



Appendix E. Papers Accepted for Esfenvalerate for ECOTOX and OPP but not included

These papers were not included in the risk assessment for the CRLF because they were about efficacy, sublethal effects that are not useful to the CRLF assessment, did not provide a more sensitive endpoint, and/or did not provide any additional information.

1. Abdallah, S. A. (1982). Efficacy of Certain Synthetic Pyrethroids *Bacillus thuringiensis* and Their Combination on the Egyptian Cotton Leafworm *Spodoptera littoralis*. *Bull.Entomol.Soc.Egypt.Econ.Ser.* 13: 145-156.

Chemical of Concern: EFV; Habitat: T; Rejection Code: TARGET (EFV).
2. Abdullah, N. M. M., Singh, J., and Sohal, B. S. (2006). Behavioral Hormologosis in Oviposition Preference of *Bemisia tabaci* on Cotton. *Pestic.Biochem.Physiol.* 84: 10-16.

EcoReference No.: 90146
Chemical of Concern: CBL,ACP,ES,FNV; Habitat: T; Effect Codes: BCM,REP; Rejection Code: LITE EVAL CODED(FNV),OK(CBL,ACP).
3. Ahmad, H. and Rizvi, S. M. A. (1994). Efficacy of Pyrethroids and Some Conventional Insecticides Against *Earias vitella* in Okra. *Indian J.Plant Prot.* 22: 65-68.

EcoReference No.: 89018
Chemical of Concern: DM,CYP,PMR,FNV,PPHD,DMT,MLN,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(DM,CYP,PMR,PPHD),OK TARGET(CBL),TARGET,NO CROP(MLN,DMT,FNV).
4. Ahmad, M., Hollingworth, R. M., and Wise, J. C. (2002). Broad-Spectrum Insecticide Resistance in Obliquebanded Leafroller *Choristoneura rosaceana* (Lepidoptera: Tortricidae) from Michigan. *Pest Manag.Sci.* 58: 834-838.

EcoReference No.: 70966
Chemical of Concern: IDC,CFP,EMMB,MFZ,TUZ,BFT,ZCYP,AZ,CPY,PSM,CYP,DM,EFV,FNV,ES,TDC,MOM,CBL,SS; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZ,IDC,CFP,EMMB,MFZ,TUZ,BFT,ZCYP,CPY,PSM,CYP,DM,EFV,FNV,ES,TD C,MOM,CBL,SS).
5. Aliniyazee Mt (1986). The European Winter Moth as a Pest of Filberts: Damage and Chemical Control. *J.Entomol.Soc.B C* 83: 6-12.

EcoReference No.: 93065
Chemical of Concern: ES,CBL,FNV,DZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(FNV).
6. All, J. N. and All, J. D. (1987). Field Corn, Fall Armyworm Control in Whorl Stage Field Corn, Conventional Tillage and no Tillage, 1986. *Insectic.Acaric.Tests* 12: 181-182 (No. 213).

EcoReference No.: 88712
Chemical of Concern: PPB,CBL,BFT,FNV,CYP,TLM,CPY,EFV,CYF,CYH,MOM; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL,BFT,CYP,EFV,CYF,MOM),TARGET(CPY).
7. All, J. N., Javid, A., and Chamberlin, J. R. (1987). Insecticide Control of Sorghum Head Worms in Georgia, 1986. *Insectic.Acaric.Tests* 12: 266 (No. 314).

EcoReference No.: 88706
Chemical of Concern: CYF,CBL,CYP,CPY,TLM,PMR,PPB,MOM,BFT,FNV,EFV,CYH;
Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK
TARGET(CYF,CBL,CYP,PMR,MOM,EFV),TARGET(CPY).

8. Amarasekare, K. G. and Edelson, J. V. (2004). Effect of Temperature on Efficacy of Insecticides to Differential Grasshopper (Orthoptera: Acrididae). *J.Econ.Entomol.* 97: 1595-1602.

EcoReference No.: 87503
Chemical of Concern: Naled,EFV,ES,SS,AZD,DFZ; Habitat: T; Effect Codes: POP;
Rejection Code: TARGET(Naled,EFV).

9. Andersen, A. (1992). Effects of Fenvalerate and Esfenvalerate on Carabid and Staphylinid Species in Spring Barley Fields. *Norw.J.Agric.Sci.* 6: 411-417.

EcoReference No.: 92540
Chemical of Concern: FNV,EFV; Habitat: T; Effect Codes: POP,MOR; Rejection Code:
OK TARGET(FNV,EFV).

10. Andersen, A. (1990). Spiders in Norwegian Spring Barley Fields and the Effects of Two Insecticides. *Norw.J.Agric.Sci.* 4: 261-271.

EcoReference No.: 92562
Chemical of Concern: FNV,PIRM,DMT; Habitat: T; Effect Codes: POP; Rejection Code:
OK TARGET(FNV,DMT).

11. Antonious, G. F. (2001). Persistence and Performance of Esfenvalerate Residues on Broccoli. *Pest Manag.Sci.* 58: 85-91.

EcoReference No.: 90195
Chemical of Concern: EFV; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO
COC(CTN),OK TARGET,NO CROP(EFV).

12. Antonious, G. F. and Byers, M. E. (1994). Esfenvalerate Residues on Pepper and Pumpkin Following Application for Control of Cucumber Beetles (Coleoptera: Chrysomelidae). *J.Entomol.Sci.* 29: 441-449.

EcoReference No.: 89651
Chemical of Concern: EFV; Habitat: T; Effect Codes: POP; Rejection Code: NO
COC(CTN),OK TARGET(EFV).

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

EcoReference No.: 90636
Chemical of Concern: MLN,CBL,PMR,EFV,CYF,CYP,CBF,LCYT,PSM,TDC,CPY;
Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS),OK(CBF).

14. 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).

15. Asmatullah, Jabeen, Z., and Andleeb, S. (2002). Embryotoxic Effects of Fenvalerate in Developing Chicks. *Punjab Univ.J.Zool.* 17: 126-133.

EcoReference No.: 92949

Chemical of Concern: FNV; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(FNV),NO COC(EFV).

16. Atkins, E. L. and Kellum, D. (1986). Comparative Morphogenic and Toxicity Studies on the Effect of Pesticides on Honeybee Brood. *J.Apic.Res.* 25: 242-255 .

EcoReference No.: 70351

Chemical of Concern:

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

18. Babu, T. R. and Ramanamurthy, G. (1999). Residual Toxicity of Pesticides to the Adults of *Cryptolaemus montrouzieri* Mulsant (Coccinellidae: Coleoptera). *Int.Pest Control* 41: 137-138.

EcoReference No.: 92067

Chemical of Concern: ACP,ES,CPY,FNV,CYP,CTN,AZD,MZB; Habitat: T; Effect Codes: MOR; Rejection Code: OK(CTN,MZB),OK TARGET(ACP,CPY,FNV,CYP,AZD).

19. Bailey, W. C. and Munson, R. E. (1987). Potato Leafhopper Control, Missouri (Northern), 1986. *Insectic.Acaric.Tests* 12: 163 (No. 191).

EcoReference No.: 88716

Chemical of Concern: CYF,FVL,EFV,FNV,MDT,CBF,CPY,MP,CBL,DMT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CYF,FVL,EFV,MP,CBL,DMT),TARGET(CPY).

20. Bailey, W. C., Munson, R. E., and Booker, B. E. (1987). Potato Leafhopper Control, Missouri (Southern), 1986. *Insectic.Acaric.Tests* 12: 162 (No. 190).

EcoReference No.: 88719

Chemical of Concern: CPY,FNV,EFV,MP,CYF,MDT,FVL,CBL,CBF,DMT; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY,MDT,CBF),OK TARGET(CBL,EFV,FNV,CPY,MP,CYF,FVL,DMT).

21. Balbaa, M., Abdelhamid, E. M. E., and Bassiouny, K. (1998). Enhancement of Lysosomal Enzymes by the Pyrethroids, Fenvalerate and Trans-Cypermethrin. *Jpn.J.Toxicol. Environ.Health* 44: 83-91.

EcoReference No.: 93213

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

22. Ballal, C. R. and Kumar, P. (1991). Differential Response of *Allorhogas pyralophagus* (Hymenoptera: Braconidae) to Various Pesticides. *Indian J.Agric.Sci.* 61: 78-79.

EcoReference No.: 90487

Chemical of Concern: DCF,PHSL,OXD,DMT,ES,CYP,MZB,Zineb,PPHD,FNT,DCM,FNV;

Habitat: T; Effect Codes: MOR,BEH,REP,POP; Rejection Code: LITE EVAL CODED(MZB),OK TARGET(OXD,DMT,CYP,FNV).

23. 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).
24. Barakat, A. A., Shereef, G. M., Abdallah, S. A., and Amer, S. A. (1984). Joint Action of Some Pesticides and Plant Extracts Against *Tetranychus-Urticae* Koch. *Bull.Entomol.Soc.Egypt Econ.Ser.* 0: 243-250.
- Chemical of Concern: EFV; Habitat: T; Rejection Code: TARGET(EFV).
25. Bareth, S. S. and Gupta, H. C. (1989). Efficacy of Six Insecticides for the Protection of Stored Wheat Seeds Against *Rhizopertha dominica* (Fab.). *Seed Res.* 17: 43-46.
- EcoReference No.: 93042
Chemical of Concern: DM,CYP,FNV,FNT,CPY,MLN; Habitat: T; Effect Codes: POP,REP; Rejection Code: EFFICACY(CPY,FNV),OK(MLN,CYP).
26. Beers, E. H., Brunner, J. F., Dunley, J. E., Doerr, M., and Granger, K. (2005). Role of Neonicotinyl Insecticides in Washington Apple Integrated Pest Management. Part II. Nontarget Effects on Integrated Mite Control. *J.Insect Sci.* 5: 1-10.
- EcoReference No.: 83279
Chemical of Concern: AZ,PSM,ACT,EFV,TAP,TMX,IMC; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(AZ,EFV).
27. Beketov, M. A. and Liess, M. (2005). Acute Contamination with Esfenvalerate and Food Limitation: Chronic Effects on the Mayfly, *Cloeon dipterum*. *Environ.Toxicol.Chem.* 24: 1281-1286.
- EcoReference No.: 87496
Chemical of Concern: EFV; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: TARGET(EFV).
28. Beketov, M. A. and Liess, M. (2006). The Influence of Predation on the Chronic Response of *Artemia* sp. Populations to a Toxicant. *J.Appl.Ecol.* 43: 1069-1074.
- EcoReference No.: 92491
Chemical of Concern: EFV; Habitat: A; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(EFV).
29. Belden, J. B. and Lydy, M. J. (2006). Joint Toxicity of Chlorpyrifos and Esfenvalerate to Fathead Minnows and Midge Larvae. *Environ.Toxicol.Chem.* 25: 623-629.
- EcoReference No.: 93276
Chemical of Concern: CPY,EFV; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CPY,EFV).
30. Bhatnagar, M. C., Laxmi, R., Sharma, V., and Sharma, I. (2003). Toxicity of Valour and Match to Common Carp, *Cyprinus carpio* (Linn.). *J.Ecophysiol.Occup.Health* 33: 85-92.

EcoReference No.: 93481
Chemical of Concern: FNV,ETN; Habitat: A; Effect Codes: MOR,PHY,BEH; Rejection Code: LITE EVAL CODED(FNV).

31. Bishop, B., Grafius, E., Hayden, J., Stehr, J., and Davis, A. (1988). Insect Control on Broccoli, 1987. *Insectic.Acaric.Tests* 13: 91-92 (No. 6E).

EcoReference No.: 88840
Chemical of Concern: CPY,EFV,PMR,CYP,CBL,TDC; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY),OK TARGET(ALL CHEMS).

32. Bostanian, N. J. and Belanger, A. (1985). The Toxicity of Three Pyrethroids to *Amblyseius fallacis* (Garman) Acari Phytoseiidae and Their Residues on Apple Foliage. *Agric.Ecosyst.Environ.* 14: 243-250.

EcoReference No.: 92887
Chemical of Concern: PMR,CYP,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(PMR,CYP,FNV).

33. Bostanian, N. J., Belanger, A., and Rivard, I. (1985). Residues of Four Synthetic Pyrethroids and Azinphos-Methyl on Apple Foliage and Their Toxicity to *Amblyseius fallacis* (Acari: Phytoseiidae). *Can.Entomol.* 117: 143-152.

EcoReference No.: 92907
Chemical of Concern: AZ,CYP,DM,FNV,PMR; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(FNV),OK(CYP,AZ,PMR).

34. Bostanian, N. J., Vincent, C., Pitre, D., and Simard, L. G. (1989). Chemical Control of Key and Secondary Arthropod Pests of Quebec Apple Orchards. *Appl.Agric.Res.* 4: 179-184.

EcoReference No.: 89749
Chemical of Concern: DM,AZ,FVL,TDC,FNV,HTX,CHX,CYH,BFT,CTZ,CYP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK TARGET(TDC),OK(ALL CHEMS),TARGET(FNV,HTX).

36. Bowman, J. S. (1987). Control of European Corn Borer on Early Sweet Corn, 1986. *Insectic.Acaric.Tests* 12: 113 (No. 122).

EcoReference No.: 88724
Chemical of Concern: EFV,PMR,CPY,MP,FNV,CBL,MOM,TDC; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV,FNV,CPY,PMR,MP,CBL,MOM,TDC).

37. Bowman, J. S. and Barry, D. W. (1988). Control of European Corn Borer on Early Sweet Corn, 1987. *Insectic.Acaric.Tests* 13: 113 (No. 36E).

EcoReference No.: 88842
Chemical of Concern: PMR,MP,CYF,CBF,CYP,FNV,CPY,EFV,MOM,CBL; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ALL CHEMS).

38. Bradbury, S. P. and Coats, J. R. (1982). Toxicity of Fenvalerate to Bobwhite Quail (*Colinus Virginianus*) Including Brain and Liver Residues Associated with Mortality. *J.Toxicol.Environ.Health* 10: 307-319.

EcoReference No.: 35054
Chemical of Concern: FNV; Habitat: T; Rejection Code: LITE EVAL CODED(FNV).

39. Brandenburg, R. L. and Hertl, P. T. (1991). Caterpillar Control on Peanuts, North Carolina, 1990. *Insectic.Acaric.Tests* 16: 203 (96F).
- EcoReference No.: 92338
Chemical of Concern: TDC,EFV,LCYT; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(TDC,EFV).
40. Brewer, M. J. and Trumble, J. T. (1994). Beet Armyworm Resistance to Fenvalerate and Methomyl: Resistance Variation and Insecticide Synergism. *J.Agric.Entomol.* 11: 291-300.
- Chemical of Concern: MOM; Habitat: T; Rejection Code: TARGET(MOM,FNV).
41. Brewer, S. K., DeLonay, A. J., Beauvais, S. L., Little, E. E., and Jones, S. B. (1999). The Use of Automated Monitoring to Assess Behavioral Toxicology in Fish: Linking Behavior and Physiology. In: *D.S.Henshel, M.C.Black, and M.C.Harrass (Eds.), Environ.Toxicol.Risk Assess., Standardization of Biomarkers for Endocrine Disruption and Environmental Assessment., 8th Volume, ASTM STP 1364, West Conshohocken,PA* 370-386.
- EcoReference No.: 85991
Chemical of Concern: FNV,MLN; Habitat: A; Effect Codes: BEH,BCM; Rejection Code: LITE EVAL CODED(MLN,FNV).
42. Brunner, J. F., Beers, E. H., Dunley, J. E., Doerr, M., and Granger, K. (2005). Role of Neonicotinyl Insecticides in Washington Apple Integrated Pest Management. Part I. Control of Lepidopteran Pests. *J.Insect Sci.* 5: 1-10.
- EcoReference No.: 83354
Chemical of Concern: AZ,PSM,ACT,EFV,TAP,TMX,IMC; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO COC(NCTN),TARGET(AZ,EFV).
43. Brunner, J. F., Dunley, J. E., Doerr, M. D., and Beers, E. H. (2001). Effect of Pesticides on *Colpoclypeus florus* (Hymenoptera: Eulophidae) and *Trichogramma platneri* (Hymenoptera: Trichogrammatidae), Parasitoids of Leafrollers in Washington. *J.Econ.Entomol.* 94: 1075-1084.
- EcoReference No.: 63713
Chemical of Concern:
AZ,CYP,DZ,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ,AZD; Habitat: T; Effect Codes: MOR,BEH,REP; Rejection Code: LITE EVAL CODED(MP,AZ,DZ,CYP,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,S S,PPG,DFZ,FYC,TUZ,MFZ,AZD),TARGET(CBL).
44. Bull, D. L. and Pryor, N. W. (1990). Characteristics of Resistance in House Flies Subjected to Long-Term Concurrent Selection with Malathion and Permethrin. *Pestic.Biochem.Physiol.* 37: 101-115.
- EcoReference No.: 88909
Chemical of Concern: PMR,MLN,MP,DMT,PPX,FNV,DDT; Habitat: T; Effect Codes: MOR,ACC,BCM; Rejection Code: TARGET(DMT,MLN,MP,FNV),OK(ALL CHEMS).
45. Buntin, G. D. (1998). Cabbage Seedpod Weevil (*Ceutorhynchus assimilis*, Paykull) Management by Trap Cropping and Its Effect on Parasitism by *Trichomalus perfectus* (Walker) in Oilseed Rape. *Crop Prot.* 17: 299-305.
- EcoReference No.: 92621

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

46. Cabral, J. R. P. and Galendo, D. (1990). Carcinogenicity Study of the Pesticide Fenvalerate in Mice. *Cancer Lett.* 49: 13-18.

EcoReference No.: 93036

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

47. Campanhola, C. and Plapp, F. W. Jr. (1989). Pyrethroid Resistance in the Tobacco Budworm (Lepidoptera: Noctuidae) Insecticide Bioassays and Field Monitoring. *J.Econ.Entomol.* 82: 22-28.

EcoReference No.: 91612

Chemical of Concern: CYP,FNV,PFF,ACP,MP,TDC; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(CYP,FNV,ACP,MP,TDC).

48. Carson, W. G., White, K. K., and Trumble, J. T. (1994). Chemical Trials and Impact on Insects in Celery, 1991. *Arthropod Manag.Tests* 19: 82-83 (33E).

EcoReference No.: 82728

Chemical of Concern: EFV,BFT,MOM; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MOM),OK(BFT),NO COC(DKG),OK TARGET,NO CROP(EFV).

49. Chalfant, R. B. (1997). Control of Lepidopterous Pests, 1991. *Arthropod Manag.Tests* 22: 88 (9E).

EcoReference No.: 83124

Chemical of Concern: CPY,EFV,PMR; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(EFV,PMR,CPY).

50. Chalfant, R. B. (1997). Laboratory Bioassays of Insecticides Against the Cabbage Looper. In: *C.R.Saxena, Arthropod Management Tests, Entomol.Soc.of Am., Lanham, MD* 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).

51. Chatterjee, K. K., Talukder, G., and Sharma, A. (1982). Effects of Synthetic Pyrethroids on Mammalian Chromosomes: I. Somicidin. *Mutat.Res.* 105: 101-106.

EcoReference No.: 93217

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

53. Chugh, Y., Sankaranarayanan, A., and Sharma, P. L. (1991). Effect of Fenvalerate and Endosulfan on Behavioral Despair and Forced Locomotor Activity in Albino Mice. *Asia Pac.J.Pharmacol.* 6: 31-35.

EcoReference No.: 93211

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

54. Clarke, S. R., DeBarr, G. L., and Berisford, C. W. (1988). Differential Susceptibility of *Toumeyella*

pini (King) (Homoptera: Coccidae) to Pyrethroid and Organophosphate Insecticides: A Factor in Outbreaks in Southern Pine Seed Orchards. *J.Econ.Entomol.* 81: 1443-1445.

EcoReference No.: 93001

Chemical of Concern: ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: OK
TARGET(ACP,MLN,AZ,CPY,FNV,PMR,FVL,BFT,EFV).

55. Clarke, S. R., Negrón, J. F., and DeBarr, G. L. (1992). Effects of Four Pyrethroids on Scale Insect (Homoptera) Populations and Their Natural Enemies in Loblolly and Shortleaf Pine Seed Orchards. *J.Econ.Entomol.* 85: 1246-1252.

EcoReference No.: 93142

Chemical of Concern: BFT,EFV,FNV,PRM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(EFV,FNV,BFT).

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

EcoReference No.: 89880

Chemical of Concern:

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

57. Das, A. C. and Mukherjee, D. (1998). Insecticidal Effects on Soil Microorganisms and Their Biochemical Processes Related to Soil Fertility. *World J.Microbiol.Biotechnol.* 14: 903-909.

EcoReference No.: 74544

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

58. Datar, V. V. (1985). Synthetic Pyrethroids in the Control of Mango Hoppers (*Amritodus atkinsoni* Leth.) 1982. *Pesticides (Bombay)* 19: 13-14.

EcoReference No.: 93143

Chemical of Concern: FNV,CYP,CBL,PRM,DCM,PHSL; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(FNV),OK(CYP,CBL,PRM,DCM,PHSL).

60. De Souza Spinosa, H., Silva, Y. M. A., Nicolau, A. A., Bernardi, M. M., and Lucisano, A. (1999). Possible Anxiogenic Effects of Fenvalerate, a Type II Pyrethroid Pesticide, in Rats. *Physiol.Behav.* 67: 611-615.

EcoReference No.: 92490

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

61. DeBarr, G. L. and Matthews, F. R. (1985). Insecticide Applications During the Pollination Period do not Adversely Affect Seed Yields of Loblolly Pine. *South J.Appl.For.* 9: 240-243.

EcoReference No.: 93208

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

62. Deo, P. G., Hasan, S. B., and Majumder, S. K. (1988). Toxicity and Suitability of Some Insecticides

for Household Use. *Int.Pest Control* 30: 118-121,129.

EcoReference No.: 35123

Chemical of Concern:

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

63. Depew, L. J. (1988). Suppression of Sunflower Moth (Lepidoptera: Pyralidae) on Sunflower with Selected Insecticides. *J.Kans.Entomol.Soc.* 61: 235-237 .

EcoReference No.: 91616

Chemical of Concern: MP,CYH,CYF,CBF,CPY,FNV,EFV; Habitat: T; Effect Codes: POP;
Rejection Code: OK TARGET(MP,CYF,CPY,FNV,EFV).

64. Devaud, L. L., Szot, P., and Murray, T. F. (1986). PK 11195 Antagonism of Pyrethroid-Induced Proconvulsant Activity. *Eur.J.Pharmacol.* 120: 269-273.

EcoReference No.: 93144

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

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

EcoReference No.: 88982

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

66. Dhingra, S. and Singh, D. S. (1988). Impact of Formulation on the Level of Resistance in Mustard Aphid, *Lipaphis erysimi* Kalt. to Synthetic Pyrethroids. *J.Entomol.Res.* 12: 56-60.

EcoReference No.: 92561

Chemical of Concern: FNV,CYP,DM,PMR,FPP; Habitat: T; Effect Codes: MOR;
Rejection Code: OK TARGET(FNV,CYP,PMR).

67. Dinter, A. and Poehling, H. M. (1995). Side-Effects of Insecticides on Two Erigonid Spider Species. *Entomol.Exp.Appl.* 74: 151-163.

EcoReference No.: 40103

Chemical of Concern: PIM,FNV,LCYT; Habitat: T; Effect Codes: MOR,BEH,GRO;
Rejection Code: TARGET(FNV).

68. Dinter, A. and Poehling, H. M. (1992). Spider Populations in Winter Wheat Fields and the Side-Effects of Insecticides. *Aspects Appl.Biol.* 31: 77-85.

EcoReference No.: 40142

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

69. Dmowska, E. and Kozłowska, J. (1989). The Effect of Pyrethroids on Mortality and Reproduction Rate of Certain Species of Saprobic Nematodes. *Pol.Ecol.Stud.* 15: 41-46.

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),OK(PYT,DM).

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

EcoReference No.: 82540

Chemical of Concern:

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

71. Doherty, J. D., Morii, N., Hiromori, T., and Ohnishi, J.-I. (1988). Pyrethroids and the Striatal Dopaminergic System In Vivo. *Comp.Biochem.Physiol.C* 91: 371-375.

EcoReference No.: 92947

Chemical of Concern: EN,DDT,FNV,ATN,PMR,CYP; Habitat: T; Effect Codes:

BCM,BEH; Rejection Code: LITE EVAL CODED(FNV),OK(ATN,PMR,CYP).

72. Dunley, J. E., Messing, R. H., and Croft, B. A. (1991). Levels and Genetics of Organophosphate Resistance in Italian and Oregon Biotypes of *Amblyseius andersoni* (Acari: Phytoseiidae). *J.Econ.Entomol.* 84: 750-755.

EcoReference No.: 91024

Chemical of Concern: FNV,ES,CBL,DZ,PHSL,AZ,MLN; Habitat: T; Effect Codes: MOR;

Rejection Code: OK TARGET(CBL,DZ,AZ,MLN,FNV).

73. Dutta, P. K. and Sharma, D. (1997). Effect of *Bacillus thuringiensis* Berliner in Combination with Chemical Insecticides Against *Spodoptera litura* Fabricius on Cabbage. *Crop Res.* 14: 481-486.

EcoReference No.: 92997

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

74. Edelson, J. V., Royer, T. A., and Cartwright, B. (1987). Control of Arthropod Pests on Cantaloupe, 1986. *Insectic.Acaric.Tests* 12: 108-109 (116).

EcoReference No.: 88727

Chemical of Concern:

ETN,Naled,FNV,PRN,ES,OML,PPHD,MTM,MOM,MVP,MLN,DCF,CBL,DZ,AZ,DMT;

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

CODED(FNV),OK(ALL CHEMS),OK TARGET(MOM,CBL),OK TARGET,NO

CROP(MLN,DMT,Naled).

75. Eder, K. J., Kohler, H. R., and Werner, I. (2007). Pesticide and Pathogen: Heat Shock Protein Expression and Acetylcholinesterase Inhibition in Juvenile Chinook Salmon in Response to Multiple Stressors. *Environ.Toxicol.Chem.* 26: 1233-1242.

EcoReference No.: 91827

Chemical of Concern: CPY,EFV; Habitat: A; Effect Codes: MOR,BCM; Rejection Code:

LITE EVAL CODED(CPY,EFV).

76. Eder, K. J., Leutenegger, C. M., Wilson, B. W., and Werner, I. (2004). Molecular and Cellular Biomarker Responses to Pesticide Exposure in Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*). *Mar.Environ.Res.* 58: 809-813.

EcoReference No.: 81815

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

78. El-Demerdash, F. M., Yousef, M. I., Kedwany, F. S., and Baghdadi, H. H. (2004). Role of alpha-Tocopherol and beta-Carotene in Ameliorating the Fenvalerate-Induced Changes in Oxidative Stress, Hemato-Biochemical Parameters, and Semen Quality of Male Rats. *J.Environ.Sci.Health Part B* 39: 443-459.

EcoReference No.: 93128

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

79. El-Guindy, M. A., Issa, Y. H., El-Malla, M. A., and El-Ghar, M. (1985). Insect Growth Regulators as Suppressors to Insecticide Resistance in a Fenvalerate Resistant Strain of *Spodoptera littoralis* Boisd. *Bull.Entomol.Soc.Egypt.Econ.Ser.* 14: 373-384.

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

80. El-Sebae, A. H., Enan, E. E., Daoud, A. S., and Zeid, M. I. (1985). Selective Toxicity of Synthetic Pyrethroids and Some Synergists to Mice and Cotton Leafworm in Relation to Some Biochemical Enzymes Activities. *Meded.Fac.Landbouwk.Rijksuniv.Gent* 50: 939-950.

EcoReference No.: 70687

Chemical of Concern: RSM,ATN,CYP,FNV,DCM; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(RSM,CYP,ATN,DCM,FNV).

81. El-Shahaway, M. I., Chaudhary, J. P., and Sharma, P. D. (1991). Influence of Insecticidal Applications and Spray Intervals on Auxiliary Plant Characters of American Cotton (*Gossypium hirsutum*). *Ann.Biol.* 7: 97-100.

EcoReference No.: 93225

Chemical of Concern: DCM,DFZ,FNV; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(FNV).

82. Fabacher, D. L., Kulkarni, A. P., and Hodgson, E. (1980). Pesticides as Inducers of Hepatic Drug-Metabolizing Enzymes - I. Mixed Function Oxidase Activity. *Gen.Pharmacol.* 11: 429-435.

EcoReference No.: 92612

Chemical of Concern: CHD,CPY,ES,MLN,PMR,24D,PPB,TFN,FNV,TBF; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(CPY,24D,TBF,FNV),OK(MLN,PMR,PPB).

83. Fahmy, H., Kandil, M. A., and Rabei, M. M. (1984). Toxicological Studies on Synthetic Pyrethroids on the Cotton Leafworm *Spodoptera-Littoralis* Boisd. *Bull.Entomol.Soc.Egypt Econ.Ser.* 0: 79-86.

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

84. Ferro, D. N., Yuan, Q.-C., Slocombe, A., and Tuttle, A. F. (1993). Residual Activity of Insecticides Under Field Conditions for Controlling the Colorado Potato Beetle (Coleoptera: Chrysomelidae). *J.Econ.Entomol.* 86: 511-516.

EcoReference No.: 91780

Chemical of Concern: CYT,EFV,OML,ES; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(Maneb),TARGET(EFV).

85. Flodstrom, S., Warngaard, L., Ljungquist, S., and Ahlborg, U. G. (1988). Inhibition of Metabolic Cooperation In Vitro and Enhancement of Enzyme Altered Foci Incidence in Rat Liver by the Pyrethroid Insecticide Fenvalerate. *Arch.Toxicol.* 61: 218-223.

EcoReference No.: 92952

Chemical of Concern: PMR,CYP,FNV,DM; Habitat: T; Effect Codes: GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(FNV),NO INVITRO(CYP,PMR).

86. Foil, L. D., Leprince, D. J., and Byford, R. L. (1990). Sublethal Effects and Mortality of Tabanids (Diptera: Tabanidae) Induced by Fenvalerate Treatment of Cattle. *J.Entomol.Sci.* 25: 294-302.

EcoReference No.: 93085

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

87. Foil, L. D., Leprince, D. J., and Church, G. E. (1989). Changes in the Parity Rate of *Tabanus fuscicostatus* (Diptera: Tabanidae) Populations Associated with Controlling Available Hosts. *J.Med.Entomol.* 26: 306-310.

EcoReference No.: 92537

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

88. Foster, D. E. and Wintersteen, W. K. (1986). Grasshopper Control in Non-Crop Vegetation, 1985. *Insectic.Acaric.Tests* 11: 315 (No. 396).

EcoReference No.: 88665

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

89. Frecus, G. (1986). Comparative Toxicological Study of Two Romanian Synthetic Pyrethroids. *Stud.Univ.Babes-Bolyai.Biol.* 31: 70-75.

EcoReference No.: 91943

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

90. Fuchs, T. W. and Shelton, M. (1985). Effectiveness of New Methods of Biting Lice Control on Angora Goats. *Southwest.Entomol.* 10: 15-19.

EcoReference No.: 89193

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

91. Fujiwara, Y., Takahashi, T., Yoshioka, T., and Nakasuji, F. (2002). Changes in Egg Size of the Diamondback Moth *Plutella xylostella* (Lepidoptera: Yponomeutidae) Treated with Fenvalerate at Sublethal Doses and Viability of the Eggs. *Appl.Entomol.Zool.* 37: 103-109.

EcoReference No.: 82138

Chemical of Concern: FNV; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: TARGET(FNV).

92. Gaffar, S. A. (1994). Management of Phyllody Through Vector Control in Mustard Crop. *J.Insect Sci.* 7: 14-15.

EcoReference No.: 93250
Chemical of Concern: CPY,DMT,ES,FNV,PHSL,OXD; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(CPY,DMT,FNV).

93. Garg, U. K., Pal, A. K., Jha, G. J., and Jadhao, S. B. (2004). Pathophysiological Effects of Chronic Toxicity with Synthetic Pyrethroid, Organophosphate and Chlorinated Pesticides on Bone Health of Broiler Chicks. *Toxicol.Pathol.* 32: 364-369.

EcoReference No.: 93216
Chemical of Concern: FNV,ES; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(FNV).

94. Geeta, K. Y. and Devi, K. R. (1993). Cytogenetic Effects of Fenvalerate in Germ Cells of Mice. *Agric.Biol.Res.* 9: 37-40.

EcoReference No.: 93483
Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(FNV).

95. Geetha, K. Y. and Devi, K. R. (1992). Induction of Micronuclei in Bone Marrow Erythrocytes of Mice by Fenvalerate. *Agric.Biol.Res.* 8: 57-61.

EcoReference No.: 93425
Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(FNV).

96. Geiger, D. L., Brooke, L. T., and Call, D. J. (1990). Acute Toxicities of Organic Chemicals to Fathead Minnows (*Pimephales promelas*). *Ctr.for Lake Superior Environ.Stud., Univ.of Wisconsin-Superior, Superior, WI* 5: 332 p.

EcoReference No.: 3217
Chemical of Concern:
CBF,ADC,RTN,NaN3,RSM,PCP,AMSV,ACL,ASCN,C8OH,AN,AZ,BNZ,TBTO,CTC,CF,MCRE,DEM,DPA,ETHB,FNV,FYT,FML,ISO,LIM,OML,PL,TBO,TOL,ACD,EAC,TEAM,DPDP,AL,Cd,Co,Fe,Pb,Mn,Ni,Zn,Cr; Habitat: A; Effect Codes: MOR,BEH,PHY,GRO; Rejection Code: LITE EVAL CODED(FNV,AZ,C8OH,ASCN,CBF,ADC,RTN,NaN3,RSM,PCP,AMSV,ACL),OK(ALL CHEMS).

97. Ghidui, G. M. (1988). Worm Control in Fall Snap Beans, 1987. *Insectic.Acaric.Tests* 13: 87 (1E).

EcoReference No.: 88838
Chemical of Concern: EFV,FNV,PMR,CYF,CPY,MOM,CBL,ACP,TDC; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MOM,TDC),EFFICACY(EFV,FNV,PMR,CYF,CPY,ACP),TARGET(CBL).

98. Ghorpade, S. A., Patil, N. M., Thakur, S. G., and Shinde, Y. M. (1994). Control of Aphids and Helicoverpa armigera on Safflower. *J.Maharashtra Agric.Univ.* 19: 206-208.

EcoReference No.: 91611
Chemical of Concern: PHSL,ES,MP,FNV,DMT,CPY,DCM,CYP,MLN; Habitat: T; Effect Codes: POP,REP; Rejection Code: EFFICACY(CPY,MLN,CYP,FNV,MP,DMT).

99. Ghosh, A. K., Sharma, A., and Talukder, G. (1992). Cytotoxic Effects of Sumicidin, a Type II Synthetic Pyrethroid, on Mice In Vivo at 6, 12 and 24 h After Exposure. *Cytobios* 71: 85-91.

EcoReference No.: 93132
Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(FNV).

100. Ghosh, T. K. (1990). Biochemical Changes Induced by the Insecticide Fenvalerate in the Male Gonads of Albino Rat. *Environ.Ecol.Kalyani* 8: 63-67.

EcoReference No.: 92573
Chemical of Concern: FNV; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(FNV).

101. Ghosh, T. K. (1990). Synthetic Pyrethroid Intoxication on Tissue Acetylcholine and Acetylcholinesterase in the Fish *Tilapia mossambica*. *Environ.Ecol.* 8: 950-954.

EcoReference No.: 92954
Chemical of Concern: FNV; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(FNV).

102. Gilbert, M. E., Mack, C. M., and Crofton, K. M. (1989). Pyrethroids and Enhanced Inhibition in the Hippocampus of the Rat. *Brain Res.* 477: 314-321.

EcoReference No.: 93039
Chemical of Concern: DM,FNV,BRSM; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(FNV),OK(BRSM).

103. Giller, P. S., Ryan, B., Kennedy, T., and Connery, J. (1995). Aphid-Parasitoid Interactions in a Winter Cereal Crop: Field Trials Involving Insecticide Application. *J.Appl.Entomol.* 119: 233-239.

EcoReference No.: 93220
Chemical of Concern: DMT,FNV; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,DMT).

104. Giri, S., Sharma, G. D., Giri, A., and Prasad, S. B. (2002). Fenvalerate-Induced Chromosome Aberrations and Sister Chromatid Exchanges in the Bone Marrow Cells of Mice In Vivo. *Mutat.Res.* 520: 125-132.

EcoReference No.: 92489
Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(FNV).

105. Goel, S. C. and Kumar, S. (1991). Efficacy of Synthetic Pyrethroids and Quinalphos Against Bihar Hairy Caterpillar, *Spilosoma obliqua* (Walker) and Sesamum Sphinx, *Acherontia styx* (Westwood) Infesting Sesamum (*Sesamum indicum* L.). *J.Entomol.Res.* 15: 15-19.

EcoReference No.: 92539
Chemical of Concern: CYP,DM,FPP,FNV,FVL; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(CYP,FNV,FVL).

106. Gonzalez, A. L. and Wyman, J. A. (1991). Effect of Varying Potato Leafhopper (Homoptera: Cicadellidae) Population Densities on Snap Bean Yield. *J.Econ.Entomol.* 84: 644-649.

EcoReference No.: 90471
Chemical of Concern: FNV; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CTN),OK TARGET,NO CROP(FNV).

107. Graustein, M. R. (1987). Colorado Potato Beetle Insecticide Trial, 1985. *Insectic.Acaric.Tests* 12: 132-133 (No. 155).
- EcoReference No.: 88769
Chemical of Concern: ADC,CYP,PMR,FNV; Habitat: T; Effect Codes: POP,GRO;
Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(FNV).
108. Hagiwara, A., Yamada, M., Hasegawa, R., Fukushima, S., and Ito, N. (1990). Lack of Enhancing Effects of Fenvalerate and Esfenvalerate on Induction of Preneoplastic Glutathione S-Transferase Placental Form Positive Liver Cell Foci in Rats. *Cancer Lett.* 54: 67-73.
- EcoReference No.: 81326
Chemical of Concern: EFV,FNV; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL CODED(EFV,FNV).
109. Hall, F. R. and Zajac, M. A. (1988). Apple, Insecticide Test, 1986. *Insectic.Acaric.Tests* 13: 4-5 (5A).
- EcoReference No.: 88832
Chemical of Concern: PSM,Captan,DOD,PMR,EFV,FO,CBL,TDC; Habitat: T; Effect Codes: POP; Rejection Code: OK(PSM,DOD,FO),OK TARGET(PMR,EFV,CBL,TDC),NO MIXTURE(Captan).
110. Hall, R. D., Doisy, K. E., and Fischer, F. J. (1985). Ear Tags Containing Fenvalerate and Different Plasticizers for Control of Face Flies and Horn Flies on Pastured Cattle. *Trans.Mo.Acad.Sci.* 19: 65-72.
- EcoReference No.: 93086
Chemical of Concern: FNV,FYT; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV).
111. Hammond, R. B. and Ressler, E. (1987). Foliar-Applied Insecticide Trials on Soybean, 1986. *Insectic.Acaric.Tests* 12: 274 (No. 325).
- EcoReference No.: 88704
Chemical of Concern: EFV,FNV,CYH,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(CYH),OK TARGET(CBL),OK TARGET,NO CROP(EFV,FNV).
112. 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; Habitat: A; Effect Codes: ACC,GRO,MOR; Rejection Code: LITE EVAL CODED(FNV),OK(PMR,PYT).
113. Hanula, J. L., DeBarr, G. L., Weatherby, J. C., Barber, L. R., and Berisford, C. W. (2002). Degree-Day Model for Timing Insecticide Applications to Control *Dioryctria amatella* (Lepidoptera: Pyralidae) in Loblolly Pine Seed Orchards. *Can.Entomol.* 134: 255-268.
- EcoReference No.: 93053
Chemical of Concern: FNV; Habitat: T; Effect Codes: REP,POP; Rejection Code: EFFICACY(FNV).
114. Hara, A. H. and Kaya, H. K. (1982). Effects of Selected Insecticides and Nematicides on the In Vitro Development of the Entomogenous Nematode *Neoplectana carpocapsae*.

J.Nematol. 14: 486-491.

EcoReference No.: 93148

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

115. Haratym-Maj, A. (2002). Hematological Alternations After Pyrethroids Poisoning in Mice. *Ann.Agric.Enviro.Med.* 9: 199-206.

EcoReference No.: 76631

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

116. Hard, J., Shea, P., and Holsten, E. (1988). Field Trials of Fenvalerate and Acephate to Control Spruce Bud Midge, *Dasyneura swainei* (Diptera:Cecidomyiidae). *J.Entomol.Soc.B C* 85: 40-44.

EcoReference No.: 93066

Chemical of Concern: ACP,FNV; Habitat: T; Rejection Code: OK(ALL CHEMS), OK TARGET(FNV).

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

EcoReference No.: 75455

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

118. Hastings, F. L., Hain, F. P., Mangini, A., and Huxster, W. T. (1986). Control of the Balsam Woolly Adelgid (Homoptera: Adelgidae) in Fraser Fir Christmas Tree Plantations. *J.Econ.Entomol.* 79: 1676-1680.

EcoReference No.: 93000

Chemical of Concern: DZ,MXC,FNV,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,PMR),NO MIXTURE(TARGET-DZ).

119. Haya, K. (1989). Toxicity of Pyrethroid Insecticides to Fish. *Environ.Toxicol.Chem.* 8: 381-391.

EcoReference No.: 62106

Chemical of Concern: DM,CYP,FPP,FYT,FNV,PMR; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(FNV),NO REVIEW(DM,CYP,FPP,FYT,PMR).

120. Haydock, P. P. J. and Pooley, R. J. (1997). Evaluation of Insecticides for Control of Flax Flea Beetle in Linseed. *Tests Agrochem.Cultiv.* 0: 4-5.

EcoReference No.: 93146

Chemical of Concern: FNV,DM; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(FNV).

121. Hein, G. L., Ingemansen, J. A., and Walgenbach, D. D. (1988). First-Generation European Corn Borer Control via Ground, Chemigation, and Aerial Applications, 1986. *Insectic.Acaric.Tests* 13: 211-212 (No. 49F).

EcoReference No.: 88852

Chemical of Concern: PMR,CEX,TBO,FNF,TFT,CBF,PRT,TLM,CPY,CBL,TDC,FNV;
Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK
TARGET(PMR,PRT,CBL,TDC),TARGET(CPY),TARGET(FNV).

122. Heller, P. R. and Kellogg, S. (1988). Pine Needle Scale Control on Scotch Pine in Centre County, Pennsylvania, 1987. *Insectic.Acaric.Tests* 13: 382 (No. 22H).

EcoReference No.: 88821

Chemical of Concern: CPY,FVL,ACP,CYF,CBL,DZ,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: OK(CPY),OK TARGET(ALL CHEMS),TARGET(EFV).

123. Hellman, J. L. and Patton, T. W. (1988). Corn Earworm and Green Cloverworm Control in Soybeans, 1986. *Insectic.Acaric.Tests* 13: 283-284 (No. 142F).

EcoReference No.: 88856

Chemical of Concern: PMR,BFT,TDC,CYF,EFV,FNV,CPY,ACP,MOM,CBL,MP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ALL CHEMS).

124. Hellman, J. L. and Patton, T. W. (1988). Corn Earworm Control in Soybeans, 1987. *Insectic.Acaric.Tests* 13: 286 (No. 146F).

EcoReference No.: 88858

Chemical of Concern: CYF,TDC,MOM,EFV,PMR,CPY,CBL,ACP,MP; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY),OK TARGET(ALL CHEMS).

125. Hellman, J. L. and Patton, T. W. (1988). Corn Earworm Control on Soybean, 1986. *Insectic.Acaric.Tests* 13: 284 (No. 143F).

EcoReference No.: 88857

Chemical of Concern: PMR,CYF,TDC,MOM,FNV,BFT,CBL,EFV,ACP,CPY,MP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ALL CHEMS).

126. Hellman, J. L., Patton, T. W., Salvaggio, R., Vinis, L., and Grove, J. (1988). Armyworm Control in Corn, 1985. *Insectic.Acaric.Tests* 13: 213-214 (No. 51F).

EcoReference No.: 88853

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

127. Hellman, J. L., Patton, T. W., Salvaggio, R. S., Vinis, L., and Grove, J. (1988). Control of Gray Garden Slugs in No-Tillage, 1985. *Insectic.Acaric.Tests* 13: 214 (No. 52F).

EcoReference No.: 88904

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

128. Hemming, H., Flodstrom, S., and Warngard, L. (1993). Enhancement of Altered Hepatic Foci in Rat Liver and Inhibition of Intercellular Communication In Vitro by the Pyrethroid Insecticides Fenvalerate, Flucythrinate and Cypermethrin. *Carcinogenesis* 14: 2531-2535.

EcoReference No.: 92948

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

129. Henneberry, T. J. and Clayton, T. E. (1982). Pink Bollworm of Cotton (Pectinophora

gossypiella (Saunders)): Male Moth Catches in Gossypure-Baited Traps and Relationships to Oviposition, Boll Infestation and Moth Emergence. *Crop Prot.* 1: 497-504.

EcoReference No.: 92968

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

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

EcoReference No.: 89468

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

131. Herbert, D. A. Jr. (1991). Corn Earworm Control in 'NC 7' Peanut in Virginia, 1990. *Insectic.Acaric.Tests* 16: 209-210 (105F).

EcoReference No.: 90640

Chemical of Concern: TDC,EFV,LCYT,PMR,ACP,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(EFV).

132. Herbert, D. A. Jr. (1998). Selected Insecticides for Control of Corn Earworm and Green Cloverworm in Soybean in Virginia, 1997. *Arthropod Manag.Tests* 23: 281-282 (No. 134F).

EcoReference No.: 89664

Chemical of Concern: TDC,CYH,TLM,EFV; Habitat: T; Effect Codes: POP; Rejection Code: OK(CYH,TLM),TARGET(TDC,EFV).

133. Hirano, M., Takeda, H., and Satoh, H. (1993). A Simple Method for Monitoring Pyrethroid Susceptibility in Field Colonies of *Earias insulana* and *Pectinophora gossypiella*. *J.Pestic.Sci.* 18: 239-243.

EcoReference No.: 88934

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

134. Hodge, V. A., Fan, G. T., Solomon, K. R., Kaushik, N. K., Leppard, G. G., and Burnison, B. K. (1993). Effects of the Presence and Absence of Various Fractions of Dissolved Organic Matter on the Toxicity of Fenvalerate to *Daphnia magna*. *Environ.Toxicol.Chem.* 12: 167-176.

EcoReference No.: 92943

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

135. Hogmire, H. W., Winfield, T., Collins, K., Conn, B., and Field, M. (1996). Insecticide Evaluation, 1995. *Arthropod Manag.Tests* 21: 51-52 (2B).

EcoReference No.: 91080

Chemical of Concern: PSM,ES,EFV,MP,MOM; Habitat: T; Effect Codes: POP; Rejection Code: OK(MOM),TARGET(EFV).

136. Hough-Goldstein, J. and Keil, C. B. (1991). Prospects for Integrated Control of the Colorado Potato Beetle (Coleoptera: Chrysomelidae) Using *Perillus bioculatus* (Hemiptera: Pentatomidae) and Various Pesticides. *J.Econ.Entomol.* 84: 1645-1651.

EcoReference No.: 89912
Chemical of Concern: RTN,MLX,Maneb,CTN,CYT,ES,OML,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Maneb,CTN),OK(ALL CHEMS),TARGET(EFV).

137. Hower, A. A. and Rebarchak, P. (1999). Potato Leafhopper Control, 1998. *Arthropod Manag.Tests* 24: 194-195 (F3).

EcoReference No.: 88079
Chemical of Concern: CYF,MOM,DMT,LCYT,PMR,EFV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),OK TARGET,NO CROP(DMT,EFV),OK(CYF,PMR).

138. Howitt, A. and Biddinger, D. J. (1988). Blueberry, Cranberry Fruitworm Insecticide Test, 1987. *Insectic.Acaric.Tests* 13: 63 (No. 2C).

EcoReference No.: 88833
Chemical of Concern: CPY,CBL,EFV,FPP,FVL,ACP,PSM; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY,FPP,PSM),OK TARGET(CBL,EFV,FVL,ACP),TARGET(CPY).

139. Hsu, J. C., Feng, H. T., and Wu, W. J. (2004). Resistance and Synergistic Effects of Insecticides in *Bactrocera dorsalis* (Diptera: Tephritidae) in Taiwan. *J.Econ.Entomol.* 97: 1682-1688.

EcoReference No.: 88087
Chemical of Concern: Naled,TCF,FNT,FNTH,MLN,MOM,CYF,CYP,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(ALL CHEMS),TARGET(Naled,FNV).

140. Husain, R., Gupta, A., Khanna, V. K., and Seth, P. K. (1991). Neurotoxicological Effects of a Pyrethroid Formulation, Fenvalerate in Rats. *Res.Commun.Chem.Pathol.Pharmacol.* 73: 111-114.

EcoReference No.: 93218
Chemical of Concern: FNV; Habitat: T; Effect Codes: BEH,BCM,GRO,MOR; Rejection Code: LITE EVAL CODED(FNV).

141. Husain, R., Malaviya, M., Seth, P. K., and Husain, R. (1992). Differential Responses of Regional Brain Polyamines Following In Utero Exposure to Synthetic Pyrethroid Insecticides: A Preliminary Report. *Bull.EnvIRON.Contam.Toxicol.* 49: 402-409.

EcoReference No.: 92950
Chemical of Concern: DM,FNV,CYP; Habitat: T; Effect Codes: BCM,GRO,REP,BEH; Rejection Code: LITE EVAL CODED(FNV,CYP,DM).

142. Huusela-Veistola, E., Kurppa, S., and Pihlava, J.-M. (1994). Effects of Fenvalerate and Permethrin on Soil Arthropods and on Residues in and Decomposition of Barley Straw. *Agric.Sci.Finl.* 3: 213-223.

EcoReference No.: 93006
Chemical of Concern: PMR,FNV; Habitat: T; Effect Codes: ACC,POP; Rejection Code: OK TARGET(PMR,FNV).

143. Islam, M. N., Nessa, Z., and Karim, M. A. (1991). Management of the Potato Cutworm, *Agrotis ipsilon* (HFN.) (Lepidoptera: Noctuidae) with Insecticides Other Than Organochlorinated Hydrocarbon Insecticides. *Bangladesh J.Zool.* 19: 173-177.

EcoReference No.: 93059

Chemical of Concern: FPP,EP,IZF,CYF,FNV,CPY,DZ; Habitat: T; Effect Codes: POP; Rejection Code: CROP(EFFICACY-FNV),EFFICACY(CYF,CPY,DZ).

144. Issa, Y. H. , Keddiss, M. E., Abdel-Sattar, M. A., Ayad, F. A., and El-Guindy, M. A. (1984). Survey of Resistance to Pyrethroids in Field Strains of the Cotton Leafworm *Spodoptera-Littoralis* Boisd. During 1980-1984 Cotton Growing Seasons. *Bull.Entomol.Soc.Egypt Econ.Ser.* 0: 405-412.

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

145. Ito, S., Tateno, C., Tanaka, M., and Yoshitake, A. (1993). Effects of Fenvalerate and Esfenvalerate on Hepatic Gap Junctional Intercellular Communication in Rats. *Cell Biol.Toxicol.* 9: 189-196.

EcoReference No.: 81327

Chemical of Concern: EFV,DDT,FNV; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(EFV,FNV),OK(DDT).

146. Itoh, T., Shinjo, G., and Kurihara, T. (1986). Studies on Wide Mesh Netting Impregnated with Insecticides Against Culex Mosquitoes. *J.Am.Mosq.Control Assoc.* 2: 503-506.

EcoReference No.: 91567

Chemical of Concern: FPP,FNT,SMT,FNV,PMR,PLL,CHT; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(SMT,FNV,PMR).

147. Jaglan, R. S., Sircar, P., and Dhingra, S. (1996). Persistence and Residual Toxicity of Synthetic Pyrethroid Emulsion Formulations to *Spodoptera litura* (Fab.) on Cabbage and Castor. *J.Entomol.Res.(New Delhi)* 20: 163-169.

EcoReference No.: 81987

Chemical of Concern: FPP,CYP,DCM,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(MCPP1),TARGET(FNV).

148. Jalali, S. K. and Singh, S. P. (1995). Effect of Pesticide on Mortality and Parasitizing Ability of Parasitoid *Aphytis* Species of San Jose Scale (*Quadraspidiotus perniciosus*). *Indian J.Agric.Sci.* 65: 617-620.

EcoReference No.: 90447

Chemical of Concern: MZB,DMT,PPHD,FNV,CBD,CAP,Captan; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CAP,Captan,MZB,DMT),OK(PPHD,CBD),TARGET(FNV).

149. Jalgan, R. S. and Sircar, P. (2003). Effect of Post-treatment Temperature on the Toxicity of Fenvalerate Emulsion Formulation Against Larvae of *Spodoptera litura* (Fab.). *Ann.Biol.* 19: 85-89.

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

150. Jangra, S. S. and Jaglan, R. S. (1995). Efficacy of Synthetic Pyrethroids Alone and in Combination with Copperoxychloride for the Control of Bollworm Pests of Cotton. *Ann.Biol.* 11: 232-235.

EcoReference No.: 92953

Chemical of Concern: DCM,CuOS,FNV,CYP; Habitat: T; Effect Codes: POP; Rejection

Code: OK TARGET(FNV,CYP),OK(CuOS),NO COC(EFV).

151. Jangra, S. S. and Jaglan, R. S. (1995). Efficacy of Synthetic Pyrethroids Alone and in Combination with Dimethoate for the Control of Bollworm Pests of Cotton. *Ann.Biol.* 11: 229-231.
- EcoReference No.: 92505
Chemical of Concern: CYP,FNV,DCM,DMT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(FNV,DMT),OK(CYP).
152. Jayanthi, P. D. K., Padmavathamma, K., and Rao, P. K. (1994). Microbial and Some Chemical Insecticides Against Tobacco Caterpillar *Spodoptera litura* (Fabr.) on Groundnut. *Biol.Control Ins.Pests* 5: 151-154.
- EcoReference No.: 93082
Chemical of Concern: FNV; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV).
153. Jayarathnam, K., Nehru, C. R., and Jose, V. T. (1991). Field Evaluation of Some Newer Insecticides Against Bark Feeding Caterpillar *Aetherastis circulata* Infesting Rubber. *Indian J.Nat.Rubber Res.* 4: 131-133.
- EcoReference No.: 91431
Chemical of Concern: CBL,FNV,MP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,FNV,MP).
154. Jhala, R. C., Patel, Z. P., Patel, K. G., Patel, M. B., and Patel, C. B. (1993). Chemical Control of Bud Boring Insects, *Anarsia achrasella* Bradley and *Nephopteryx eugraphella* Ragonot on Sapota. *Int.Pest Control* 35: 75-77.
- EcoReference No.: 93223
Chemical of Concern: MLN,FNTH,ES,CBL,PHSL,PMR,FNV; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(MLN,CBL,PMR,FNV).
156. Johnson, D. R. and Studebaker, G. (1993). Control of Boll Weevils in Cotton, 1991. *Insectic.Acaric.Tests* 18: 228-229 (53F).
- EcoReference No.: 90790
Chemical of Concern: MLN,CYF,EFV,LCYT,MP,AZ,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MLN,MP,EFV),OK TARGET(CYF,AZ).
157. Johnson, D. R. and Studebaker, G. (1993). Early to Mid-Season Control of Bollworm and Budworm in Cotton Using BT Insecticides, 1990. *Insectic.Acaric.Tests* 18: 234-235 (61F).
- EcoReference No.: 92324
Chemical of Concern: EFV,TDC,LCYT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(EFV),OK(TDC).
158. Johnson, D. W. and Townsend, L. H. (1987). Fall Army Worm Control in Field Corn, 1985. *Insectic.Acaric.Tests* 12: 201 (No. 239).
- EcoReference No.: 88710
Chemical of Concern: TCF,MOM,CPY,PMR,FNV,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(TCF,CPY),OK TARGET(MOM,PMR,CBL,FNV),TARGET(CPY).
159. Johnson, G. and Kammerzell, K. (1991). Russian Wheat Aphid Control in Winter Wheat,

1990. *Insectic.Acaric.Tests* 16: 240-241 (145F).

EcoReference No.: 91914

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

160. Johnson, J. W. and Wise, J. C. (1996). Apple, Treatment Combinations for Season-Long Broad-Spectrum Insect Control, 1995. *Arthropod Manag.Tests* 21: 36-38 (27A).

EcoReference No.: 92050

Chemical of Concern: AZ,EFV,PSM,ES,CBL,Captan,MZB,STRP,Maneb; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK TARGET(AZ,EFV,PSM,CBL),NO EFFECT(MZB,Maneb,Captan),NO COC(TFR).

161. Kaiyun, Wang, Liyi, Mu, Feng, Liu, Meiqin, Yi, and Wei, Mu (1997). Selection of Resistance of Cotton Bollworm to Fenvalerate and Other Insecticides and Its Biochemical Mechanism. *Acta Entomol.Sin.* 40: 23-31.

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

162. Kale, M., Rathore, N., John, S., and Bhatnagar, D. (1999). Lipid Peroxidative Damage on Pyrethroid Exposure and Alterations in Antioxidant Status in Rat Erythrocytes: A Possible Involvement of Reactive Oxygen Species. *Toxicol.Lett.* 105: 197-205.

EcoReference No.: 76660

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

163. Kale, M., Rathore, N., John, S., Bhatnagar, D., Nayyar, S. S., and Kothari, V. (1999). The Protective Effect of Vitamin E in Pyrethroid-Induced Oxidative Stress in Rat Tissues. *J.Nutr.EnvIRON.Med.* 9: 281-287.

EcoReference No.: 77056

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

164. Kambrekar, D. N., Awaknavar, J. S., and Kulkarni, K. A. (2003). Insecticidal Toxicity Against Spiralling Whitefly, *Aleurodicus dispersus* Russell on *Acalypha*. *J.Entomol.Res.(New Delhi)* 27: 77-80.

EcoReference No.: 82070

Chemical of Concern: IMC,MOM,DCM,CYP,FNV,LCYT,DMT,ACP,DDVP; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(ACP,MOM,FNV, DMT).

165. Karner, M., Ewing, S., Kelley, M., and Goodson, J. (1992). Cotton Aphid Control, 1991. *Insectic.Acaric.Tests* 17: 229-230 (68F).

EcoReference No.: 82244

Chemical of Concern:

DMT,CYF,TDC,MOM,EFV,MTM,CYP,CPY,BFT,DCTP,CYH,ACP,ES; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(DKG),OK TARGET(ACP,MTM,DMT,CPY,CYP,EFV,CYF,TDC,MOM,BFT).

166. Karner, M. A. (1987). Alfalfa Insect Control in Oklahoma, 1986. *Insectic.Acaric.Tests* 12: 170 (No. 199).

EcoReference No.: 88717

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

167. Keddis, M. E., Abdel-Sattar, M. M., Issa, Y. H., and El-Guindy, M. A. (1984). The Toxicity of Certain Insecticide Mixtures to *Pectinophora gossypiella* Saund. *Bull.Entomol.Soc.Egypt Econ.Ser.* 0: 251-256.

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

168. Khandwe, N., Gujrati, J. P., and Singh, O. P. (1992). Ovicidal Action of Some Insecticides Against the Eggs of Grey Semilooper, *Rivula* sp. on Soybean. *J.Insect Sci.* 5: 231-232.

EcoReference No.: 89146

Chemical of Concern: DFZ,MLN,FVL,MP,FNV,PHSL,CYP,ES,DCM; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(MLN,FVL,MP),TARGET(FNV).

169. Khurana, R., Mahipal, S. K., and Chauhan, R. S. (1999). Effect of Pesticides on Delayed Type Hypersensitivity Reaction in Sheep. *Indian J.Anim.Sci.* 69: 880-881.

EcoReference No.: 92827

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

170. Kishore, P. (1988). Efficacy of Fenvalerate Dust and Its Comparison with Recommended Endosulfan Dust Against Stem Borer on Sorghum. *Pesticides (Bombay)* 22: 38-41.

EcoReference No.: 92821

Chemical of Concern: FNV,MLN,ES; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(FNV),OK(MLN).

171. Krishnaiah, N. V. and Kalode, M. B. (1988). Comparative Toxicity of Synthetic Pyrethroid, Organophosphate and Carbamate Insecticides Against *Nephotettix virescens* (Distant) and *Nilaparvata lugens* (Stal) in Rice. *Crop Prot.* 7: 66-71.

EcoReference No.: 92963

Chemical of Concern: ETN,MOM,FNV,CYP,DM,CPY; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK TARGET(FNV,MOM,ETN,CPY,CYP,DM).

172. Krishnaiah, N. V., Sain, M., and Pasalu, I. C. (1988). Efficacy of Synthetic Pyrethroids Against Rice Hispa (*Dicladispa armigera*) in Field. *Indian J.Agric.Sci.* 58: 781-783.

EcoReference No.: 92883

Chemical of Concern: FNV,CYP,DM,FVL,PHSL,BPZ; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK TARGET(FNV,FVL,CYP).

173. Kudsk, P., Thonke, K. E., and Streibig, J. C. (1989). The Phytotoxicity of Difenzoquat to Wild Oat as Influenced by Other Pesticides. In: Chow, P.N.P.(Ed.), *Adjuvants and Agrochemicals, Vol.I, Mode of Action and Physiological Activity, First Int.Symposium, Brandon, Manitoba, Canada, August 5-7, 1986.* CRC Press, Inc., Boca Raton: 175-182.

EcoReference No.: 93167

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

174. Kumar, A. and Kumar, J. (1994). Variability in Tolerance to Some Insecticides in *Apis mellifera* L. and *Apis cerana indica* F. Colonies. *Entomon* 19: 67-72.
- EcoReference No.: 91623
Chemical of Concern: ES,FNV,MP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MP,FNV).
175. Kumar, R., Mahla, J. C., and Kumar, V. (1994). Effect of Gunnybag Treatment with Insecticides and Plant Extracts Against Insect-Pests of Stored Rice. *Ann.Biol.* 10: 51-54.
- EcoReference No.: 93071
Chemical of Concern: DDVP,CYP,FNV,MLN,FNT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(FNV).
176. Kumar, S. and Goel, S. C. (1995). Efficacy of Synthetic Pyrethroids Against *Antigastra catalaunalis* (Dup.) on Sesamum. *Indian J.Plant Prot.* 23: 117-121 .
- EcoReference No.: 92889
Chemical of Concern: CYP,DM,FNV,FVL,FPP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(CYP,FNV,FVL).
177. Kumar, S. and Goel, S. C. (1995). Efficacy of Synthetic Pyrethroids and Quinalphos Against *Antigastra catalaunalis* (Dup.) Infesting Sesamum. *J.Entomol.Res.* 19: 39-42.
- EcoReference No.: 92564
Chemical of Concern: DM,CYP,FNV,FPP,FVL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CYP,FNV,FVL).
178. Kumar, S. and Goel, S. C. (1995). Evaluation of Synthetic Pyrethroids for the Management of *Antigastra catalaunalis* (Dup.) on Sesamum. *Indian J.Plant Prot.* 23: 18-22.
- EcoReference No.: 92542
Chemical of Concern: CYP,FNV,FVL,DM,FPP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(CYP,FVL,FNV).
179. Kumar, S. and Goel, S. C. (1996). Per Cent Avoidable Loss and Economics of Insecticides in Controlling *Antigastra catalaunalis* (Dup.) on Sesamum. In: *Goel, S.C.(Ed.).Insect and Environment, VI: Integrated Pest Management and Sustainable agriculture: An Entomological Approach.Symposium, September 22-24, 1995.The Uttar Pradesh Zoological Society.Muzaffarnagar, India* 169-173.
- EcoReference No.: 93103
Chemical of Concern: CYP,DM,FPP,FNV; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CYP,FNV).
180. Kumar, T. P., Banerjee, S. K., Devasahayam, S., and Koya, K. M. A. (1986). Effect of Different Insecticides in the Control of 'Pollu' Beetle *Longitarsus nigripennis* Mots. A Major Pest of Black Pepper *Piper nigrum* L. *Entomon* 11: 219-222.
- EcoReference No.: 91474
Chemical of Concern: ES,MP,FNV,CBL,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MP,CBL,CPY,FNV).
181. Kunimatsu, T., Yamada, T., Ose, K., Sunami, O., Kamita, Y., Okuno, Y., Seki, T., and Nakatsuka, I. (2002). Lack of (Anti-) Androgenic or Estrogenic Effects of Three Pyrethroids (Esfenvalerate, Fenvalerate, and Permethrin) in the Hershberger and Uterotrophic Assays.

Regul.Toxicol.Pharmacol. 35: 227-237.

EcoReference No.: 68067

Chemical of Concern: PYT,MXC,EFV,FNV,PMR; Habitat: T; Effect Codes: GRO,REP,BEH; Rejection Code: LITE EVAL CODED(EFV,FNV),OK(PMR,PYT,MXC) .

182. Lagnaoui, A. and Radcliffe, E. B. (1988). Foliar Insecticides for Colorado Potato Beetle Control on Potato, 1987 . *Insectic.Acaric.Tests* 13: 145-150 (No.77E).

EcoReference No.: 88844

Chemical of Concern: PMR,EFV,CBF,AZ,CYT,PPHD,FNV,TLM,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(PMR,EFV,CBF,AZ,CBL).

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EcoReference No.: 88109

Chemical of Concern: CYF,CBF,LCYT,CPY,EFV,PPB; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CPY,EFV),OK(PPB,CYF,CBF,LCYT).

184. Layton, B., Howell, M., and Head, B. (1993). Control of Bollworm/Budworm Complex in Mississippi Cotton, Trial I, 1992. *Insectic.Acaric.Tests* 18: 237 (65F).

EcoReference No.: 92334

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

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EcoReference No.: 92328

Chemical of Concern: TDC,CYP,BFT,EFV,LCYT,ACP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(TDC,CYP,BFT,EFV,ACP).

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EcoReference No.: 82537

Chemical of Concern: MFZ,CBL,FNV,EFV,CPY,MP,AZ; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: LITE EVAL CODED(MFZ),NO ENDPOINT(FNV),PUBL AS(EFV,MP,CPY),MIXTURE(AZ,TARGET-CBL),TARGET,NO CROP(EFV).

187. Lee, D.-K., Shin, E.-H., and Shim, J.-C. (1997). Insecticide Susceptibility of *Culex pipiens pallens* (Culicidae, Diptera) Larvae in Seoul. *Korean J.Entomol.* 27: 9-13.

EcoReference No.: 61915

Chemical of Concern: EFX,TMT,CYP,DM,FVL,PIRM,FNT,SBA,PFF,FNV,CYH,CPY,PTM,DDVP,BFT,CBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV,CYP,FVL,TMT,CPY),OK(EFX,BFT).

188. Lee, R. and Oshima, Y. (1998). Effects of Selected Pesticides, Metals and Organometallics on Development of Blue Crab (*Callinectes sapidus*) Embryos. *Mar.EnvIRON.Res.* 46: 479-482.

EcoReference No.: 67659
Chemical of Concern: DFZ,FNV,CPY,CYP,MTPN,ES,TBT,CuCl,Hg,Cd; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(FNV,CPY,MTPN,CYP,CuCl),OK(ALL CHEMS),NO COC(TBT).

189. Lee, R. F., Steinert, S. A., Nakayama, K., and Oshima, Y. (1999). Use of DNA Strand Damage (Comet Assay) and Embryo Hatching Effects to Assess Contaminant Exposure in Blue Crab (*Callinectes sapidus*) Embryos. In: *D.S.Henshel, M.C.Black, and M.C.Harrass (Eds.), Environmental Toxicology and Risk Assessment: Standardization of Biomarkers for Endocrine Disruption and Environmental Assessment, 8th Volume, ASTM STP 1364, West Conshohocken, PA 341-349.*

EcoReference No.: 67696
Chemical of Concern: ES,Cu,Hg,CPY,TBT,FNV,MTPN,PRN; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CPY,FNV,MTPN).

190. Leonard, B. R. and Graves, J. B. (1991). Control of Tobacco Budworm and Bollworm in Late August with Post Optimal Application Timing, 1990. *Insectic.Acaric.Tests* 16: 188-189 (79F).

EcoReference No.: 90637
Chemical of Concern: TDC,SPS,LCYT,CYF,EFV,CYP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CYF,EFV,CYP,TDC).

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EcoReference No.: 92339
Chemical of Concern: LCYT,TDC,MOM,EFV,CYF,AZ; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(TDC,EFV,CYF,AZ),OK(MOM).

192. Leonard, B. R., Sparks, T. C., and Graves, J. B. (1988). Insecticide Cross-Resistance in Pyrethroid-Resistant Strains of Tobacco Budworm (Lepidoptera: Noctuidae). *J Econ.Entomol.* 81: 1529-1535.

EcoReference No.: 91585
Chemical of Concern: PMR,FNV,FVL,EFV,CYP,DM,LCYT,MP; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(PMR,FNV,EFV,CYP,MP).

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EcoReference No.: 16199
Chemical of Concern: PYT,FNV; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV).

194. Linduska, J. J., Ross, M., and Stevenson, S. (1992). Foliar Sprays to Control Corn Earworms in Sweet Corn, 1991. *Insectic.Acaric.Tests* 17: 106 (40E).

EcoReference No.: 92319
Chemical of Concern: TDC,EFV,MP,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(TDC,EFV,MP,PMR).

195. Linz, G. M., Homan, H. J., Slowik, A. A., and Penry, L. B. (2006). Evaluation of Registered Pesticides as Repellents for Reducing Blackbird (Icteridae) Damage to Sunflower. *Crop*

Protect. 25: 842-847.

EcoReference No.: 92506

Chemical of Concern: CPY,EFV,CYF,LCYT,ES,CYP; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(EFV,CPY),OK(CYF,CYP).

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EcoReference No.: 88111

Chemical of Concern: IMC,ABM,EFV,CYF,CBF,MP,PSM,CYT,ES; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MP,EFV).

197. Longtine, C. A., Suranyi, R. A., Ragsdale, D. W., and Radcliffe, E. B. (1999). Control of Potato Leafhopper and Green Peach Aphid Using Reduced Rates of Insecticides, 1998. *Arthropod Manage.Tests* 24: 158-160 (E72).

EcoReference No.: 88096

Chemical of Concern: IMC,EFV,DMT,MTM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET (DMT),TARGET,NO CROP(EFV).

198. Lutnicka, H., Bogacka, T., and Wolska, L. (1999). Degradation of Pyrethroids in an Aquatic Ecosystem Model. *Water Res.* 33: 3441-3446.

EcoReference No.: 20618

Chemical of Concern: CYP,BRSM,PMR,CPY,DM,FNV; Habitat: A; Effect Codes: ACC,BEH,BCM,POP; Rejection Code: LITE EVAL CODED(FNV,BRSM,CYP),OK(DM,CPY,PMR).

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EcoReference No.: 88754

Chemical of Concern: FNV,DMT,ACP,ADC; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS), NO CROP (DMT),TARGET,NO CROP(FNV).

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EcoReference No.: 88933

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

201. Maiti, P. K. and Kar, A. (1997). Dual Role of Testosterone in Fenvalerate-Treated Mice with Respect to Thyroid Function and Lipid Peroxidation. *J.Appl.Toxicol.* 17: 127-131.

EcoReference No.: 93277

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

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EcoReference No.: 92488

Chemical of Concern: FNV; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL

CODED(FNV).

203. Majumder, S., Chakraborty, A. K., Bhattacharyya, A., and Mandal, T. K. (1996). Chronic Dermal Toxicity Study of Fenvalerate in Fowl. *Toxicol. Environ. Chem.* 55: 103-113.

EcoReference No.: 93055

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

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EcoReference No.: 73031

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

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EcoReference No.: 51823

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

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EcoReference No.: 93238

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

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EcoReference No.: 76874

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

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EcoReference No.: 37808

Chemical of Concern: FNV,DCM,PMR,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(FNV,PMR).

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EcoReference No.: 93215

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

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- EcoReference No.: 93248
Chemical of Concern: FNV; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(FNV).
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- EcoReference No.: 93102
Chemical of Concern: PIM,FNV; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(FNV).
212. Mansour, S. A. (1984). Toxicity of Some Insecticides to Grasshoppers in Laboratory and Field Tests. *Bull.Entomol.Soc.Egypt Econ.Ser.* 0: 87-94.
- Chemical of Concern: EFV; Habitat: T; Rejection Code: TARGET(EFV).
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- EcoReference No.: 92885
Chemical of Concern: FNTH,FNV,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV).
215. McClanahan, R. J. (1982). Susceptibility of a Migratory Population of the Corn Earworm (*Heliothis zea*) (Lepidoptera: Noctuidae) to Insecticides. *Can.Entomol.* 114: 1175-1177.
- EcoReference No.: 89573
Chemical of Concern:
DM,CYP,FNV,PMR,CPY,SPS,FPP,PFF,PRN,TVP,MOM,DDT,AZ,CBF,ACP,MTM,CBL;
Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(CYP,PMR,CPY,MOM,AZ,ACP,MTM,CBL,FNV).
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- EcoReference No.: 93068
Chemical of Concern: FNV,CYP,CBL,ES,DDT,MDT,DM,MOM,MTM,ACP,TCF; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(FNV).
217. McLeod, P. (1986). Corn Earworm Control on Sweet Corn, 1985. *Insectic.Acaric.Tests* 11: 136 (No. 181).
- EcoReference No.: 88666
Chemical of Concern: CBL,MOM,PMR,FNV,CYP,LCYT; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,MOM),OK(PMR,CYP,LCYT),TARGET(FNV).
218. McLeod, P. (1999). Evaluation of Insecticides for Control of Redlegged Grasshopper in Pasture Adjacent to Mustard Greens, 1998. *Arthropod Manage.Tests* 24: 377 (G74).
- EcoReference No.: 88124
Chemical of Concern: CYP,SS,CFP,EFV,BFL,LCYT,PMR; Habitat: T; Effect Codes:

POP; Rejection Code: TARGET(EFV).

219. McLeod, P. (1987). Insect Control in Zucchini, 1986. *Insectic.Acaric.Tests* 12: 159 (No. 186).

EcoReference No.: 88718

Chemical of Concern: CYF,BFT,EFV,MOM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS).

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EcoReference No.: 88698

Chemical of Concern: EFV,CBL,BFT,TDC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TDC),OK TARGET(CBL),OK(BFT),EFFICACY(EFV).

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EcoReference No.: 88699

Chemical of Concern: EFV,CBL,BFT,TDC; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(EFV,CBL,BFT,TDC).

222. McPherson, R. M. and Padgett, M. (1988). Tobacco Budworm and Tobacco Hornworm Control on Flue-Cured Tobacco with Foliar Insecticides, 1987. *Insectic.Acaric.Tests* 13: 310-311 (No. 179F).

EcoReference No.: 88861

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

223. Megharaj, M., Venkateswarlu, K., and Rao, A. S. (1987). Influence of Cypermethrin and Fenvalerate on a Green Alga and Three Cyanobacteria Isolated from Soil. *Ecotoxicol.Envirion.Saf.* 14: 142-146.

EcoReference No.: 76690

Chemical of Concern: CYP,FNV; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CYP,FNV).

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EcoReference No.: 92908

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

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EcoReference No.: 92555

Chemical of Concern: FNV,PMR,CYP,DCM,ES; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(FNV),OK(CYP,PMR).

226. Micinski, S., Fitzpatrick, B. J., and Graves, J. B. (1992). Control of the Bollworm-Tobacco Budworm Complex, 1991. *Insectic.Acaric.Tests* 17: 237-238 (79F).

EcoReference No.: 82242
Chemical of Concern: LCYT,BFT,CYF,CYH,CFP,CYP,PPF,EFV,ACP,TDC,SPS; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ACP),OK(ALL CHEMS),NO COC(DKG),OK TARGET,NO CROP(EFV).

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EcoReference No.: 89368
Chemical of Concern: PPB,EFV,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(EFV),NO CONC(MLN),MIXTURE(PPB).

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EcoReference No.: 76700
Chemical of Concern: CYP,FNV,DM,DDT,LCYT,HCCH,FNTH,TMP,MLN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CYP,MLN,FNV),OK(DM,DDT,LCYT,HCCH,FNTH,TMP).

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EcoReference No.: 694
Chemical of Concern: FNV,PYT; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(FNV).

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EcoReference No.: 82824
Chemical of Concern: AMZ,CPY,DMT,ES,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: OK(AMZ,CPY,DMT,ES),NO COC(DKGN), TARGET (DMT),TARGET(CPY),TARGET(FNV).

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EcoReference No.: 92828
Chemical of Concern: FNV,DCM; Habitat: T; Effect Codes: CEL,BCM,GRO; Rejection Code: LITE EVAL CODED(FNV).

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EcoReference No.: 71180
Chemical of Concern: MFZ,FNV,FPN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MFZ,FNV,FPN),OK(ALL CHEMS).

233. Mohan, S., Jayaraj, S., and Rangarajan, A. V. (1987). Influence of Fenvalerate in Inducing Resurgence of Sorghum Aphid, *Rhopalosiphum maidis* Fitch. In: *Jayaraj, S.(Ed.).Resurgence of Sucking Pests; National Symposium, Coimbatore, India.Tamil Nadu*

Agricultural University, Coimbatore, India 39-43.

EcoReference No.: 93081

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

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EcoReference No.: 90656

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

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EcoReference No.: 93219

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

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EcoReference No.: 92486

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

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EcoReference No.: 92485

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

238. Moore, D. W. (1988). An Integrated Laboratory and Field Study of Nonpoint Source Agricultural Insecticide Runoff and Its Effects on the Grass Shrimp, *Palaemonetes pugio* (Holthius). *Ph.D Thesis, Univ.of South Carolina: 323 p.Diss.Abstr.Int.B Sci.Eng.1989* 50: 482-483.

EcoReference No.: 8613

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

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EcoReference No.: 18932

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

240. Morrow, E. A. and Grafius, E. J. (1986). Colorado Potato Beetle Control, 1985.

Insectic.Acaric.Tests 11: 164-165 (No. 224).

EcoReference No.: 88759

Chemical of Concern: ADC,DS,PRT,CYF,PMR,FNV,PSM; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(FNV).

241. Mote, U. N., Ghule, B. D., and Jadhav, S. S. (1991). Studies on Economic Threshold Levels of Midge on Sorghum Earheads. *J.Maharashtra Agric.Univ.* 16: 349-352.

EcoReference No.: 92546

Chemical of Concern: ES,FNV; Habitat: T; Effect Codes: POP,PHY; Rejection Code: EFFICACY(FNV).

242. Mote, U. N. and Kadam, J. R. (1984). Chemical Control of Sorghum Earhead Hairy Caterpillar *Euproctis subnotata* WLK. *Indian J.Plant Prot.* 12: 147-148 .

EcoReference No.: 92543

Chemical of Concern: CBL,MLN,ES,CPY,EFV,HCCH; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(CBL,MLN,CPY,EFV).

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EcoReference No.: 88102

Chemical of Concern: LCYT,CBF,CYF,EFV; Habitat: T; Effect Codes: POP; Rejection Code: TARGET,NO CROP(EFV).

244. Mulder, P. G. Jr. and Prescott, D. J. (1999). Effect of Insecticides on Caterpillar and Beneficial Arthropod Populations, 1998. *Arthropod Manage.Tests* 24: 268-269 (F86).

EcoReference No.: 88103

Chemical of Concern: TUZ,MOM,EFV; Habitat: T; Effect Codes: POP; Rejection Code: OK(TUZ),TARGET(MOM,EFV).

245. Mulder, P. G. Jr. and Prescott, D. J. (1999). Effect of Insecticides on Potato Leafhoppers, Defoliating Caterpillars, Beneficial Arthropods and Peanut Yield, 1998. *Arthropod Manage.Tests* 24 : 269-270 (No. F87).

EcoReference No.: 88106

Chemical of Concern: TUZ,CYP,LCYT,MOM,EFV,FPP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),OK(ALL CHEMS),TARGET,NO CROP(EFV).

246. Mulder, P. G. Jr., Prescott, D. J., and Payton, M. E. (1999). Effect of Insecticides and Fungicides on Potato Leafhoppers, Defoliating Caterpillars, Beneficial Arthropods and Peanut Yield, 1997. *Arthropod Manage.Tests* 24: 265-266 (F82).

EcoReference No.: 88108

Chemical of Concern: CYP,EFV; Habitat: T; Effect Codes: POP; Rejection Code: TARGET,NO CROP(EFV).

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EcoReference No.: 13421

Chemical of Concern: DCM,PMR,FNV,SMT; Habitat: T; Effect Codes: MOR,POP;

Rejection Code: OK TARGET(PMR,FNV,SMT).

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- EcoReference No.: 92547
Chemical of Concern: DCM,FNV,CYP,PMR,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,CYP,PMR).
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- EcoReference No.: 91430
Chemical of Concern: FNV,DM,MP,CPY; Habitat: T; Effect Codes: POP,ACC; Rejection Code: LITE EVAL CODED(FNV,MP,CPY).
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- EcoReference No.: 93480
Chemical of Concern: FNV; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: BEH,MOR,PHY; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV,MP,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MP,FNV).
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Chemical of Concern: FNV,PMR; Habitat: T; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(FNV),OK(PMR).
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Chemical of Concern: CYP,FNV; Habitat: T; Effect Codes: BEH,POP; Rejection Code: OK TARGET(CYP,FNV).
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141-149.

EcoReference No.: 87865

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

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EcoReference No.: 15517

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

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EcoReference No.: 88867

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

258. Noetzel, D. and Nyegaard, C. (1988). Flea Beetle Control in Canola, 1987. *Insectic.Acaric.Tests* 13: 196 (No. 30F).

EcoReference No.: 88850

Chemical of Concern: DS,PMR,CBL,FNV,CYH,BFT,CBF,PRT,CYF,ES,TBO,AZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL),TARGET,NO CROP(FNV).

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EcoReference No.: 88845

Chemical of Concern: CBL,MOM,TLM,PMR,DS,EFV,CYH,MP,CYF,BFT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM,EFV,MP,DS),OK(TLM,PMR,CYH,CYF,BFT),OK TARGET(CBL).

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EcoReference No.: 88870

Chemical of Concern: CYH,EFV,ADC,PRT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(EFV).

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EcoReference No.: 88875

Chemical of Concern: CBF,FNV,ADC; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK(CBF,ADC),TARGET,NO CROP(FNV).

262. Noetzel, D. M. (1986). Armyworm Control in Wheat, 1984. *Insectic.Acaric.Tests* 11: 367 (No. 459).

EcoReference No.: 88672

Chemical of Concern: MP,PMR,LCYT,FNV,CYP,CYF,CPY,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK
TARGET(CBL),OK(MP,PMR,LCYT,CYP,CPY,CYF),TARGET(MP,CPY,FNV).

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EcoReference No.: 88659
Chemical of Concern: MP,CPY,CBL,ES,PMR,FNV,CYF,CBF,LCYT,CYP; Habitat: T; Effect Codes: POP; Rejection Code: OK
TARGET(CBL),OK(MP,CPY,ES,PMR,CYF,LCYT,CYP),TARGET(MP,CPY,FNV).

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EcoReference No.: 89787
Chemical of Concern: EFV,CTN; Habitat: T; Effect Codes: POP,PHY,GRO; Rejection Code: LITE EVAL CODED(CTN,EFV).

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EcoReference No.: 88715
Chemical of Concern: CBF,CBL,PRT,ES,FNV,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL,MLN),TARGET(FNV).

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EcoReference No.: 88748
Chemical of Concern: CYF,PMR,ADC,TBO,CBF,FNV; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(FNV).

267. Noetzel, D. M., Ricard, M., and Bromenshenkel, E. (1988). Armyworm Control, 1987. *Insectic.Acaric.Tests* 13: 268-269 (No. 119F).

EcoReference No.: 88854
Chemical of Concern:
PMR,CYP,CYF,EFV,CPY,BFT,CYH,MP,MOM,CBL,TLM,FNV,FVL; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ALL CHEMS).

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EcoReference No.: 88847
Chemical of Concern: CYH,MP,CBL,PMR,EFV,MOM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),EFFICACY(MP,CBL,PMR,EFV).

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EcoReference No.: 88846
Chemical of Concern: EFV,MP,PMR,CYH,MOM,CBL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),EFFICACY(EFV,MP,PMR,CBL) .

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- EcoReference No.: 88848
Chemical of Concern: CBL,MP,MOM,CYH,PMR,EFV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),EFFICACY(CBL,MP,PMR,EFV) .
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- EcoReference No.: 88705
Chemical of Concern: MP,FNV,FVL,CYP,CPY,MOM,CYH,BFT,CBL,TLM,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK(CPY,CYH,TLM),OK TARGET(MP,FVL,CYP,MOM,BFT,CBL,PMR),TARGET(CPY),TARGET(FNV).
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- EcoReference No.: 88871
Chemical of Concern: ADC,BFT,FNV,PMR,CBF,ES,EFV,AZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(EFV).
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- EcoReference No.: 88643
Chemical of Concern: FNV,ADC,MTM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTM),NO MIXTURE(ADC),NO CROP(FNV).
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- Chemical of Concern: MOM,FNV; Habitat: T; Rejection Code: TARGET(MOM,FNV).
275. Nord, J. C. and DeBarr, G. L. (1992). Persistence of Insecticides in a Loblolly Pine Seed Orchard for Control of the Leaf-footed Pine Seed Bug, *Leptoglossus corculus* (Say) (Hemiptera: Coreidae). *Can.Entomol.* 124: 617-629.
- EcoReference No.: 93111
Chemical of Concern: PSM,AZ,CPY,FNV,PMR; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: OK TARGET(PSM,AZ,CPY,FNV,PMR).
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- EcoReference No.: 93212
Chemical of Concern: ATN,FNV; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(FNV),OK(ATN).
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Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL,MOR; Rejection Code: LITE

EVAL CODED(FNV).

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EcoReference No.: 93474

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

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EcoReference No.: 93239

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

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EcoReference No.: 92945

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

281. Parker, C. M., McCullough, C. B., Gellatly, J. B. M., and Johnston, C. D. (1983). Toxicologic and Carcinogenic Evaluation of Fenvalerate in the B6C3F1 Mouse. *Fundam.Appl.Toxicol.* 3: 114-120.

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

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

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EcoReference No.: 93221

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

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EcoReference No.: 92600

Chemical of Concern: FNV; Habitat: T; Effect Codes: CEL,REP; Rejection Code: LITE

EVAL CODED(FNV).

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- EcoReference No.: 88670
Chemical of Concern: LCYT,FNV,CYF,CBF,FNF,CYP,PMR,TBO,BFT,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK
TARGET(CBL),OK(LCYT,CYF,CBF,FNF,CYP,PMR,TBO,BFT),TARGET(FNV).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: MOR,GRO,REP,POP; Rejection Code: LITE EVAL CODED(FNV).
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- EcoReference No.: 88671
Chemical of Concern: FNV,ACP,MLN,CBF,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CBL,MLN),OK(ACP,CBF),TARGET(FNV).
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- EcoReference No.: 91911
Chemical of Concern: FNV,MP,CPY,AZ,MLN,PMR,TXP,DCTP,MOM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK TARGET(FNV,MP,CPY,AZ,MLN,PMR).
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- EcoReference No.: 89876
Chemical of Concern: TDC,FYT,FNV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV),OK(TDC,FYT).
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Chemical of Concern: IMC,CPY,DMT,ES,BFT,CYF,EFV,FPP,ACT,TMX; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET (DMT)TARGET(EFV),TARGET(CPY).
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Chemical of Concern: DM,FNV,CPY,AZD; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,AZD,CPY).
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on Osmoregulation in Mudskipper, *Periophthalmus dipus* (Cuv and Val). *Indian J.Exp.Biol.* 33: 300-302.

EcoReference No.: 93222

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

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EcoReference No.: 92484

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

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EcoReference No.: 92549

Chemical of Concern: FNV,PMR,CYP,CPY,CMPH,DDVP,FYT; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(FNV,PMR,CYP,CPY).

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EcoReference No.: 73705

Chemical of Concern: MOM,PPG,CTZ,CHX,FNV,FVL; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(MOM,FVL,FNV),OK(ALL CHEMS).

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EcoReference No.: 92550

Chemical of Concern: FNV,DCM,CBL,HPT,CHD,FNTH,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(FNV),OK(PMR),OK TARGET(CBL).

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EcoReference No.: 92884

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

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EcoReference No.: 92551

Chemical of Concern: AZD,CYP,FNV,MTM,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CYP,FNV,MTM).

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

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EcoReference No.: 93083
Chemical of Concern: CBL,FNV,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK
TARGET(CBL,FNV).

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EcoReference No.: 93256
Chemical of Concern: FNV; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE
EVAL CODED(FNV).

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EcoReference No.: 92826
Chemical of Concern: FNV; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE
EVAL CODED(FNV).

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EcoReference No.: 93007
Chemical of Concern: CYP,DOM,FNV,MLN,FPP; Habitat: T; Effect Codes: MOR;
Rejection Code: OK TARGET(CYP,MLN,FNV).

305. Ratchford, K. (1986). Insect Control on Soybeans, 1985. *Insectic.Acaric.Tests* 11: 347-348 (No. 434).

EcoReference No.: 88667
Chemical of Concern: PDM,TDC,CBL,CYF,PMR,FNV,CPY; Habitat: T; Effect Codes:
POP; Rejection Code: LITE EVAL
CODED(FNV),TARGET(CBL),OK(CYF,PDM),EFFICACY(CBL,TDC,PMR,CPY).

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EcoReference No.: 38447
Chemical of Concern: MP,FNV; Habitat: T; Effect Codes: MOR,PHY,BCM; Rejection
Code: LITE EVAL CODED(MP,FNV).

307. Ratushnyak, A., Andreeva, M. G., and Trushin, M. V. (2005). Effects of Type II Pyrethroids on Daphnia magna: Dose and Temperature Dependences. *Riv.Biol.* 98: 349-357.

EcoReference No.: 88192
Chemical of Concern: DM,FNV,CYP; Habitat: A; Effect Codes: MOR,REP; Rejection

Code: LITE EVAL CODED(FNV),OK(CYP).

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EcoReference No.: 93058

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

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EcoReference No.: 88463

Chemical of Concern: CBL,DMT,MP,CYP,FNT,FNV,MLN,ES,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,MLN,MP,DMT,CYP,FNV),OK(FNT,ES).

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EcoReference No.: 126

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

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EcoReference No.: 93210

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

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EcoReference No.: 88134

Chemical of Concern: TUZ,MFZ,EMMB,EFV,CPY; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(EFV),TARGET(CPY).

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EcoReference No.: 90192

Chemical of Concern: BFT,MOM,CBF,CYP,DS,ACP,EFV; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(EFV),OK(BFT,MOM,CBF,CYP,ACP),NO COC(CTN),EFFICACY(DS).

315. Riedl, H. and Hoying, S. A. (1983). Toxicity and Residual Activity of Fenvalerate to *Typhlodromus occidentalis* (Acari: Phytoseiidae) and Its Prey *Tetranychus urticae* (Acari: Tetranychidae) on Pear. *Can.Entomol.* 115: 807-813.

EcoReference No.: 38512

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

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 Chemical of Concern: MP,FNV,CPY,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,CPY,MP).
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- EcoReference No.: 92822
 Chemical of Concern: FYT,FNV; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(FNV).
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- Chemical of Concern: MOM,FNV; Habitat: T; Rejection Code: TARGET(MOM,FNV).
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- EcoReference No.: 38526
 Chemical of Concern: VCZ,CYP,FNV,DM,PMR; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(FNV),OK(VCZ,CYP,DM,PMR).
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- EcoReference No.: 91604
 Chemical of Concern: PMR,SMT,FNV,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(PMR,SMT,FNV,MLN).
322. Robinson, J. R. C. and Teetes, G. L. (1987). Insecticides for Suppression of *Heliothis* spp. on Cotton, 1986. *Insectic.Acaric.Tests* 12: 248-250 (No. 290).
- EcoReference No.: 88708
 Chemical of Concern: CYP,EFV,CBL,ACP,CYH; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL),TARGET,NO CROP(EFV).
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- EcoReference No.: 92910
 Chemical of Concern: FNV; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(FNV).
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- EcoReference No.: 90474
 Chemical of Concern:

FNV,PMR,DDT,ES,TXP,ADC,CBL,MCB,MOM,TDC,CPY,MP,PFF,SPS,TCF,AMZ,DFZ, MTPN,PPB; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: OK TARGET(MTPN,MOM,MP,CPY,FNV).

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EcoReference No.: 89059

Chemical of Concern: PMR,CYP,BFT,CYH,EFV,TDC; Habitat: T; Effect Codes: POP,BEH,GRO; Rejection Code: LITE EVAL CODED(TDC),OK(ALL CHEMS),TARGET,NO CROP(EFV).

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EcoReference No.: 82732

Chemical of Concern: DKGNa,CYH,MOM,DZ,ES,EFV; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(DZ,DKGNa,CYH,MOM,ES,EFV) .

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EcoReference No.: 88726

Chemical of Concern:

EFV,CYF,PMR,MTM,CPY,MOM,ES,CBL,MLN,DZ,MP,AZ,FVL,MVP,DMT,MXC,OXD, Naled; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS),TARGET(Naled,MP,CPY).

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EcoReference No.: 92602

Chemical of Concern: CPY,FNV,TDC; Habitat: T; Effect Codes: MOR,CEL; Rejection Code: OK TARGET(CPY,FNV,TDC).

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EcoReference No.: 92553

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

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Chemical of Concern: EFV; Habitat: T; Rejection Code: EFFICACY(EFV).

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Chemical of Concern: EFV; Habitat: T; Rejection Code: EFFICACY(EFV).

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and Chemical Insecticides for the Control of *Spodoptera exigua* (Lep., Noctuidae) on Soybean Plants. *Anz.Schaedlingskd Pflanzenschutz Umweltschutz* 63: 100-102.

EcoReference No.: 93060

Chemical of Concern: FNV; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(FNV).

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EcoReference No.: 92830

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

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EcoReference No.: 74457

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

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EcoReference No.: 82495

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

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EcoReference No.: 93249

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

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EcoReference No.: 93173

Chemical of Concern: CBF,FNV,DM,ES,PPHD; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK(CBF),OK TARGET(FNV).

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EcoReference No.: 93057

Chemical of Concern: DPP1,NaClO,BMY,FNV,MCPA; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(FNV),OK(DPP1,MCPA,NaClO,BMY).

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EcoReference No.: 54005

Chemical of Concern: FNV; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE

EVAL CODED(FNV).

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EcoReference No.: 3726

Chemical of Concern: AZ,ES,FNV; Habitat: A; Effect Codes: MOR,ACC,PHY,BCM; Rejection Code: LITE EVAL CODED(AZ,FNV),OK(ES),NO COC(ACP,MP) .

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EcoReference No.: 92940

Chemical of Concern: CYP,DM,MP,ES,CPY,FNV,AZD; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(FNV,CPY,CYP,MP,AZD).

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EcoReference No.: 88137

Chemical of Concern: IMC,DM,EFV; Habitat: T; Effect Codes: POP; Rejection Code: TARGET,NO CROP(EFV).

343. Shamiyeh, N. B., Burgess, E. E., Follum, R. A., and Thompson, R. (1999). Control of Alfalfa Weevil Larvae, 1998. *Arthropod Manag.Tests* 24: 202 (F12).

EcoReference No.: 88257

Chemical of Concern: PMR,CBF,LCYT,FPP,EFV,CPY,CYF; Habitat: T; Effect Codes: POP; Rejection Code: NO CROP(EFFICACY-EFV),EFFICACY(CPY,CYF,PMR,CBF).

344. Shamiyeh, N. B., Elkassabany, N., and Mullins, C. A. (1987). Control of Cabbage Loopers and Flea Beetles on Fall Broccoli, 1986. *Insectic.Acaric.Tests* 12: 98-99 (No. 103).

EcoReference No.: 88729

Chemical of Concern: FNV,MOM,CBL,PMR,EFV,CYF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),OK(ALL CHEMS),OK TARGET(CBL),TARGET,NO CROP(EFV).

345. Shamiyeh, N. B. and Mullins, C. A. (1988). Control of Insect Pests on Fall Broccoli, 1987. *Insectic.Acaric.Tests* 13: 93 (7E).

EcoReference No.: 88841

Chemical of Concern: PMR,CYF,EFV,MOM,CBL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),OK(PMR,CYF,EFV),OK TARGET(CBL),TARGET, NO CROP(EFV).

346. Shamiyeh, N. B. and Mullins, C. A. (1988). Insect Control in Early Snap Beans, 1987. *Insectic.Acaric.Tests* 13: 88 (4E).

EcoReference No.: 88839

Chemical of Concern: CYF,EFV,ACP,CYH,FPP,MOM,CBL; Habitat: T; Effect Codes:

POP; Rejection Code: LITE EVAL CODED(MOM),OK(ALL CHEMS,TARGET-CBL,EFV),NO CROP(EFV).

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EcoReference No.: 92557

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

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EcoReference No.: 92951

Chemical of Concern: FNV; Habitat: T; Effect Codes: POP,BEH; Rejection Code: OK TARGET(FNV),NO COC(EFV).

349. Sharma, H. C. and Leuschner, K. (1987). Chemical Control of Sorghum Head Bugs (Hemiptera: Miridae). *Crop Prot.* 6: 334-340.

EcoReference No.: 92941

Chemical of Concern: CBL,FNV,CPY,MLN,AZD,ES,FNT,DDVP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(FNV,CPY),OK(CBL,MLN,AZD,ES,FNT,DDVP).

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EcoReference No.: 90795

Chemical of Concern: FNV,DCM,CYP,PHSL,MLN,FNTH,FNT,DDVP,CPY,ES,HCCH; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CYP,CPY),CROP(EFFICACY-MLN,FNV).

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EcoReference No.: 82269

Chemical of Concern: PPHD,ES,DDVP,CYP,FNV,DEM,DMT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET,NO CROP(DMT,FNV).

352. Shell Oil Co. (1992). Initial Submission: Acute Toxicity of SD 92459 to Bluegill Sunfish (*Lepomis macrochirus*) (Final Report) with Cover Letter Dated 041492. *EPA/OTS Doc.#88-920001965* 46 p. (NTIS/OTS 0538062).

EcoReference No.: 93327

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

353. Shell Oil Co. (1992). Initial Submission: Toxicity Study of Pydrin Alone and in Combination with Poal, CPIA, and CPIN in Fathead Minnows with Attach. and Cover Letter Dated 061092. *EPA/OTS Doc.#88-920003950* 15 p. (NTIS/OTS 0541004).

EcoReference No.: 93325

Chemical of Concern: FNV; Habitat: A; Effect Codes: MOR; Rejection Code: LITE

EVAL CODED(FNV).

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Chemical of Concern: PYT,FNV; Habitat: T; Rejection Code: TARGET(FNV).
355. Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Alfalfa Weevil Control in Alfalfa, 1990. *Insect.Acaric.Tests* 16: 138 (22F).
EcoReference No.: 90677
Chemical of Concern: PMR,EFV,CYF,CPY,MP,CBF,MOM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MOM,MP,EFV),NO COC(MLN),TARGET(CPY).
356. Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Insecticide Efficacy in Alfalfa, 1989. *Insectic.Acaric.Tests* 16: 138-139 (23F).
EcoReference No.: 90653
Chemical of Concern: CYF,MXC,PMR,EFV,DMT,CBF,PSM,CPY,MLN,MP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS).
357. Shukla, A., Pathak, S. C., and Agrawal, R. K. (1996). Efficacy and Economics of Some Insecticides and Plant Products Against the Infestation of Okra Shoot and Fruit Borer, *Earias vittella* Fab. *Crop Res.* 12: 367-373.
EcoReference No.: 92998
Chemical of Concern: MLN,DDVP,FNV,CYP,AZD; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(FNV),OK(MLN,CYP).
358. 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; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DM,MP,FNV,PMR,CPY,CYP),OK(AZD),TARGET(CBL),NO CROP,TARGET(MLN).
359. Silowitz, Z., Wallace, J., Gurecki, T., Rebarchak, P., and Yocum, J. O. (1986). Foliar Insecticide Efficacy Trial, 1983. *Insectic.Acaric.Tests* 11: 168-170 (No. 228).
EcoReference No.: 88758
Chemical of Concern: ADC,ES,OML,PMR,CYP,FNV,CYT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(FNV).
360. Simwat, G. S. and Dhawan, A. K. (1993). Effect of Insecticides on Some Yield Contributing Parameters in Asiatic Cotton, *Gossypium arboreum* L. *J.Insect Sci.* 6: 305-306.
EcoReference No.: 87631
Chemical of Concern: CYP,FNV,PMR,FYT,DM,FVL,PHSL,ES,DDT,FNT,CBL,ACP; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ACP,CBL),TARGET,NO CROP(FNV).
361. Singh, B. and Goel, I. (1997). Relative Toxicity of Insecticides Against Mustard Aphid, *Lipaphis erysimi* (Kalt.) (Homoptera : Aphididae). *Uttar Pradesh J.Zool.* 17: 230-232.

EcoReference No.: 93214
Chemical of Concern: DM,CYP,FNV,FPP; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(CYP,FNV).

362. Singh, G. and Grewal, G. S. (1991). Effect of Insecticidal Sprays on Yield of Sesame (*Sesamum indicum*) Through Control of Insect Pests. *Indian J.Agric.Sci.* 61: 154-155.

EcoReference No.: 93141
Chemical of Concern: FNV,PRM,CYP,ES,DM; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(CYP),CROP(EFFICACY-FNV).

363. Singh, H., Kalra, V. K., and Rohilla, H. R. (1986). Studies on the Efficacy and Economics of Sprays of Synthetic Pyrethroids Against Mustard Aphid *Lipaphis erysimi* (Kalt) on Rape Seed. *Indian J.Plant Prot.* 14: 1-5.

EcoReference No.: 92823
Chemical of Concern: OXD,CYP,DCM,PMR,FNV; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(FNV),OK(OXD,CYP,PMR).

364. Singh, K. K. and Jha, G. J. (1996). Effect of Chronic Fenvalerate (Synthetic Pyrethroid) Intoxication on the Immune Response of Goats to *Brucella abortus* Strain 19 Vaccine. *J.Comp.Pathol.* 115: 299-303.

EcoReference No.: 92820
Chemical of Concern: FNV; Habitat: T; Effect Codes: BCM,CEL,GRO,PHY; Rejection Code: LITE EVAL CODED(FNV).

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EcoReference No.: 89013
Chemical of Concern: MLN,PSH,FPP,FVL,DCM,CYP,FNV,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET,NO CROP(FNV,MLN).

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EcoReference No.: 89918
Chemical of Concern: DMT,FNT,TDC,DEM,DCM,PHSL,CYP,PMR,FNV,DZ; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(ALL CHEMS).

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EcoReference No.: 92556
Chemical of Concern: PPHD,ES,PHSL,CYP,PMR,DCM,FNV; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CYP,PMR,FNV).

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

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- EcoReference No.: 93062
Chemical of Concern: AZD,CBL,PRT,ES,CPY,FNV; Habitat: T; Effect Codes: POP,MOR; Rejection Code: EFFICACY(AZD,CBL,PRT,CPY,FNV).
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- EcoReference No.: 88766
Chemical of Concern: ADC,PMR,MTM,CYT,FNV; Habitat: T; Effect Codes: POP; Rejection Code: OK(ADC,PMR,CYT),OK TARGET(MTM),TARGET(FNV).
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Chemical of Concern: EMMB,TUZ,EFV; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CTN),OK(EMMB,TUZ),OK TARGET(EFV).
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Chemical of Concern: CBL,MOM,EFV,TUZ,IMC,EMMB; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(MOM,CBL),TARGET(EFV).
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Chemical of Concern: CBF,FNV,CBL,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBF),OK TARGET(CBL,PMR,FNV).
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Chemical of Concern: TDC,CBL,FNV,MOM,PMR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(TDC,CBL,MOM,PMR,FNV).
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Chemical of Concern: ACP,AZ,TDC,CBL,FNV; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ACP,AZ,TDC,CBL,FNV).

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Chemical of Concern: DKGNa,EFV,ES; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DKGNa,EFV,ES).
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Chemical of Concern: TDC,LCYT,PMR,CYP,CYF,EFV,BFT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(EFV,TDC,PMR,CYP,CYF,BFT) .
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Chemical of Concern: FNV,DMT; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(FNV),OK(DMT).
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Chemical of Concern: EFV,CBL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(EFV,CBL).
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Chemical of Concern: FNV,CBL; Habitat: T; Effect Codes: REP,MOR,BEH,POP; Rejection Code: LITE EVAL CODED(FNV),OK(CBL).
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Chemical of Concern: FNV; Habitat: T; Effect Codes: GRO,MOR,POP; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV,PMR,CBL,MVP,MLN,Naled; Habitat: T; Effect Codes: POP; Rejection Code: OK(MVP),OK TARGET(PMR,CBL,MLN,Naled),TARGET(Naled,FNV).
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Chemical of Concern: FNV; Habitat: T; Effect Codes: REP; Rejection Code: EFFICACY(FNV).

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

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EcoReference No.: 90628
Chemical of Concern: MLN,EFV,DMT,PSM,ES; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS)).

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EcoReference No.: 88293
Chemical of Concern: IMC,ABM,ES,EFV,PSM,CBF; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET,NO CROP(EFV).

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EcoReference No.: 88281
Chemical of Concern: IMC,ABM,ES,EFV,PSM,CBF; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET,NO CROP(EFV).

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

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

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

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- EcoReference No.: 70040
 Chemical of Concern: PYT,RSM,PYN,FYT,FNV,CYP; Habitat: T; Effect Codes: MOR,BCM,GRO; Rejection Code: LITE EVAL CODED(RSM,CYP,FNV).
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 Chemical of Concern: FVL,FNV,PMR,CYP,CYF,FYT; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(FNV),OK(FVL,PMR,CYP).
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 Chemical of Concern: FNV,AMZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(FNV).
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- EcoReference No.: 20421
 Chemical of Concern: MP,ES,CBF,CPY,CYP,EFX,TDC,MTM,MLN,FNV,CYF,FNT,CBL,24DXY,MCPA,BTC,FZFB,TBC,ODZ,MZB,DZ; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV,MP,CPY,MZB,CBL,CYP,MTM,DZ,TDC,CYF,MLN),OK(24DXY,ES,CBF,EFX,MCPA,BTC,FZFB,TBC,ODZ,FNT).
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 Chemical of Concern: CYP,FNV,FNTH,PHSL,CPY,DZ,MP,CBL,ES,MLN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MLN,FNV,CPY,CYP,DZ),OK TARGET,NO CROP(MP).
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Chemical of Concern: MLN,FNV,CPY,CYP,ES,DDVP,DFZ; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(MLN,FNV,CPY,CYP).

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Chemical of Concern: FNV,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(FNV,CPY).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: BCM,MOR,GRO; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: DM,FNV; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV,CPY,EFV; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(FNV,CPY,EFV).
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Chemical of Concern: CAPTAN,DZ,FNV,AND; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV,Captan,DZ),OK(AND).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(FNV).
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Chemical of Concern: FNV; Habitat: A; Effect Codes: CEL,BCM,MOR; Rejection Code: LITE EVAL CODED(FNV).

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EcoReference No.: 92560

Chemical of Concern: CYP,DCM,DMT,FNV,PMR,PPHD; Habitat: T; Effect Codes: MOR,REP; Rejection Code: OK TARGET(CYP,DMT,FNV,PMR).

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EcoReference No.: 93172

Chemical of Concern: CYP,DCM,DMT,FNV,PMR,PPHD; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,CYP,FNV,PMR).

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Chemical of Concern: SMT,FNV,CHT,PMR,CYP,RSM; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(CYP,RSM,FNV),OK(SMT,PMR),NO COC(TMT).

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EcoReference No.: 69689

Chemical of Concern: HgCl₂,FNF,FNV,PMR,CYP,DZ,CPY,CHD,ES,PRN,Hg; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DZ,CYP,PMR,CPY,FNV).

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EcoReference No.: 89234

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

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EcoReference No.: 89293

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

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EcoReference No.: 92882

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

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Chemical of Concern: FNV,IFP,ACP,DDVP,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(CPY),TARGET(FNV).

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EcoReference No.: 93240

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

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Chemical of Concern: PFF,FNV,ES,DM; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET,NO CROP(FNV),NO COC(EFV).

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EcoReference No.: 88831

Chemical of Concern: FNV,CBL,AMZ,DZ,FTTO,ETN; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(CBL,DZ),TARGET(FNV) .

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

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EcoReference No.: 16590

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

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EcoReference No.: 84761

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

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EcoReference No.: 75782

Chemical of Concern: ES,CYP,Ziram,DMT,DDVP,FNV; Habitat: T; Effect Codes: GRO,POP,BCM; Rejection Code: LITE EVAL CODED(CYP,DMT,FNV).