L. (1990). Compatibility of Fungicides with Some Insecticides with Reference to
 Fungitoxicity and Phytotoxicity. *PKV (Punjabrao Krishi Vidyapeeth) Res.J.* 14: 35-37.
- 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).
557. Peter, J., Ali, A. S., and Ali, S. A. (1996). Effect of Certain Phenolic Compounds on the
 Isolated Scale Melanophores of the Fish, *Channa punctatus*. *Pigment Cell Res.* 68 (No. 188).
- 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).
559. Phipps, G. L., Harden, M. J., Leonard, E. N., Roush, T. H., Spehar, D. L., Stephan, C. E.,
 Pickering, Q. H., and Buikema, A. L. J. (1984). Effects of Pollution on Freshwater

Organisms. *J.Water Pollut.Control Fed.* 56: 725-758.

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).

565. Pol, E. W. V. D. (1968). Note on the Determination of Carbaryl Residues in Hen Skin. *J.Assoc.Off.Anal.Chem.* 51 : 901.

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).

568. Poortinga, A. M. and De Kok, L. J. (2000). Sulfate and Thiol Levels in Roots and Shoot of Sulfur-Deprived Spinach Plants as Affected by High Pedospheric Sulfate Levels. *Phyton* 40: 95-102.

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,PFF,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 Tryggstad, 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.Ecotoxicol.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.Ecotoxicol.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.EnvIRON.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:

DLD,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,PAQT,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,DLD,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.Abst.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 tetrahele* (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 Demuyne, 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 Blue-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 Nachauflaufherbizid im Herbst und Fruhjahr zur Bekämpfung 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).
657. Shinohara, A., Saito, K., Yamazoe, Y., Kamataki, T., and Kato, R. (1986). Inhibition of Acetyl-coenzyme a Dependent Activation of N-Hydroxyarylamines by Phenolic Compounds. Pentachlorophenol and 1-Nitro-2-Naphthol. *Chem.-Biol.Interact.* 60: 275-285.
- Chemical of Concern: PCP,PL,CBL; Habitat: T; Rejection Code: NO IN VITRO.
658. Shukla, D. S. and Misra, A. P. (1972). Effect of Soil Application of Fungicides in Inactivation of Sclerotia of *Ozonium texanum* var. *parasiticum* and Incidence of Gram Wilt. *Indian Phytopathol.* 25: 378-386.
- Chemical of Concern: PNB,CAPTAN,Cu,Hg,CBL; Habitat: T; Rejection Code: NO TOX DATA.
659. Sijm, D. T. H. M., Flenner, C. K., and Opperhuizen, A. (1991). The Influence of Biochemical Species Differences on Acute Fish Toxicity of Organic Chemicals. *Comp.Biochem.Physiol.C* 100: 33-35.
- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO REVIEW(ALL CHEMS).
660. Sikka, H. C., Miyazaki, S., and Rice, C. P. (1973). Metabolism of Selected Pesticides by Marine Microorganisms. *Rep.No.SURC-TR-73-520; Life Sci.Div., Syracuse University Res.Corp., Syracuse, NY* 16 p. (U.S.NTIS AD-763410).
- EcoReference No.: 8982
Chemical of Concern: CBL; Habitat: A; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(CBL).
661. Sikka, H. C. and Rice, C. P. (1974). Interaction of Selected Pesticides with Marine Microorganisms. *Office of Naval Res., Arlington, VA* 78 p. (U.S.NTIS AD-785079).
- EcoReference No.: 8713
Chemical of Concern: DDT,DLD,CBL,MXC; Habitat: A; Effect Codes: ACC,POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
662. Simwat, G. S. and Dhawan, A. K. (1993). Effect of Insecticides on Some Yield Contributing Parameters in Asiatic Cotton, *Gossypium arboreum* L. *J.Insect Sci.* 6: 305-306.
- EcoReference No.: 87631
Chemical of Concern: CYP,FNV,PMR,FYT,DM,FVL,PHSL,ES,DDT,FNT,CBL,ACP; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ACP).
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- EcoReference No.: 75555

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Chemical of Concern: SZ,PNB,ATZ,PCP,DDT,AND,DLD,HPT,EN,CHD,ES,DZ,PRN,CBL,FRN,MLT,ADC,CBF,CLNB; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.
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 Chemical of Concern: MLN,MP,CBL,DZ,MVP,24DXY,PRN,ATZ,CBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-MLN),NO MIXTURE(ATZ).
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 Chemical of Concern: CaPS,FNTH,AZ,DMT,PRN,DEM,ES,CBL,DDT,DLD; Habitat: T;
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Chemical of Concern: RSM,CBL,CHD,CPY,DDT,DZ,DLA,EN,HCCH,DMB,DZM; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-DZ,CBL).
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Chemical of Concern: DDT,HPT,CPY,MLN,TMP,CBL,MOM,PPX,PMR,RSM; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
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Chemical of Concern: DDT,DLD,CBL,PRN,TPE; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: OK Coded ISSI (DLD); Coded CCK (DDT),NO ENDPOINT(CBL).

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

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Chemical of Concern: TBT,CBL,ADC,CBF; Habitat: T; Rejection Code: NO REVIEW.

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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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Chemical of Concern: CBF,CBL; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
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- EcoReference No.: 11856
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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- Chemical of Concern: CBF,CBL,BMY,CBD; Habitat: T; Rejection Code: NO REVIEW.
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Chemical of Concern: Captan, EPRN, CdS, ZnCl₂, CBL, MLN; Habitat: A; Effect Codes: BEH, MOR; Rejection Code: NO CONTROL(ALL CHEMS).
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- EcoReference No.: 55198
Chemical of Concern: CBL,DZ,MLN,NCTN; Habitat: T; Rejection Code: Not Ecossl Species//TARGET(MLN,DZ,NCTN,CBL).
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EcoReference No.: 7708

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

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EcoReference No.: 67523

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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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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- 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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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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- 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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EcoReference No.: 19577

Chemical of Concern:

24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLD,EN,DDVP,ACR,BMC,C aptan,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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EcoReference No.: 89171

Chemical of Concern: TVP,Naled,FNT,MLN,CBL,PPX; Habitat: AT; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 15997

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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Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC; Rejection Code:

ARCHIVE,NO SOURCE(ALL CHEMS).

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- Chemical of Concern: CBL; Habitat: A; Rejection Code: NO IN VITRO.
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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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Chemical of Concern: SZ,CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
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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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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: PAQT,TFN,CBL,ES,EFV,CTN; Habitat: T; Rejection Code: NO MIXTURE.
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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).
785. 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,DZ),TARGET(BFT).

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Chemical of Concern: CBL; Habitat: T; Rejection Code: NO DURATION,NO SURVEY.

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EcoReference No.: 39507

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

788. Zhu, Y. G., Huang, Y. Z., Hu, Y., and Liu, Y. X. (2003). Iodine Uptake by Spinach (*Spinacia oleracea* L.) Plants Grown in Solution Culture: Effects of Iodine Species and Solution Concentrations. *Environ.Int.* 29: 33-37.

EcoReference No.: 71281

Chemical of Concern: CBL; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: NO COC(IODN),TARGET(CBL).

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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).

L.3. ECOTOX accepted references, relevant to carbaryl degradates, cited within the risk assessment or used for deriving species sensitivity distributions

L.4. ECOTOX accepted references, relevant to carbaryl degradates, not utilized or cited within this risk assessment

L.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 AQUIRE 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.
17. 1982). DETERMINATION OF ACUTE TOXICITY TO FISH OF SHELL CHEMICALS. I. (NOTE: THIS DOCUMENT IS UNREADABLE). *EPA/OTS; Doc #878210129*.
Rejection Code: NO SOURCE, NO COC.
18. 1982). DETERMINATION OF THE CHEMICAL OXYGEN DEMAND OF SHELL CHEMICALS. *EPA/OTS; Doc #878210098*.
Rejection Code: METHODS.
19. 2000). THE DEVELOPMENT OF A TEST FOR THE POTABILITY OF WATER TREATED BY DIRECT REUSE SYSTEM (CONTRACT NO. DADA-17-73-C-3013) (FINAL REPORT). *EPA/OTS; Doc #40-8069226*.
Rejection Code: METHODS.
20. 1988). DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR EASTMAN KODAK COMPANY'S PROPOSED CELLULOSE TRIACETATE FILM BASE MACHINE ON METHYLENE CHLORIDE (VOLUME I - VOLUME V) W-LETTER DATED 111588. *EPA/OTS; Doc #86-890000038*.
Rejection Code: NO TOX DATA.
21. 1987). DRAFT FINAL REPORT ON THE FATE AND EFFECTS OF PRODUCED WATER DISCHARGES IN NEARSHORE MARINE WATERS (VOLUME I & II) WITH COVER LETTER DATED 091187. *EPA/OTS; Doc #FYI-AX-0987-0451*.
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.
23. 2000). EVALUATION OF VINYL FLUORIDE IN THE IN VITRO ASSAY FOR CHROMOSOME ABERRATIONS IN CHINESE HAMSTER OVARY (CHO) CELLS WITH COVER LETTER DATED 102286 . *EPA/OTS; Doc #86870000006.*
Rejection Code: IN VITRO.
24. 1989). FATE AND EFFECTS OF PRODUCED WATER DISCHARGES IN NEARSHORE MARINE WATERS (FINAL REPORT) WITH COVER LETTER DATED 101188. *EPA/OTS; Doc #FYI-AX-1288-0432.*
Rejection Code: FATE.
25. 1985). HYDROGEOLOGICAL INVESTIGATION AT THE FISHER SCIENTIFIC COMPANY FAIR LAWN NEW JERSEY FACILITY WITH COVER LETTER. *EPA/OTS; Doc #878216008.*
Rejection Code: SURVEY.
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.*
Rejection Code: SURVEY.
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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28. 1996). INACTIVE RANCHO CORDOVA TEST SITE, RANCHO CORDOVA, CA - TECHNICAL MEMORANDUM, SHALLOW SOIL SAMPLING, ADMINISTRATION AREA, WITH COVER LETTER DATED 7/24/96. *EPA/OTS; Doc #86960000520.*
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30. 1996). INACTV RANCHO CORDOVA TEST SITE, RANCHO CORDOVA, CA-TECH MEMO: LMTD ASSMT OF SEDIMENT/SURFACE WATER AT SELECTED VERNAL POOLS AND SOILS AT DM-14 ASSEMBLY AREA, W/CVR LTD DTD 7/24/96. *EPA/OTS; Doc #86960000522.*
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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.*
Rejection Code: NO COC.
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.
35. 1992). INITIAL SUBMISSION: MECARBAM/CARBARYL: ACUTE INHALATION STUDY IN RATS, 4 HOUR EXPOSURE WITH COVER LETTER DATED 042192 AND ATTACHMENT (SANITIZED). *EPA/OTS; Doc #88-920002293S.*
Rejection Code: INHALE.
36. 1992). INITIAL SUBMISSION: MECARBAM/CARBARYL WETTABLE POWDER: ACUTE ORAL TOXICITY STUDY IN RATS WITH COVER SHEET AND LETTER DATED 042192 (SANITIZED). *EPA/OTS; Doc #88-920002305S (NTIS/OTS0536357).*
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38. 1989). INTERNATIONAL PROGRAMME FOR THE EVALUATION OF SHORT-TERM TESTS FOR CARCINOGENICITY: THE ACTIVITY OF 27 CODED COMPOUNDS IN THE RL1 CHROMOSOME ASSAY WITH COVER SHEETS & LETTER 060689. *EPA/OTS; Doc #86-890000950.*
Rejection Code: METHODS.
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.*
Rejection Code: IN VITRO.
40. 1990). LETTER FROM HOECHST CELANESE CORP TO US EPA REGARDING SUBMISSION OF STUDY AND DATA FOR 1,5-NAPHTHALENEDISULFONIC ACID, 2-(4,5-DIHYDRO-3-METHYL-5-* WITH ATTACHMENTS (SANITIZED). *EPA/OTS; Doc #89-910000040.*
Rejection Code: NO COC.
41. 1990). LETTER FROM NATL PAINT & COATINGS ASSN TO US EPA SUBMITTING STUDIES ON SEVERAL SOLVENTS WITH ATTACHMENTS. *EPA/OTS; Doc #86-910000031.*
Rejection Code: NO COC.
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 ISOPROSPANOL. *EPA/OTS; Doc #86-920000727.*

Rejection Code: NO COC.

44. 1984). METABOIC FATE OF (U-14C) HYDROQUINONE ADMINISTERED BY GAVAGE TO MALE FISCHER 344 RATS WITH COVER LETTER. *EPA/OTS; Doc #878214473.*
Rejection Code: NO COC.
45. 2000). METHEMOGLOBIN INDUCING POTENTIAL OF VARIOUS SUBSTITUTED ANILINES WITH COVER LETTER DATED 121984. *EPA/OTS; Doc #40-8476328.*
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46. 1986). Method for maintaining a constant tension on a seismic marine cable : Carl H Savit assigned to Western Geophysical Company of America. *Ocean Engineering 13: I.*
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47. 1982). MUTAGENIC ACTIVITY OF BENZENAMINE, 4-CHLORO-2-NITRO IN THE SALMONELLA/MICROSOME ASSAY. *EPA/OTS; Doc #878220271.*
Rejection Code: BACTERIA.
48. 2000). ORGANO BROMIDES IODIDES AND FLUORIDES CLASS STUDY WITH COVER LETTER DATED 07/01/81. *EPA/OTS; Doc #40-8134106.*
Rejection Code: NO COC.
49. 1992). Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards. *Federal Register 57: 12560-601.*
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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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51. 1994). PHARMACOKINETIC PROFILE OF DODECAMETHYLPENTASILOXANE IN RATS FOLLOWING ORAL ADMINISTRATION, WITH COVER LETTER DATED 4/20/94. *EPA/OTS; Doc #86940001447.*
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52. 2000). PHARMACOKINETICS OF METHYL-T-BUTYL ETHER & TERT-BUTYL ALCOHOL IN MALE & FEMALE FISCHER 344 RATS AFTER SINGLE & REPEATED INHALATION (NOSE-ONLY) EXPOSURE TO MTBE (FINAL REPORT). *EPA/OTS; Doc #40-9013459.*
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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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55. 1996). Spain - Biosensor for organophosphorus pesticides and carbaryl in freeze-dried waters : In ANAL. CHIM. ACTA (311/3 (265-271) 1995) J.L. Marty, N. Mionetto, S. Lacorte & D. Barcelo of CID-CSIC report on `Validation of an enzymatic biosensor with various liquid chromatographic techniques for determining organophosphorus pesticides and carbaryl in freeze-dried waters'. *Biosensors and Bioelectronics* 11: xxi.
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56. 1996). SUMMARY OF IRCTS (INACTIVE RANCHO CORDOVA TEST SITE) SENSITIVE BIOTA FIELD INVESTIGATION 1993-1995, WITH COVER LETTER DATED 7/24/96. *EPA/OTS; Doc #86960000519*.
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57. 2000). SUPPORT DOCUMENT FOR THE SARA SECTION 110 "SECOND 100" LIST (DRAFT). *EPA/OTS; Doc #110-881013*.
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58. 1994). SUPPORT: SUPPLEMENTAL SUBMISSION ON GROUNDWATER CONTAMINATION, EPA DOC CNTL NO 8EHQ-0979-0310, AEROJET PROPULSION DIV, RANCHO CORDOVA, CA FACILITY WITH COVER LETTER DATED 032194. *EPA/OTS; Doc #0007859590*.
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59. 1987). TELEPHONE COMMUNICATION FROM SALESMAN TO OCCIDENTAL CHEM CORP REGARDING AN ITT RAYONIER STUDY CONDUCTED ON DF-112 WITH COVER LETTER DATED 021187. *EPA/OTS; Doc #86870000225*.
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61. 1982). TOTAL PARTICULATE GASES AND VAPORS (GENERAL) NITROSAMINES FORMALDEHYDE MISCELLANEOUS WITH COVER LETTER. *EPA/OTS; Doc #878210919*.
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62. 1991). XENOBIOTIC MINERALISATION AT LOW CONCENTRATIONS IN ENVIRONMENTAL SAMPLES - A PRELIMINARY SURVEY WITH COVER LETTER DATED 112791. *EPA/OTS; Doc #86-920000484*.
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63. Abad, A. and Montoya, A. (1995). Application of a monoclonal antibody-based ELISA to the determination of carbaryl in apple and grape juices: Papers Presented at the First Workshop on Biosensors and Biological Techniques in Environmental analysis, ESPCI. *Analytica Chimica Acta* 311: 365-370.
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66. 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. *Journal of Chromatography A*, 833 (1) pp. 3-12, 1999.
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67. Abad, J. M., Pariente, F., Hernandez, L., and Lorenzo, E. (1998). A quartz crystal microbalance assay for detection of antibodies against the recombinant African swine fever virus attachment protein p12 in swine serum. *Analytica Chimica Acta* 368: 183-189.
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68. ABBOTT HA (1986). THE INFLUENCE OF MOLASSES ON THE PHYSICAL PROPERTIES AND SPRAYABILITY OF TWO PESTICIDE FORMULATIONS. *PESTIC SCI; 17* 526-534.
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69. Abdel-Aal, Yehia A. I., Lampert, Emmett P., Roe, Richard M., and Semtner, Paul J. (1992). Diagnostic esterases and insecticide resistance in the tobacco aphid, *Myzus nicotianae* Blackman (Homoptera: Aphididae). *Pesticide Biochemistry and Physiology* 43: 123-133.
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74. ADAIR RJ and HOLTKAMP RH (1999). Development of a pesticide exclusion technique for assessing the impact of biological control agents for *Chrysanthemoides monilifera*. *BIOCONTROL SCIENCE AND TECHNOLOGY; 9* 383-390.
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75. Adamczewski, K. (1984). Use of Basagran to Papilionaceous Crops Seeded Alone or Undersown into Cereals in the Year of Sowing [Stosowanie Basagranu w Roku Zasiewu Roslin

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82. AGRELL, C., OKLA, L., LARSSON, P., BACKE, C., and WANIA, F. (1999). Evidence of latitudinal fractionation of polychlorinated biphenyl congeners along the Baltic Sea region. *ENVIRONMENTAL SCIENCE & TECHNOLOGY*; 33 1149-1156.
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