

APPENDIX B. Bibliography of ECOTOX Open Literature

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

Studies located and coded into ECOTOX must meet acceptability criteria, as established in the *Interim Guidance of the Evaluation Criteria for Ecological Toxicity Data in the Open Literature, Phase I and II*, Office of Pesticide Programs, U.S. Environmental Protection Agency, July 16, 2004. Studies that do not meet these criteria are designated in the bibliography as “Accepted for ECOTOX but not OPP.” The intent of the acceptability criteria is to ensure data quality and verifiability. The criteria parallel criteria used in evaluating registrant-submitted studies. Specific criteria are listed below, along with the corresponding rejection code.

- The paper does not report toxicology information for a chemical of concern to OPP; (Rejection Code: NO COC)
- The article is not published in English language; (Rejection Code: NO FOREIGN)
- The study is not presented as a full article. Abstracts will not be considered; (Rejection Code: NO ABSTRACT)
- The paper is not publicly available document; (Rejection Code: NO NOT PUBLIC (typically not used, as any paper acquired from the ECOTOX holding or through the literature search is considered public))
- The paper is not the primary source of the data; (Rejection Code: NO REVIEW)
- The paper does not report that treatment(s) were compared to an acceptable control; (Rejection Code: NO CONTROL)
- The paper does not report an explicit duration of exposure; (Rejection Code: NO DURATION)
- The paper does not report a concurrent environmental chemical concentration/dose or application rate; (Rejection Code: NO CONC)
- The paper does not report the location of the study (e.g., laboratory vs. field); (Rejection Code: NO LOCATION)
- The paper does not report a biological effect on live, whole organisms; (Rejection Code: NO IN-VITRO)
- The paper does not report the species that was tested; and this species can be verified in a reliable source; (Rejection Code: NO SPECIES)
- The paper does not report effects associated with exposure to a single chemical. (Rejection Code: NO MIXTURE). It should be noted that all papers including data on pesticide mixtures are considered.

Additionally, efficacy studies on target species are excluded and coded as NO TARGET.

Data that originated from the OPP Pesticide Ecotoxicity Database is coded as NO EFED. These data are already available to the chemical team.

Papers that Were Accepted by ECOTOX and OPP

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

EcoReference No.: 89117

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

2. Abdel-Rahman, A., Shetty, A. K., and Abou-Donia, M. B. (2001). Subchronic Dermal Application of N,N-Diethyl M-Toluamide (DEET) and Permethrin to Adult Rats, Alone or in Combination, Causes Diffuse Neuronal Cell Death and Cytoskeletal Abnormalities in the Cerebral Cortex and the Hippocampus, and Purkinje Neuron Loss in the Cerebellum. *Exp.Neurol.* 172 : 153-171.

EcoReference No.: 99532

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

3. Abou-Donia, M. B., Dechkovskaia, A. M., Goldstein, L. B., Abdel-Rahman, A., Bullman, S. L., and Khan, W. A. (2004). Co-Exposure to Pyridostigmine Bromide, DEET, and/or Permethrin Causes Sensorimotor Deficit and Alterations in Brain Acetylcholinesterase Activity. *Pharmacol.Biochem.Behav.* 77: 253-262.

EcoReference No.: 99534

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

4. Abou-Donia, M. B., Goldstein, L. B., Dechkovskaia, A., Bullman, S., Jones, K. H., Herrick, E. A., Abdel-Rahman, A. A., and Khan, W. A. (2001). Effects of Daily Dermal Application of DEET and Permethrin, Alone and in Combination, on Sensorimotor Performance, Blood-Brain Barrier, and Blood-Testis Barrier in Rats. *J.Toxicol.EnvIRON.Health Part A* 62: 523-541.

EcoReference No.: 99654

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

5. Abou-Donia, M. B., Goldstein, L. B., Jones, K. H., Abdel-Rahman, A. A., Damodaran, T. V., Dechkovskaia, A. M., Bullman, S. L., Amir, B. E., and Khan, W. A. (2001). Locomotor and Sensorimotor Performance Deficit in Rats Following Exposure to Pyridostigmine Bromide, DEET, and Permethrin, Alone and in Combination. *Toxicol.Sci.* 60: 305-314.

EcoReference No.: 99653

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

6. Abou-Donia, M. B., Wilmarth, K. R., Jensen, K. F., Oehme, F. W., and Kurt, T. L. (1996). Neurotoxicity Resulting from Coexposure to Pyridostigmine Bromide, DEET, and Permethrin: Implications of Gulf War Chemical Exposures. *J.Toxicol.EnvIRON.Health* 48: 35-56.

EcoReference No.: 72825

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

7. Alexander, T. C., Meisch, M. V., Kottkamp, W. B., and Anderson, A. L. (1982). Effect of Notonectids on Mosquito Larvae and Preliminary Observations of Insecticide Toxicity. *Ark.Farm Res.* 31: 5.
- EcoReference No.: 60696
 Chemical of Concern: PMR,TMP,EPRN,FNTH; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,TMP,EPRN,FNTH).
8. Ali, A. (1981). Laboratory Evaluation of Organophosphate and New Synthetic Pyrethroid Insecticides Against Pesticiferous Chironomid Midges of Central Florida. *Mosq.News* 41: 157-161.
- EcoReference No.: 5559
 Chemical of Concern: TMP,FNTH,MLN,CPY,CYP,PMR,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY,CYP,MLN,PMR),OK(ALL CHEMS).
9. Ali, A., Chowdhury, M. A., Hossain, M. I., Ameen, M., Habiba, D. B., and Aslam, A. F. M. (1999). Laboratory Evaluation of Selected Larvicides and Insect Growth Regulators Against Field-Collected *Culex quinquefasciatus* Larvae from Urban Dhaka, Bangladesh. *J.Am.Mosq.Control Assoc.* 15: 43-47.
- EcoReference No.: 62487
 Chemical of Concern: TMP,FPN,BFT,FNTH,CPYM,DFZ,CPY,CYP,MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FPN,CYP,MLN,CPY,CPYM,PMR),OK(BFT,FNTH,DFZ,TMP).
10. Ali, A., Majori, G., Ceretti, G., D'Andrea, F., Scattolin, M., and Ferrarese, U. (1985). A Chironomid (Diptera: Chironomidae) Midge Population Study and Laboratory Evaluation of Larvicides Against Midges Inhabiting the Lagoon of Venice, Italy. *J.Am.Mosq.Control Assoc.* 1: 63-68.
- EcoReference No.: 11927
 Chemical of Concern: TMP,FNTH,FNT,CPY,CYP,PMR,DM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,CPY,PMR),OK(ALL CHEMS).
11. Ali, A., Nayar, J. K., and Xue, R.-D. (1995). Comparative Toxicity of Selected Larvicides and Insect Growth Regulators to a Florida Laboratory Population of *Aedes albopictus*. *J.Am.Mosq.Control Assoc.* 11: 72-76.
- EcoReference No.: 16077
 Chemical of Concern: PYX,BFT,DFZ,FNTH,MLN,CPY,TMP,CYP,PMR,MTPN,CPYM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPYM,CPY,MLN,MTPN,CYP,BFT,PMR).
12. Alzogaray, R. A., Picollo, M. I., and Zerba, E. N. (1998). Independent and Joint Action of cis- and trans-Permethrin in *Triatoma infestans* (Hemiptera: Reduviidae). *Arch.Insect Biochem.Physiol.* 37: 225-230.
- EcoReference No.: 72810
 Chemical of Concern: TPMR,CPMR,PMR; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR,TPMR,CPMR).
13. Alzogaray, R. A. and Zerba, E. N. (1996). Comparative Toxicity of Deltamethrin and cis-Permethrin on First Instars of *Triatoma infestans* (Hemiptera: Reduviidae). *J.Med.Entomol.* 3: 58-62.
- EcoReference No.: 20256
 Chemical of Concern: DM,PMR; Habitat: A; Effect Codes: BEH,GRO,MOR,PHY; Rejection Code: LITE EVAL CODED(PMR).
14. Anadon, A., Diez, M. J., Sierra, M., Sanchez, J. A., and Teran, M. T. (1988). Microsomal Enzyme Induction by

Permethrin in Rats. *Vet.Hum.Toxicol.* 30: 309-312.

EcoReference No.: 99853

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

15. Anderson, B. S., Phillips, B. M., Hunt, J. W., Connor, V., Richard, N., and Tjeerdema, R. S. (2006). Identifying Primary Stressors Impacting Macroinvertebrates in the Salinas River (California, USA): Relative Effects of Pesticides and Suspended Particles. *Environ.Pollut.* 141: 402-408.

EcoReference No.: 90039

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

16. Anderson, R. L. (1982). Toxicity of Fenvalerate and Permethrin to Several Nontarget Aquatic Invertebrates. *Environ.Entomol.* 11: 1251-1257.

EcoReference No.: 15180

Chemical of Concern: PMR,FNV; Habitat: A; Effect Codes: ACC,CEL,PHY,MOR; Rejection Code: LITE EVAL CODED(PMR),NO CONTROL(FNV).

17. Asjes, C. J. (1985). Control of Field Spread of Non-Persistent Viruses in Flower-Bulb Crops by Synthetic Pyrethroid and Pirimicarb Insecticides, and Mineral Oils. *Crop Prot.* 4: 485-493.

EcoReference No.: 92936

Chemical of Concern: FNV,DM,CYP,PMR; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(FNV,DM,PMR),OK(CYP).

18. 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:

Ziram,BMY,MTM,ADC,MDT,CYP,PFF,AND,DZ,Naled,MVP,MLN,DS,CYT,DMT,FNV,PPG,PMR,OXD,FTT,MOM,EN,ES,CPY,ACP,MP,CBL,Captan; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(DZ,MOM,PFF,PMR,MDT,OML,MVP,MTM,MTM,ACP,OXD,ES,DS,Naled,MLN,DMT,M P,FNV,CPY,PPG),OK(CBL,Captan).

19. Bartels, D. W., Bolin, P. C., and Hutchinson, W. D. (1995). Insecticidal and Microbial Control of Lepidopteran Pests in Minnesota Cabbage, 1994. *Arthropod Manag.Tests* 20: 68-69 (6E).

EcoReference No.: 82447

Chemical of Concern: DKGNa,PMR,CYH,CYP,FPN,TDC; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(DKGNa,PMR,CYH,CYP,FPN,TDC).

20. Bartels, D. W. and Hutchison, W. D. (1991). Microbial Control of First-Generation ECB on Whorl Stage Corn 1990. *Insect.Acaric.Tests* 16: 72-73.

EcoReference No.: 82474

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

21. Baser, S., Erkoç, F., Selvi, M., and Kocak, O. (2003). Investigation of Acute Toxicity of Permethrin on Guppies *Poecilia reticulata*. *Chemosphere* 51: 469-474.

- EcoReference No.: 71220
 Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(PMR).
22. Baur, M. E., Ellis, J., Hutchinson, K., and Boethel, D. J. (2003). Contact Toxicity of Selective Insecticides for Non-target Predaceous Hemipterans in Soybeans. *J.Entomol.Sci.* 38: 269-277.
- EcoReference No.: 82481
 Chemical of Concern: MOM,MFZ,TDC,PMR,SS,LCYT,ACE; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MFZ,TDC,PMR,MOM,SS,LCYT,ACE).
23. Berrill, M., Bertram, S., Wilson, A., Louis, S., Brigham, D., and Stromberg, C. (1993). Lethal and Sublethal Impacts of Pyrethroid Insecticides on Amphibian Embryos and Tadpoles. *Environ.Toxicol.Chem.* 12: 525-539.
- EcoReference No.: 2850
 Chemical of Concern: PMR,PYT,FNV,EFV; Habitat: A; Effect Codes: BEH,GRO,MOR,PHY,REP; Rejection Code: LITE EVAL CODED(PMR),NO ENDPOINT(FNV,PYT).
24. Blanco, C. A., McGee, J. W., Walton, L. C., and Miller, R. (2000). Control of Lepidoptera with Intrepid (Methoxyfenozide). *In:Proc.Beltwide Cotton Conf.* 2: 1182-1184.
- EcoReference No.: 82464
 Chemical of Concern: MFZ,TUZ,SS,TDC,LCYT,PMR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR,MFZ,LCYT,TUZ,SS,TDC).
25. Blaylock, B. L., Abdel-Nasser, M., McCarty, S. M., Knesel, J. A., Tolson, K. M., Ferguson, P. W., and Mehendale, H. M. (1995). Suppression of Cellular Immune Responses in BALB/c Mice Following Oral Exposure to Permethrin. *Bull.EnvIRON.Contam.Toxicol.* 54: 768-744.
- EcoReference No.: 47625
 Chemical of Concern: PMR; Habitat: T; Effect Codes: GRO,PHY,CEL; Rejection Code: LITE EVAL CODED(PMR).
26. Bloom, A. S., Staats, C. G., and Dieringer, T. (1983). Pyrethroid Effects on Operant Responding and Feeding. *Neurobehav.Toxicol.Teratol.* 5: 321-324.
- EcoReference No.: 99914
 Chemical of Concern: PMR,DM; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR).
27. Bloomquist, J. R. (2000). Insecticide Exposure in Parkinsonism. *Annual Report.1 Jan 99 - 31 Dec 99.Virginia Polytechnic Inst.and State Univ.Blackburg, VA* 39 p. (NTIS# ADA388559).
- EcoReference No.: 97332
 Chemical of Concern: CPY,PMR; Habitat: T; Effect Codes: MOR,BCM,CEL,BEH; Rejection Code: LITE EVAL CODED(PMR),OK(CPY).
28. Bloomquist, J. R., Barlow, R. L., Gillette, J. S., Li, W., and Kirby, M. L. (2002). Selective Effects of Insecticides on Nigrostriatal Dopaminergic Nerve Pathways. *Neurotoxicology* 23: 537-544.
- EcoReference No.: 92572
 Chemical of Concern: HPT,DM,PMR,CPY; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CPY,PMR).
29. Bringolf, R. B., Cope, W. G., Barnhart, M. C., Mosher, S., Lazaro, P. R., and Shea, D. (2007). Acute and

Chronic Toxicity of Pesticide Formulations (Atrazine, Chlorpyrifos, and Permethrin) to Glochidia and Juveniles of *Lampsilis siliquoidea*. *Environ.Toxicol.Chem.* 26: 2101-2107.

EcoReference No.: 99469

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

30. Bringolf, R. B., Cope, W. G., Eads, C. B., Lazaro, P. R., Barnhart, M. C., and Shea, D. (2007). Acute and Chronic Toxicity of Technical-Grade Pesticides to Glochidia and Juveniles of Freshwater Mussels (Unionidae). *Environ.Toxicol.Chem.* 26: 2086-2093.

EcoReference No.: 100597

Chemical of Concern: PRC,PCZ,ATZ,PDM,FPN,PMR,NaCl; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(PMR).

31. 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,DZ,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ ,AZD,CPY,PSM; Habitat: T; Effect Codes: MOR,BEH,REP; Rejection Code: LITE EVAL CODED(MP,AZ,DZ,CPY,DMT,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ,AZD),TARGET(CBL).

32. Buntin, G. D. (1998). Comparison of Foliar-Applied Insecticides for Aphid Control in Rosette and Flowering Canola. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 18-24.

EcoReference No.: 73094

Chemical of Concern: MLN,CPY,ES,DMT,PMR,CYP,DS,PPHD,PRN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(CPY,DMT,PMR),EFFICACY(MLN,DS,CYP).

33. Bynum, E. D. Jr., Archer, T. L., and Plapp, F. W. Jr. (1997). Comparison of Banks Grass Mite and Twospotted Spider Mite (Acari: Tetranychidae): Responses to Insecticides Alone and in Synergistic Combinations. *J.Econ.Entomol.* 90: 1125-1130.

EcoReference No.: 63628

Chemical of Concern: AMZ,BFT,DEF,DZ,DMT,EFV,PMR,PPB,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,PPB,DMT,PMR,EFV,BFT).

34. Cantalamessa, F. (1993). Acute Toxicity of Two Pyrethroids, Permethrin, and Cypermethrin in Neonatal and Adult Rats. *Arch.Toxicol.* 67: 510-513 .

EcoReference No.: 74863

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

35. Chalfant, R. B. (1997). Control of Lepidopterous Pests, 1993. In: *C.R.Saxena, Arthropod Management Tests, Entomol.Soc.of Am., Lanham, MD* 22: 90-91.

EcoReference No.: 82465

Chemical of Concern: DKGNa,PMR,TDC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DKGNa,PMR,TDC).

36. Chalfant, R. B. (1997). Laboratory Bioassays of Insecticides Against the Cabbage Looper. *Arthropod Manag. Tests* 22: 413.
- EcoReference No.: 82480
 Chemical of Concern: DKGNa,CYH,ACP,MOM,CPY,DKGNa,MTM,EFV,ES,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ACP,DKGNa,CYH,MOM,CPY,DKGNa,MTM,EFV,ES,PMR).
37. 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: CYP,PMR,FNV,CBL,DCM,ADC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ADC,CYP,CBL,PMR),OK(FNV).
38. Chen, J. (2006). Digging Behavior of *Solenopsis invicta* Workers when Exposed to Contact Insecticides. *J. Econ. Entomol.* 99: 634-640.
- EcoReference No.: 99827
 Chemical of Concern: ACP,CBL,CYF,DM,LCYT,PMR; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(PMR),OK(ACP,CBL,CYF).
39. Cheng, H. H. (1980). Darksided Cutworm (Lepidoptera: Noctuidae): Field Evaluation of Pyrethroid Insecticides for Protection of Tobacco in Ontario. *Tobacco Int.* 182: 64-66.
- EcoReference No.: 100381
 Chemical of Concern: CPY,CYP,FNV,PMR,PPF; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(PMR,CPY),OK(CYP,FNV,PPF).
40. Cilek, J. E., Craig, G. B. Jr., and Knapp, F. W. (1995). Comparative Susceptibility of Larvae of Three *Aedes* Species to Malathion and Permethrin. *J. Am. Mosq. Control Assoc.* 11: 416-418.
- EcoReference No.: 18844
 Chemical of Concern: MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,PMR).
41. Conrad, A. U., Fleming, R. J., and Crane, M. (1999). Laboratory and Field Response of *Chironomus riparius* to a Pyrethroid Insecticide. *Water Res.* 33: 1603-1610.
- EcoReference No.: 48349
 Chemical of Concern: PMR,PYT,KCl; Habitat: A; Effect Codes: GRO,MOR,POP; Rejection Code: LITE EVAL CODED(PMR).
42. Corbel, V., Chandre, F., Darriet, F., Lardeux, F., and Hougard, J. M. (2003). Synergism Between Permethrin and Propoxur Against *Culex quinquefasciatus* Mosquito Larvae. *Med. Vet. Entomol.* 17: 158-164.
- EcoReference No.: 82053
 Chemical of Concern: PMR,PPX; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
43. Corbel, V., Raymond, M., Chandre, F., Darriet, F., and Hougard, J. M. (2004). Efficacy of Insecticide Mixtures Against Larvae of *Culex quinquefasciatus* (Say) (Diptera: Culicidae) Resistant to Pyrethroids and Carbamates. *Pest Manag. Sci.* 60: 375-380.
- EcoReference No.: 99846
 Chemical of Concern: PPX,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL

CODED(PMR).

44. Coulon, D. P., Graves, J. B., Avault, J. W. Jr., Smith, S., Willis, G. H., Reichel, W., Harmon, C. W., and Morris, H. F. Jr. (1985). How Persistent are Pyrethroid Insecticide Residues in Crawfish, Catfish? *La.Agric.* 29: 14-16.

EcoReference No.: 14645

Chemical of Concern: PMR,PYT,FNV,EFV; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: LITE EVAL CODED(PMR),NO ENDPOINT(PYT,FNV,EFV) .

45. Cox, R. L. and Wilson, W. T. (1984). Effects of Permethrin on the Behavior of Individually Tagged Honey Bees, *Apis mellifera* L. (Hymenoptera: Apidae). *Environ.Entomol.* 13: 375-378.

EcoReference No.: 36273

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

46. Cragg, S. M. and Eaton, R. A. (1997). Evaluation of Creosote Fortified with Synthetic Pyrethroids as Wood Preservatives for Use in the Sea. *Mater.Org.(Berl.)* 31: 197-216.

EcoReference No.: 99905

Chemical of Concern: PMR,DM,CYP,CST; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR),OK(CST,CYP).

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

EcoReference No.: 13513

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

48. Crofton, K. M. and Reiter, L. W. (1988). The Effects of Type I and II Pyrethroids on Motor Activity and the Acoustic Startle Response in the Rat. *Fundam.Appl.Toxicol.* 10: 624-634.

EcoReference No.: 76654

Chemical of Concern: FVL,CYP,PMR,CYF,DDT,FNV,EFV; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CYF,FVL,CYP,FNV,PMR).

49. Cutkomp, L. K. and Subramanyam, B. (1986). Toxicity of Pyrethroids to *Aedes aegypti* Larvae in Relation to Temperature. *J.Am.Mosq.Control Assoc.* 2: 347-349.

EcoReference No.: 12051

Chemical of Concern: CYP,PMR,SMT,PYT,ATN,EFV; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SMT,CYP,ATN,PMR),OK(PYT).

50. Danka, R. G. and Collison, C. H. (1987). Laboratory Evaluation of Dimethoate Repellence to Honey Bees. *J.Appl.Entomol.* 104: 211-214.

EcoReference No.: 79189

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

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EcoReference No.: 94967
Chemical of Concern: AZ,CBL,MP,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE
EVAL CODED(MP,AZ,PMR,CBL).

52. Day, K. E. and Maguire, R. J. (1990). Acute Toxicity of Isomers of the Pyrethroid Insecticide Deltamethrin and its Major Degradation Products to *Daphnia magna*. *Environ.Toxicol.Chem.* 9: 1297-1300.

EcoReference No.: 7357
Chemical of Concern: DM,PYT,SMT,PMR; Habitat: A; Effect Codes: PHY; Rejection Code: LITE
EVAL CODED(SMT,PMR).

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EcoReference No.: 3241
Chemical of Concern: CBL,MP,PMR,CYP,BTC,MCPA,24DXY; Habitat: A; Effect Codes: PHY;
Rejection Code: LITE EVAL CODED(CBL,CYP,MP,24DXY,PMR),NO COC(MTAS).

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EcoReference No.: 97339
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,PHY,BCM; Rejection Code: LITE
EVAL CODED(PMR).

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EcoReference No.: 70516
Chemical of Concern: PYT,PMR,FNV,CYP,DM,BRSM; Habitat: T; Effect Codes: MOR,REP;
Rejection Code: LITE EVAL CODED(CYP,FNV,PMR,BRSM,DM),NO COC(EFV).

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EcoReference No.: 56161
Chemical of Concern: CBL,CuS,NYP,PCP,PRM,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(OW-TRV-Cu,PCP,PMR).

57. 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,PMR),OK(CuS,PCP).

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EcoReference No.: 81380

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

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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,PMR,CBL,NYP).

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EcoReference No.: 100142

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

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EcoReference No.: 82472

Chemical of Concern: DKGNa,PMR,MTM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DKGNa,PMR).

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EcoReference No.: 98228

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

63. El-Garawany, A. A., Samaan, H. A., and Sadek, M. (1990). Comparative Hepatorenal Toxicity of Some Commonly Used Chemical Environmental Pollutants. *Egypt.J.Pharm.Sci.* 31: 331-336.

EcoReference No.: 100123

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

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EcoReference No.: 74880

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

65. Estes, B. J., Buck, N. A., Waller, G. D., Taylor, K. S., and Mamood, A. (1992). Residual Life and Toxicity to Honey Bees (Hymenoptera: Apidae) of Selected Insecticides Applied to Cotton in Arizona. *J.Econ.Entomol.* 85: 700-709 .

EcoReference No.: 99620

Chemical of Concern: TLM,EFV,LCYT,MP,MLN,FYT,FNV,CYP,ACP,PFF,BFT,CYF,FVL,PMR; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: LITE EVAL

CODED(PMR),OK(EFV,MP,MLN,FNV,CYP,ACP,PFF,BFT,CYF,FVL).

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- EcoReference No.: 100119
Chemical of Concern: PMR; Habitat: T; Effect Codes: PHY,GRO,BEH,MOR; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 68262
Chemical of Concern: PMR; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 89641
Chemical of Concern: ADC,DPA,DIATZ,Maneb,PMR,NiCl; Habitat: A; Effect Codes: MOR,GRO,CEL,PHY; Rejection Code: LITE EVAL CODED(DIATZ,Maneb,PMR),OK(ADC).
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- EcoReference No.: 10227
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 99825
Chemical of Concern: PMR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR).
71. Gabbianelli, R., Nasuti, C., Falcioni, G., and Cantalamessa, F. (2004). Lymphocyte DNA Damage in Rats Exposed to Pyrethroids: Effect of Supplementation with Vitamins E and C. *Toxicology* 203: 17-26.
- EcoReference No.: 76830
Chemical of Concern: CYP,PMR; Habitat: T; Effect Codes: CEL,GRO,BCM,PHY; Rejection Code: LITE EVAL CODED(CYP,PMR).
72. Garcinuno, R. M., Hernando, P. F., and Camara, C. (2006). Removal of Carbaryl, Linuron, and Permethrin by Lupinus angustifolius Under Hydroponic Conditions. *J.Agric.Food Chem.* 54: 5034-5039.
- EcoReference No.: 100120
Chemical of Concern: CBL,PMR,LNR; Habitat: T; Effect Codes: REP,ACC; Rejection Code: LITE EVAL CODED(PMR),TARGET(CBL,LNR).
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Wisconsin-Superior, Superior, WI 355.

EcoReference No.: 12859

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

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EcoReference No.: 15277

Chemical of Concern: PMR,RTN,ATM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE
EVAL CODED(RTN,PMR),NO CONTROL(ATM).

75. Gillette, J. S. and Bloomquist, J. R. (2003). Differential Up-Regulation of Striatal Dopamine Transporter and alpha-Synuclein by the Pyrethroid Insecticide Permethrin. *Toxicol.App.Pharmacol.* 192: 287-293.

EcoReference No.: 97325

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

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EcoReference No.: 64451

Chemical of Concern: MDT,MP,DMT,TBO,TFT,CBF,CPY,PMR,EPH,PPG; Habitat: T; Effect
Codes: PHY; Rejection Code: LITE EVAL CODED(PMR,MP,CPY,DMT,MDT,PPG),OK(CBF).

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EcoReference No.: 100277

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

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EcoReference No.: 68254

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

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EcoReference No.: 79063

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

80. Hagley, E. A. C. (1983). Pesticides, Pollination, and Fruit Set on Apple. *Can.Entomol.* 115: 1535-1536.

EcoReference No.: 36954

Chemical of Concern: AZ,PMR,PHSL,PSM; Habitat: T; Effect Codes: POP,BEH,REP,GRO;
Rejection Code: LITE EVAL CODED(PSM,PMR),OK(AZ).

81. 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,SS,CPY,PMR),TARGET(CBL).

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EcoReference No.: 76881

Chemical of Concern: DDT,DM,CYP,TDF,PMR; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: LITE EVAL CODED(CYP,TDF,PMR).

83. Halliday, W. R. and Georghiou, G. P. (1985). Cross-Resistance and Dominance Relationships of Pyrethroids in a Permethrin-Selected Strain of *Culex quinquefasciatus* (Diptera: Culicidae). *J.Econ.Entomol.* 78: 1227-1232.

EcoReference No.: 11492

Chemical of Concern: CYF,PMR,PYT,AV,FYT,CYH,TLM,EN,PPX,BFT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(BFT,CYF,PMR),OK(ALL CHEMS).

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EcoReference No.: 11493

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

85. Hansen, D. J., Goodman, L. R., Moore, J. C., and Higdon, P. K. (1983). Effects of the Synthetic Pyrethroids AC 222,705, Permethrin and Fenvalerate on Sheepshead Minnows in Early Life Stage Toxicity Tests. *Environ.Toxicol.Chem.* 2: 251-258.

EcoReference No.: 10467

Chemical of Concern: PMR,PYT,FNV,EFV; Habitat: A; Effect Codes: ACC,GRO,MOR; Rejection Code: LITE EVAL CODED(FNV,PMR),OK(PYT).

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EcoReference No.: 100122

Chemical of Concern: TMP,PMR,MP,BFT,DZ,MLN; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(TMP,PMR,MP,DZ,MLN,BFT).

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EcoReference No.: 99850

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

88. Hasegawa, R. and Ito, N. (1992). Liver Medium-Term Bioassay in Rats for Screening of Carcinogens and Modifying Factors in Hepatocarcinogenesis. *Food Chem.Toxicol.* 30: 979-992.

EcoReference No.: 75839

Chemical of Concern:
TDF,VCZ,NaPP,TFN,ILL,PL,GYP,PMR,DDT,DM,DCNA,CYP,DMZ,ACR,AND,ATZ,MLN,PAH;
Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL
CODED(MLN,ATZ,GYP,PMR),OK(ALL CHEMS).

89. Hegde, N. S., Thontadarya, T. S., and Rao, K. J. (1987). Effect of Pyrethroids on the Activity of Rogas aligarhensis Qadri (Hym: Braconidae), a Larval Parasite of the Cotton Spotted Bollworm, Earias vittella (Fabricius). *Mysore J.Agric.Sci.* 21: 305-308.

EcoReference No.: 99594
Chemical of Concern: CYP,PMR,ES; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL
CODED(PMR,ES),OK(CYP).

90. Helson, B. V., Barber, K. N., and Kingsbury, P. D. (1994). Laboratory Toxicology of Six Forestry Insecticides to Four Species of Bee (Hymenoptera: Apoidea). *Arch. Environ. Contam. Toxicol.* 27: 107-114.

EcoReference No.: 39551
Chemical of Concern: PMR,CYP,FNT,CBL,TCF; Habitat: T; Effect Codes: MOR; Rejection Code:
LITE EVAL CODED(PMR,CYP,FNT,CBL,TCF).

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EcoReference No.: 12268
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(PMR).

92. Helson, B. V., Payne, N. J., and Sundaram, K. M. S. (1993). Impact Assessment of Spray Drift from Silvicultural Aerial Applications of Permethrin on Aquatic Invertebrates Using Mosquito Bioassays. *Environ.Toxicol.Chem.* 12: 1635-1642.

EcoReference No.: 9295
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL
CODED(PMR).

93. Hijzen, T. H. and Slangen, J. L. (1988). Effects of Type I and Type II Pyrethroids on the Startle Response in Rats. *Toxicol.Lett.* 40: 141-152.

EcoReference No.: 76634
Chemical of Concern: CYP,CPMR,DM; Habitat: T; Effect Codes: BEH,GRO; Rejection Code:
LITE EVAL CODED(CYP,CPMR).

94. 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:
24D,24DXY,ACP,ADC,AMSV,AMTL,AND,ARM,ATN,ATZ,AZ,BMC,BMN,BMY,Captan,CBF,CB
L,CdCl,CHD,CMPH,CPY,CPYM,CrS,DBN,DCF,DCTP,DDT,DDVP,DEM,DFPM,DINO,DLD,DMB
,DMT,DQTBr,DS,DU,DZ,EN,EP,ES,ETN,FMP,FNF,FNT,FNTH,FTTCl,GYP,HCCH,HgCl2,HPT,IF
P,K2Cr207,LNR,Maneb,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MRX,MSMA,MTAS,MTM,MVP,
MXC,Naled,Ni,OXD,Pb,PbN,PCB,PCL,PCP,PHSL,PMR,PPB,PPHD,PPN,PPX,PQT,PRN,PRT,PSM,
PYN,RSM,RTN,SPS,SZ,TBO,TCF,TEPP,TFN,THM,TMP,TVMP, TVP,V,Zineb,Ziram,ZnP; Habitat:
T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL
CODED(ACP,ADC,ATZ,Captan,CBF,CBL,CPY,CPYM,DZ,GYP,MLN,MLT,MOM,MP,MTAS,MT
M,Naled,PMR,PRT,PSM,RTN,SZ,Ziram),OK(CMPH,DCF,DCTP,DU,EP,ES,FMP,MDT,MVP,OXD,

PPN,PQT,TBO,TEPP,TFN,TMP,TVP).

95. Hill, T. A. and Foster, R. E. (2000). Effect of Insecticides on the Diamondback Moth (Lepidoptera: Plutellidae) and Its Parasitoid *Diadegma insulare* (Hymenoptera: Ichneumonidae). *J.Econ.Entomol.* 93: 763-768.

EcoReference No.: 58578

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

96. 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,BM N,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(PMR,GYP,PSM,24DXY,Naled,MLN,CBL,ACP,PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),N O MIXTURE(BMN,MCPA).

97. Hong, J. S., Herr, D. W., Hudson, P. M., and Tilson, H. A. (1986). Neurochemical Effects of DDT in Rat Brain In Vivo. *Arch.Toxicol.Suppl.* Suppl. 9: 14-26.

EcoReference No.: 99917

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

98. Hougaard, J. M., Escaffre, H., Darriet, F., Lochouarn, L., Riviere, F., and Back, C. (1992). An Episode of Resistance to Permethrin in Larvae of *Simulium squamosum* (Diptera: Simuliidae) from Cameroon, After 3 1/2 Years of Control. *J.Am.Mosq.Control Assoc.* 8: 184-186.

EcoReference No.: 6899

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

99. Hoy, J. B., Cornell, J. A., Karlix, J. L., Schmidt, C. J., Tebbett, I. R., and Van Haaren, F. (2000). Interactions of Pyridostigmine Bromide, DEET and Permethrin Alter Locomotor Behavior of Rats. *Vet.Hum.Toxicol.* 42: 65-71.

EcoReference No.: 99748

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

100. Hoy, J. B., Cornell, J. A., Karlix, J. L., Tebbett, I. R., and Van Haaren, F. (2000). Repeated Coadministrations of Pyridostigmine Bromide, DEET, and Permethrin Alter Locomotor Behavior of Rats. *Vet.Hum.Toxicol.* 42: 72-76.

EcoReference No.: 99747

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

101. Hudson, P. M., Tilson, H. A., Chen, P. H., and Hong, J. S. (1986). Neurobehavioral Effects of Permethrin are Associated with Alterations in Regional Levels of Biogenic Amine Metabolites and Amino Acid Neurotransmitters. *Neurotoxicology* 7: 143-153.

- EcoReference No.: 99911
Chemical of Concern: PMR; Habitat: T; Effect Codes: PHY,BEH,BCM; Rejection Code: LITE EVAL CODED(PMR).
102. Ibrahim, H., Kheir, R., Helmi, S., Lewis, J., and Crane, M. (1998). Effects of Organophosphorus, Carbamate, Pyrethroid and Organochlorine Pesticides, and a Heavy Metal on Survival and Cholinesterase Activity of. *Bull.EnvIRON.Contam.Toxicol.* 60: 448-455.
- EcoReference No.: 18819
Chemical of Concern: CBF,HCCH,PIRM,PMR,ZnCl2,PYT; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(CBF,PMR).
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- EcoReference No.: 89911
Chemical of Concern: PMR,AZ,MOM,EFV,CYP,CTN; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CTN,PMR),OK(MOM,AZ,CYP,EFV) .
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- EcoReference No.: 73706
Chemical of Concern: CTN,PMR,AZ,MOM; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: LITE EVAL CODED(CTN,PMR),OK(AZ,MOM).
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- EcoReference No.: 99540
Chemical of Concern: TPMR,CPMR; Habitat: T; Effect Codes: CEL,BEH,GRO; Rejection Code: LITE EVAL CODED(TPMR,CPMR).
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Chemical of Concern: As,HgCl2,PMR; Habitat: T; Effect Codes: GRO,CEL,BCM,PHY; Rejection Code: LITE EVAL CODED(PMR).
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Chemical of Concern: CYP,PMR; Habitat: T; Effect Codes: PHY,BCM,CEL; Rejection Code: LITE EVAL CODED(CYP,PMR).
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- EcoReference No.: 87845

- Chemical of Concern: ACP,DDVP,OML,PMR,MOM; Habitat: T; Effect Codes: BEH,MOR,PHY; Rejection Code: LITE EVAL CODED(MOM,PMR),OK(ACP,OML).
109. Ishmael, J. and Litchfield, M. H. (1988). Chronic Toxicity and Carcinogenic Evaluation of Permethrin in Rats and Mice. *Fundam.Appl.Toxicol.* 11: 308-322 .
- EcoReference No.: 86134
Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM,MOR,PHY,GRO,CEL,BEH; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 5182
Chemical of Concern: DDT,ES,FNT,MLN,PMR,HCCH,DLD,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,PMR),OK(ALL CHEMS).
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Chemical of Concern: CZE,AZX,EFV,MCPA,PMR,PIM; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(EFV,PMR),OK(CZE,AZX,MCPA,PIM).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: GRO,BCM,PHY; Rejection Code: LITE EVAL CODED(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 5264
Chemical of Concern: DDT,ES,HCCH,DLD,CBL,24DXY,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(24DXY,CBL,PMR),OK(DDT,ES,HCCH,DLD).
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Chemical of Concern: PMR,PCPMR,PTPMR,MCPMR,MTPMR; Habitat: T; Effect Codes: MOR,GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(PMR),NO CONTROL(PCPMR,PTPMR,MCPMR,MTPMR).

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 Chemical of Concern: CYP,PMR; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CYP,PMR).
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 Chemical of Concern: CPY,PMR; Habitat: T; Effect Codes: BCM,BEH; Rejection Code: LITE EVAL CODED(CPY,PMR).
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 Chemical of Concern: PMR,DFZ,TMP,FNT,EFX,PYX; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,TMP,EFX).
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- EcoReference No.: 63336
 Chemical of Concern: PYX,PFF,CBL,DDT,PMR,PRN,FNT,TPMR,PPB,TBF; Habitat: A; Effect Codes: BCM,MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,PMR,PFF),NO MIXTURE(PPB,TBF),NO IN VITRO(TPMR).
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- EcoReference No.: 17297
 Chemical of Concern: CPY,PMR,PPX, TMP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY,PMR).
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 Chemical of Concern: PMR,DDT; Habitat: T; Effect Codes: CEL,GRO,BEH; Rejection Code: LITE EVAL CODED(PMR).
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 Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC,POP,BEH,MOR; Rejection Code: LITE EVAL CODED(PMR).

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- EcoReference No.: 99749
 Chemical of Concern: HPT,CYP,PMR,PPX,BDC,DZ,CYF,CPY,CHD; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(PMR),OK(CYP,DZ,CYF,CPY).
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- EcoReference No.: 74122
 Chemical of Concern: MOM,EFV,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,MOM,EFV).
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 Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(PMR).
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 Chemical of Concern: PMR,DDT; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(PMR).
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 Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(PMR).
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 Chemical of Concern: CPY,PMR; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CPY,PMR).
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- EcoReference No.: 76653
 Chemical of Concern: CYP,PMR,DM; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(CYP,PMR).
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 Chemical of Concern: TBF,TFN,ES,CHD,MLN,CPY,PPB,24D,PMR; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CPY,24D,PMR),OK(MLN,PPB,TBF).
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- EcoReference No.: 68067
 Chemical of Concern: PYT,MXC,EFV,FNV,PMR,DDT,EED; Habitat: T; Effect Codes: GRO,REP,BEH; Rejection Code: LITE EVAL CODED(EFV,FNV,PMR),OK(PYT,MXC).
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 Chemical of Concern: FNV,MOM,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV,PMR,MOM).
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 Chemical of Concern: FPP,FNV,ATN,RSM,PMR,CYP,DM; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(PMR,FNV,ATN,CYP,RSM),OK(DM,FPP).
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 Chemical of Concern: PMR; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(PMR),NO COC(MLT).
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 Chemical of Concern: PMR,TMP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),NO ENDPOINT(TMP).
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 Chemical of Concern: PRN,DZ,PMR; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(DZ,PMR).
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- EcoReference No.: 82448
 Chemical of Concern: DKGNa,PMR,CYH,MVP,CTN; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(DKGNa,PMR,CYH,MVP).

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- EcoReference No.: 99823
 Chemical of Concern: SS,PMR,DM,CPY,MLN,PPX,IMC; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SS,PMR,DM,CPY,MLN,PPX,IMC).
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- EcoReference No.: 88223
 Chemical of Concern: PMR,DM,CPY,MLN,RSM,PPX,FPN,IMC,SS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,CPY,PMR).
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- EcoReference No.: 81339
 Chemical of Concern: BFT,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(BFT,PMR).
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- EcoReference No.: 10160
 Chemical of Concern: EFL,PMR; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(PMR).
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 Chemical of Concern: IFP,BDC,CBF,CPY,PMR,TFT,BFT,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,CPY),OK(CBF,BFT,CYP).
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- EcoReference No.: 99595
 Chemical of Concern: LCYT,CYF,CPY,BFT,CYH,CYP,CEX,FNF,IZF,PMR,EP,IFP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,CPY,CEX),OK(CYF,BFT,CYP),NO ENDPOINT(EP).
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- EcoReference No.: 64812
 Chemical of Concern: PMR,CPY; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(PMR,CPY).
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- EcoReference No.: 98905

- Chemical of Concern: DM,PMR,LCYT; Habitat: T; Effect Codes: CEL,GRO,POP,PHY; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 20618
Chemical of Concern: CYP,BRSM,PMR,CPY,DM,FNV; Habitat: A; Effect Codes: ACC,BEH,BCM,POP,MOR; Rejection Code: LITE EVAL CODED(PMR,BRSM,CYP,FNV),NO CONTROL,NO ENDPOINT(CPY).
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Chemical of Concern: PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLN,HPT,ES,CYP,PMR,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLN,CYP,PMR,FNV),OK(HPT,ES).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 100575
Chemical of Concern: CPY,CPYO,PFF,ES,CBL,PMR; Habitat: A; Effect Codes: REP,GRO,MOR,PHY,POP; Rejection Code: LITE EVAL CODED(CPYO,PFF,ES,CPY,PMR),OK(CBL).
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- EcoReference No.: 95712
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
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Chemical of Concern: RSM,MLN,MTPN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTPN,RSM,MLN,PMR).
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- EcoReference No.: 40005
Chemical of Concern: CBL,MLN,MOM,MP,OML,PHSL,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,OML,PMR,MP),OK(MOM,CBL).

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- EcoReference No.: 99908
 Chemical of Concern: PMR,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,FNV).
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- EcoReference No.: 91624
 Chemical of Concern: MDT,OMC,TDC,CYP,CBF,DM,MTM,MP,PMR,PSM,PRB,TCF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MP,MDT,DMC,PMR,PSM),OK(MTM).
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 Chemical of Concern: PMR,DEET; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
156. McKenney, C. Jr., Matthews, E., and Lawrence, D. (1981). Mysid Life-Cycle Tests. *In: Prog.Rep., FY81, Exp.Environ.Branch, U.S.EPA, Gulf Breeze, FL* 62-73.
- EcoReference No.: 3750
 Chemical of Concern: AgN,DEF,ES,PMR,CPY,EN; Habitat: A; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(CPY,PMR).
157. 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(CPY,CBL,MLN,PSM,PMR),OK(CBF,MP).
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- EcoReference No.: 56618
 Chemical of Concern: PMR,HCCH,ZnS,PIRM; Habitat: A; Effect Codes: BCM,BEH,MOR; Rejection Code: LITE EVAL CODED(ZnS,PMR,PIRM)OK(HCCH).
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- EcoReference No.: 66374
 Chemical of Concern: CuS,Cd,Zn,Pb,PMR,HCCH,FA; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(CuS,FA,PMR).
160. 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,TXP,CBL,PPX,PMR; Habitat: T; Effect Codes: GRO,REP,POP; Rejection Code: LITE EVAL CODED(MLN,CBL,MTPN,ATZ,CPY,PMR,TMP),TARGET(Captan).
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- EcoReference No.: 81810
Chemical of Concern: CBL,Cu,NYP,PCP,PMR,24DXY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(24DXY,PMR).
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- EcoReference No.: 56989
Chemical of Concern: PMR,RSM,CPY,MLN,TMP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY,RSM,MLN,PMR),OK(TMP).
163. Mitchell, J. A., Wilson, M. C., and Kallman, M. J. (1988). Behavioral Effects of Pydrin and Ambush in Male Mice. *Neurotoxicol.Teratol.* 10: 113-119 .
- EcoReference No.: 94312
Chemical of Concern: FNV,PMR; Habitat: T; Effect Codes: PHY,BEH; Rejection Code: LITE EVAL CODED(PMR),OK(FNV),NO COC(SAC,SMM).
164. Mohsen, Z. H., Ouda, N. A., Al-Faisal, A. H., and Mehdi, N. S. (1985). Toxicity of Mosquito Larvicides to Backswimmer *Anisop sardea* H.S. (Hemiptera: Notonectidae) and Dragonfly *Corcothem erythraea* Brulle (Odonata: Libellulidae). *J.Biol.Sci.Res.* 16: 273-282.
- EcoReference No.: 89593
Chemical of Concern: PMR,DDT,MLN,TMP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,DDT,TMP,MLN).
165. Mohsen, Z. H., Ouda, N. A., and Zaiya, H. H. (1989). Predatory Efficiency and Tolerance of *Gambusia affinis* to Mosquito Larvicides. *J.Biol.Sci.Res.* 20: 528-536.
- EcoReference No.: 184
Chemical of Concern: FYC,MLN,TMP,CYP,DM,PMR,CYR,LCYT,CYR,MEL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,FYC,CYP,MLN,CYR,MEL).
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- EcoReference No.: 38025
Chemical of Concern: PMR; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 5188
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,POP,BEH; Rejection Code: LITE EVAL CODED(PMR).

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- EcoReference No.: 93043
Chemical of Concern: FNV,PMR; Habitat: T; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(FNV,PMR).
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- EcoReference No.: 5806
Chemical of Concern: CBL,ES,MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,PMR),OK(ES).
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- EcoReference No.: 786
Chemical of Concern: MLN,SMM,PMR,ES; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,SMM,MLN),OK(ALL CHEMS).
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- EcoReference No.: 76643
Chemical of Concern: CYP,PMR; Habitat: T; Effect Codes: GRO,PHY,BCM,BEH; Rejection Code: LITE EVAL CODED(CYP,PMR).
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- EcoReference No.: 99536
Chemical of Concern: CYP,PMR; Habitat: T; Effect Codes: PHY,BCM,GRO; Rejection Code: LITE EVAL CODED(PMR),OK(CYP).
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- EcoReference No.: 95956
Chemical of Concern: DFZ,MXC,CBL,MLN,PMR; Habitat: T; Effect Codes: BCM,BEH,POP; Rejection Code: LITE EVAL CODED(PMR),OK(CBL,MLN).
174. Ocampo, C. B., Brogdon, W. G., Orrego, C. M., Toro, G., and Montoya-Lerma, J. (2000). Insecticide Susceptibility in *Anopheles pseudopunctipennis* from Colombia: Comparison Between Bioassays and Biochemical Assays. *J.Am.Mosq.Control Assoc.* 16: 331-338.
- EcoReference No.: 99596
Chemical of Concern: PPX,PMR,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(MLN).
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Manag. 36: 397-402.

EcoReference No.: 82952

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

176. Orr, D. B., Boethel, D. J., and Layton, M. B. (1989). Effect of Insecticide Applications in Soybeans on *Trissolcus basalis* (Hymenoptera: Scelionidae). *J.Econ.Entomol.* 82: 1078-1084.

EcoReference No.: 99619

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

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EcoReference No.: 91392

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

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EcoReference No.: 3917

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

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EcoReference No.: 3916

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

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EcoReference No.: 81394

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

181. Payne, N. J., Helson, B. V., Sundaram, K. M. S., and Fleming, R. A. (1988). Estimating Buffer Zone Widths for Pesticide Applications. *Pestic.Sci.* 24: 147-161.

EcoReference No.: 99847

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

182. Peele, D. B. and Crofton, K. M. (1987). Pyrethroid Effects on Schedule-Controlled Behavior: Time and Dosage Relationships. *Neurotoxicol.Teratol.* 9: 387-394.

EcoReference No.: 99904

- Chemical of Concern: PMR,CYP; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR),OK(CYP).
183. Peiris, H. T. R. and Hemingway, J. (1990). Temephos Resistance and the Associated Cross-Resistance Spectrum in a Strain of *Culex quinquefasciatus* Say (Diptera: Culicidae) from Peliyagoda, Sri Lanka. *Bull.Entomol.Res.* 80: 49-55.
- EcoReference No.: 100276
Chemical of Concern: PMR,BDC,PPX,FNT,PIRM,PRN,MLN,CPY,FNTH,TMP; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,MLN,CPY,TMP).
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- EcoReference No.: 35386
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,BEH,POP; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 97326
Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(PMR).
186. Poirier, D. G. and Surgeoner, G. A. (1986). Evaluation of the Toxicity of Spruce Budworm Insecticides to Aquatic Invertebrates. In: G.W.Ozburn, (Ed.), *Proc.12th Annual Aquatic Toxicity Workshop, Nov.5-8, 1985, Thunder Bay, Ontario, Can.Tech.Rep.Fish.Aquat.Sci.No.1462, Dep.Fish.Oceans, Ottawa, Ontario, Canada* 99-120.
- EcoReference No.: 12547
Chemical of Concern: PMR,FNT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(FNT).
187. Poirier, D. G. and Surgeoner, G. A. (1987). Laboratory Flow-Through Bioassays of Four Forestry Insecticides Against Stream Invertebrates. *Can.Entomol.* 119: 755-763.
- EcoReference No.: 12682
Chemical of Concern: PMR,FNT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(FNT).
188. Ponlawat, A., Scott, J. G., and Harrington, L. C. (2005). Insecticide Susceptibility of *Aedes aegypti* and *Aedes albopictus* Across Thailand. *J.Med.Entomol.* 42: 821-825.
- EcoReference No.: 99822
Chemical of Concern: MLN,PMR,TMP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,PMR,TMP).
189. Powell, J. E., King, E. G. Jr., and Jany, C. S. (1986). Toxicity of Insecticides to Adult *Microplitis croceipes* (Hymenoptera: Braconidae). *J.Econ.Entomol.* 79: 1343-1346.
- EcoReference No.: 91911
Chemical of Concern: SPS,FYT,FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(SPS,FYT,FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM).

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- EcoReference No.: 99915
Chemical of Concern: PMR; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(PMR).
191. Punareewattana, K., Smith, B. J., Blaylock, B. L., Robertson, J. L., Gogal, R. M. Jr., Prater, M. R., Longstreth, J., Snodgrass, H. L., and Holladay, S. D. (2000). Topical Permethrin Exposure Causes Thymic Atrophy and Persistent Inhibition of the Contact Hypersensitivity Response in C57Bl/6 Mice. *Int.J.Toxicol.* 19: 383-389.
- EcoReference No.: 99916
Chemical of Concern: PMR; Habitat: T; Effect Codes: GRO,CEL,PHY; Rejection Code: LITE EVAL CODED(PMR).
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- EcoReference No.: 76890
Chemical of Concern: DM,PCP,HCCH,TOL,PMR,CYP,TBTO,CuNP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,PCP,PMR).
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- EcoReference No.: 74128
Chemical of Concern: MOM,OML,PMR,MLN,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(OML,MOM,PMR,MLN,FNV).
194. Reid, B. L. and Klotz, J. H. (1992). Oral Toxicity of Various Insecticides, 1990-1991. *Insectic.Acaric.Tests* 17: 376 (6J).
- EcoReference No.: 100275
Chemical of Concern: PMR,CPY,ABM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,CPY).
195. Reza, F. M. and Vijayan, V. A. (2006). Differential Tolerance of Two Morphological Variants of *Culex tritaeniorhynchus* (Diptera: Culicidae), a Japanese Encephalitis Vector, to Pyrethroid Insecticides in Mysore, India. *Southeast Asian J.Trop.Med.Public Health* 37: 128-131.
- EcoReference No.: 99647
Chemical of Concern: DM,CYP,PMR,LCYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,CYP,DM,LCYT).
196. Rice, P. J., Drewes, C. D., Klubertanz, T. M., Bradbury, S. P., and Coats, J. R. (1997). Acute Toxicity and Behavioral Effects of Chlorpyrifos, Permethrin, Phenol, Strychnine, and 2,4-Dinitrophenol to 30-Day-Old Japanese Medaka (*Oryzias latipes*). *Environ.Toxicol.Chem.* 16: 696-704.
- EcoReference No.: 17866
Chemical of Concern: CPY,PL,PMR; Habitat: A; Effect Codes: MOR,BEH,CEL,GRO,ACC; Rejection Code: LITE EVAL CODED(CPY,PMR).
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aegypti. *J.Am.Mosq.Control Assoc.* 17: 114-117.

EcoReference No.: 99598

Chemical of Concern: NaCl,NaHCT,Cl,MB,PMR; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).

198. Riviere, J. L., Bach, J., and Grolleau, G. (1983). Effect of Pyrethroid Insecticides and N-(3,5-Dichlorophenyl)Dicarboximide Fungicides on Microsomal Drug-Metabolizing Enzymes in the Japanese Quail (*Coturnix coturnix*). *Bull.Environ.Contam.Toxicol.* 31: 479-485.

EcoReference No.: 38526

Chemical of Concern: VCZ,CYP,FNV,DM,PMR; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(FNV,PMR),OK(VCZ,CYP,DM).

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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,PAQT,BN Z,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(PMR,24DXY,FNV,CPY,Captan,MLN,ADC,CBL,NCTN,CBF,MOM,PPB,CuS,CYP).

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EcoReference No.: 69776

Chemical of Concern: PMR,DM,RSM,CYP,PYT; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(CYP,RSM,PMR),OK(DM,PYT).

201. Rowland, S., Goodson, T., and Cartwright, B. (1994). Control of Cabbage Looper on Broccoli, Fall 1993. *Insectic.Acaric.Tests* 19: 62-63 (11E).

EcoReference No.: 82725

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

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EcoReference No.: 4896

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

203. Rust, M. K., Haagsma, K., and Reiersen, D. A. (1996). Barrier Sprays to Control Argentine Ants (Hymenoptera: Formicidae). *J.Econ.Entomol.* 89: 134-137 .

EcoReference No.: 99750

Chemical of Concern: CPY,PMR,CYP,CYF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR,CPY),OK(CYF,CYP).

204. Sahgal, A. and Pillai, M. K. K. (1993). Ovicidal Activity of Permethrin and Deltamethrin on Mosquitoes. *Entomon* 17: 149-154.

- EcoReference No.: 17536
Chemical of Concern: DM,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
205. Sames IV, W. J., Wilson, W. T., Smith, J. W. Jr., and Petersen, H. D. (1991). Effective Destruction of Honey Bee Colonies. *Southwest.Entomol.* 16: 19-24.
- EcoReference No.: 70408
Chemical of Concern: RSM,PMR,KNO3; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: LITE EVAL CODED(RSM,PMR),OK(KNO3).
206. 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,MLN,PMR),OK(DDT,ES).
207. 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,PMR),OK(NYP).
208. 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,MLN,PMR),OK(BDC,FNT).
209. Semtner, P. J. (1987). Systemic Insecticides for the Control of Insects on Flue-Cured Tobacco, 1986. *Insectic.Acaric.Tests* 12: 298-299 (353).
- EcoReference No.: 88779
Chemical of Concern: CBF,CPY,FMP,PMR,ADC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CPY,PMR),OK(CBF,ADC).
210. Sfara, V., De Licastro, S. A., Masuh, H. M., Seccacini, E. A., Alzogaray, R. A., and Zerba, E. N. (2007). Synergism Between Cis-Permethrin and Benzoyl Phenyl Urea Insect Growth Regulators Against *Aedes aegypti* Larvae. *J.Am.Mosq.Control Assoc.* 23: 24-28.
- EcoReference No.: 100192
Chemical of Concern: DFZ,NVL,PMR; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(PMR,DFZ,NVL).
211. Sibley, P. K. and Kaushik, N. K. (1991). Toxicity of Microencapsulated Permethrin to Selected Nontarget Aquatic Invertebrates. *Arch.Environ.Contam.Toxicol.* 20: 168-176.
- EcoReference No.: 101
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(PMR).

212. Sibley, P. K., Kaushik, N. K., and Kreutzweiser, D. P. (1991). Impact of a Pulse Application of Permethrin on the Macroinvertebrate Community of a Headwater Stream. *Environ.Pollut.* 70: 35-55.
- EcoReference No.: 96477
 Chemical of Concern: PMR; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR).
213. Siddappaji, C., Kumar, A. R. V., and Gangadharaiah (1986). Evaluation of Different Insecticidal Sprays Against the Chickpea *Heliothis armigera* (Hubner). *Pesticides* 20: 13-16.
- EcoReference No.: 89154
 Chemical of Concern: DM,AZD,ES,CBL,FNT,PHSL,MLN,MP,FNV,PMR,CYP,DCM,CPY,EFV;
Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DM,MP,FNV,PMR,CPY,CYP),TARGET(CBL),NO CROP,TARGET(MLN),EFFICACY(AZD).
214. Siegfried, B. D. (1993). Comparative Toxicity of Pyrethroid Insecticides to Terrestrial and Aquatic Insects. *Environ.Toxicol.Chem.* 12: 1683-1689.
- EcoReference No.: 9304
 Chemical of Concern: BFT,CPY,CYP,PMR,PYT; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY,CYP,BFT,PMR).
215. Spehar, R. L., Tanner, D. K., and Nordling, B. R. (1983). Toxicity of the Synthetic Pyrethroids, Permethrin and AC 222, 705 and Their Accumulation in Early Life Stages of Fathead Minnows and Snails. *Aquat.Toxicol.* 3: 171-182.
- EcoReference No.: 10503
 Chemical of Concern: PMR,PYT; Habitat: A; Effect Codes: MOR,GRO,ACC,REP; Rejection Code: LITE EVAL CODED(PMR).
216. Spencer, F. and Berhane, Z. (1982). Uterine and Fetal Characteristics in Rats Following a Post-Implantational Exposure to Permethrin. *Bull.Environ.Contam.Toxicol.* 29: 84-88.
- EcoReference No.: 91695
 Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM,BEH,REP; Rejection Code: LITE EVAL CODED(PMR),NO COC(TMT).
217. Spomer, S. M., Haile, F. J., and Higley, L. G. (1999). Alfalfa Insect Control, 1998. *Arthropod Manag.Tests* 24: 203-206 (F13).
- EcoReference No.: 88271
 Chemical of Concern: CYF,CBF,PMR,CPY; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PMR,CPY),OK(CYF,CBF).
218. Stratton, G. W. and Corke, C. T. (1982). Comparative Fungitoxicity of the Insecticide Permethrin and Ten Degradation Products. *Pestic.Sci.* 13: 679-685 .
- EcoReference No.: 91561
 Chemical of Concern: PMR,PBA,BZO; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PBA,PMR).
219. Stratton, G. W. and Giles, J. (1990). Importance of Bioassay Volume in Toxicity Tests Using Algae and Aquatic Invertebrates. *Bull.Environ.Contam.Toxicol.* 44: 420-427.
- EcoReference No.: 2554

- Chemical of Concern: ATZ,PMR,DDT; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(ATZ,PMR),OK(DDT).
220. Stratton, G. W., Huber, A. L., and Corke, C. T. (1980). The Effect of Pesticides and Their Metabolites, Alone and in Combination, on Algal Processes. *In: J.F.Klaverkamp, S.L.Leonard and K.E.Marshall (Eds.), Proc.6th Annu.Tox.Workshop, Can.Tech.Rep.Fish Aquat.Sci.No.975* 131-139.
- EcoReference No.: 4684
Chemical of Concern: PMR,ATZ,DU,PYT,DEATZ,DIATZ,DCT,PBA; Habitat: A; Effect Codes: POP,BCM,PHY; Rejection Code: LITE EVAL CODED(ATZ,DEATZ,DIATZ,DCT,PMR),OK(DU).
221. Sukul, P. (1994). Effect of Synthetic Pyrethroids on Leaf Chlorophyll and Grain Nutrient Element Content of Green Gram (*Vigna radiata* L.) Wilczek. *Agric.Biol.Res.* 10: 8-11.
- EcoReference No.: 93383
Chemical of Concern: FNV,PMR,CYP,DCM; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(FNV,PMR,CYP,DCM).
222. Summerlin, B., Gold, R., and Cook, J. (1999). Field Evaluation of Gard Star (Permethrin 40% EC) on Red Imported Fire Ant (Rifa), 1995. *Arthropod Manag.Tests* 24: 390 (J4).
- EcoReference No.: 99808
Chemical of Concern: PMR; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR).
223. Tasistro, A. and Mihm, J. A. (1987). Control of Fall Armyworm in Field Corn, 1985. *Insectic.Acaric.Tests* 12: 223-224 (260).
- EcoReference No.: 88711
Chemical of Concern: DCM,PMR,CPY,TBO,CBL,DM,CYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(PMR),EFFICACY(DCM,CPY,TBO,CBL,DM,CYP).
224. Taylor, K. S., Waller, G. D., and Crowder, L. A. (1987). Impairment of a Classical Conditioned Response of the Honey Bee (*Apis mellifera* L.) by Sublethal Doses of Synthetic Pyrethroid Insecticides. *Apidologie* 18: 243-252.
- EcoReference No.: 92559
Chemical of Concern: FVL,FNV,PMR,CYP,CYF,FYT; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(FNV,PMR),OK(FVL,CYP).
225. Taylor, W. G., Hall, T. W., and Vedres, D. D. (1998). Synthesis and Larvicidal Properties of Some Cyclopropylcarboxamides Related to cis-Permethrin. *J.Agric.Food Chem.* 46: 1572-1576.
- EcoReference No.: 99824
Chemical of Concern: PCPMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PCPMR).
226. Thompson, L. S. (1981). Field Evaluation of Insecticides for Control of the Alfalfa Blotch Leafminer and Its Effect on Alfalfa Yield in Prince Edward Island. *J.Econ.Entomol.* 74: 363-365.
- EcoReference No.: 99781
Chemical of Concern: FNV,CYP,PSM,DMT,MDT,OML,CBF,PMR,MOM,ACP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PMR),OK(FNV,CYP,PSM,DMT,MDT,OML,CBF,MOM,ACP).
227. Thurston, R. V., Gilfoil, T. A., Meyn, E. L., Zajdel, R. K., Aoki, T. L., and Veith, G. D. (1985).

- Comparative Toxicity of Ten Organic Chemicals to Ten Common Aquatic Species. *Water Res.* 19: 1145-1155.
- EcoReference No.: 12004
Chemical of Concern: PMR,PCP,EN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PCP,PMR),OK(EN).
228. Tilson, H. A., Hong, J. S., and Mactutus, C. F. (1985). Effects of 5,5-Diphenylhydantoin (Phenytoin) on Neurobehavioral Toxicity of Organochlorine Insecticides and Permethrin. *J.Pharmacol.Exp.Ther.* 233: 285-289.
- EcoReference No.: 100132
Chemical of Concern: PMR,DDT,HCCH; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(PMR).
229. Toscano, N. C., Sances, F. V., Johnson, M. W., and LaPre, L. F. (1982). Effect of Various Pesticides on Lettuce Physiology and Yield. *J.Econ.Entomol.* 75: 738-741.
- EcoReference No.: 41092
Chemical of Concern: FNV,MOM,MP,PMR; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: LITE EVAL CODED(MOM,MP,FNV,PMR).
230. Trimble, R. M. and Pree, D. J. (1987). Relative Toxicity of Six Insecticides to Male and Female *Pholetesor ornigis* (Weed) (Hymenoptera: Braconidae), a Parasite of the Spotted Tentiform Leafminer, *Phyllonorycter blancardella* (Fabr.) (Lepidoptera: Gracillariidae). *Can.Entomol.* 119: 153-157.
- EcoReference No.: 73594
Chemical of Concern: PMR,FNV,DM,AZ,MOM,PSM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,MOM,FNV,AZ).
231. Tu, C. M. (1978). Effect of Pesticides on Acetylene Reduction and Microorganisms in a Sandy Loam. *Soil Biol.Biochem.* 10: 451-456.
- EcoReference No.: 54977
Chemical of Concern: OML,EP,HCCH,NTP,24D,THM,Maneb,Captan,DPDP,PMR,CBF,CPY,DZ,ETN,FNF,MLN,PRN,PR T,CHD,DLD; Habitat: T; Effect Codes: POP,SYS; Rejection Code: LITE EVAL CODED(24D,Captan,CPY,MLN,PMR,PRT,DZ),TARGET(THM,Maneb),OK(CBF).
232. Tu, C. M. (1982). Effect of Pyrethroid Insecticides on Soybean and Its Pathogen *Rhizoctonia solani* Kuehn. *J.Environ.Sci.Health Part B* 17: 43-50.
- EcoReference No.: 99724
Chemical of Concern: THM,PMR,FNV,DCM,CYP; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(THM,PMR,FNV,CYP,DCM).
233. Tu, C. M. (1991). Effect of Some Technical and Formulated Insecticides on Microbial Activities in Soil. *J.Environ.Sci.Health Part B* 26: 557-573.
- EcoReference No.: 69689
Chemical of Concern: HgCl₂,FNF,FNV,PMR,CYP,DZ,CPY,CHD,ES,PRN,Hg,EFV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DZ,CYP,PMR,CPY,FNV).
234. Tu, C. M. (1981). Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil. *J.Environ.Sci.Health Part B* 16: 179-191.

- EcoReference No.: 93646
 Chemical of Concern:
 13DPE,PMR,OML,CBF,HCCH,DLD,CHD,TBO,PRT,PRN,MLN,CPY,DZ,ETN,EP,FNF,Captan,Maneb,THM,24D,NTP,DD,DPDP,TC17,DDMITC; Habitat: T; Effect Codes: SYS,POP; Rejection Code: LITE EVAL
 CODED(DZ,TBO,PRT,CPY,PMR,24D,DD,DPDP,13DPE,TC17),TARGET(Maneb,Captan,DDMITC),OK(CBF,MLN,THM).
235. Tu, C. M. (1980). Influence of Five Pyrethroid Insecticides on Microbial Populations and Activities in Soil. *Microb.Ecol.* 5: 321-327.
- EcoReference No.: 99642
 Chemical of Concern: PMR,CBF,CPY,Maneb,NTP,FPP,CYP,FNV,DM; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(PMR,CBF,CPY,Maneb,NTP,FPP,CYP,FNV,DM).
236. Tu, C. M. (1979). Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil. *J.Environ.Sci.Health Part B* 14: 617-624 .
- EcoReference No.: 93645
 Chemical of Concern:
 NTP,24D,13DPE,PMR,OML,CBF,HCCH,DLD,CHD,TBO,PRT,PRN,MLN,CPY,DZ,ETN,EP,FNF,Captan,Maneb,THM,DD,TC17,DDMITC; Habitat: T; Effect Codes: POP,SYS; Rejection Code: LITE EVAL
 CODED(DZ,TBO,PRT,CPY,24D,PMR,DD,TC17,13DPE),TARGET(Maneb,Captan),OK(DDMITC,CBF,MLN,THM).
237. Vijayan, V. A. and Ningegowda, N. (1993). Susceptibility Difference in Two Populations of *Culex quinquefasciatus* Say (Diptera: Culicidae) to Three Synthetic Pyrethroids. *Southeast Asian J.Trop.Med.Public Health* 24: 540-543.
- EcoReference No.: 100165
 Chemical of Concern: DM,CYP,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(CYP).
238. 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,TBF; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(TBF,CBL,PRT,MP,PMR),OK(EP,TBC).
239. Weiss, M. J., McLeod, P., Schatz, B. G., and Hanson, B. K. (1991). Potential for Insecticidal Management of Flea Beetle (Coleoptera: Chrysomelidae) on Canola. *J.Econ.Entomol.* 84: 1597-1603.
- EcoReference No.: 89123
 Chemical of Concern: EFV,PMR,ES,CBL,MLN; Habitat: T; Effect Codes: MOR,GRO,POP; Rejection Code: LITE EVAL CODED(EFV,PMR),OK(ES,CBL,MLN).
240. Werner, R. A. and Hilgert, J. W. (1992). Effects of Permethrin on Aquatic Organisms in a Freshwater Stream in South-Central Alaska. *J.Econ.Entomol.* 85: 860-864.
- EcoReference No.: 7354
 Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC,MOR,POP; Rejection Code: LITE EVAL CODED(PMR).
241. West, R. J. (1991). Notes on the Biology and Control of the Black Army Cutworm, *Actebia fennica*

(Lepidoptera: Noctuidae), in Black Spruce Plantations. *Proc.Entomol.Soc.Ont.* 122: 53-63.

EcoReference No.: 100247

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

242. 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(PMR,DMT,CYP,CBL).

243. Whalen, J. and Spellman, M. (1991). Control of Lepidopterous Larvae on Fall Cabbage 1990. *Insectic.Acaric.Tests* 16 : 65.

EcoReference No.: 82477

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

244. Whalen, J. and Spellman, M. (1993). Control of Lepidopterous Larvae on Spring Cabbage 1992. *Insectic.Acaric.Tests* 18: 115-116.

EcoReference No.: 82234

Chemical of Concern: DKGNa,CYH,MFZ,PMR,TDC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TDC,DKGNa,MFZ,CYH,PMR).

245. Wheelock, C. E., Miller, J. L., Miller, M. J., Phillips, B. M., Huntley, S. A., Gee, S. J., Tjeerdema, R. S., and Hammock, B. D. (2006). Use of Carboxylesterase Activity to Remove Pyrethroid-Associated Toxicity to *Ceriodaphnia dubia* and *Hyalella azteca* in Toxicity Identification Evaluations. *Environ.Toxicol.Chem.* 25: 973-984.

EcoReference No.: 99604

Chemical of Concern: PMR,BFT,CPYO; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(BFT),NO CONTROL(CPYO).

246. Winters, S. and Cartwright, B. (1992). Cabbage Looper and Diamondback Moth Control on Cabbage Spring, 1991. *Insectic.Acaric.Tests* 17: 91-92.

EcoReference No.: 82238

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

247. Wirth, M. C. and Georghiou, G. P. (1999). Selection and Characterization of Temephos Resistance in a Population of *Aedes aegypti* from Tortola, British Virgin Islands. *J.Am.Mosq.Control Assoc.* 15: 315-320.

EcoReference No.: 61087

Chemical of Concern: TMP,FNTH,MLN,CPY,EPRN,PMR,PPX,PPB; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(TMP,FNTH,MLN,CPY,EPRN,PMR,PPX,PPB).

248. Wolansky, M. J., Gennings, C., and Crofton, K. M. (2006). Relative Potencies for Acute Effects of Pyrethroids on Motor Function in Rats. *Toxicol.Sci.* 89: 271-277.

EcoReference No.: 83149

- Chemical of Concern: RSM,SBA,DM,CYP,BCY,EFV,CYH,FPP,PMR,BFT,TFT; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: LITE EVAL CODED(EFV,PMR),OK(RSM,CYP,BFT).
249. Yameogo, L., Tapsoba, J. M., and Calamari, D. (1991). Laboratory Toxicity of Potential Blackfly Larvicides on Some African Fish Species in the Onchocerciasis Control Programme Area. *Ecotoxicol. Environ. Saf.* 21: 248-256.
- EcoReference No.: 3042
Chemical of Concern: PMR,CHT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(CHT).
250. Yameogo, L., Traore, K., Back, C., Hougard, J. M., and Calamari, D. (2001). Risk Assessment of Etofenprox (Vectron) on Non-Target Aquatic Fauna Compared with Other Pesticides Used as Simulium Larvicide in a Tropical Environment. *Chemosphere* 42: 965-974.
- EcoReference No.: 60220
Chemical of Concern: EFX,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(EFX,PMR).
251. Yang, W., Spurlock, F., Liu, W., and Gan, J. (2006). Effects of Dissolved Organic Matter on Permethrin Bioavailability to Daphnia Species. *J. Agric. Food Chem.* 54: 3967-3972.
- EcoReference No.: 99603
Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR).
252. Yang, W. C., Hunter, W., Spurlock, F., and Gan, J. (2007). Bioavailability of Permethrin and Cyfluthrin in Surface Waters with Low Levels of Dissolved Organic Matter. *J. Environ. Qual.* 36: 1678-1685.
- EcoReference No.: 99602
Chemical of Concern: PMR,CYF; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: LITE EVAL CODED(PMR),OK(CYF).
253. Yasmeen, N. and Nayeemunnisa (1992). Insecticide Induced Disruptions in Functioning of Developing Brain of Rana cyanophlictis. *Indian J. Exp. Biol.* 30: 701-704.
- EcoReference No.: 100130
Chemical of Concern: PMR; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(PMR).
254. Yasuno, M., Hanazato, T., Iwakuma, T., Takamura, K., Ueno, R., and Takamura, N. (1988). Effects of Permethrin on Phytoplankton and Zooplankton in an Enclosure Ecosystem in a Pond. *Hydrobiologia* 159: 247-258.
- EcoReference No.: 99607
Chemical of Concern: PMR; Habitat: A; Effect Codes: PHY,POP,BCM; Rejection Code: LITE EVAL CODED(PMR).
255. Yasuno, M., Hanazato, T., Iwakuma, T., Takamura, K., Ueno, R., and Takamura, N. (1988). Effects of Permethrin on Phytoplankton and Zooplankton in an Enclosure Ecosystem in a Pond. *Hydrobiologia* 159:247-258 / *Int. Assoc. Theor. Appl. Limnol. Proc. / Int. Ver. Theor. Angew. Limnol. Verh.* 23: 770 (ABS).
- EcoReference No.: 12918
Chemical of Concern: PMR; Habitat: A; Effect Codes: BCM,MOR,PHY,POP,SYS; Rejection Code: LITE EVAL CODED(PMR).

256. Zeichner, B. C. and Perich, M. J. (1999). Laboratory Testing of a Lethal Ovitrap for *Aedes aegypti*. *Med.Vet.Entomol.* 13: 234-238.
- EcoReference No.: 100274
 Chemical of Concern: CYF,CYP,DM,PMR,BDC; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR),OK(CYF,CYP).
257. Zhang, L., Shono, T., Yamanaka, S., and Tanabe, H. (1994). Effects of Insecticides on the Entomopathogenic Nematode *Steinernema carpocapsae* Weiser. *Appl.Entomol.Zool.* 29: 539-547.
- EcoReference No.: 84164
 Chemical of Concern:
 TMP,FNT,DDVP,CPY,ACP,DZ,FNTH,MLN,TCF,PTP,PPF,IMC,FNV,SPS,MOM,OML,PPX,EFX,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(EFX,CPY,FNV,PMR,ACP,DZ,MLN,MOM),OK(TMP,IMC,PPF,OML).
258. Zhang, S. Y., Ito, Y., Yamanoshita, O., Yanagiba, Y., Kobayashi, M., Taya, K., Li, C., Okamura, A., Miyata, M., Ueyama, J., Lee, C. H., Kamijima, M., and Nakajima, T. (2007). Permethrin May Disrupt Testosterone Biosynthesis via Mitochondrial Membrane Damage of Leydig Cells in Adult Male Mouse. *Endocrinology* 148: 3941-3949.
- EcoReference No.: 99535
 Chemical of Concern: CPMR; Habitat: T; Effect Codes: CEL,REP,BCM,GRO,ACC; Rejection Code: LITE EVAL CODED(CPMR).
259. Zou, E. and Bonvillain, R. (2004). Chitinase Activity in the Epidermis of the Fiddler Crab, *Uca pugilator*, as an In Vivo Screen for Molt-Interfering Xenobiotics. *Comp.Biochem.Physiol.C* 139: 225-230.
- EcoReference No.: 81669
 Chemical of Concern: DDT,MTPN,DLD,PMR,TBT,ATZ; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(MTPN,ATZ,PMR).

Efficacy/Target Papers that were Acceptable for ECOTOX and OPP

1. Aliniaze, M. T. and Cranham, J. E. (1980). Effect of Four Synthetic Pyrethroids on a Predatory Mite, *Typhlodromus pyri*, and Its Prey, *Panonychus ulmi*, on Apples in Southeast England. *Environ.Entomol.* 9: 436-439.

EcoReference No.: 71020
 Chemical of Concern: PMR,CYP,PYT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CYP),OK(PYT),TARGET(PMR).

2. Argentine, J. A., Marshall Clark, J., and Ferro, D. N. (1989). Genetics and Synergism of Resistance to Azinphosmethyl and Permethrin in the Colorado Potato Beetle (Coleoptera: Chrysomelidae). *J.Econ.Entomol.* 82: 698-705.

Chemical of Concern: PPB,PMR,TBF; Habitat: T; Rejection Code: TARGET(PMR).

3. Argueta, T. B. O., Kawada, H., Sugano, M., Kubota, S. I., Shono, Y., Tsushima, K., and Takagi, M. (2004). Comparative Insecticidal Efficacy of a New Pyrethroid, Metofluthrin, Against Colonies of Asian *Culex quinquefasciatus* and *Culex pipiens pallens*. *Med.Entomol.Zool.* 55 : 289-294.

EcoReference No.: 83239
 Chemical of Concern: MTF,DATN,PMR,FNT; Habitat: T; Effect Codes: MOR; Rejection Code:

- LITE EVAL CODED(MTF),TARGET(PMR).
4. Armstrong, K. F. and Bonner, A. B. (1985). Investigation of a Permethrin-Induced Antifeedant Effect in *Drosophila melanogaster*: An Ethological Approach. *Pestic.Sci.* 16: 641-650.

Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).
 5. Ayyappath, R., Witkowski, J. F., and Higley, L. G. (1997). Ovipositional Responses of Two Species of Spider Mites (Acari: Tetranychidae) to Sublethal Concentrations of Permethrin and Methyl Parathion on Corn. *Environ.Entomol.* 26: 489-496.

EcoReference No.: 72885
Chemical of Concern: PMR,MP; Habitat: T; Effect Codes: MOR,REP; Rejection Code: TARGET(MP,PMR).
 6. Azmi, M. A., Naqvi, S., Khan, M. F., Akhtar, K., and Khan, F. Y. (1998). Comparative Toxicological Studies of Rb-a (Neem Extract) and Coopex (Permethrin+Bioallethrin) Against *Sitophilus oryzae* with Reference to Their Effects on Oxygen Consumption and Got, Gpt Activity. *Turk.J.Zool.* 22: 307-310.

Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).
 7. Bandyopadhyay, B., Paul, S. K., and Ghosh, M. R. (1996). Effects of Sublethal Doses of Some Insecticides on the Biology of *Sitophilus oryzae* (L.) (Coleoptera : Curculionidae). *Environ.Ecol.* 14: 334-338.

EcoReference No.: 40237
Chemical of Concern: DDVP,MLN,EFV,PMR,CYP; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET (MLN,EFV,PMR,CYP).
 8. Bartels, D. W. and Hutchison, W. D. (1993). Insecticidal and Microbial Control of ECB in Minnesota Sweet Corn, 1992. In: A.K.Burditt,Jr.(Ed.), *Insecticide & Acaricide Tests, Volume 18, Entomol.Soc.of Am., Lanham, MD* 119-120.

EcoReference No.: 79275
Chemical of Concern: CYP,BFT,PMR,MP,CYH; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BFT),TARGET(CYP),NO CROP(MP),EFFICACY(PMR).
 9. Bashir, N. H. H. and Crowder, L. A. (1983). Mechanisms of Permethrin Tolerance in the Common Green Lacewing (Neuroptera: Chrysopidae). *J.Econ.Entomol.* 76: 407-409.

Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).
 10. Beard, M. L., Maupin, G. O., Craven, R. B., Montman, C. E., and Barnes, A. M. (1992). Laboratory and Field Trials of Permethrin-Treated Cotton Used as Nesting Material to Control Fleas (Insecta: Siphonaptera) on Cricetid Rodents. *J.Med.Entomol.* 29: 338-342.

EcoReference No.: 99909
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,POP; Rejection Code: EFFICACY(PMR).
 11. Beck, N. G. and Cameron, P. J. (1992). Developing a Reduced Spray Program for Brassicas in New Zealand. In: N.S.Talekar (Ed.), *Diamondback Moth and Other Crucifer Pests, 2nd Int.Workshop, Dec.10-14, 1990, Tainan, Taiwan, Asian Veg.Res.and Dev.Ctr.(AVRDC), Shanhua, Taiwan* 341-350.

EcoReference No.: 100294
Chemical of Concern: PMR; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(PMR).

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Chemical of Concern: PPB,TBF,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(PPB,TBF),TARGET(PMR).
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Chemical of Concern: PYT,PMR,CBL,MLN,PPB,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN),OK(PYT,CPY),NO MIXTURE(PPB),TARGET(PMR,CPY).
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Chemical of Concern: AZ,DFZ,PMR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(AZ,PMR).
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Chemical of Concern: CPY,MOM,PFF,MDT,CYP,DM,PMR,SPS; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,CPY,MOM,PMR,PFF).
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Chemical of Concern: PPB,DDT,ES,PFF,AMZ,SPS,FYT,FNV,FPP,MP,CPY,PMR,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,AMZ),TARGET(MP,FNV,CPY,PMR,CYP,PFF).

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 Chemical of Concern: PMR,MLN,MP,DMT,PPX,FNV,DDT,TBF; Habitat: T; Effect Codes: MOR,ACC,BCM; Rejection Code: TARGET(DMT,MLN,MP,FNV,PMR),OK(ALL CHEMS).
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 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(ES),TARGET(PMR,CBL,MOM),EFFICACY(AZD).
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- EcoReference No.: 73097
 Chemical of Concern: EFV,MLN,ES,PMR,MOM,CBL,MP,PSM,AZD,PRN; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(EFV,MOM,AZD),EFFICACY(MLN,PMR,CBL,MP,PSM).
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 Chemical of Concern: PMR,DMT; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DMT),EFFICACY(PMR).
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 Chemical of Concern: PMR,DZ; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(DZ,PMR).
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Chemical of Concern: AMZ,PMR,CBL; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(PMR,CBL).
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Chemical of Concern: DM,PMR,CMPH; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(PMR,CMPH).
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- EcoReference No.: 78952
Chemical of Concern: C10OH,PMR,APAC,C8OH; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(C8OH,C10OH,APAC),TARGET(PMR).
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- EcoReference No.: 70523

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Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: TARGET(PMR).
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Chemical of Concern: RSM,DDT,PMR,PYT; Habitat: T; Rejection Code: NO TOX DATA,TARGET(RSM,PMR).
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Chemical of Concern: TBF; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: NO MIXTURE(TBF),TARGET(PMR).
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- Chemical of Concern: EFV,PMR; Habitat: T; Rejection Code: TARGET (EFV,PMR).
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Chemical of Concern: PMR,PPX,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DZ,PMR).
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- EcoReference No.: 76646

- Chemical of Concern: CYP,DM,PMR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CYP),TARGET(PMR).
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- EcoReference No.: 70309
 Chemical of Concern: DM,CYP,PMR,BRSM,MOM,PPX,PTP,TCF,MLN,MXC,DDT,HCCH ;
Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,BRSM),TARGET(MLN,MOM,PMR,PTP).
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- EcoReference No.: 90886
 Chemical of Concern: PMR,AZ,MOM; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,PMR,AZ).
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 Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,BCM,PHY; Rejection Code: TARGET(PMR).
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 Chemical of Concern: CYP,DM,PMR,CPYM,MLN,PIRM; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET (MLN,CPYM,PMR,CYP).
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 Chemical of Concern: PMR,FPN,IMC; Habitat: T; Effect Codes: BEH,POP; Rejection Code: TARGET(FPN,PMR,IMC).
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- EcoReference No.: 66759
 Chemical of Concern: PYT,DM,SBA,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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- Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).

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EcoReference No.: 81787

Chemical of Concern: PMR,BFT; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(PMR,BFT).

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EcoReference No.: 68146

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

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EcoReference No.: 99907

Chemical of Concern: DM,PMR,LCYT,CYF,MLN,DDT,PPX; Habitat: AT; Effect Codes: MOR,CEL; Rejection Code: TARGET(PMR,MLN).

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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,FPN;

Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL

CODED(CBF),TARGET(DMT,RTN,CYP,BFT,FPN,DZ,CBL,CPY,FNV,PMR),OK(ALL CHEMS).

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EcoReference No.: 78342

Chemical of Concern: As,PMR,PSM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(As),TARGET(PMR,PSM).

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EcoReference No.: 73696

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

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Chemical of Concern: EFV,PMR; Habitat: T; Rejection Code: TARGET (EFV,PMR).

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- Chemical of Concern: PPB,PMR; Habitat: T; Rejection Code: TARGET(PMR).
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- EcoReference No.: 69412
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR),NO COC(DZ).
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- EcoReference No.: 82403
Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: TARGET(PMR).
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- EcoReference No.: 71001
Chemical of Concern: AZ,PMR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(AZ,PMR).
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- EcoReference No.: 70501
Chemical of Concern: MOM,BDC,BFT,ACP,CHT,FPP,CYF,FVL,CYP,PMR,FNV,DDT,CBL,RSM; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(PMR,CYP,MOM,BFT,ACP,CYF,FVL,FNV,CBL,RSM).
63. Hameed, S. F. and Allen, J. G. (1976). Toxicity and Persistence of Some Organophosphorus Insecticides and Permethrin on Apple Fruits for the Control of Codling Moth, *Laspeyresia pomonella* (LP). *J.Hortic.Sci.* 51: 105-115.
- Chemical of Concern: PSM,PMR; Habitat: T; Rejection Code: EFFICACY (PSM,PMR).
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- EcoReference No.: 74886
Chemical of Concern: PPB,FNV,CYP,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,FNV,PMR),NO MIXTURE(PPB).
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- EcoReference No.: 72206
Chemical of Concern: DZ,DDT,AND,PSM,PMR,MVP,PRN,CPY,Naled,MOM,MLN,DM,CYP,CBF,AZ,FNV,FNF,ACP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF,CPY),TARGET(DZ,CYP,MLN,Naled,ACP,AZ,PMR,FNV,PSM),OK(ALL CHEMS).
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Diadegma semiclausum, a Parasitoid of the Diamondback Moth. *Biocontrol* 45: 165-178.

EcoReference No.: 66754

Chemical of Concern: CFP,PMR,KSM; Habitat: T; Effect Codes: MOR,GRO,POP; Rejection Code: TARGET(PMR).

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EcoReference No.: 74112

Chemical of Concern: MOM,FNV,PMR,ES,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(FNV,MOM,PMR,EFV).

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EcoReference No.: 72782

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

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EcoReference No.: 99751

Chemical of Concern: CBL,FNT,PMR,MXC; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CBL,PMR).

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EcoReference No.: 73595

Chemical of Concern: MOM,ACP,AZ,CPY,FNT,PMR,SPS,TDC,TCF; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(TDC,MOM,CPY,ACP,AC,PMR)).

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EcoReference No.: 79045

Chemical of Concern:

MVP,PPF,TBO,DCB,MXC,CYP,DM,FNV,CBX,DZM,NCTN,FMP,MDT,IFP,IZF,FNTH,FNT,ETN,FNF,DMT,DDVP,CPYM,CPY,AZ,AZM,PPX,PIM,OML,MOM,MCB,ADC,NAPH,PMR,ES,PCB,PSM,DS,DZ,CBF,CBL,PRT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CBL,PRT,DZ,NAPH,DCB,MOM,FNV,DMT,CPYM,DS,PSM,PMR,TBO).

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Chemical of Concern: MOM,PMR; Habitat: T; Rejection Code: TARGET(MOM,PMR).

73. Ho, T. M. and Ismail, S. (1991). Efficacy of Three Pyrethroids Against *Leptotrombidium fletcheri* (Acari: Trombiculidae) Infected and Noninfected with Scrub Typhus. *J.Med.Entomol.* 28: 776-779.

EcoReference No.: 74331

Chemical of Concern: DPTR,DCM,PMR,PYT; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),TARGET(PMR).

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EcoReference No.: 74427

Chemical of Concern: SBA,PMR,DCM; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),TARGET(PMR).

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EcoReference No.: 99811

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

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EcoReference No.: 76444

Chemical of Concern: PMR,CBL; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(DOD),TARGET(CBL),EFFICACY(PMR).

77. Horton, D. L., Sheppard, D. C., Nolan, M. P. Jr., Ottens, R. J., and Joyce, J. A. (1985). House Fly (Diptera: Muscidae) Resistance to Permethrin in a Georgia Caged Layer Poultry Operation. *J.Agric.Entomol.* 2: 196-199.

EcoReference No.: 99814

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

78. Hull, L. A. and Starner, V. R. (1983). Impact of Four Synthetic Pyrethroids on Major Natural Enemies and Pests of Apple in Pennsylvania. *J.Econ.Entomol.* 76: 122-130.

EcoReference No.: 72001

Chemical of Concern: AZ,PMR,PYT,FNV; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(AZ,FNV,PMR).

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EcoReference No.: 88953

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

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EcoReference No.: 93006

Chemical of Concern: PMR,FNV; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(PMR,FNV).

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- EcoReference No.: 99617
Chemical of Concern: EFV,PMR,CPY,TDC; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV,PMR,CPY,TDC).
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- EcoReference No.: 71036
Chemical of Concern: PMR,PSM,FNV; Habitat: T; Effect Codes: REP,GRO; Rejection Code: TARGET(FNV,PSM).
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- EcoReference No.: 71056
Chemical of Concern: PMR,PSM,FNV; Habitat: T; Effect Codes: REP,BEH; Rejection Code: TARGET(FNV,PSM,PMR).
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- EcoReference No.: 74111
Chemical of Concern: MOM,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,PMR).
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- EcoReference No.: 73711
Chemical of Concern: MOM,AV,PMR,CPY,BFT,PPB; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE,ENDPOINT(PPB),TARGET(BFT,CPY,MOM,PMR).
86. Ioannidis, P. M., Grafius, E., and Whalon, M. E. (1991). Patterns of Insecticide Resistance to Azinphosmethyl, Carbofuran, and Permethrin in the Colorado Potato Beetle (Coleoptera: Chrysomelidae). *J.Econ.Entomol.* 84: 1417-1423.
- Chemical of Concern: CBF,PMR; Habitat: T; Rejection Code: TARGET(PMR).
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- EcoReference No.: 37253
Chemical of Concern: PMR,HCCH,FVT; Habitat: T; Effect Codes: MOR,REP; Rejection Code: TARGET(PMR).
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- EcoReference No.: 37276
Chemical of Concern: PMR,ES; Habitat: T; Effect Codes: POP,MOR; Rejection Code:

TARGET(PMR).

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

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EcoReference No.: 88027

Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,BEH,CEL,PHY; Rejection Code: TARGET(PMR).

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EcoReference No.: 79772

Chemical of Concern: CPY,PMR,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CPY,PMR),NO COC(DS).

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EcoReference No.: 100171

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

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EcoReference No.: 71000

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

94. Kale, P. G., Petty, B. T. Jr., Walker, S., Ford, J. B., Dehkordi, N., Tarasia, S., Tasie, B. O., Kale, R., and Sohni, Y. R. (1995). Mutagenicity Testing of Nine Herbicides and Pesticides Currently Used in Agriculture. *Environ.Mol.Mutagen.* 25: 148-153.

EcoReference No.: 40147

Chemical of Concern: 24DXY,PMR,TFN,GYPI,PRO; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(PRO,24DXY,GYPI),TARGET(PMR).

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

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EcoReference No.: 71143

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

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- EcoReference No.: 79769
 Chemical of Concern: CYF,PMR,CBF,EFV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(EFV,CYF),OK(CBF),EFFICACY(PMR).
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- EcoReference No.: 67077
 Chemical of Concern: MLN,PMR,CPY,PPX,DDT,CYP,DM,LCYT; Habitat: AT; Effect Codes: MOR,BCM; Rejection Code: TARGET(PMR,MLN,CYP),OK(CPY).
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- EcoReference No.: 82424
 Chemical of Concern: FPP,FNV,EFV,PMR,CYP,DM,FNT,MDT; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV,PMR,CYP,FNV,MDT).
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- EcoReference No.: 66559
 Chemical of Concern: MOM,PMR,TVP,DMT,CYF; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,DMT,CYF,PMR,TVP).
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- Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).
102. Komalamisra, N., Trongtokit, Y., Palakul, K., Prummongkol, S., Samung, Y., Apiwathnasorn, C., Phanpoowong, T., Asavanich, A., and Leemingsawat, S. (2006). Insecticide Susceptibility of Mosquitoes Invading Tsunami-Affected Areas of Thailand. *Southeast Asian J.Trop.Med.Public Health* 37: 118-122.
- EcoReference No.: 99646
 Chemical of Concern: TMP,MLN,PMR,DM,DDT; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET(PMR),OK(TMP,MLN).
103. Kristan, M., Fleischmann, H., Della Torre, A., Stich, A., and Curtis, C. F. (2003). Pyrethroid Resistance/Susceptibility and Differential Urban/Rural Distribution of Anopheles arabiensis and An. gambiae s.s. Malaria Vectors in Nigeria and Ghana. *Med.Vet.Entomol.* 17: 326-332.
- EcoReference No.: 82507
 Chemical of Concern: DDT,DM,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
104. Kumari, J. P. and Naidu, B. P. (1987). Effects of Permethrin on Organic Constituents of the Silk Worm Bombyx mori. *Environ.Ecol.* 5: 717-719.

- EcoReference No.: 39937
Chemical of Concern: PMR; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(PMR).
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- EcoReference No.: 63703
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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- EcoReference No.: 72815
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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- EcoReference No.: 74121
Chemical of Concern: MOM,AV,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,PMR).
108. Lee, C. Y., Yap, H. H., Chong, N. L., and Lee, R. S. T. (1996). Insecticide Resistance and Synergism in Field Collected German Cockroaches (Dictyoptera: Blattellidae) in Peninsular Malaysia. *Bull.Entomol.Res.* 86: 675-682.
- EcoReference No.: 68673
Chemical of Concern: PTR,DM,DDT,PMR,CYP,PPX,BDC,CPY,PPB,DEF,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,DEP),TARGET(CPY,PMR,CYP).
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- EcoReference No.: 72759
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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- Chemical of Concern: MOM,PMR,CPY; Habitat: T; Rejection Code: TARGET(MOM,PMR,CPY).
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- EcoReference No.: 74115
Chemical of Concern: MOM,ACP,PMR,LCYT,TLM; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(MOM,ACP,PMR).
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 Chemical of Concern: FNV,PMR,PPF,DCM,CYP,CYF,MOM,MP; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,CYF,MP,FNV,MOM,PMR,PPF).
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- EcoReference No.: 88228
 Chemical of Concern: DZ,CMPH,AMZ,PPB,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR,DZ,CMPH).
114. Limoe, M., Enayati, A. A., Ladonni, H., Vatandoost, H., Baseri, H., and Oshaghi, M. A. (2007). Various Mechanisms Responsible for Permethrin Metabolic Resistance in Seven Field-Collected Strains of the German Cockroach from Iran, *Blattella germanica* (L.) (Dictyoptera: Blattellidae). *Pestic.Biochem.Physiol.* 87: 138-146.
- EcoReference No.: 92452
 Chemical of Concern: PMR,DDT,PPB,TBF; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(TBF),TARGET(PMR).
115. Liu, N. and Yue, X. (2000). Insecticide Resistance and Cross-Resistance in the House Fly (Diptera: Muscidae). *J.Econ.Entomol.* 93: 1269-1275.
- EcoReference No.: 87285
 Chemical of Concern: TBF,TPT,PPB,PMR,CYP,DM,CPY,PPX,FPN,IMC,SS; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(TBF,PPB),TARGET(PMR,CYP,CPY,FPN).
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- EcoReference No.: 78126
 Chemical of Concern: ALSV,BPZ,DZ,CPY,PMR,CuOH,CuS; Habitat: T; Effect Codes: MOR; Rejection Code: OK(CuS),TARGET(CPY,ALSV,DZ,PMR).
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- EcoReference No.: 72918
 Chemical of Concern: PMR,SMT,ATN; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,ATN),TARGET(SMT,PMR).
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- Chemical of Concern: TMT,PMR; Habitat: T; Rejection Code: TARGET (TMT,PMR).
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- EcoReference No.: 99803
 Chemical of Concern: PPX,ACP,MLN,CBL,PMR,DMT,DZ,CPY; Habitat: T; Effect Codes:

- POP,REP,MOR; Rejection Code: TARGET(ACP,MLN,CBL,PMR,DMT,DZ,CPY).
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- EcoReference No.: 93118
Chemical of Concern: TBF,PMR,PPB; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,TBF),TARGET(PMR).
121. Mahdavi, A., Solomon, K. R., and Hubert, J. J. (1991). Effect of Solanaceous Hosts on Toxicity and Synergism of Permethrin and Fenvalerate in Colorado Potato Beetle (Coleoptera: Chrysomelidae) Larvae. *Environ.Entomol.* 20: 427-432 .
- Chemical of Concern: EFV,PMR; Habitat: T; Rejection Code: TARGET (EFV,PMR).
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- EcoReference No.: 70635
Chemical of Concern: BRSM,RSM,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(RSM,PMR).
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- Chemical of Concern: EFV,PMR; Habitat: T; Rejection Code: TARGET (EFV,PMR).
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- EcoReference No.: 73032
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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- Chemical of Concern: PMR; Habitat: T; Rejection Code: TARGET(PMR).
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- EcoReference No.: 74860
Chemical of Concern: PPB,PIRM,TMP,DDT,CYH,PMR,CPY,MLN,PPX,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),TARGET(MLN,CPY,PMR,TMP).
127. McKee, M. J. and Knowles, C. O. (1984). Effects of Pyrethroids on Respiration in the Twospotted Spider Mite (Acari: Tetranychidae). *J.Econ.Entomol.* 77: 1376-1380.
- EcoReference No.: 71035
Chemical of Concern: FNV,CYP,FVL,FPP,DM,PMR; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: TARGET(CYP,FVL,PMR).

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 Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: TARGET(PMR).
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 Chemical of Concern: MOM,MDT,PMR,CYP,FNV,FPP,FVL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,FVL,FNV,MOM,PMR,MDT).
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 Chemical of Concern: DM,PMR,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CBL,PMR).
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 Chemical of Concern: LCYT,MLN,DDT,PMR,BDC; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),TARGET (MLN,PMR).
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- Chemical of Concern: ADC,PRT,AZD,CYH,ES,MP,EFV,PMR; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PRT),TARGET(MP,ADC,EFV,AZD,PMR).
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Chemical of Concern: DKG,ES,PMR,MOM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DKG,MOM),NO COC(TFZ),TARGET(PMR).
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Chemical of Concern: AZ,PMR,PPB,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,TBF),TARGET(AZ,PMR).
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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),TARGET(DZ,PMR,CBL,MP,CPY).
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 Chemical of Concern: PMR,PPB,PPX,DDT,SPS,MP,MLN,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: OK(MP,SPS,DDT),NO MIXTURE(PPB),TARGET(MLN,MP,PMR).
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Chemical of Concern: CYP,PMR,FNV,FPP,TCF; Habitat: T; Effect Codes: POP,ACC; Rejection Code: TARGET(CYP,PMR).
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Chemical of Concern: PYN,DMT,CPY,LCYT,CYP,PMR,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DMT,CPY,CYP,PMR).
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Chemical of Concern: MOM,PMR,MP,TDL,ZCYP,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,MP,MOM,PMR).
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Chemical of Concern: ACP,PMR,FNV,MP,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET(ACP,MP,PMR,FNV,MOM).
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Chemical of Concern: MOM,CBL,FNV,DMT,PMR,PFF,CYP,DFZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,FNV,DMT,CYP,CBL,PMR,PFF).
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Chemical of Concern: PMR,BFT,CYH,CPY; Habitat: T; Effect Codes: POP; Rejection Code:

- TARGET(CPY,BFT,PMR).
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 Chemical of Concern: CYR,TDC,FNV,MOM,PMR,MTM,ES; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(TDC,MTM,FNV,CYR,MOM,PMR).
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 Chemical of Concern: CYR,CYF,DMT,FPN,TVP,PMR,SS,PYN,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET(DMT,CYF,FPN,MOM,CYR,PMR,TVP).
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 Chemical of Concern: PPX,PMR,MLN,DM,CYP,CPY,BDC,PYN,PPB,DEF,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB,DEF),TARGET(MLN,CYP,CPY,PMR).
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 Chemical of Concern: PPB,TBF,Naled,MOM,DMT,FVL,ATN,PMR,SMT,CYF,BRSM,BFT,FNV,CYH,DM,FYT,AND,DD T,DDVP,AV; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: NO MIXTURE(TBF,PPB),TARGET(FNV,CYF,SMT,PMR,DMT,MOM,Naled,FVL,BFT,BRSM,ATN).
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- EcoReference No.: 74114
 Chemical of Concern: DDVP,DDT,MOM,PMR,DMT,Naled; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,PMR,DMT,Naled).
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 Chemical of Concern: FSTAL,MZB,CTN,PMR; Habitat: T; Rejection Code: EFFICACY(FSTAL,PMR).
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Chemical of Concern: DDT,DLD,MLN,DM,PMR,LCYT,FNT,PPX,FNTH,TMP; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET(PMR),OK(MLN,TMP).

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Chemical of Concern: MOM,PMR; Habitat: T; Rejection Code: TARGET(MOM,PMR).

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EcoReference No.: 70653

Chemical of Concern: RSM,CYP,PMR; Habitat: T; Effect Codes: BEH; Rejection Code: TARGET(CYP,RSM,PMR).

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Chemical of Concern: PPB,PYT,CYP,PMR; Habitat: T; Rejection Code: TARGET(CYP,PMR).

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EcoReference No.: 79795

Chemical of Concern: CYF,CBF,2CYT,CPY,MP,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBF),TARGET(MP,CPY,CYF,PMR).

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Chemical of Concern: FNV,CYP,CPY,ES,DMT,PPHD,PHSL,PMR; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: LITE EVAL CODED(CYP),TARGET(CPY,PMR,FNV),OK(ES,DMT,PPHD,PHSL).

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Chemical of Concern: DDT,EFX,LCYT,PYT,FNT,MLN,PMR,DM,EFX; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET (MLN,EFX,PMR).
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Chemical of Concern: PMR,DM,CYP,PYT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,PMR).
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Chemical of Concern: PMR,CBF,CYF,CPY; Habitat: T; Effect Codes: POP,REP; Rejection Code: EFFICACY(PMR,CYF,CPY),OK(CBF).
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Chemical of Concern: PMR,DM,LCYT; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO COC(MLT),TARGET(PMR).
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Chemical of Concern: PMR,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MLT),TARGET(CYP,PMR).
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- EcoReference No.: 75332
Chemical of Concern: DMT,MLN,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET (MLN, DMT,PMR).
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- Chemical of Concern: ES,PMR,TDC,IMC; Habitat: T; Effect Codes: REP,MOR; Rejection Code: TARGET(PMR,TDC,IMC).
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- Chemical of Concern: PPB,PMR; Habitat: T; Rejection Code: TARGET(PMR).
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Chemical of Concern: MOM,PMR,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MOM,PMR).
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Chemical of Concern: FNT,TMP,PMR,DM,DDT,MLN,PPX,FNTH,LCYT; Habitat: AT; Effect Codes: MOR; Rejection Code: TARGET(PMR),OK(TMP,MLN).
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Chemical of Concern: PPX,TCF,TMP,DZ,FNTH,FNT,MLN,PMR,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: TARGET(PMR),OK(MLN,DZ).
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- EcoReference No.: 96288
Chemical of Concern: CYR,PMR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CYR,PMR).
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Chemical of Concern: CYP,PMR,PPB,DEF,AMZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR),OK(CYP),NO MIXTURE(PPB,DEF).
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- Chemical of Concern: MOM,PMR; Habitat: T; Rejection Code: TARGET(MOM,PMR).
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- EcoReference No.: 65284

- Chemical of Concern: IMC,FPN,SS,PMR,DM,PPB,DEF,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: OK(IMC,SS,DM),NO MIXTURE(PPB,DEF),TARGET(PMR,FPN).
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Chemical of Concern: PMR,MTPN; Habitat: T; Effect Codes: POP,GRO,REP,BEH; Rejection Code: TARGET(MTPN,PMR).
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Chemical of Concern: MOM,ACP,DM,PMR,IMC,CFP,TDC,EMMB; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(TDC,MOM,ACP,PMR,IMC).
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- EcoReference No.: 70972
Chemical of Concern: CFP,PMR,TDC,MOM; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO COC(CSA),EFFICACY(PMR,TDC,MOM).
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Chemical of Concern: PMR,PYT,FNV,CBL,MLN; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MLN,CBL,PMR).
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Chemical of Concern: TMX,IMC,DM,MP,PSM,FPP,IDC; Habitat: T; Effect Codes: POP; Rejection Code: TARGET (PSM),NO COC(PMR).
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- EcoReference No.: 78378
Chemical of Concern: ALSV,PMR; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(ALSV),TARGET(PMR).

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- EcoReference No.: 58603
Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR).
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Chemical of Concern: DM,CYP,PMR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CYP,PMR).
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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: TARGET(PMR,MLN,FVL,CYP,DZ,TDC,BFT,CBL,MOM,TMT,MP,FNV,CPY).
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- Chemical of Concern: MOM,TBF,PMR; Habitat: T; Rejection Code: TARGET(MOM,PMR).
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Chemical of Concern: EFV,PMR; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: TARGET(EFV,PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: TARGET(PMR).
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Chemical of Concern: DDT,CBL,HCCH,PMR,CYP,DM,TMT; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(CYP,CBL,TMT,PMR).
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Chemical of Concern: MOM,PMR,CYP,FNV,DZ,BDC,AMZ,IMC,PPB,TBF,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: NO
MIXTURE(PPB),TARGET(CYP,DZ,FNV,MOM,PMR,IMC,EFV).

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EcoReference No.: 80063
Chemical of Concern: ACP,DCTP,MLN,PMR,TBF; Habitat: T; Effect Codes: MOR,GEN; Rejection Code: TARGET(MLN,ACP,PMR).

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Chemical of Concern: CBL,ES,PMR,MP,AZ,DFZ,FNV; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(AZ,CBL,MP,FNV,PMR).

Papers that Were Accepted by ECOTOX but not OPP

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EcoReference No.: 99671
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Chemical of Concern: PMR; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: NO CONTROL(PMR).
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EcoReference No.: 11837
Chemical of Concern: DDT,MLN,RSM,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(PMR,MLN),OK(DDT,RSM).
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EcoReference No.: 3644

Chemical of Concern: CPY,TBC,TDC,PMR,FNV; Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: NO CONTROL(CPY,TBC,TDC,PMR).

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EcoReference No.: 5876

Chemical of Concern: PMR,PCP; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO CONTROL(PMR),NO FOREIGN.

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 Chemical of Concern: PTPMR,DDT; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: NO CONTROL(PTPMR).
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 Chemical of Concern: FNV,PMR,CPY,MP,OML,PPF; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(FNV,PMR,CPY,MP,OML,PPF).
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 Chemical of Concern: BMY,Captan,PMR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(Captan),OK(PMR).
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 Chemical of Concern: AMZ,CBL,CPY,CYF,FPN,HCCH,PMR,PTR; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CPY),TARGET(CYF),OK(AMZ,CBL,FPN,HCCH,PTR),NO ENDPOINT(PMR).
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 Chemical of Concern: PPB,PRN; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(PPB),NO COC(PMR).

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EcoReference No.: 70785

Chemical of Concern:

RSM,DDT,HCCH,DZ,MOM,DMT,PPB,DM,BRSM,PYN,FNT,TVP,PIRM,TCF,BDC,PMR,DDVP,PMR; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO MIXTURE(BRSM,RSM,PYNN,PPB),TARGET(DMT,TVP).

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EcoReference No.: 72631

Chemical of Concern: CPY,DDT,PMR,PPB,PPX,TBF; Habitat: A; Effect Codes: BCM,CEL,MOR; Rejection Code: NO CONTROL(CPY,PMR),NO MIXTURE(PPB,TBF).

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EcoReference No.: 99743

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

63. Chiba, M., Kikuchi, T., Nagashima, Y., and Hashimoto, T. (1985). Compound Toxicity and Accumulation of Permethrin and Mercury in the Himehaka *Oryzias latipes*. *Bull.Jpn.Soc.Sci.Fish.* 51: 1341-1347.

EcoReference No.: 11197

Chemical of Concern: PMR,HgCl₂; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: NO CONTROL(PMR).

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EcoReference No.: 12252

Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(PMR).

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EcoReference No.: 557

Chemical of Concern: CYP,FPP,PMR,TDZ,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(CYP,FPP,PMR,TDZ,PYT).

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EcoReference No.: 100091

Chemical of Concern: VCZ; Habitat: T; Effect Codes: REP,GRO,PHY,BEH; Rejection Code: NO COC(PMR).

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EcoReference No.: 12018

Chemical of Concern: RSM,PYT,ATN,PMR,FNV,DM,CYP,FPP,EFV; Habitat: AT; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 96055

Chemical of Concern: NCTN,PPB,PPX,PMR; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 11018

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

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EcoReference No.: 91504

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

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EcoReference No.: 70191

Chemical of Concern: PIRM,CMPH,ADC,PMR,RSM,CBL,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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Chemical of Concern: PPB,PYT,FNV; Habitat: T; Rejection Code: NO COC(PMR).

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EcoReference No.: 48601

Chemical of Concern: PMR,FNT; Habitat: T; Effect Codes: POP,PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 4652

Chemical of Concern: CYP,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO

ENDPOINT(ALL CHEMS).

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EcoReference No.: 83041

Chemical of Concern: NFEDTA,ISO; Habitat: T; Effect Codes: BCM,PHY,GRO; Rejection Code: OK(ISO),NO MIXTURE(NFEDTA),NO COC(PMR).

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EcoReference No.: 74910

Chemical of Concern: PPB; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).

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EcoReference No.: 35123

Chemical of Concern:

AND,BRSM,CHD,CBL,CYP,DDT,DCM,DEM,DZ,DDVP,DMT,EN,ES,FNT,FNV,HPT,HCCH,MLN ,MXC,PRN,MP,PMR,PYN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV),NO CONTROL(AND,BRSM,CHD,CBL,CYP,DDT,DCM,DEM,DZ,DDVP,DMT,EN,ES,FNT,HPT,HCC H,MLN,MXC,PRN,MP,PMR,PYN).

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Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).

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EcoReference No.: 93074

Chemical of Concern:

PCPMR,PTPMR,RSM,DTCYP,HCCH,DDT,DMT,EPRN,ATN,DTATN,FNV,PPB; Habitat: T; Effect Codes: ACC,BCM,MOR; Rejection Code: NO CONTROL(RSM,HCCH,DDT,DMT,EPRN,ATN,DTATN,FNV,PPB,PCPMR,PTPMR),OK(DTCYP).

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Chemical of Concern: PPB,AZD,CYP; Habitat: T; Rejection Code: TARGET(AZD,CYP),NO COC(PMR).

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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),NO ENDPOINT(PMR).

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Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).

83. Dow Corning Corp. (1994). Bioconcentration of Eicosamethylsiloane (MD7M) in Rainbow Trout with Cover Letter Dated 04/20/94. *EPA/OTS Doc.#86940001479* (NTIS/OTS0572726).

Chemical of Concern: PPB; Habitat: A; Rejection Code: NO COC(PMR).

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Chemical of Concern: PPB; Habitat: A; Rejection Code: NO COC(PMR).

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Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).

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EcoReference No.: 99890

Chemical of Concern:

PPF,FPP,PSM,SPS,MPO,PRN,MP,DEF,DEM,ACP,CBL,CBF,MOM,PTPMR,TBC,EDTA,HgCl₂,Cu Cl,Hg,Cu,CdCl,MnCl,ZnCl₂,PBN,CoCl,MgCl,SFL,CN,CYP,PPB,PTR,PCPMR,PMR,TLM,FNV,FVL,ATN,RSM; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(PTPMR),NO IN VITRO(MP,CBL,CBF,MOM,SFL,CYP,PCPMR,PMR),NO MIXTURE(PSM),NO CONTROL,TARGET(PPF).

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EcoReference No.: 85981

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

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EcoReference No.: 56162

Chemical of Concern: CBL,CuS,NYP,PCP,PMR,NH; Habitat: A; Effect Codes: GRO,REP,MOR; Rejection Code: LITE EVAL CODED(CBL),OK(NH),NO MIXTURE(CuS,PCP,NYP,PMR),NO COC(DZ).

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EcoReference No.: 100207; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(PMR).

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EcoReference No.: 7050

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

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EcoReference No.: 6948

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

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EcoReference No.: 72485

Chemical of Concern: MOM,CYP; Habitat: T; Effect Codes: MOR,BCM,GRO; Rejection Code:
LITE EVAL CODED(CYP,MOM),NO COC(PMR).

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EcoReference No.: 72474

Chemical of Concern: PMR,PYN; Habitat: T; Effect Codes: MOR; Rejection Code: NO
CONTROL(ALL CHEMS).

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EcoReference No.: 99557

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

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EcoReference No.: 75771

Chemical of Concern: PPB; Habitat: T; Effect Codes: CEL,GRO,PHY; Rejection Code:
OK(PPB),NO COC(PMR).

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EcoReference No.: 100272

Chemical of Concern: PPB,TBF,PMR; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO
CONTROL(PMR,MIXTURE-PPB,TBF).

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EcoReference No.: 100758

Chemical of Concern: PMR,FNV,PPF,ES; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR,FNV,PPF,ES).

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EcoReference No.: 12785

Chemical of Concern: DM,PYT,PMR; Habitat: AT; Effect Codes: POP; Rejection Code: NO ENDPOINT(PMR).

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EcoReference No.: 99584

Chemical of Concern: AND; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(PMR).

100. Fleming, R. J., Holmes, D., and Nixon, S. J. (1998). Toxicity of Permethrin to *Chironomus riparius* in Artificial and Natural Sediments. *Environ.Toxicol.Chem.* 17: 1332-1337.

EcoReference No.: 100205

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

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EcoReference No.: 75547

Chemical of Concern: PPB,DCE; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: OK(DCE),NO MIXTURE(PPB),NO COC(PMR).

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Chemical of Concern: PPB,CPY,DS,ETN,MP; Habitat: T; Rejection Code: NO COC(PMR).

103. Frampton, G. K. (1999). Spatial Variation in Non-target Effects of the Insecticides Chlorpyrifos, Cypermethrin and Pirimicarb on *Collembola* in Winter Wheat. *Pestic.Sci.* 55: 875-886.

EcoReference No.: 66153

Chemical of Concern: CYP,CPY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CYP),OK(PIRM),OK TARGET(CPY),NO COC(PMR).

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EcoReference No.: 14680

Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO DURATION(PMR).

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Absorption of Lindane and Permethrin. *Arch.Dermatol.* 132: 901-905.

EcoReference No.: 99919

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

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EcoReference No.: 100203

Chemical of Concern: DMT,PMR,MAL,CPY,DZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO MIXTURE(DMT,PMR,CPY,DZ),NO ENDPOINT(MAL) .

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EcoReference No.: 74925

Chemical of Concern: PPB; Habitat: T; Effect Codes: BCM; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).

108. Fujitani, T., Tanaka, T., Hashimoto, Y., and Yoneyama, M. (1993). Subacute Toxicity of Piperonyl Butoxide in ICR Mice. *Toxicology* 83: 93-100.

EcoReference No.: 75194

Chemical of Concern: PPB; Habitat: T; Effect Codes: GRO,BCM,BEH,CEL,PHY; Rejection Code: OK(PPB),NO COC(PMR).

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EcoReference No.: 84774

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

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EcoReference No.: 49378

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

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EcoReference No.: 75496

Chemical of Concern: PPB; Habitat: T; Effect Codes: GRO; Rejection Code: OK(PPB),NO COC(PMR).

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EcoReference No.: 9985

- Chemical of Concern: PMR,ES,PHSL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(PMR,ES,PHSL).
113. Garcinuno, R. M., Fernandez-Hernando, P., and Camara, C. (2003). Evaluation of Pesticide Uptake by Lupinus Seeds. *Water Res.* 37: 3481-3489.
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Chemical of Concern: FMP,PMR,LNR,ATZ,SZ,CBL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(FMP,PMR,ATZ,SZ,CBL).
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- EcoReference No.: 36752
Chemical of Concern: PMR,SMT; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO COC(SMT),NO ENDPOINT(PMR).
116. Gaughan, L. C., Robinson, R. A., and Casida, J. E. (1978). Distribution and Metabolic Fate of trans- and cis-Permethrin in Laying Hens. *J.Agric.Food Chem.* 26: 1374-1380.
- EcoReference No.: 36753
Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO CONTROL,ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO COC(SMT),NO ENDPOINT(PMR).
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- EcoReference No.: 91555
Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR),NO COC(SMT).
119. Georghiou, G. P., Lagunes, A., and Baker, J. D. (1983). Effect of Insecticide Rotations on Evolution of Resistance. In: *J.Miyamoto and P.C.Kearney (Eds.), Proc.of the 5th Int.Congress of Pesticide Chemistry, Aug.29-Sept.4, 1982, Kyoto, Japan* 183-189.
- EcoReference No.: 16632
Chemical of Concern: DFZ,PPX,TMP,PMR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(TMP,PMR,DFZ).
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- EcoReference No.: 15277
Chemical of Concern: PMR,RTN,ATM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(RTN),NO CONTROL(PMR,ATM).
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- EcoReference No.: 99606
Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: RSM,PYT,PMR,ATN,SMT; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RSM,PYT,PMR,ATN,SMT).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,ACC,PHY; Rejection Code: NO CONTROL(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: PHY,ACC,BCM; Rejection Code: NO ENDPOINT,NO CONTROL(PMR).
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Chemical of Concern: PMR,DM,ALSV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ALSV),NO MIXTURE(PMR,DM).
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Chemical of Concern: TYF,Captan,TBA,Maneb,CYP,ACP,AMZ,MOM,IPD,DM,PIRM,DCF,VCZ,RSM,PMR,BRSM,FNV,OML,EFV; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
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- EcoReference No.: 74373
Chemical of Concern: DFZ,FNV,PMR,DCM,CPYM,MOM,ACP,DDVP,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(MOM,TARGET-DZ,ACP,CPYM,FNV,PMR).
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Chemical of Concern: AZ,ES,PMR,FNV,CYP,MOM; Habitat: T; Effect Codes: MOR,GRO,POP; Rejection Code: NO DURATION(AZ,ES,PMR,FNV,CYP,MOM),NO MIXTURE,ENDPOINT(AZ,ES,PMR,FNV,CYP,MOM).
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 Chemical of Concern: MLN,PMR,PPB; Habitat: T; Effect Codes: ACC; Rejection Code: NO MIXTURE(PPB,PMR),OK(MLN).
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Chemical of Concern: PMR; Habitat: AT; Effect Codes: POP,ACC,MOR; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PPB,MOM,AZM,DMT,BRSM,SS; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(DMT,RSM,MOM),NO COC(PMR).
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EcoReference No.: 13218

Chemical of Concern: DLD,DMT,PMR; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(DMT),OK(DLD),NO CONTROL(PMR).

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EcoReference No.: 74930

Chemical of Concern: PPB,DDT,DM; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: NO MIXTURE(PPB),OK(DM,DDT),NO COC(PMR).

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- EcoReference No.: 77207
 Chemical of Concern:
 ES,DLD,DDT,PMSM,FNT,DZ,CPY,CPYM,MLN,CBL,PPX,BFT,PMR,DM,ACT,HMN,BDC;
Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
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 Chemical of Concern: PMR,CPY; Habitat: T; Effect Codes: MOR,POP,GRO; Rejection Code: NO ENDPOINT(PMR,CPY).
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 Chemical of Concern: TMP,PMR; Habitat: AT; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PMR),OK(TMP).
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 Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(PMR).
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 Chemical of Concern: DZM,DBN,DDT,24DXYBEE,FNV,GYP,Maneb,MCPA,PCP,MCPP1,CQTC,MCPA,PMR,TBTF,OTN,C10OH,Zn,NH,C8OH,24DXY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP,C8OH,MCPP1,PCP,C10OH,DZM,CQTC,DBAC,OTN),NO CONTROL(PMR,TBTF,24DXY,FNV,Maneb).
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 Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC,MOR,BEH,GRO; Rejection Code: NO CONTROL(PMR).
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 Chemical of Concern: PCPMR,PTPMR,PFF,FNF,BFT; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(PCPMR,PTPMR).
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- EcoReference No.: 14588

- Chemical of Concern: PMR,FNT,PL,CN,FLU; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(FNT,PL,CN),NO CONTROL(PMR,FLU).
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Chemical of Concern: CYP,BRSM,PMR,CPY,DM,FNV; Habitat: A; Effect Codes: ACC,BEH,BCM,POP,MOR; Rejection Code: LITE EVAL CODED(BRSM,CYP,FNV),NO CONTROL,NO ENDPOINT(CPY),NO ENDPOINT(PMR).
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Chemical of Concern: CYP,PMR,CPY,FNV,EFV; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
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Chemical of Concern: DDT; Habitat: A; Effect Codes: MOR; Rejection Code: NO COC(PMR).
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Chemical of Concern: PMR,DDT,PPB; Habitat: A; Effect Codes: PHY,POP; Rejection Code: NO MIXTURE(PPB),NO CONTROL(PMR,DDT).
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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).
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Chemical of Concern: DS,PMR,PMT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS,PMR).
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Chemical of Concern:
EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQT
C,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,M
CPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,C

- YT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MT AS,OXD,PEPPG,TBF,CPYM,FLU,PPG,EPTC; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL
 CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,C uS, DOD,NaN3,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO
 CONTROL(PMR,EPTC,PPG,GYP,LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP, Naled,BS,OXD,Captan,MLN,HXZ,TBF).
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 Chemical of Concern: CYP,PMR,FNV; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: NO CONTROL(CYP,PMR,FNV).
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 Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR,REP,POP; Rejection Code: NO CONTROL(PMR).
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 Chemical of Concern: PBA; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(PBA).
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- EcoReference No.: 75140
 Chemical of Concern: PPB; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).
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 Chemical of Concern: PMR,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PMR).
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 Chemical of Concern: ATN,TMT,RSM,PMR; Habitat: AT; Effect Codes: PHY,MOR,GRO; Rejection Code: NO CONTROL (ALL CHEMS).
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 Chemical of Concern: 13DPE,PPB; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: LITE EVAL CODED(13DPE),NO MIXTURE(PPB),NO COC(PMR).
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 Chemical of Concern: PPB,DCB,PCB; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DCB),NO MIXTURE(PPB)//NO MIXTURE,RESIDUE(PCB),NO COC(PMR).
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 Chemical of Concern: PPB; Habitat: T; Effect Codes: MOR,PHY,BCM,GRO; Rejection Code: NO MIXTURE(PPB),NO COC(NAPH,PMR).
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 Chemical of Concern: CYP; Habitat: T; Effect Codes: GRO,ACC,BEH,PHY; Rejection Code: NO ENDPOINT(CYP),NO COC(PMR).
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- EcoReference No.: 85
 Chemical of Concern: CYF,PMR,PYT,LCYT,BFT,TLM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(BFT,CYF),NO CONTROL(PMR),OK(PYT,LCYT,TLM).
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 Chemical of Concern: NAPH,Hg,Cu,PMR,HCCH,Naled; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: Cu,PMR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(Cu,PMR).
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 Chemical of Concern: FNTH,DZ,TMP,CYP,PMR,DM,PPX,FNT,MLN; Habitat: AT; Effect Codes: MOR; Rejection Code: NO CONTROL(DZ,TMP,CYP,PMR,MLN).
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 Chemical of Concern: PMR; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(PMR).
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 Chemical of Concern: DM,PYT,EFV,PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(PMR).
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Chemical of Concern: AZ,DDT,PMR,MXC,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(TARGET-PMR,AZ,CBL),NO MIXTURE(PPB,TBF).
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Chemical of Concern: PMR,PPB,TBF; Habitat: A; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),NO CONTROL(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: GRO,MOR,REP; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: DDT,MLN,DZ,CYP,FNT,DLD,PMR,PPX; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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 Chemical of Concern: IMC,DM,EFV; Habitat: T; Effect Codes: POP; Rejection Code: TARGET,NO CROP(EFV),NO COC(PMR).
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- Chemical of Concern: PPB,AZD,PSM,CYR; Habitat: T; Rejection Code: TARGET(AZD,PSM),NO COC(PMR).
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- EcoReference No.: 9253
 Chemical of Concern: DMT,HCCH,LNR,PAQT,PMR,ES,DCF,FNT,AND,PPN,ODZ,PIRM ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(PMR,LNR).
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- 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).
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 Chemical of Concern: PYX,FNT,PMR; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: NO CONTROL(PMR).
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 Chemical of Concern: PCP,PMR; Habitat: T; Effect Codes: ACC,MOR,BCM; Rejection Code: NO ENDPOINT(PMR,PCP).
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 Chemical of Concern: PMR,PRN,FNF; Habitat: AT; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(PMR).
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Chemical of Concern: PCPMR,PTPMR; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT(PCPMR,PTPMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(PMR).
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Chemical of Concern: CYP,PMR,PYT,FNV,EFV; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(CYP),NO CONTROL(PMR,FNV).
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Chemical of Concern: PMR,PYT; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR,PYT; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: CYP,PMR,PPB,PYT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP),NO MIXTURE(PPB),NO CONTROL(PMR).
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Chemical of Concern: PPB; Habitat: A; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).

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EcoReference No.: 79178

Chemical of Concern: CYP,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO MIXTURE(CBL),OK(CYP),NO COC(PMR).

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Chemical of Concern: PYX,PMR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO MIXTURE,NO CONTROL(PMR).

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Chemical of Concern: PYT,PMR,CYP,DM; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: PPB; Habitat: T; Effect Codes: BCM; Rejection Code: NO MIXTURE(PPB),NO FATE,NO COC(PMR).

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Chemical of Concern: PPB; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(PPB),NO COC(PMR).

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

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 Chemical of Concern: CYT,DMT,AZD,PMR,PPB; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO COC(CYR),EFFICACY(AZD),NO MIXTURE(PMR,PPB).
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 Chemical of Concern: DLD,PMR,CYP,DCM; Habitat: AT; Effect Codes: MOR,ACC,POP; Rejection Code: NO CONTROL(ALL CHEMS).
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 Chemical of Concern: DM,PCPMR,DDT; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(PCPMR).
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 Chemical of Concern: CYT,PMR,CYH; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: Hg,ATZ,PMR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: ATZ,PMR; Habitat: A; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: PMR,PYT; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: NO CONTROL(PMR).
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- Chemical of Concern: PMR,MXC,CYP,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(PMR),NO ENDPOINT,NO CONTROL(DZ,MXC,CYP,CBL).
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Chemical of Concern: PMR,BZO,SMT; Habitat: A; Effect Codes: GRO,PHY,POP; Rejection Code: LITE EVAL CODED(BZO),OK(SMT),NO ENDPOINT,NO CONTROL(PMR).
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Chemical of Concern: DDT,HPT,CPY,MLN,TMP,CBL,MOM,PPX,PMR,RSM,SMT; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT(DDT,HPT,CPY,MLN,TMP,CBL,MOM,PPX,PMR,RSM,SMT).
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Chemical of Concern: PPB,ABM; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,BTC,TBC,FNV,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,BTC,TBC,FNV,Zn),NO CONTROL(PSM).
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- EcoReference No.: 100291

- Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: A; Effect Codes: ACC,BCM; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PMR).
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Chemical of Concern: GYP,HXZ,FZFB,PMR,PIRM; Habitat: AT; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,PMR),NO CONTROL(HXZ).
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- EcoReference No.: 100191
Chemical of Concern: PMR,ES,DZ,DDVP,FML; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL,NO MIXTURE(PMR,DZ).
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Chemical of Concern: PPB; Habitat: T; Effect Codes: BEH,MOR,CEL,GRO,BCM,PHY; Rejection Code: OK(PPB),NO COC(PMR).
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EcoReference No.: 74868

Chemical of Concern: PPB; Habitat: T; Effect Codes: GRO,MOR,CEL,BCM; Rejection Code: LITE EVAL CODED(PPB),NO COC(PMR).

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EcoReference No.: 17813

Chemical of Concern: FPP,SMT,PYT,FNV,CYP,DDT,PMR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ABSTRACT(FPP,SMT,PYT,FNV,CYP,DDT,PMR).

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EcoReference No.: 5198

Chemical of Concern: PMR,DCM,AZM,TVP,ES; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT,NO CONTROL(DCM,AZM,TVP,ES),NO ENDPOINT(PMR).

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Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).

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Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).

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EcoReference No.: 74912

Chemical of Concern: PPB; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(PPB),NO COC(PMR).

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Chemical of Concern: CPY,PMR; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(CPY),NO CONTROL(PMR).
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Chemical of Concern: CPY,PMR,PYT; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: NO ENDPOINT,NO CONTROL(PMR,CPY).
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Chemical of Concern: PMR,FNT; Habitat: T; Effect Codes: POP,BEH; Rejection Code: NO ENDPOINT(PMR).
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- Chemical of Concern: PPB; Habitat: T; Rejection Code: NO COC(PMR).
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Chemical of Concern: Co,PMR; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(PMR).
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