

Appendix H. Bibliography of ECOTOX Open Literature from the 2011 Acephate Refresh

Accepted for EcoTox and OPP	1
Accepted for EcoTox but not OPP	49
Target: Toxicity of Chemical on Intended Pest	76
Excluded	158

Accepted for EcoTox and OPP

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; Code: LITE EVAL CODED(FNV,ACP),OK(CBL).

Ackley, J. A., Wilson, H. P., and Hines, T. E. (1996). Weed Management Programs in Potato (Solanum tuberosum) with Rimsulfuron. *Weed Technol.* 10: 354-358.

EcoReference No.: 73746

Chemical of Concern: AZ,DMT,LNR,MBZ,MTL,MTM,RIM; Habitat: T; Effect Codes: GRO,PHY,POP; Code: LITE EVAL CODED (AZ,DMT,LNR,MTM), NO EFED CHEM (RIM), OK (MBZ,MTL).

Ahmad, M. (2009). Observed Potentiation Between Pyrethroid and Organophosphorus Insecticides for the Management of Spodoptera litura (Lepidoptera: Noctuidae). *Crop Prot.* 28: 264-268.

EcoReference No.: 152980

Chemical of Concern: ACYP,BFT,CPY,CYF,CYP,DM,ETN,MTM,PFF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (BFT,MTM), NO EFED CHEM (ACYP,ETN), OK (CPY), TARGET (CYF,CYP,DM,PFF).

Ahmad, M., Arif, M. I., and Ahmad, Z. (1999). Patterns of Resistance to Organophosphate Insecticides in Field Populations of Helicoverpa armigera in Pakistan. *Pestic. Sci.* 55: 626-632.

EcoReference No.: 109026

Chemical of Concern: CPY,ETN,MP,MTM,PFF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CPY,MTM), NO EFED CHEM (ETN), TARGET (MP,PFF).

Ahmed, K., Rao, N. H. P., and Reddy, A. S. (1990). Ovicidal Action of Insecticides on Eggs of Gram Pod-Borer (Heliothis armigera). *Indian J. Agric. Sci.* 60: 154-156 .

EcoReference No.: 153350

Chemical of Concern: ACP,CPY,DFZ,ES,FNV,MOM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CPY,DFZ,ES,FNV,MOM).

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

EcoReference No.: 81333

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

Amer, S. M. and Farah, O. R. (1985). Cytological Effects of Pesticides XV. Effect of the Insecticide Methamidophos on Root-Mitosis of *Vicia faba*. *Cytologia* 50: 521-526 .

EcoReference No.: 88484

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

Amer, S. M. and Sayed, M. A. (1987). Cytogenetic Effects of the Insecticide Methamidophos in Mouse Bone Marrow and Cultured Mouse Spleen Cells. *Z. Naturforsch* 42: 21-30.

EcoReference No.: 88455

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

Anwar, T., Tahir, S., Ahmad, I., Baladi, A. H., and Omm-e-Hani (2006). Residual Toxicity of Methamidophos Against a Common Fresh Water Fish. *Int. J. Biol. Biotechnol.* 3: 591-593.

EcoReference No.: 153307

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

Araya, J. E. and Cambron, S. E. (1992). Control of Aphids on Spring Oats and Winter Wheat with Slow Release Granular Systemic Insecticides. *Gt.Lakes Entomol.* 25: 223-236.

EcoReference No.: 90297

Chemical of Concern: ACP,CBF,DS; Habitat: T; Effect Codes: POP,MOR,PHY; Code: LITE EVAL CODED(DS,ACP),OK(CBF).

Archer, T. L., Bynum, E. D. Jr., and Plapp, F. W. Jr. (1994). Chlorpyrifos Resistance in Greenbugs (Homoptera: Aphididae): Cross-Resistance and Synergism. *J. Econ. Entomol.* 87: 1437-1440.

EcoReference No.: 103314

Chemical of Concern: ACP,AMZ,CBF,CPY,DMT,EFV,MLN,MOM,OXD,PPB,TBF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (PPB,TBF,ACP), TARGET (AMZ,CBF,CPY,DMT,EFV,MLN,MOM,OXD).

Asmatullah and Aslam, T. (1999). Toxicity of Methamidophos in Pregnant Mice and Developing Fetuses. *Bull. Dep. Zool. Univ. Panjab* 14: 141-151.

EcoReference No.: 88389

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

Asmatullah and Khan, A. R. (2000). Teratogenic Effects of Sublethal Doses of Methamidophos in Mice. *Bull. Dep. Zool. Univ. Panjab* 15: 35-43.

EcoReference No.: 88390

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

Athalye, S. S. and Patil, R. S. (1998). Bionomics, Seasonal Incidence and Chemical Control of Cashew Leaf Miner. *J. Maharashtra Agric. Univ.* 23: 29-31.

EcoReference No.: 153357

Chemical of Concern: ACP,CYP,DMT,ES,PPHD; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), NO EFED CHEM (PPHD), OK (ES), TARGET (CYP,DMT).

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:

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

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:

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

Attademo, A. M., Cabagna-Zenkhusen, M., Lajmanovich, R. C., Peltzer, P. M., Junges, C., and Basso, A. (2011). beta-Esterase Activities and Blood Cell Morphology in the Frog *Leptodactylus chaquensis* (Amphibia: Leptodactylidae) on Rice Agroecosystems from Santa Fe Province (Argentina). *Ecotoxicology* 20: 274-282.

EcoReference No.: 152983

Chemical of Concern: CYP,ES,MTM; Habitat: T; Effect Codes: BCM,CEL,GRO; Code: LITE EVAL CODED (MTM), NO MIXTURE (CYP,ES).

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,AZD,CPY,CTN,CYP,ES,FNV,MZB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CPY,CTN,ES,FNV,MZB), TARGET (AZD,CYP).

Bachelier, J. S., Mott, D. W., Edmisten, K. L., Cawley, N. M., and Straughn, E. H. (1999). Effect of Selected Insecticides for Thrips Control on Ultra Narrow Row Cotton, 1998. *Arthropod Manag.Tests* 24: 234-235 (F48).

EcoReference No.: 88055

Chemical of Concern: ADC,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ADC,IMC,ACP).

Baheti, B. L. and Yadav, S. M. (1993). Seed Soaking of Blackgram (*Vigna mungo* L.) in Pesticides for Control of Root-Knot Nematode, *Meloidogyne incognita*. *Indian J.Mycol.Plant Pathol.* 23: 173-174.

EcoReference No.: 87467

Chemical of Concern: ACP; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Banbote, B. G., Gawande, R. B., and Satpute, S. U. (1995). Efficacy of Different Synthetic and Herbal Insecticides Against the Pests of Cotton. *PKV (Punjabrao Krishi Vidyapeeth) Res J.* 19: 104-106.

EcoReference No.: 153358

Chemical of Concern: ACP,ES,FNV,FVL,NMK; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,FNV), OK (ES), TARGET (FVL,NMK).

Bart, J. (1979). Effects of Acephate and Sevin on Forest Birds. *J.Wildl.Manag.* 43: 544-549.

EcoReference No.: 35750

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

Bartels, D. W., Fossey, C. R., Hutchison, W. D., Rinkleff, J. H., and Bolin, P. C. (1994). European Corn Borer Control in Minnesota Snap Beans, 1993. *Arthropod Manag. Tests* 19: 55-(4E).

EcoReference No.: 121210

Chemical of Concern: ACP,BFT,CBL,EFV,LCYT,MP,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,BFT,CBL,EFV,LCYT,MP,PMR).

Bastos, C. S., De Almeida, R. P., and Suinaga, F. A. (2006). Selectivity of Pesticides Used on Cotton (*Gossypium hirsutum*) to *Trichogramma pretiosum* Reared on Two Laboratory-Reared Hosts. *Pest Manag. Sci.* 62: 91-98.

EcoReference No.: 88020

Chemical of Concern: ACYP,AZX,CMZ,CYP,DFZ,DM,ES,LUF,MQC,MTM,NVL,PFF,TAP; Habitat: T; Effect Codes: GRO,REP; Code: LITE EVAL CODED (AZX,CMZ,CYP,DFZ,DM,ES,MTM,PFF), NO EFED CHEM (ACYP,LUF,MQC,NVL,TAP).

Baur, M. E., Ellis, J., Hutchinson, K., and Boethel, D. J. (2003). Contact Toxicity of Selective Insecticides for Non-target Predaceous Hemipterans in Soybeans. *J.Entomol.Sci.* 38: 269-277.

EcoReference No.: 82481

Chemical of Concern: MOM,MFZ,TDC,PMR,SS,LCYT,ACE, ACP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACP,MFZ,TDC,PMR,MOM,SS,LCYT,ACE),OK(ALL CHEMS).

Behera, B. C. and Bhunya, S. P. (1989). Studies on the Genotoxicity of Asataf (Acephate), an Organophosphate Insecticide, in a Mammalian In Vivo System. *Mutat.Res.* 223: 287-293.

EcoReference No.: 87460

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

Beitia, F., Garrido, A., and Castaner, M. (1991). Mortality Produced by Various Pesticides Applied to Eggs of *Diglyphus isaea* (Walker) (Hym. :Eulophidae) in Laboratory Tests. *Tests Agrochem. Cultiv.* 12: 16-17.

EcoReference No.: 103776

Chemical of Concern: ACP,ACYP,BPZ,CYR,DMT,ES,FBOX,FNT,FYC,HTX,MOM,PIM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CYR,DMT,ES,FBOX,FNT,FYC,HTX,MOM,PIM), NO EFED CHEM (ACYP,BPZ).

Berry, E. C. and Knake, R. P. (1987). Population Suppression of Black Cutworm (Lepidoptera: Noctuidae) Larvae with Seed Treatments. *J. Econ. Entomol.* 80: 921-924.

EcoReference No.: 153386

Chemical of Concern: ACP,CBL; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (ACP), TARGET (CBL).

Bocsor, J. G. and O'Connor, T. F. (1975). Environmental Impact Study of Aerially Applied Orthene (O,S-Dimethylacetylphosphoramidothioate) on a Forest and Aquatic Ecosystem. *Rep.No.174, Lake Ontario Environ.Lab.(LOTEL), State Univ.of New York, Oswego, NY* 231 p.

EcoReference No.: 16571

Chemical of Concern: ACP; Habitat: AT; Effect Codes: ACC,BEH,GRO,MOR,POP,REP; Code: LITE EVAL CODED (ACP).

Bocsor, J. G. and O'Connor, T. F. (1975). Environmental Impact Study of Aerially Applied Orthene (O,S-Dimethylacetylphosphoramidothioate) on a Forest and Aquatic Ecosystem. *LOTEL Rep.No.174, Lake Ontario Environ.Lab., State Univ.of New York, Oswego, NY* 231 p.

EcoReference No.: 16571

Chemical of Concern: ACP; Habitat: AT; Effect Codes: POP,MOR,BEH,ACC; Code: LITE EVAL CODED(ACP).

Bogatko, W. and Labanowski, G. (1993). Chemical Control of the Black Vine Weevil (*Otiorrhynchus sulcatus* F.) on Ornamental Crops. *J. Fruit Ornam. Plant Res.* 1: 93-101.

EcoReference No.: 153283

Chemical of Concern: CBF,CPY,DZ,FNF,IFP,MTM,OML,PIRM,TBO,TFT; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (CBF,CPY,DZ,FNF,IFP,MTM,OML,PIRM,TBO,TFT), NO EFED CHEM (FNF,IFP,TFT).

Braverman, Y., Chizov-Ginzburg, A., Yeruham, I., Kolsky, O., and Saran, A. (1998). Control Experiments with Yellow Jacket Wasps (Hymenoptera: Vespidae) Injuring Cattle in Israel. *J. Econ. Entomol.* 91: 486-491.

EcoReference No.: 81653

Chemical of Concern: ACP,CYR,DZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,DZ), NO ENDPOINT (CYR).

Brehmer, P. M. and Anderson, R. K. (1992). Effects of Urban Pesticide Applications on Nesting Success of Songbirds. *Bull.Environ.Contam.Toxicol.* 48: 352-359.

EcoReference No.: 68895

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

Bristow, P. R. and Windom, G. E. (1987). Effects of Selected Fungicides, Insecticides, and Adjuvants on In Vitro Germination of Highbush Blueberry Pollen. *Plant Dis.* 71: 326-328.

EcoReference No.: 90552

Chemical of Concern: MLN,DZ,AZ,ACP,Captan,CAP,BMY,FBM,TFR; Habitat: T; Effect Codes: REP; Code: LITE EVAL CODED(MLN,Captan,CAP,TFR,DZ,AZ,ACP).

Brown, L. R., Eads, C. O., Crisp, C. E., and Page, M. (1979). Control of a Jeffrey Pine Needleminer by Spraying and Trunk Implantation and Resultant Acephate Residues. *J. Econ. Entomol.* 72: 51-54.

EcoReference No.: 99767

Chemical of Concern:

ACP,CBF,CBL,CPY,DM,DMT,DS,DZ,FNT,FNV,HCCH,MLN,MXC,PHSL,PMR,PPCP,PSM,RSM,TCF; Habitat : T; Effect Codes: ACC,MOR,POP; Code: LITE EVAL CODED (ACP,CBF,CBL,CPY,DM,DMT,DS,DZ,FNT,FNV,MLN,PMR,PSM,RSM,TCF), NO EFED CHEM (HCCH,MXC,PHSL,PPCP).

Buhler, W. G. and Gibb, T. J. (1995). Black Cutworm Control in Bentgrass, 1994. *Arthropod Manag. Tests* 20: 272-273 (3G).

EcoReference No.: 121305

Chemical of Concern: ACP,AZD,BFT,CPY,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,PMR), OK (CPY), TARGET (AZD,BFT).

Bwyne, A. M., Proudlove, W., Berlandier, F. A., and Jones, R. A. C. (1997). Effects of Applying Insecticides to Control Aphid Vectors and Cucumber Mosaic Virus in Narrow-Leafed Lupins (*Lupinus angustifolius*). *Aust. J. Exp. Agric.* 37: 93-102.

EcoReference No.: 63391

Chemical of Concern: CPY,DS,LCYT,MTM,PIM; Habitat: T; Effect Codes: GRO,PHY,POP; Code: LITE EVAL CODED (MTM), NO ENDPOINT (CPY,LCYT), OK (DS,PIM).

Calore, E. E., Perez, N. M., and Herman, M. M. (2007). Morphometric Studies of Cardiac Myocytes of Rats Chronically Treated with an Organophosphate. *Ecotoxicol. Environ. Saf.* 66: 447-450.

EcoReference No.: 101857

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

Carder, J. B., Lentz, G. L., and Van Tol, N. B. (2000). Impact of Early-Season Pesticide Treatments for Control of *Lygus lineolaris* (Hemiptera: Miridae) on Predators of *Helicoverpa zea* (Lepidoptera: Noctuidae) in Cotton. *J. Agric. Urban Entomol.* 17: 89-97.

EcoReference No.: 63269

Chemical of Concern: ACP,AZ,DCTP,MLN,MP,OML; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), OK (AZ,DCTP,MLN,MP,OML).

Carson, W. G., White, K. K., and Trumble, J. T. (1994). Impact of Insecticides on Insects on Tomatoes, 1993. *Insectic. Acaric. Tests* 19: 148-149 (114E).

EcoReference No.: 82731

Chemical of Concern: ABM,AZD,CFP,DKGNa,MOM,MSO,MTM,RH9,TDC,TUZ; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (ABM,CFP,MOM,MSO,RH9,TUZ), OK (DKGNa), TARGET (ABM,AZD,CFP,MOM,MTM,RH9,TDC,TUZ).

Carver, J. H., Bootman, J., Cimino, M. C., Esber, H. J., Kirby, P., Kirkhart, B., Wong, Z. A., and MacGregor, J. A. (1985). Genotoxic Potential of Acephate Technical: In Vitro and In Vivo Effects. *Toxicology* 35: 125-142.

EcoReference No.: 87632

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

Chalfant, R. B. (1997). Laboratory Bioassays of Insecticides Against the Cabbage Looper. *Arthropod Manag. Tests* 22: 413-(11L).

EcoReference No.: 82480

Chemical of Concern: ABM,ACP,CFP,CPY,CYP,EFV,ES,FCX,LCYT,MOM,MTM,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CPY,EFV,ES,MTM,PMR), NO EFED CHEM (FCX), TARGET (ABM,CFP,CYP,LCYT,MOM).

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; Code: LITE EVAL CODED(ACP,DKGNa,CYH,MOM,CPY,DKGNa,MTM,EFV,ES,PMR),OK(ALL CHEMS)//PHASE II

COMPLETE.

Chapman, A. V., Kuhar, T. P., Schultz, P. B., Leslie, T. W., Fleischer, S. J., Dively, G. P., and Whalen, J. (2009). Integrating Chemical and Biological Control of European Corn Borer in Bell Pepper. *J. Econ. Entomol.* 102: 287-295.

EcoReference No.: 152981

Chemical of Concern: ACP,IDC,LCYT,MFZ,SS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,LCYT), NO EFED CHEM (IDC,SS), OK (MFZ).

Chari, M. S., Patel, A. R., and Bharpoda, T. M. (1987). Bio-Efficacy of Some New Insecticides Against Okra Fruit Borer (*Earias vittella* F.). *Pesticides* 21: 43-45.

EcoReference No.: 153449

Chemical of Concern: ACP,ACYP,ADC,AMZ,FPP,FVL,FYT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,ACYP,ADC,AMZ,FPP,FVL,FYT), NO EFED CHEM (ACYP,FYT).

Chen, J. (2006). Digging Behavior of *Solenopsis invicta* Workers when Exposed to Contact Insecticides. *J.Econ.Entomol.* 99: 634-640.

EcoReference No.: 99827

Chemical of Concern: ACP,CBL,CYF,DM,LCYT,PMR; Habitat: T; Effect Codes: MOR,BEH; Code: LITE EVAL CODED(PMR,ACP),OK(CBL,CYF).

Childers, C. C. and Nigg, H. N. (1982). Contact Toxicity of Insecticides to Adults of the Coffee Bean Weevil (Coleoptera: Anthribidae). *J. Econ. Entomol.* 75: 556-559.

EcoReference No.: 107388

Chemical of Concern:

ACP,AMZ,AND,AZ,BDC,CPY,DZ,ES,ETN,FNV,FVL,IFP,MDT,MLN,MOM,NTZ,OML,PHSL,PMR,PS M,SPS,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CPY,ES,FNV,PMR), NO EFED CHEM (AND,BDC,ETN,IFP,PHSL,SPS), TARGET (AMZ,AZ,DZ,FVL,MDT,MLN,MOM,NTZ,OML,PSM,TCF).

Chin, Y. N. and Sudderuddin, K. I. (1979). Effect of Methamidophos on the Growth Rate and Esterase Activity of the Common Carp *Cyprinus carpio* L. *Environ. Pollut.* 18: 213, 220 (doi: 10.1016/0013-9327(79)90103-4).

EcoReference No.: 5597

Chemical of Concern: CBL,DQT,DQTBr,HCCH,MTM,PPCP; Habitat: A; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (CBL,MTM), NO CONTROL (DQT,DQTBr), NO EFED CHEM (HCCH,PPCP), NO ENDPOINT (DQT).

Chu, C. C., Henneberry, T. J., and Akey, D. H. (1994). Insecticide Control of Sweetpotato Whitefly on Cotton, 1992. *Arthropod Manag.Tests* 19: 221 (61F).

EcoReference No.: 97788

Chemical of Concern: AMZ,FPP,ES,FYC,BFT,AZD,FSTAl,ADC,ACP,IMC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(FSTAl,AZD,ACP,IMC),EFFICACY(BFT,FYC,ADC).

Clark, D. R. Jr. and Rattner, B. A. (1987). Orthene Toxicity to Little Brown Bats (*Myotis lucifugus*): Acetylcholinesterase Inhibition, Coordination Loss, and Mortality. *Environ.Toxicol.Chem.* 6: 705-708.

EcoReference No.: 39704

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

Clough, G. H., Rondon, S., DeBano, S. J., David, N., and Hamm, P. B. (2010). Reducing Tuber Damage by Potato Tuberworm (Lepidoptera: Gelechiidae) with Cultural Practices and Insecticides. *J. Econ. Entomol.* 103: 1306-1311.

EcoReference No.: 152982

Chemical of Concern: DQTBr,EFV,GFSNH,IDC,MOM,MTM,SAMA; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (EFV,MOM,MTM), NO EFED CHEM (IDC), OK (DQTBr,GFSNH,SAMA), TARGET (EFV).

Cordero, R. J., Bloomquist, J. R., and Kuhar, T. P. (2007). Susceptibility of Two Diamondback Moth Parasitoids, *Diadegma insulare* (Cresson) (Hymenoptera; Ichneumonidae) and *Oomyzus sokolowskii* (Kurdjumov) (Hymenoptera; Eulophidae), to Selected Commercial Insecticides. *Biol.Control* 42: 48-54.

EcoReference No.: 102590

Chemical of Concern: IDC,SS,ACT,MOM,EFV,ACP,MFZ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACP),OK(MOM,EFV,MFZ).

Cowles, R. and Cowles, R. S. (1996). Vine Weevil Adulticides. In: *D.V.Alford and G.F.Backhaus (Eds.), Mitteilungen aus der Biologischen Bundesanstalt Fuer Land- und Forstwirtschaft Berlin-Dahlem, Heft 316* 113-117.

EcoReference No.: 153359

Chemical of Concern: ACP,BFT,CFP,CYT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), TARGET (BFT,CFP,CYT).

Datta, S., Dhar, P., Mukherjee, A., and Ghosh, S. (2010). Influence of Polyphenolic Extracts from *Enydra fluctuans* on Oxidative Stress Induced by Acephate in Rats. *Food Chem. Toxicol.* 48: 2766-2771.

EcoReference No.: 152984

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

Davies, P. E., Cook, L. S. J., and Goenarso, D. (1994). Sublethal Responses to Pesticides of Several Species of Australian Freshwater Fish and Crustaceans and Rainbow Trout. *Environ.Toxicol.Chem.* 13: 1341-1354 (OECDG Data File).

EcoReference No.: 4442

Chemical of Concern: ACP,ATZ,CTN,CYP,FNT; Habitat: A; Effect Codes: MOR,PHY,BCM; Code: LITE EVAL CODED(ACP,ATZ,CYP),OK(ALL CHEMS).

Davies, P. E., Cook, L. S. J., and Goenarso, D. (1994). Sublethal Responses to Pesticides of Several Species of Australian Freshwater Fish and Crustaceans and Rainbow Trout. *Environ.Toxicol.Chem.* 13: 1341-1354 (OECDG Data File).

EcoReference No.: 4442

Chemical of Concern: FNT,CYP,CTN,ATZ,ACP; Habitat: A; Effect Codes: MOR,PHY,BCM; Code: LITE EVAL CODED(ATZ,CYP,ACP,CTN),OK(FNT).

De Castro, V. L., Chiorato, S. H., and Pinto, N. F. (2000). Biological Monitoring of Embryo-Fetal Exposure to Methamidophos or Chlorothalonil on Rat Development. *Vet. Hum. Toxicol.* 42: 361-365.

EcoReference No.: 88391

Chemical of Concern: CTN,MTM; Habitat: T; Effect Codes: GRO; Code: LITE EVAL CODED (CTN,MTM).

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EcoReference No.: 88460

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

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EcoReference No.: 71382

Chemical of Concern: FYC,SS,PCNB,MFX,FTL,FX,AZX,TPM,IPD,DFZ,CLT,ACP,ACM,PBZ; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

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EcoReference No.: 40041

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

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EcoReference No.: 153406

Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,BEH,POP; Code: LITE EVAL CODED (MTM).

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EcoReference No.: 69987

Chemical of Concern: ACP,BMC,Captan,DEM,Folpet,MP,SZ,TCF; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED (ACP), NO EFED CHEM (DEM), OK (BMC,Captan,Folpet,MP,TCF), TARGET (SZ).

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EcoReference No.: 69987

Chemical of Concern: Folpet,Captan,ACP,DEM,MP,TCF,BCM,SZ; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED(ACP).

Dix, M. E. (1985). Effectiveness of Carbaryl and Acephate in Reducing Damage by *Petrova metallica* (Busck) (Lepidoptera: Tortricidae) in Ponderosa Pine Windbreaks. *U.S.D.A. Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO* 4 p.

EcoReference No.: 153324

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

Duangasawasdi, M. (1977). Organophosphate Insecticide Toxicity in Rainbow Trout (*Salmo gairdneri*). Effects of Temperature and Investigations on the Sites of Action. *Ph.D.Thesis, University of Manitoba, Manitoba, Canada* 138 p.

EcoReference No.: 7317

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

Duangasawadi, M. (1977). Organophosphate Insecticide Toxicity in Rainbow Trout (*Salmo gairdneri*). Effects of Temperature and Investigations on the Sites of Action. *Ph.D.Thesis, University of Manitoba, Manitoba, Canada:138 p.; Diss.Abst.Int.B Sci.Eng.38(11):5228 (1978).*

EcoReference No.: 7317

Chemical of Concern: ACP,FNT; Habitat: A; Effect Codes: BCM,MOR,GRO,PHY; Code: LITE EVAL CODED(ACP),OK(FNT).

Duangasawadi, M. and Klaverkamp, J. F. (1979). Acephate and Fenitrothion Toxicity in Rainbow Trout: Effects of Temperature Stress and Investigations on the Sites of Action. *In: L.L.Marking and R.A.Kimerle (Eds.), Aquatic Toxicology and Hazard Assessment, 2nd Symposium, ASTM STP 667, Philadelphia, PA 35-51.*

EcoReference No.: 404

Chemical of Concern: FNT,ACP; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(ACP),OK(FNP).

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EcoReference No.: 82472

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

Echtenkamp, G. W. and Hunt, T. E. (2006). Control of Soybean Aphid in Soybeans, 2005. *Arthropod Manag. Tests* 31: 2 p. (F33).

EcoReference No.: 110060

Chemical of Concern: ACP,BFT,CPY,CYF,CYP,DM,EFV,IMC,LCYT,MOM,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,BFT,CPY,CYF,CYP,DM,EFV,IMC,LCYT,MOM), NO EFED CHEM (TMX).

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EcoReference No.: 92701

Chemical of Concern: CPY,CYF,CYP,DM,EN,FNT,FNV,FPP,MOM,MTM,PFF,PMR,PPB,SPS,TBF; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (CPY,CYP,DM,FNT,FNV,FPP,MOM,MTM,PFF,PMR), NO EFED CHEM (EN,SPS), NO ENDPOINT (TBF), NO MIXTURE (PPB), OK (CYF).

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EcoReference No.: 153365

Chemical of Concern: CPY,CYF,CYP,FNV,MOM,MTM,PFF,TDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MTM), OK (CPY,FNV), TARGET (CYF,CYP,MOM,PFF,TDC).

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EcoReference No.: 153327

Chemical of Concern: CPY,DDT,EN,MOM,MTM,PFF,SPS; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MTM), NO EFED CHEM (DDT,EN,SPS), OK (CPY), TARGET (MOM,PFF).

El-Zalabani, I. M., Soliman, A. A., Osman, A. I., Wagih, I. M., and Bassiouni, B. A. (1979). Effect of Organophosphorus Insecticides on Pregnant Rabbits. *Bull. Alexandria Fac. Med.* 15: 113-118.

EcoReference No.: 88599

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

Eliason, E. A. and Potter, D. A. (2000). Impact of Whole-Canopy and Systemic Insecticidal Treatments on *Callirhytis cornigera* (Hymenoptera: Cynipidae) and Associated Parasitoids on Pin Oak. *J. Econ. Entomol.* 93: 165-171.

EcoReference No.: 87491

Chemical of Concern: ABM,ACP,BFT,CPY,DCTP,DMT,IMC; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (ABM,ACP,BFT,CPY,DCTP,DMT,IMC).

Eliason, E. A. and Potter, D. A. (2000). Impact of Whole-Canopy and Systemic Insecticidal Treatments on *Callirhytis cornigera* (Hymenoptera: Cynipidae) and Associated Parasitoids on Pin Oak. *J.Econ.Entomol.* 93: 165-171.

EcoReference No.: 87491

Chemical of Concern: ACP,DCTP,IMC,DMT,ABM,CPY,BFT; Habitat: T; Effect Codes: MOR,POP,PHY; Code: LITE EVAL CODED(ACP,DCTP,IMC,DMT,CPY).

Elzen, G. W., O'Brien, P. J., Snodgrass, G. L., and Powell, J. E. (1987). Susceptibility of the Parasitoid *Microplitis croceipes* (Hymenoptera: Braconidae) to Field Rates of Selected Cotton Insecticides. *Entomophaga* 32: 545-550.

EcoReference No.: 109651

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

Elzen, G. W., Rojas, M. G., Elzen, P. J., King, E. G., and Barcenas, N. M. (1999). Toxicological Responses of the Boll Weevil (Coleoptera: Curculionidae) Ectoparasitoid *Catolaccus grandis* (Hymenoptera: Pteromalidae) to Selected Insecticides. *J.Econ.Entomol.* 92: 309-313.

EcoReference No.: 63851

Chemical of Concern: DMT,ES,OML,ACP,MLN,AZ,CYF,MP,SS,FPN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DMT,ES,OML,MLN,AZ,FPN,CYF,SS,ACP).

Erickson, E. H. Jr., Erickson, B. J., and Wyman, J. A. (1994). Effects on Honey Bees of Insecticides Applied to Snap Beans in Wisconsin: Chemical and Biotic Factors. *J.Econ.Entomol.* 87: 596-600.

EcoReference No.: 91613

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

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

EcoReference No.: 99620

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

Farag, A. T., Eweidah, M. H., and El-Okazy, A. M. (2000). Reproductive Toxicology of Acephate in Male Mice. *Reprod.Toxicol.* 14: 457-462.

EcoReference No.: 87471
Chemical of Concern: ACP; Habitat: T; Effect Codes: GRO,CEL,PHY,REP,MOR; Code: LITE EVAL
CODED(ACP).

Farag, A. T., Eweidah, M. H., Tayel, S. M., and El-Sebae, A. H. (2000). Developmental Toxicity of Acephate by Gavage in Mice. *Reprod.Toxicol.* 14: 241-245.

EcoReference No.: 87472
Chemical of Concern: ACP; Habitat: T; Effect Codes: BEH,GRO,REP,MOR; Code: LITE EVAL
CODED(ACP).

Felland, C. M., Pitre, H. N., Luttrell, R. G., and Hamer, J. L. (1990). Resistance to Pyrethroid Insecticides in Soybean Looper (Lepidoptera: Noctuidae) in Mississippi. *J. Econ. Entomol.* 83: 35-40.

EcoReference No.: 112256
Chemical of Concern: ACP,CYP,FNV,MOM,MP,PMR; Habitat: T; Effect Codes: MOR,POP; Code:
LITE EVAL CODED (ACP,PMR), OK (FNV), TARGET (CYP,MOM,MP).

Fiedler, L. (1987). Assessment of Chronic Toxicity of Selected Insecticides to Honeybees. *J. Apic. Res.* 26: 115-122.

EcoReference No.: 79198
Chemical of Concern: ACP,DMT,EPRN,MP,MPO,MTM,OMT,PRN; Habitat: T; Effect Codes:
BEH,MOR; Code: LITE EVAL CODED (ACP,DMT,MP,MPO,MTM,OMT), NO EFED CHEM
(EPRN,PRN).

Fiedler, L. (1988). Assessment of Chronic Toxicity of Selected Insecticides to Honeybees. *J.Apic.Res.* 26: 115-122.

EcoReference No.: 79198
Chemical of Concern: ACP,OMT,DMT,MTM,MP,EPRN,MPO; Habitat: T; Effect Codes: MOR,BEH;
Code: LITE EVAL CODED(MP,MPO,DMT,OMT,ACP,MTM),OK(EPRN),NO COC(ACE).

Flanders, R. V., Bledsoe, L. W., and Edwards, C. R. (1984). Effects of Insecticides on *Pediobius foveolatus* (Hymenoptera: Eulophidae), a Parasitoid of the Mexican Bean Beetle (Coleoptera: Coccinellidae). *Environ.Entomol.* 13: 902-906.

EcoReference No.: 89574
Chemical of Concern: ACP,CBL,DMT,MP,MOM; Habitat: T; Effect Codes: MOR,REP,GRO; Code:
LITE EVAL CODED(MOM,DMT,MP,MOM,ACP),OK(CBL).

Flood, B. R. (1986). European Corn Borer Control in Snap Beans, 1985. *Insectic. Acaric. Tests* 11: 106-107 (137).

EcoReference No.: 87889
Chemical of Concern: ACP,CBL,CYF,FNV,FYT,MOM,PMR,TDC; Habitat: T; Effect Codes: POP;
Code: LITE EVAL CODED (ACP,FNV,PMR), NO EFED CHEM (FYT), NO MIXTURE (CBL,MOM),
TARGET (CBL,CYF,MOM,TDC).

Foster, R. E. and Buhler, W. G. (1996). Control of Insects on Bell Pepper, 1995. *Arthropod Manag. Tests* 21: 132-(69E).

EcoReference No.: 121275

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

Foster, R. E. and Buhler, W. G. (1997). Control of Insects on Bell Pepper, 1996. *Arthropod Manag. Tests* 22: 148- (76E).

EcoReference No.: 121274

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

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EcoReference No.: 153444

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

Franzmann, B. A. and Rossiter, P. D. (1981). Toxicity of Insecticides to *Trioxys complanatus* quilis (Hymenoptera: Braconidae) in Lucerne. *J.Aust.Entomol.Soc.* 20: 313-315.

EcoReference No.: 36687

Chemical of Concern: CBL,CPY,DMT,ES,MDT,DEM,PPHD,PlM,TCF,ACP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DMT,CPY,MDT,ACP,ES,TCF).

Fry, H. R., Ryall, K. L., Dixon, P. L., and Quiring, D. T. (2008). Suppression of *Ennomos subsignaria* (Lepidoptera: Geometridae) on *Acer pseudoplatanus* (Aceraceae) in an Urban Forest with Bole-Implanted Acephate. *J. Econ. Entomol.* 101: 822-828.

EcoReference No.: 152974

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

Fulton, M. H. (1990). The Effects of Certain Intrinsic and Extrinsic Variables on the Lethal and Sublethal Toxicity of Selected Organophosphorus Insecticides in the Mummichog, *Fundulus heteroclitus* Under Laboratory and Field Conditions. *Ph.D.Thesis, University of South Carolina, Columbia, SC* 198 p. (UMI#9005107).

EcoReference No.: 5415

Chemical of Concern: ACP,AZ,ES,FNV; Habitat: A; Effect Codes: ACC,BCM,MOR; Code: LITE EVAL CODED (ACP,AZ,ES), NO PUBL AS (FNV).

Fulton, M. H. and Scott, G. I. (1991). The Effect of Certain Intrinsic and Extrinsic Variables on the Acute Toxicity of Selected Organophosphorus Insecticides to the Mummichog, *Fundulus heteroclitus*. *J.Environ.Sci.Health* B26(5/6): 459-478.

EcoReference No.: 6924

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

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EcoReference No.: 87131

Chemical of Concern: ACP,ADC,PRT,DS; Habitat: T; Effect Codes: POP; Code: LITE EVAL

CODED(ACP, ADC),OK(ALL CHEMS).

Garcia-de la Parra, L. M., Bautista-Covarrubias, J. C., Rivera-de la Rosa, N., Betancourt-Lozano, M., and Guilhermino, L. (2006). Effects of Methamidophos on Acetylcholinesterase Activity, Behavior, and Feeding Rate of the White Shrimp (*Litopenaeus vannamei*). *Ecotoxicol. Environ. Saf.* 65: 372-380.

EcoReference No.: 88461

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

Garcia-Santos, G. and Keller-Forrer, K. (2011). Avoidance Behaviour of *Eisenia fetida* to Carbofuran, Chlorpyrifos, Mancozeb and Metamidophos in Natural Soils from the Highlands of Colombia. *Chemosphere* 84: 651-656.

EcoReference No.: 152985

Chemical of Concern: CBF,CPY,MTM,MZB; Habitat: T; Effect Codes: BEH; Code: LITE EVAL CODED (CBF,CPY,MTM,MZB).

Geen, G. H., Hussain, M. A., Oloffs, P. C., and McKeown, B. A. (1981). Fate and Toxicity of Acephate (Orthene) Added to a Coastal B. C. Stream. *J.Environ.Sci.Health* B16: 253-271.

EcoReference No.: 15677

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

Geen, G. H., McKeown, B. A., and Oloffs, P. C. (1984). Acephate in Rainbow Trout (*Salmo gairdneri*): Acute Toxicity, Uptake, Elimination. *J.Environ.Sci.Health Part B* 19: 131-155.

EcoReference No.: 11133

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

Geen, G. H., McKeown, B. A., Watson, T. A., and Parker, D. B. (1984). Effects of Acephate (Orthene) on Development and Survival of the Salamander, *Ambystoma gracile* (Baird). *J.Environ.Sci.Health* B19: 157-170.

EcoReference No.: 11134

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

Graham, L. C. and Gaylor, M. J. (1986). Chemical Control of Thrips, 1985. *Insectic.Acaric.Tests* 11: 275-276 (357).

EcoReference No.: 88765

Chemical of Concern: ADC,DS,ACP,LCYT,CBL,DCTP,FVL; Habitat: T; Effect Codes: POP,GRO; Code: LITE EVAL CODED(DS,DCTP,ACP),TARGET(CBL),OK(ADC,FVL,LCYT).

Gunning, R. V., Moores, G. D., and Devonshire, A. L. (1999). Esterase Inhibitors Synergise the Toxicity of Pyrethroids in Australian *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae). *Pestic. Biochem. Physiol.* 63: 50-62.

EcoReference No.: 108057

Chemical of Concern: ACP,ACYP,BFT,CPY,CPYO,CYP,DM,EFV,ETN,FNV,FYT,PFF,PMR; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (ACP,CPY,CPYO,EFV,FNV,PMR), NO EFED CHEM (ACYP,ETN,FYT), TARGET (BFT,CYP,DM,PFF).

Gupta, G. P. and Agarwal, R. A. (1985). Effect of Insecticides for the Control of Bollworms in Relation to Phenological Characters in Cotton. *Pesticides* 19: 58-60.

EcoReference No.: 153346

Chemical of Concern: ACP,CBL,FNV,MTM,PMR; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (ACP,MTM), OK (CBL,FNV,PMR).

Haile, F. J., Kerns, D. L., Richardson, J. M., and Higley, L. G. (2000). Impact of Insecticides and Surfactant on Lettuce Physiology and Yield. *J. Econ. Entomol.* 93: 788-794.

EcoReference No.: 58575

Chemical of Concern: ACP,CYP,EMMB,ES,MOM,SS; Habitat: T; Effect Codes: GRO,PHY; Code: LITE EVAL CODED (ACP,CYP,MOM), NO EFED CHEM (SS), OK (EMMB,ES).

Hall, R. J. and Kolbe, E. (1980). Bioconcentration of Organophosphorus Pesticides to Hazardous Levels by Amphibians. *J.Toxicol.Environ.Health* 6: 853-860.

EcoReference No.: 6495

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

Hanafy, M. S. M., Arbid, M. S., and Afify, M. M. H. (1991). Biochemical and Histopathological Effects of the Organophosphorus Insecticide (Tamaron) in Rats. *Indian J. Anim. Sci.* 61: 43-47.

EcoReference No.: 88578

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

Haque, A. and Ebing, W. (1983). Toxicity Determination of Pesticides to Earthworms in the Soil Substrate. *J. Plant Dis. Prot.* 90: 395-408 (OECDG Data File).

EcoReference No.: 40493

Chemical of Concern:

ADC,ATZ,BMY,CAP,CBF,CQTC,Captan,ES,Folpet,HCCH,LNR,MDT,MLNR,MTM,NaClO,PAQT,PPC P,PPX,PQT,TBO,TDF; Habitat: T; Effect Codes: BEH,GRO,MOR,POP; Code: LITE EVAL CODED (ADC,ATZ,BMY,CAP,CBF,CQTC,Captan,ES,Folpet,MDT,MLNR,MTM,PAQT,PPX,TBO), NO EFED CHEM (HCCH,NaClO,PPCP), OK (LNR,PQT,TDF).

Hara, A. H. and Mau, R. F. I. (1986). The Orchid Weevil, *Orchidophilus aterrimus* (Waterhouse): Insecticidal Control and Effect on Vanda Orchid Production. *Proc.Hawaii Entomol.Soc.* 26: 71-76.

EcoReference No.: 91617

Chemical of Concern: ACP,CPY,MP,BDC; Habitat: T; Effect Codes: POP,ACC,PHY; Code: LITE EVAL CODED(MP,CPY,ACP).

Harris, C. R., Svec, H. J., Tolman, J. H., and Chapman, R. A. (1983). Laboratory and Field Studies on the Effectiveness and Persistence of Some Insecticides Used to Control the Tomato Hornworm. *Tob. Int.* 185: 178-182.

EcoReference No.: 99406

Chemical of Concern:

ACP,AZ,CBL,CPY,CPYM,CYP,DM,EN,ES,FNV,FPP,MLN,MOM,MTM,MVP,Naled,PMR,PSM,TCF,TVP,TVPM; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED (ACP,AZ,CBL,CPY,CPYM,CYP,DM,ES,FNV,FPP,MLN,MOM,MTM,MVP,Naled,PMR,PSM,TCF,TVP), NO EFED CHEM (EN), OK (TVPM).

Harris, J. P. (1998). Imported Fire Ant Control on Non-Cropland, 1996. *Arthropod Manag.Tests* 23: 312 (2G).

EcoReference No.: 99850

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

Haverty, M. I. and Robertson, J. L. (1982). Laboratory Bioassays for Selecting Candidate Insecticides and Application Rates for Field Tests on the Western Spruce Budworm. *J. Econ. Entomol.* 75: 179-182.

EcoReference No.: 113230

Chemical of Concern: ACP,CBL,FNT,MOM,PMR,SPS,TDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,PMR), NO EFED CHEM (SPS), TARGET (CBL,FNT,MOM,TDC).

He, Y. P., Chen, W. M., Shen, J. L., Gao, C. F., Huang, L. Q., Zhou, W. J., Liu, X. G., and Zhu, Y. C. (2007). Differential Susceptibilities to Pyrethroids in Field Populations of *Chilo suppressalis* (Lepidoptera: Pyralidae). *Pestic. Biochem. Physiol.* 89: 12-19.

EcoReference No.: 109562

Chemical of Concern: ACYP,CYF,CYP,DM,EFV,EFX,FPP,LCYT,MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CYF,CYP,DM,EFV,EFX,FPP,LCYT,MTM), NO EFED CHEM (ACYP).

Hegazi, E. M., El-Gayar, F. H., Rawash, I. A., and Kares, E. A. (1982). Oral and Residual Toxicities of Some Insecticides to the Adults and Full Grown Larvae of Two Parasites of the Cotton Leafworm *Spodoptera littoralis* (Boisd.). *Acta. Phytopathol. Acad. Sci. Hung.* 17: 301-309.

EcoReference No.: 37061

Chemical of Concern: MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MTM).

Heller, P. R. and Kellogg, S. (1987). Summer Control of Japanese Beetle Grubs on a Golf Course Fairway in Oakland Mills, PA, 1986. *Insectic. Acaric. Tests* 12: 323-(387).

EcoReference No.: 88648

Chemical of Concern: ACP,CBL,FPP,TCF; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBL,FPP,TCF).

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: ACP,CBL,EFV,LCYT,PMR,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBL,EFV,LCYT,PMR,TDC).

Herbert, D. A. Jr. (1997). Effects of Selected Seed, Foliar and In-Furrow Applied Insecticides and Planting Date on Thrips Injury, Plant Stand and Yield, 1996. In: C.R.Saxena, *Arthropod Management Tests, Volume 22, Entomol.Soc.of Am., Lanham, MD* 22: 282-283.

EcoReference No.: 78956

Chemical of Concern: PRT,ACP,ADC; Habitat: T; Effect Codes: POP,PHY; Code: LITE EVAL CODED(ACP,ADC,PRT).

Herbert, D. A. Jr. (1997). Effects of Selected Seed, Foliar and In-Furrow Applied Insecticides on Thrips Injury, Plant Stand and Yield, 1996. In: C.R.Saxena, *Arthropod Management Tests, Volume 22, Entomol.Soc.of Am., Lanham, MD* 22: 281.

EcoReference No.: 79448

Chemical of Concern: PRT,ADC,DS,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ADC,ACP,PRT),OK(ALL CHEMS).

Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *Fish and Wildlife Technical Report 2, Fish and Wildlife Service, U.S. Department of the Interior* 147 p.

EcoReference No.: 50181

Chemical of Concern:

24D,24DB,24DXY,ACP,ADC,AMSV,AMTL,AND,ARM,ATN,ATZ,AZ,BMC,BMN,BMY,CBF,CBL,CHD,CMPH,CPY,CPYM,Captan,CdCl,CrS,DBN,DCF,DCTP,DDE,DDT,DDVP,DEM,DFPM,DINO,DLD,DMB,DMDP,DMT,DQTBr,DS,DU,DZ,EN,EP,EPRN,ES,ETN,FMP,FNF,FNT,FNTH,FTTCl,GYPI,HCCH,HPT,HgCl₂,IFP,K₂Cr₂O₇,LNR,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MRX,MSMA,MTAS,MTM,MVP,MXC,Maneb,Nabam,Naled,NiS,OXD,PCB,PCL,PCP,PHSL,PMR,PPB,PPCP,PPHD,PPN,PPX,PQT,PRN,PRT,PSM,PYN,PbN,RSM,RTN,SPS,STAR,SZ,TBO,TCF,TEPP,TFN,THM,TMP,TVMP,TVP,TXP,Zineb,Ziram,ZnP; Habitat : T; Effect Codes: BEH,MOR; Code: LITE EVAL CODED
(24D,24DB,24DXY,ACP,ADC,AMSV,AMTL,ARM,ATN,ATZ,AZ,BMC,BMY,CBF,CBL,CMPH,CPY,CPYM,Captan,DBN,DCF,DCTP,DDVP,DMB,DMDP,DMT,DQTBr,DS,DU,DZ,EP,ES,FMP,FNT,FTTCl,GYPI,LNR,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MTAS,MTM,MVP,Maneb,Naled,OXD,PCP,PMR,PPB,PPN,PPX,PQT,PRT,PSM,RSM,RTN,STAR,SZ,TBO,TCF,TFN,THM,TMP,TVP,Ziram,ZnP), NO EFED CHEM
(AND,BMN,CHD,CdCl,CrS,DDE,DDT,DEM,DFPM,DINO,DLD,EN,EPRN,ETN,FNF,FNTH,HCCH,HPT,HgCl₂,IFP,K₂Cr₂O₇,MRX,MSMA,MXC,Nabam,NiS,PCB,PCL,PHSL,PPCP,PPHD,PRN,PYN,PbN,SPS,TXP,Zineb).

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

EcoReference No.: 35249

Chemical of Concern:

ACP,CBL,DZ,DMT,EN,HCCH,MLN,MOM,Naled,PRN,PMR,PSM,SPS,TMP,TXP,AMTL,ATZ,BMN,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO; Code: LITE EVAL CODED(ACP,PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),OK(ALL CHEMS except BMN,MCPA-MIXTURE).

Hsieh, C. Y. and Allen, W. W. (1986). Effects of Insecticides on Emergence, Survival, Longevity, and Fecundity of the Parasitoid *Diaeretiella rapae* (Hymenoptera: Aphidiidae) from Mummified *Myzus persicae* (Homoptera: Aphididae). *J. Econ. Entomol.* 79: 1599-1602.

EcoReference No.: 114765

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

Hudson, R. H., Tucker, R. K., and Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resource Publication 153, Fish and Wildlife Service, U.S. Department of the Interior* 90 p. Second Edition//.

EcoReference No.: 50386

Chemical of Concern:

24D,24DXY,4AP,ACL,ACP,ACR,ADC,AMTL,AND,ANZ,ATN,ATZ,AZ,AsO₃Na,BFL,BTY,CBF,CBL,CCA,CHD,CMPH,CPP,CPY,CPYM,CQTC,CZE,Captan,DBN,DCF,DCNA,DCTP,DDT,DDVP,DEM,DFZ,DLD,DMT,DQTBr,DS,DU,DXN,DZ,EDT,EN,EP,EPRN,ES,ETN,FBOX,FMP,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,MCB,MDT,MLN,MOM,MP,MRX,MTM,MTPN,MVP,MXC,NaFA,Nabam,Naled,OXD,PCB,PCL,PCP,PIRM,PNB,PPCP,PPHD,PPX,PQT,PRN,PRT,PSM,PYN,RSM,RTN,STAR,STCH,T1,TBF,TBZ,TCDD,TCF,TFN,THM,TMP,TVPM,TXP,TZL,Zineb,ZnP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED
(24D,24DXY,4AP,ACL,ACP,ACR,ADC,AMTL,ATN,ATZ,AZ,BFL,BTY,CBF,CBL,CMPH,CPP,CPY,CPYM,CQTC,Captan,DBN,DCF,DCNA,DCTP,DDVP,DFZ,DMT,DQTBr,DS,DU,DZ,EP,ES,FBOX,FMP,FNT,Folpet,MCB,MDT,MLN,MOM,MP,MTM,MTPN,MVP,Naled,OXD,PCP,PIRM,PNB,PPX,PQT,PRT,P

SM,RSM,RTN,STAR,STCH,TBF,TBZ,TCF,TFN,THM,TMP,TVPM,ZnP), NO EFED CHEM (AND,ANZ,AsO₃Na,CCA,CHD,CZE,DDT,DEM,DLN,DXN,EDT,EN,EPRN,ETN,FMU,FNF,FNTH,HC CH,HPT,MRX,MXC,NaFA,Nabam,PCB,PCL,PPCP,PPHD,PRN,PYN,TCDD,TXP,TZL,Zineb).

Hudson, R. H., Tucker, R. K., and Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resour.Publ.No.153, Fish Wildl.Serv., 2nd Edition, U.S.D.I., Washington, DC* 90 p.

EcoReference No.: 50386

Chemical of Concern:

ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,BFL,BTY,Captan,CBL,CBF,CHD,CPP,CQT C,CPYM,CMPH,CZE,24D,DCNA,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DFZ,DLN,DMT,D QTB_r,DS,DU,ES,EDT,EN,EP,ETN,FMP,FNT,FNTH,FMU,Folpet,FNF,HPT,PSM,HCCH,MLN,MDT,MC B,MOM,MTM,MTPN,MXC,MP,MVP,MRX,NaFA,NABAM,Naled,OXD,PMA,PNB,PPHD,PPX,PQT,PR N,PCP,PRT,PCL,PSM,PYT,RSM,RTN,STAR,STCH,TCDD,TFM,T1,TMP,TZL,TVP,TZL,THM,TXP,TC F,TFN,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(24D,CPY,DS,PSM,ATZ,DU,MDT,PRT,RTN,EP,DZ,TMP,CMPH,DCTP,TVPM,FMP,MTM,AC P,Naled,DDVP,DMT,AZ),OK(ACP,ADC,ATN,BTY,Captan,CBL,CBF,CPYM,DCF,DFZ,ES,FNT,Folpet, TBF,TCF,MLN,MTPN,MP,OXD,PQT,PCP,RSM,STCH,TEPP,THM,TCF,TFN,ZnP).

Hussain, M. A. (1987). Anticholinesterase Properties of Methamidophos and Acephate in Insects and Mammals. *Bull. Environ. Contam. Toxicol.* 38: 131-138.

EcoReference No.: 88590

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (MTM), NO ENDPOINT (ACP), TARGET (ACP).

Hussain, M. A., Mohamad, R. B., and Oloffs, P. C. (1985). Studies on the Toxicity, Metabolism, and Anticholinesterase Properties of Acephate and Methamidophos. *J.Environ.Sci.Health* 20B: 129-147.

EcoReference No.: 37219

Chemical of Concern: ACP,MTM; Habitat: AT; Effect Codes: MOR,BCM; Code: LITE EVAL CODED(ACP,ADC),OK(MTM).

Hussain, M. A., Mohamad, R. B., and Oloffs, P. C. (1984). Toxicity and Metabolism of Acephate in Adult and Larval Insects. *J.Environ.Sci.Health* B19: 355-377.

EcoReference No.: 11371

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

Hydorn, S. B., Rabeni, C. F., and Jennings, D. T. (1979). Effect of Forest Spraying with Acephate Insecticide on Consumption of Spiders by Brook Trout (*Salvelinus fontinalis*). *Can. Entomol.* 111: 1185-1192.

EcoReference No.: 103454

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

Iqbal, J., Khan, I. A., and Saljoki, A. R. (1997). Control of Tobacco Cutworm, *Agrotis ipsilon* Hufn. (Noctuidae; Lepidoptera) with Synthetic Pyrethroids and Organophosphate Insecticides. *Sarhad J. Agric.* 13: 485-487.

EcoReference No.: 153323

Chemical of Concern: CYF,CYP,DM,ES,MP,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CYF,CYP,DM,ES,MP,MTM).

Ishibashi, N. and Takii, S. (1993). Effects of Insecticides on Movement, Nictation, and Infectivity of *Steinernema carpocapsae*. *J.Nematol.* 25: 204-213.

EcoReference No.: 87845

Chemical of Concern: ACP,DDVP,OML,PMR,MOM; Habitat: T; Effect Codes: BEH,MOR,PHY; Code: LITE EVAL CODED(MOM,PMR,ACP,DDVP),TARGET(OML).

Jagdale, G. B. and Grewal, P. S. (2002). Identification of Alternatives for the Management of Foliar Nematodes in Floriculture. *Pest Manag.Sci.* 58: 451-458.

EcoReference No.: 75893

Chemical of Concern: AZD,DZ,TCF,IMC,MCB,IFP,ACP,OML; Habitat: T; Effect Codes: POP,MOR; Code: LITE EVAL CODED(ACP,DZ),OK(ALL CHEMS).

Jansson, R. K. and Lecrone, S. H. (1988). Potential of Teflubenzuron for Diamondback Moth (Lepidoptera plutellidae) Management on Cabbage in Southern Florida. *Fla. Entomol.* 71: 605-615.

EcoReference No.: 153095

Chemical of Concern: FNV,MOM,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (FNV,MTM), NO MIXTURE (MOM).

Jena, G. B. and Bhunya, S. P. (1994). Mutagenicity of an Organophosphate Insecticide Acephate - an In Vivo Study in Chicks. *Mutagenesis* 9: 319-324.

EcoReference No.: 87470

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

Jett, D. A., Nichols, J. D., and Hines, J. E. (1986). Effect of Orthene on an Unconfined Population of the Meadow Vole (*Microtus pennsylvanicus*). *Can.J.Zool.* 64: 243-250.

EcoReference No.: 87457

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

Johnson, G. D., Palmer, D. A., Krueger, H. O., and Fischer, D. L. (1993). Stability of Residues and Brain Cholinesterase Activity in Carcasses of Northern Bobwhite Exposed to Three Organophosphate Insecticides. *Environ. Toxicol. Chem.* 12: 673-676.

EcoReference No.: 153278

Chemical of Concern: AZ,MTM,SPS; Habitat: T; Effect Codes: ACC,BCM; Code: LITE EVAL CODED (AZ,MTM), NO EFED CHEM (SPS).

Johnson, K. (1985). Seasonal Occurrence and Insecticidal Suppression of *Eoreuma loftini* Lepidoptera pyralidae in Sugarcane. *J. Econ. Entomol.* 78: 960-966.

EcoReference No.: 111999

Chemical of Concern: ACP,AZ,CBF,CBL,CPY,CYF,DZ,FNF,FNV,MOM,PMR,TDC; Habitat: T; Effect Codes: GRO,PHY,POP; Code: LITE EVAL CODED (ACP,CPY,FNV,MOM,PMR), NO EFED CHEM (FNF), TARGET (AZ,CBF,CBL,CYF,DZ,TDC).

Jordan, D. L., Frans, R. E., and McClelland, M. R. (1993). DPX-PE350 does not Interact with Early-Season Insecticides in Cotton (*Gossypium hirsutum*). *Weed Technol.* 7: 92-96.

EcoReference No.: 74702

Chemical of Concern: PRT,ACP,ADC,DMT,DS,PTBNa; Habitat: T; Effect Codes: PHY,GRO,POP; Code: LITE EVAL CODED(ACP,ADC,CBL),NO MIXTURE(DS,PRT,PTBNa),OK(DMT).

Joshi, A. K. R. and Rajini, P. S. (2009). Reversible Hyperglycemia in Rats Following Acute Exposure to Acephate, an Organophosphorus Insecticide: Role of Gluconeogenesis. *Toxicology* 257: 40-45.

EcoReference No.: 115974

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

Juarez, L. M. and Sanchez, J. (1989). Toxicity of the Organophosphorous Insecticide Metamidophos (O,S-Dimethyl Phosphoramidothioate) to Larvae of the Freshwater Prawn *Macrobrachium rosenbergii* (De Man) and the Blue Shrimp *Penaeus stylirostris* Stimpson. *Bull. Environ. Contam. Toxicol.* 43: 302-309.

EcoReference No.: 784

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

Julin, A. M. and Gramlich, F. J. (1978). Effects of Orthene on Songbird Brain Cholinesterase in Maine, 1977. *For.Insect and Disease Management Evaluation Rep., U.S.Dep.of Agric., Broomal, PA* 5 p.

EcoReference No.: 103024

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

Jusoh, M. M. (1998). Control of Leaf-Miners and Other Leaf-Feeders Infesting Angsana and Pongamia Trees of Malaysia Via Trunk Injection. *J. Trop. Agric. Food Sci.* 26: 159-164.

EcoReference No.: 153299

Chemical of Concern: ACP,DMT,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,DMT,MTM).

Karabay, N. U. and Oguz, M. G. (2005). Cytogenetic and Genotoxic Effects of the Insecticides, Imidacloprid and Methamidophos. *Genet. Mol. Res.* 4: 653-662.

EcoReference No.: 88579

Chemical of Concern: IMC,MTM; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED (IMC,MTM).

Karimullah and Ahmad, S. (1988). Chemical Control of Citrus Leaf Miner on Citrus. *Pak. J. Agric. Res.* 9: 271-273.

EcoReference No.: 153445

Chemical of Concern: DMT,MTM,PPHD; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTM), NO EFED CHEM (PPHD), TARGET (DMT).

Kashyap, N. P., Sharma, D. C., Bhagat, R. M., and Suri, S. M. (1994). Bioefficacy of Insecticides Against Potato Tuber Moth. *J. Indian Potato Assoc.* 20: 179-181.

EcoReference No.: 153355

Chemical of Concern: CBL,CYP,DM,FNT,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTM), OK (CBL,CYP,DM,FNT).

Kay, I. R. and Brown, J. D. (1992). Insecticidal Control of Eggfruit Caterpillar *Sceliodes cordalis* (Doubleday) (Lepidoptera: Pyralidae) in Eggplant. *Plant Prot. Q.* 7: 178-179.

EcoReference No.: 153343

Chemical of Concern: DZ,EFV,ES,FNTH,FVL,MDT,MOM,MTM,MVP,SPS,TDC; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (DZ,EFV,ES,FVL,MDT,MOM,MTM,MVP,TDC), NO EFED CHEM (FNTH,SPS).

Ke, L. X., Xi, Y. L., Zha, C. W., and Chu, Z. X. (2009). Effects of Methamidophos and Acephate on Experimental

Population Dynamics of Rotifer *Brachionus calyciflorus*. *Shuisheng Shengwu Xuebao* 33: 189-194.

EcoReference No.: 151140

Chemical of Concern: ACP,MTM; Habitat: A; Effect Codes: REP; Code: LITE EVAL CODED (ACP,MTM).

Khajuria, D. R. and Sharma, J. P. (1995). Efficacy of Insecticides in Controlling Pea Leafminer (*Chromatomyia horticola*) on Seed Crop of Pea (*Pisum sativum*). *Indian J. Agric. Sci.* 65: 381-384.

EcoReference No.: 89295

Chemical of Concern: ACP,CPY,CYP,DDVP,DMT,FNT,MLN,MP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CPY,MP), OK (CYP,DDVP,DMT,FNT,MLN).

Khan, M. F. R. and Griffin, R. P. (1999). Efficacy of Insecticides at Controlling Insect Pests of Tomato in South Carolina. *J. Agric. Urban Entomol.* 16: 165-170.

EcoReference No.: 153329

Chemical of Concern: CFP,CYF,DM,EFV,FPP,IMC,LCYT,MTM,PMZ,PYX,TLM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTM), NO EFED CHEM (PMZ), NO MIXTURE (FPP), OK (EFV), TARGET (CFP,CYF,DM,FPP,IMC,LCYT,PYX,TLM).

Klaverkamp, J. F., Hobden, B. R., and Harrison, S. E. (1975). Acute Lethality and In Vitro Brain Cholinesterase Inhibition of Acephate and Fenitrothion in Rainbow Trout. *Proc.West.Pharmacol.Soc.* 18: 358-361.

EcoReference No.: 5516

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

Klingeman, W. E., Buntin, G. D., Van Iersel, M. W., and Braman, S. K. (2000). Whole-Plant Gas Exchange, not Individual-Leaf Measurements, Accurately Assesses Azalea Response to Insecticides. *Crop Prot.* 19: 407-415.

EcoReference No.: 64755

Chemical of Concern: ACP,CBL,CPY,AZD,IMC; Habitat: T; Effect Codes: PHY,GRO; Code: LITE EVAL CODED(ACP),OK TARGET(CBL).

Krishnakumar, N. K., Srinivasan, K., Suman, C. L., and Ramachander, P. R. (1986). Optimum Control Strategy of Cabbage Pests from a Chemical Control Trial. *Prog. Hortic.* 18: 104-110.

EcoReference No.: 121388

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

Kucharz, E. J., Kita, K., Knappek, R., Olczyk, K., and Jonderko, G. (1992). Influence of Long-Term Treatment with Methamidophos Upon the Cutaneous Connective Tissue of Rats. *Rev. Roum Biochim.* 29: 133-137.

EcoReference No.: 89522

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

Kumar, K. and Chapman, R. B. (1983). Toxicity of Insecticides to Diamondback Moth *Plutella xylostella* (L.). *N. Z. J. Exp. Agric.* 11: 77-81.

EcoReference No.: 121364

Chemical of Concern: CBL,FNV,MTM,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBL,FNV,MTM,PMR).

Kumar, S. (2003). Acetylcholinesterase Activity in Rat Brain Regions Following Acephate Exposure for 4, 14 and 60 Days. *Toxicol. Environ. Chem.* 84: 69-77.

EcoReference No.: 86930

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

Kumar, S. (2004). Changes in Rat Brain Regions Serotonergic System Following Acephate Poisoning. *Pestic. Biochem. Physiol.* 78 : 140-150.

EcoReference No.: 73655

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

Kumar, T. P. and Nair, M. R. G. (1988). Insecticidal Control of Damage to Black Pepper Spikes by *Longitarsus nigripennis* Mots. *Pesticides* 22: 18.

EcoReference No.: 153344

Chemical of Concern: DMT, ES, IFP, MP, MTM, PPHD; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DMT, ES, IFP, MP, MTM, PPHD), NO EFED CHEM (IFP, PPHD).

Labanowska, B. H. (1994). Effectiveness of Chemical Control of Strawberry Weevil (*Otiorrhynchus* spp.) in Strawberry Plantations. *J. Fruit Ornam. Plant Res.* 2: 157-164.

EcoReference No.: 153284

Chemical of Concern: CBF, CPY, DZ, FNF, MOM, MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DZ, MTM), NO EFED CHEM (FNF), OK (CPY), TARGET (CBF, MOM).

Lagnaoui, A. and Radcliffe, E. B. (1991). Foliar Sprays for Control of Colorado Potato Beetle in the Red River Valley of Minnesota and North Dakota, 1990. *Insectic. Acaric. Tests* 16: 92-93 (58E).

EcoReference No.: 121365

Chemical of Concern: AZ, CBF, CBL, CYT, EFV, ES, MTM, OML, PMR, PPHD, PSM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (EFV, MTM, PMR), NO EFED CHEM (PPHD), OK (ES), TARGET (AZ, CBF, CBL, CYT, OML, PSM).

Lal, S. S. and Yadava, C. P. (1988). Efficacy of Certain Insecticides Against Pod Borers Infesting Pigeonpea. *Pesticides* 22: 30-35.

EcoReference No.: 153342

Chemical of Concern:

AND, CBF, CPY, CYP, DM, DMT, DS, ES, ETN, FNT, FNV, HCCH, IFP, MLN, MP, MTM, PHSL, PPCP, PPHD, PRT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTM), NO EFED CHEM (AND, ETN, HCCH, IFP, PHSL, PPCP, PPHD), OK (CBF, CPY, CYP, DM, DMT, DS, ES, FNT, FNV, MLN, MP, PRT).

Larson, L. L. (1976). The Selective Toxicity of Orthene. *Ph.D Thesis, Univ. of Calif., Riverside, CA* 296 p. (UMI Order No. 76-12-654).

EcoReference No.: 88764

Chemical of Concern: ACP, MTM; Habitat: T; Effect Codes: MOR, REP, GRO, PHY, BCM; Code: LITE EVAL CODED (ACP), TARGET (MTM).

Layton, B. and Hamer, J. (1993). Control of Soybean Looper in Mississippi, 1992. *Insectic. Acaric. Tests* 18: 269- (107F).

EcoReference No.: 121397

Chemical of Concern: ACP, MOM, PMR, TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL

CODED (ACP,MOM,PMR,TDC).

Li, X., Zhang, H., Wu, M., Zhang, Y., and Zhang, C. (2008). Effect of Methamidophos on Soil Fungi Community in Microcosms by Plate Count, DGGE and Clone Library Analysis. *J. Environ. Sci.* 20: 619-625.

EcoReference No.: 152976

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

Liang, J. and Zhou, Q. (2003). Single and Binary-Combined Toxicity of Methamidophos, Acetochlor and Copper Acting on Earthworms *Eisenia foetida*. *Bull. Environ. Contam. Toxicol.* 71: 1158-1166.

EcoReference No.: 73641

Chemical of Concern: ACO,Cu,CuS,MTM; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (CuS,MTM), NO EFED CHEM (ACO), OK (Cu).

Lietti, M. M. M., Botto, E., and Alzogaray, R. A. (2005). Insecticide Resistance in Argentine Populations of *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae). *Neotrop. Entomol.* 34: 113-119.

EcoReference No.: 153443

Chemical of Concern: ABM,DM,MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ABM,DM,MTM).

Lima, C. S., Ribeiro-Carvalho, A., Filgueiras, C. C., Manhaes, A. C., Meyer, A., and Abreu-Villaca, Y. (2009). Exposure to Methamidophos at Adulthood Elicits Depressive-like Behavior in Mice. *Neurotoxicology (Little Rock)* 30: 471-478.

EcoReference No.: 152988

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

Lin, K., Zhou, S., Xu, C., and Liu, W. (2006). Enantiomeric Resolution and Biototoxicity of Methamidophos. *J. Agric. Food Chem.* 54 : 8134-8138.

EcoReference No.: 99572

Chemical of Concern: K2Cr2O7,MTM; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (MTM), NO EFED CHEM (K2Cr2O7).

Lin, Y. W., Wu, G., and Miyata, T. (2007). Insecticide Susceptibility of Surviving *Cotesia plutellae* (Hym: Braconidae) and *Diaeretiella rapae* (M'Intosh) (Hym: Aphidiidae) as Affected by Sublethal Insecticide Dosages on Host Insects. *Pest Manag. Sci.* 63: 841-850.

EcoReference No.: 101858

Chemical of Concern: AV,DDVP,MTM; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (MTM), NO CONTROL (DDVP), NO EFED CHEM (AV), NO ENDPOINT (DDVP).

Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.

EcoReference No.: 3296

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

Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.

EcoReference No.: 3296

Chemical of Concern:

EFV,HXZ,GYPI,Maneb,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP,CTN,GYP;

Habitat: A; Effect Codes: MOR; Code: LITE EVAL

CODED(GYP,CTN,Maneb,MZB,CBL,ACP,CBF,MLN,HXZ),NO COC(EFV).

Liu, R., Hong, H., Wang, X., Wang, K., and Wang, C. (2005). The Genotoxic Effects of Benzo[a]pyrene and Methamidophos on Black Porgy Evaluated by Comet Assay. *Chin. J. Oceanol. Limnol.* 23: 455-460.

EcoReference No.: 102521

Chemical of Concern: BAP,MTM; Habitat: A; Effect Codes: CEL; Code: LITE EVAL CODED

(BAP,MTM), NO EFED CHEM (BAP).

Lotti, M., Moretto, A., Bertolazzi, M., Peraica, M., and Fioroni, F. (1995). Organophosphate Polyneuropathy and Neuropathy Target Esterase: Studies with Methamidophos and Its Resolved Optical Isomers. *Arch. Toxicol.* 69: 330-336.

EcoReference No.: 40113

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

Luttrell, R., Bell, M., Reed, J., and Gary, D. (1986). Early Season Insecticide Study, 1985. *Insectic. Acaric. Tests* 11: 287-288 (372).

EcoReference No.: 87882

Chemical of Concern: ABM,ACP,CBL,CYP,DCTP,DMT,LCYT,OML; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (ACP,DCTP,DMT,LCYT), OK (ABM,CBL,CYP,OML).

Lyons, D. B., Buckner, C. H., McLeod, B. B., and Sundaram, K. M. S. (1976). The Effects of Fenitrothion, Matacil and Orthene on Frog Larvae. *Rep.No.CC-X-129, Chem.Control Res.Inst., Environ.Can., Ottawa, Ontario* 86 p.

EcoReference No.: 51716

Chemical of Concern: ACP,FNT; Habitat: A; Effect Codes: BEH,MOR,CEL,PHY,ACC,GRO; Code: LITE EVAL CODED(ACP,FNT).

Lyons, D. B., Helson, B. V., Jones, G. C., and McFarlane, J. W. (1993). Development of a Chemical Control Strategy for the Pine False Webworm, *Acantholyda erythrocephala* (L.) (Hymenoptera: Pamphiliidae). *Can. Entomol.* 125: 499-511.

EcoReference No.: 99803

Chemical of Concern: ACP,CBL,CPY,DMT,DZ,FNT,MLN,MXC,PMR,PPX; Habitat: T; Effect Codes: MOR,POP,REP; Code: LITE EVAL CODED (ACP,CBL,CPY,DZ,MLN,PMR,PPX), NO EFED CHEM (MXC), OK (DMT,FNT).

Macieira, O. J. D. and Hebling-Beraldo, M. J. A. (1989). Laboratory Toxicity of Insecticides to Workers of *Trigona spinipes* (F., 1793) (Hymenoptera, Apidae). *J.Aplic.Res.* 28: 3-6.

EcoReference No.: 51755

Chemical of Concern: PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLD,HPT,ES,CYP,PMR,FNV; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(PRN,DCTP,MLN,ACP,CBL,MOM,HCCH,DLD,CYP,PMR,FNV),OK(HPT,ES).

Magaro, J. J. and Edelson, J. V. (1990). Diamondback Moth (Lepidoptera: Plutellidae) in South Texas: A Technique for Resistance Monitoring in the Field. *J. Econ. Entomol.* 83: 1201-1206.

EcoReference No.: 112255

Chemical of Concern: CBL,EFV,ES,MOM,MP,MTM,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MTM,PMR), OK (EFV,ES), TARGET (CBL,MOM,MP).

Mahajna, M., Quistad, G. B., and Casida, J. E. (1997). Acephate Insecticide Toxicity: Safety Conferred by Inhibition of the Bioactivating Carboxamidase by the Metabolite Methamidophos. *Chem.Res.Toxicol.* 10: 64-69.

EcoReference No.: 74946

Chemical of Concern: DMT,ACP,MTM; Habitat: T; Effect Codes: ACC,PHY,MOR; Code: LITE EVAL CODED(ACP),NO ENDPOINT(DMT),NO MIXTURE(TARGET-MTM).

Maia, L. O., Júnior, W. D., Carvalho, L. S., Jesus, L. R., Paiva, G. D., Araujo, P., Costa, M. F. O., Andersen, M. L., Tufik, S., and Mazaro-Costa, R. (2011). Association of Methamidophos and Sleep Loss on Reproductive Toxicity of Male Mice. *Environ. Toxicol. Pharmacol.* IN PRESS: 1-7.

EcoReference No.: 152989

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

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

EcoReference No.: 70794

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

Mallikarjunappa, S. and Rajagopal, D. (1991). Comparative Efficacy of Insecticides Against Pod Borers Complex of Field Bean Under Field Conditions. *Mysore J. Agric. Sci.* 25: 49-54.

EcoReference No.: 153363

Chemical of Concern: ACP,CPY,DM,EPRN,ES,FNV,NMK,PHSL,PRN; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), NO EFED CHEM (EPRN,PHSL,PRN), OK (CPY,DM,ES,FNV,NMK).

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

EcoReference No.: 62600

Chemical of Concern: ACP,CBD,CBL,CPY,CTN,CYP,Cu,DCF,DDVP,DINO,DM,DMT,ES,FNTH,FNV,FVL,MLN,MOM,MP, MZB,PHSL,PPHD,Zineb; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CBD,CBL,CPY,CTN,CYP,DCF,DDVP,DM,DMT,ES,FNV,FVL,MLN,MP,MZB), NO CONC (MOM), NO EFED CHEM (DINO,FNTH,PHSL,PPHD,Zineb), OK (Cu) .

Mani, M. and Krishnamoorthy, A. (1997). Effects of Different Pesticides upon the Wax Scale Parasitoid, *Anicetus ceylonensis* How. (Hym.: Encyrtidae). *Int.J.Pest Manag.* 43: 123-126.

EcoReference No.: 62599

Chemical of Concern: TPM,Captan,Ziram,DINO,CTN,Zineb,SFR,MZB,CBD,DCF,DDVP,ES,MP,DMT,CPY,ACP,MLN,FNV,P HSL,CYP,CBL,FNTH,DM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(DMT,ACP,MP,DDVP,MLN,ES,DCF,CBD,SFR,Ziram),OK(Captan,CTN,MZB),TARGET(CBL, CYP,FNV,CPY).

Mann, J. E., DuRant, J. A., Turnipseed, S. G., and Sullivan, M. J. (1995). Alternatives to Pyrethroids for Control of

Helicoverpa zea (Boddie) and *Heliothis virescens* (F.) on Cotton in South Carolina. *J. Agric. Entomol.* 12: 127-136.

EcoReference No.: 153335

Chemical of Concern: ACP,AMZ,LCYT,MOM,PFF,SPS,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,LCYT), NO EFED CHEM (SPS), NO MIXTURE (AMZ), OK (MOM,PFF,TDC).

Mansour, S. A. and Hassan, T. M. (1993). Pesticides and Daphnia. 3. An Analytical Bioassay Method, Using *Ceriodaphnia quadrangula*, for Measuring Extremely Low Concentrations of Insecticides in Waters. *Int. J. Toxicol. Occup. Environ. Health* 2: 34-39.

EcoReference No.: 100963

Chemical of Concern: AZ,CBL,CPY,CYF,CYP,DFZ,DM,DMT,FNV,FPP,MLN,MOM,MTM,PFF,PIM; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (AZ,CBL,CPY,CYF,CYP,DFZ,DM,DMT,FNV,FPP,MLN,MOM,MTM,PFF,PIM).

March, G. J., Ornaghi, J. A., Beviacqua, J. E., Giuggia, J., Rago, A., and Lenardon, S. L. (2002). Systemic Insecticides for Control of *Delphacodes kuscheli* and the Mal de Rio Cuarto Virus on Maize. *Int.J.Pest Manag.* 48: 127-132.

EcoReference No.: 71432

Chemical of Concern: IMC,CBF,ACP; Habitat: T; Effect Codes: MOR,PHY,POP; Code: LITE EVAL CODED(IMC,ACP).

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

EcoReference No.: 73698

Chemical of Concern: ABM,ACP,CBL,CPYM,CYF,DMT,IMC,LCYT,MOM,PHSL,RTN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ABM,ACP,CBL,CPYM,CYF,DMT,IMC,LCYT,MOM,RTN), NO EFED CHEM (PHSL).

Martin, W. R. Jr. and Brown, T. M. (1984). The Action of Acephate in *Pseudoplusia includens* (Lepidoptera: Noctuidae) and *Pristhesancus papuensis* (Hemiptera: Reduviidae). *Entomol. Exp. Appl.* 35: 3-10.

EcoReference No.: 153446

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: ACC,BCM,MOR; Code: LITE EVAL CODED (ACP), NO IN VITRO (MTM).

Mayer, D. F., Lunden, J. D., and Kovacs, G. (1997). Susceptibility of Four Bee Species (Hymenoptera: Apoidea) to Field Weathered Insecticide Residues. *J. Entomol. Soc. B. C.* 94: 27-30.

EcoReference No.: 91624

Chemical of Concern: CBF,CYP,DM,FPP,FTT,FTTCl,MDT,MP,MTM,OML,PMR,PRB,PSM,TCF,TDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBF,CYP,DM,FPP,FTTCl,MDT,MP,MTM,OML,PMR,PRB,PSM,TCF,TDC), OK (FTT).

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

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPh,CQTC,C PY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,M

DT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MTAS; Habitat: A; Effect Codes: MOR,PHY; Code: LITE EVAL CODED(ACP,AZ,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,CuS,DOD,NaN3,DMB,RSM,CaPS,MCPB,NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),OK(ALL CHEMS).

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:

ACP,AZ,CBF,CBL,CPY,CYP,DDT,DM,EPRN,FNV,FPP,MOM,MTM,PFF,PMR,PRN,SPS,TVP;

Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CPY,FNV,MTM,PMR), NO EFED CHEM (DDT,EPRN,PRN,SPS), TARGET (AZ,CBF,CBL,CYP,DM,FPP,MOM,PFF,TVP).

McCravy, K. W., Dalusky, M. J., and Berisford, C. W. (2001). Effects of a Broad Spectrum and Biorational Insecticides on Parasitoids of the Nantucket Pine Tip Moth (Lepidoptera: Tortricidae). *J. Econ. Entomol.* 94: 112-115.

EcoReference No.: 59561

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

McIntyre, N. E. (1995). Methamidophos Application Effects on *Pasimachus elongatus* (Coleoptera: Carabidae): an Update. *Environ. Entomol.* 24: 559-563.

EcoReference No.: 153456

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

McLeese, D. W. (1976). Toxicity Studies with Lobster Larvae and Adults and a Freshwater Crayfish in 1975. *Manuscr.Rep.Ser.No.1384, Fish.Res.Board of Can.,Environ.Can., St.Andrews, New Brunswick, Canada* 15 p.

EcoReference No.: 82412

Chemical of Concern: ACP,Cd,Cu,DFZ,FNT,Tl,Zn; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,Cu,DFZ,Zn), NO EFED CHEM (Cd,Tl), NO REVIEW (FNT).

McLeese, D. W. (1976). `Toxicity Studies with Lobster Larvae and Adults and a Freshwater Crayfish in 1975. *Fish.Res.Board of Can.,Environ.Can., St.Andrews, New Brunswick, Can., Manuscr.Rep.Ser.No.1384.*

EcoReference No.: 82412

Chemical of Concern: ACP,FNT,Cu,Zn,Cd,Tl; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

McPherson, R. M., Crowe, B. D., and Bundy, C. S. (1999). Aphid Control on Tobacco and Impact on Budworm Population Densities, 1998. *Arthropod Manag. Tests* 24: 302-303 (F124).

EcoReference No.: 153304

Chemical of Concern: ACP,ES,IMC,PMZ,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,ES,IMC,PMZ,TMX), NO EFED CHEM (PMZ,TMX).

Micinski, S., Fitzpatrick, B. J., and Graves, J. B. (1992). Control of the Bollworm-Tobacco Budworm Complex, 1991. In: A.K.Burditt,Jr.(Ed.), *Insecticide & Acaricide Tests, Entomol.Soc.of Am., Lanham, MD* 17: 237-238.

EcoReference No.: 82242

Chemical of Concern: LCYT,BFT,CYF,CYH,CFP,CYP,PFF,EFV,ACP,TDC,SPS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Mohamad, R. B. and Oloffs, P. C. (1987). Toxicity and Relative Selectivity of Acephate to Target and Non-Target Organisms. *Pertanika* 10: 75-80.

EcoReference No.: 153300

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,MTM).

Mohan, S. and Mishra, S. D. (1993). Management of Meloidogyne incognita Infecting Frenchbean Through Seed Coating with Chemicals. *Indian J.Nematol.* 23: 92-94.

EcoReference No.: 87468

Chemical of Concern: CBF,ACP; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Morse, J. G. and Bellows, T. S. Jr. (1986). Toxicity of Major Citrus Pesticides to Aphytis melinus (Hymenoptera: Aphelinidae) and Cryptolaemus montrouzieri (Coleoptera: Coccinellidae). *J. Econ. Entomol.* 79: 311-314.

EcoReference No.: 69300

Chemical of Concern: ACP,CBL,CPY,DMT,EPRN,FTTCL,MDT,PRN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CBL,CPY,DMT,FTTCL,MDT), NO EFED CHEM (EPRN,PRN).

Moser, V. C. (1999). Comparison of Aldicarb and Methamidophos Neurotoxicity at Different Ages in the Rat: Behavioral and Biochemical Parameters. *Toxicol. Appl. Pharmacol.* 157: 94-106 (Author Communication Used).

EcoReference No.: 86743

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

Moser, V. C., Casey, M., Hamm, A., Carter, W. H. Jr., Simmons, J. E., and Gennings, C. (2005). Neurotoxicological and Statistical Analyses of a Mixture of Five Organophosphorus Pesticides Using a Ray Design. *Toxicol.Sci.* 86: 101-115.

EcoReference No.: 80609

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

Moulton, C. A., Fleming, W. J., and Purnell, C. E. (1996). Effects of Two Cholinesterase-Inhibiting Pesticides on Freshwater Mussels. *Environ.Toxicol.Chem.* 15: 131-137.

EcoReference No.: 52429

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

Muegge, M. A., Barbour, J. D., Rice, W. C., and Bollich, P. A. (1997). Evaluation of Selected Insecticides for Rice Water Weevil Control, 1996. *Arthropod Manag. Tests* 22: 293-294.

EcoReference No.: 111233

Chemical of Concern: ACP,CBF,DFZ,FPN,IMC,LCYT; Habitat: A; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBF,DFZ,FPN,IMC,LCYT).

Mueller, J. D. and Lewis, S. A. (1993). Evaluation of Nematicides for Controlling Meloidogyne incognita and

Hoplolaimus columbus on Kenaf (Hibiscus cannabinus). *Nematropica* 23: 91-97.

EcoReference No.: 87050

Chemical of Concern: ACP,FMP,DPDP,ADC; Habitat: T; Effect Codes: GRO,BEH,POP; Code: LITE EVAL CODED(ACP,ADC),OK(ALL CHEMS).

Mulder, P. G. Jr. (1997). Effects of Insecticides on Thrips Populations, Peanut Injury, Growth, and Yield, 1996. In: C.R.Saxena, *Arthropod Management Tests, Volume 22, Entomol.Soc.of Am., Lanham, MD* 22: 284-285.

EcoReference No.: 78959

Chemical of Concern: PRT,ADC,ACP,FNP,DS; Habitat: T; Effect Codes: POP,PHY; Code: LITE EVAL CODED(ACP,ADC,PRT,FNP),OK(ALL CHEMS).

Mulder, P. G. Jr. (1998). Effects of Insecticides on Thrips Populations, Peanut Injury, Growth, and Yield, 1996. In: K.N.Saxena (Ed.), *Arthropod Management Tests, Volume 23, Entomol.Soc.of Am., Lanham, MD* 23: 254-255.

EcoReference No.: 79337

Chemical of Concern: PRT,ADC,DS,ACP; Habitat: T; Effect Codes: POP,PHY; Code: LITE EVAL CODED(ADC,ACP,PRT),OK(ALL CHEMS).

Mulder, P. G. Jr. (1999). Effects of Insecticides on Thrips Populations, Peanut Injury, Growth and Yield, 1998. In: K.N.Saxena (Ed.), *Arthropod Management Tests, Volume 24, Entomol.Soc.of Am., Lanham, MD* 24: 267-268.

EcoReference No.: 78960

Chemical of Concern: PRT,ADC,ACP; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED(ADC,ACP,PRT),OK(ALL CHEMS).

Mulder, P. G. Jr. (1998). Effects of Insecticides on Thrips Populations, Peanut Injury, Growth, and Yield, Chickasha, Oklahoma, 1996. In: K.N.Saxena (Ed.), *Arthropod Management Tests, Volume 23, Entomol.Soc.of Am., Lanham, MD* 23: 255-256.

EcoReference No.: 78961

Chemical of Concern: PRT,ADC,DS,ACP; Habitat: T; Effect Codes: POP,PHY; Code: LITE EVAL CODED(ADC,ACP,PRT),OK(ALL CHEMS).

Mulgrew, S. M. (1991). Efficacy of Insecticides Against Strawberry Root Weevil Adults, 1989. *Insectic. Acaric. Tests* 16: 253-254 (21G).

EcoReference No.: 151059

Chemical of Concern: ACP,EFV,FPP,FVL,PMR; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED (ACP), OK (EFV,PMR), TARGET (FPP,FVL).

Nasreen, A., Cheema, G. M., Ashfaq, M., and Saleem, M. A. (2004). Survival of Trichogramma Chilonis ishii (Hymenoptera: Trichogrammatidae) After Exposure to Different Insecticides: Laboratory Studies. *Pak. J. Zool.* 36: 79-82.

EcoReference No.: 105007

Chemical of Concern: ACT,BPZ,IMC,MTM,TDC,TMX; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (ACT,BPZ,IMC,MTM,TDC,TMX), NO EFED CHEM (ACT,BPZ,TMX).

Naveed, M., Salam, A., Saleem, M. A., and Sayyed, A. H. (2008). Effect of Foliar Applications of Some Insecticides on Bemisia tabaci, Predators and Parasitoids: Implications in Its Management in Pakistan. *Phytoparasitica* 36: 377-387.

EcoReference No.: 109059

Chemical of Concern:

ACT,BFT,BPZ,CYP,DM,EFV,ES,ETHN,FPP,IMC,LCYT,MTM,PYX,SS,TAP,TLM,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (BFT,CYP,DM,EFV,ES,ETHN,FPP,IMC,LCYT,MTM,PYX), NO EFED CHEM (ACT,BPZ,SS,TAP,TMX), OK (TLM).

Nielsen, D. G. and Balderston, C. P. (1975). Evaluation of Insecticides for Preventing Reproduction of Pales and Northern Pine Weevils in Pine Stumps. *J. Econ. Entomol.* 68: 205-206.

EcoReference No.: 73554

Chemical of Concern: ACP,CBF,CBL,CPY,HCCH,KER,PPCP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBF,CBL,CPY), NO EFED CHEM (HCCH,KER,PPCP).

Noetzel, D. M., Wiersma, J., and Preston, D. (1987). Potato Yields with Soil Systemic Plus Foliars and Foliars Alone, 1985. *Insectic. Acaric. Tests* 12: 143-(163).

EcoReference No.: 88643

Chemical of Concern: ADC,FNV,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (FNV,MTM), NO MIXTURE (ADC).

Oliver, J. B., Youssef, N. N., Reding, M. E., Klein, M. G., Bishop, B. L., and Lewis, P. A. (2009). Surface-Applied Insecticide Treatments for Quarantine Control of Japanese Beetle, *Popillia japonica* Newman (Coleoptera: Scarabaeidae), Larvae in Field-Grown Nursery Plants. *Pest Manag. Sci.* 65: 381-390.

EcoReference No.: 152990

Chemical of Concern: ACP,CBL,CTD,DNF,HFZ,IMC,TCF,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBL,CTD,DNF,HFZ,IMC,TCF,TMX), NO EFED CHEM (CTD,DNF,TMX).

Olofinboba, M. O. and Kozlowski, T. T. (1982). Effects of 3 Systemic Insecticides on Seed Germination and Growth of *Pinus halepensis* Seedlings. *Plant Soil* 64: 255-258 .

EcoReference No.: 41343

Chemical of Concern: CPY,ACP; Habitat: T; Effect Codes: GRO,REP; Code: LITE EVAL CODED(ACP),OK TARGET(ALL CHEMS).

Osterberg, J. S. (2010). Ecotoxicology of Natural and Anthropogenic Extreme Environments. *Ph.D. Thesis, Duke Univ., Raleigh, NC* 178 p. (UMI# 3398409).

EcoReference No.: 152973

Chemical of Concern: ACP,ADC,GYPI,IMC,LCYT; Habitat: A; Effect Codes: BCM,GRO,MOR; Code: LITE EVAL CODED (ACP,ADC,GYPI,IMC,LCYT).

Otoidobiga, L. C., Vincent, C., and Stewart, R. K. (2003). Susceptibility of Field Populations of Adult *Bemisia tabaci* Gennadius (Homoptera: Aleyrodidae) and *Eretmocerus* sp (Hymenoptera: Aphelinidae) to Cotton Insecticides in Burkina Faso (West Africa). *Pest Manag. Sci.* 59: 97-106.

EcoReference No.: 71999

Chemical of Concern: CYP,ES,MTM,OMT; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (ES,MTM), OK (CYP,OMT).

Ottens, R. J., Todd, J. W., Herzog, G. A., and Bass, M. H. (1984). Toxicity of Selected Insecticides to Laboratory and Field Colonies of the Soybean Looper. *J. Agric. Entomol.* 1: 367-370.

EcoReference No.: 73702

Chemical of Concern: ACP,FNV,MOM,MP,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL

CODED (ACP,FNV,PMR), TARGET (MOM,MP).

Pandey, S. K., Mathur, A. C., and Srivastava, M. (2010). Management of Leaf Curl Disease of Chilli (*Capsicum annum* L.). *Int. J. Virol.* 6: 246-250.

EcoReference No.: 152978

Chemical of Concern: ACP,IMC,MLN,SS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,IMC,MLN), NO EFED CHEM (SS).

Pandian, R. S., Benjamin, M., and Manoharan, A. C. (2000). Evaluation of Synthetic Pesticides and Phytochemical Against the Immature Stages of *Culex quinquefasciatus* Say. *J.Environ.Pollut.* 7: 1-5.

EcoReference No.: 93239

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

Panemangalore, M. and Bebe, F. N. (2000). Dermal Exposure to Pesticides Modifies Antioxidant Enzymes in Tissues of Rats. *J. Environ. Sci. Health Part B: Pestic. Food Contam. Agric. Wastes* 35: 399-416.

EcoReference No.: 88457

Chemical of Concern: ACP,MTM,NCTN; Habitat: T; Effect Codes: CEL,PHY; Code: LITE EVAL CODED (ACP,MTM), OK (NCTN).

Panemangalore, M. and Bebe, F. N. (2000). Dermal Exposure to Pesticides Modifies Antioxidant Enzymes in Tissues of Rats. *J.Environ.Sci.Health Part B* 35: 399-416.

EcoReference No.: 88457

Chemical of Concern: MTM,ACP,NCTN; Habitat: T; Effect Codes: CEL,PHY; Code: LITE EVAL CODED(MTM,ACP),OK(NCTN).

Patel, I. S., Prajapati, B. G., Patel, G. M., and Pathak, A. R. (1996). Relative Toxicity of Insecticides to *Diaeretiella rapae*, a Hymenopterous Parasite of Mustard Aphid (*Lipaphis erysimi*). *Indian J. Agric. Sci.* 66: 507-508.

EcoReference No.: 103882

Chemical of Concern: ACP,CBL,CYP,DDVP,DMT,EFV,ES,FNV,FVL,PHSL,PPHD; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CBL,CYP,DDVP,DMT,ES,FNV,FVL), NO EFED CHEM (PHSL,PPHD), OK (EFV).

Patel, M. G., Patel, J. R., and Borad, P. K. (1995). Comparative Efficacy and Economics of Various Insecticides Against Aphid, *Lipaphis erysimi* (Kalt) on Mustard in Gujarat. *Indian J.Plant Prot.* 23: 217-218.

EcoReference No.: 75046

Chemical of Concern: DMT,PPHD,PHSL,ES,CPY,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP,DMT),OK(ALL CHEMS).

Peiris, L. D. C., Jayatunga, Y. N. A., and Ratnasooriya, W. D. (1994). Analgesic and Sedative Effects of Methamidophos in Rats. *Med. Sci. Res.* 22: 293-295.

EcoReference No.: 88506

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

Pelegrino, J. R., Calore, E. E., Saldiva, P. H. N., Almeida, V. F., Peres, N. M., and Vilela-de-Almeida, L. (2006). Morphometric Studies of Specific Brain Regions of Rats Chronically Intoxicated with the Organophosphate Methamidophos. *Ecotoxicol. Environ. Saf.* 64: 251-255.

EcoReference No.: 95737

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

Phillips, P. A., Machlitt, D., and Mead, M. (1987). Non-Target Effects of Dimethoate and Acephate Against *Eusieus tularensis* Congdon and *Aphytis melinus* DeBach on Lemons in California. *Crop Prot.* 6: 388-392.

EcoReference No.: 102894

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

Powell, J. E. and Scott, W. P. (1991). Survival of *Microplitis croceipes* (Hymenoptera: Braconidae) in Contact with Residues of Insecticides on Cotton. *Environ.Entomol.* 20: 346-348.

EcoReference No.: 101645

Chemical of Concern: DCTP,EFV,CYP,TDC,CYH,BFT,PFF,OML,DMT,AZP,ACP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(EFV,CYP,TDC,CYH,BFT,PFF,OML,DCTP,DMT,ACP).

Power, K. T., Niemczyk, H. D., Rice, V. K., Belcher, M. G., and Shetlar, D. J. (1992). Control of Ant Mounds on a Golf Course Fairway, 1991. *Insectic. Acaric. Tests* 17: 328-(26G).

EcoReference No.: 100995

Chemical of Concern: ACP,CBL,DFZ,FYC,LCYT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL), TARGET (ACP,DFZ,FYC,LCYT).

Power, K. T., Niemczyk, H. D., Rice, V. K., Belcher, M. G., and Shetlar, D. J. (1992). Control of Ant Mounds on a Golf Course Fairway, 1991. *Insectic.Acaric.Tests* 17: 328 (26G).

EcoReference No.: 100995

Chemical of Concern: CBL,ACP,CPY,FYC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP),NO COC(AZD),OK(CBL).

Prasad, R. T., Reddy, G. P. V., Murthy, M. M. K., and Prasad, V. D. (1993). Efficacy and Residues of Certain Newer Insecticides on Okra. *Indian J.Plant Prot.* 21: 47-50.

EcoReference No.: 87464

Chemical of Concern: ACP,CYP,BFT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Pree, D. J., Whitty, K. J., Van Driel, L., and Walker, G. M. (1998). Resistance to Insecticides in Oriental Fruit Moth Populations (*Grapholita molesta*) from the Niagara Peninsula of Ontario. *Can. Entomol.* 130: 245-256.

EcoReference No.: 63915

Chemical of Concern: ACP,AZ,CBF,CBL,CPY,CYP,EPRN,FNT,MDT,MLN,MOM,MTM,Naled,PFF,PRN,PSM; Habitat: T; Effect Codes: GRO,MOR,POP; Code: LITE EVAL CODED (ACP,AZ,CBF,CBL,CPY,FNT,MLN,MOM,MTM,Naled), NO EFED CHEM (EPRN,PRN), TARGET (CYP,MDT,PFF,PSM).

Preetha, G., Stanley, J., Suresh, S., Kuttalam, S., and Samiyappan, R. (2009). Toxicity of Selected Insecticides to *Trichogramma chilonis*: Assessing Their Safety in the Rice Ecosystem. *Phytoparasitica* 37: 209-215.

EcoReference No.: 150863

Chemical of Concern: ACP,CTD,EFX,ES,IMC,PMZ,TMX; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,EFX,ES,IMC), NO EFED CHEM (CTD,PMZ,TMX).

Printes, L. B., Fellowes, M. D. E., and Callaghan, A. (2008). Clonal Variation in Acetylcholinesterase Biomarkers and Life History Traits Following OP Exposure in *Daphnia magna*. *Ecotoxicol.Environ.Saf.* PRESS.

EcoReference No.: 102823

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

Rabeni, C. F. (1978). The Impact of Orthene, a Spruce Budworm Insecticide, on Stream Fishes. A Report to the United States Fish and Wildlife Service. In: K.G.Stratton (Ed.), *Environ.Monit.of Cooperative Spruce Budworm Control Project, Maine 1976 and 1977, Maine Forest Serv., Dep.of Conservation, Augusta, ME* 82-123.

EcoReference No.: 16306

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

Rabeni, C. F. and Stanley, J. G. (1979). Operational Spraying of Acephate to Suppress Spruce Budworm Has Minor Effects on Stream Fishes and Invertebrates. *Bull.Environ.Contam.Toxicol.* 23: 327-334.

EcoReference No.: 7164

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

Rahman, M. F., Mahboob, M., Danadevi, K., Banu, B. S., and Grover, P. (2002). Assessment of Genotoxic Effects of Chloropyriphos and Acephate by the Comet Assay in Mice Leucocytes. *Mutat.Res.* 516: 139-147.

EcoReference No.: 87473

Chemical of Concern: ACP,CPY; Habitat: T; Effect Codes: MOR,CEL; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Rahman, M. F., Mahboob, M., Danadevi, K., Banu, B. S., and Grover, P. (2002). Assessment of Genotoxic Effects of Chloropyriphos and Acephate by the Comet Assay in Mice Leucocytes. *Mutat.Res.* 516: 139-147.

EcoReference No.: 87473

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

Rajini, P. S., Melstrom, P., and Williams, P. L. (2008). A Comparative Study on the Relationship Between Various Toxicological Endpoints in *Caenorhabditis elegans* Exposed to Organophosphorus Insecticides. *J. Toxicol. Environ. Health Part A* 71: 1043-1050.

EcoReference No.: 112447

Chemical of Concern: ACP,DCTP,DDVP,DMT,MTM,MVP,OMT,PPHD,TCF; Habitat: T; Effect Codes: BCM,BEH,MOR; Code: LITE EVAL CODED (ACP,DCTP,DDVP,DMT,MTM,MVP,OMT,TCF), NO EFED CHEM (PPHD).

Rajput, S. G., Dalaya, V. P., and Awate, B. G. (1985). Field Evaluation of Synthetic Pyrethroids and Other Insecticides Against Groundnut Leaf Miner (*Aproaerema modicella*, D.). *Pesticides* 19: 34-35.

EcoReference No.: 153282

Chemical of Concern: ACP,CBL,CYF,CYP,DM,FNV,MOM,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBL,CYF,CYP,DM,FNV,MOM,PMR).

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EcoReference No.: 100777

Chemical of Concern: ACP,CPY,PFF; Habitat: A; Effect Codes: BCM,BEH,GRO,MOR; Code: LITE EVAL CODED (ACP,CPY,PFF).

Ratchford, K., Graves, J. B., Pavloff, A. M., and Burris, G. (1987). Efficacy of Foliar Insecticides on Early Season Thrips and Aphids and Mid-Season Aphids in Cotton, 1986. *Insectic. Acaric. Tests* 12: 237-238 (276).

EcoReference No.: 88773

Chemical of Concern: ACP,ADC,BFT,CPY,CYP,DCTP,DMT,FVL,LCYT,MLN,MTM,PFF,SPS,TLM; Habitat: T; Effect Codes: GRO,POP; Code: EFFICACY (ACP,ADC,BFT,CPY,CYP,DCTP,DMT,FVL,LCYT,PFF,TLM), LITE EVAL CODED (MLN,MTM), NO EFED CHEM (SPS).

Rathore, B. S. and Yadav, B. S. (1996). Effect of Chemical Seed Soaking on Plant Growth and Reproduction of *Rotylenchulus reniformis* in Cowpea. *Indian J.Mycol.Plant Pathol.* 26: 281-283.

EcoReference No.: 87463

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

Rattner, B. A. and Hoffman, D. J. (1984). Comparative Toxicity of Acephate in Laboratory Mice, White-Footed Mice, and Meadow Voles. *Arch.Environ.Contam.Toxicol.* 13: 483-491.

EcoReference No.: 38448

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

Rattner, B. A. and Michael, S. D. (1985). Organophosphorus Insecticide Induced Decrease in Plasma Luteinizing Hormone Concentration in White-Footed Mice. *Toxicol.Lett.* 24: 65-69.

EcoReference No.: 87455

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

Reardon, R. C. and Barrett, L. (1984). Effects of Treating Western Spruce Budworm Populations on Grand Fir and Douglas-Fir with Acephate, Carbofuran, Dimethoate, Oxydemeton-Methyl, and Methamidophos. *For. Ecol. Manag.* 8: 1-10.

EcoReference No.: 89915

Chemical of Concern: ACP,CBF,DMT,MTM,OXD; Habitat: T; Effect Codes: ACC,POP; Code: LITE EVAL CODED (CBF,MTM), NO ENDPOINT (DMT,OXD), OK (ACP).

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EcoReference No.: 87967

Chemical of Concern: ABM,TMX,AZD,ACP,IMC,CPS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(AZD,IMC,ACP).

Reding, M. E. and Persad, A. B. (2009). Systemic Insecticides for Control of Black Vine Weevil (Coleoptera: Curculionidae) in Container- and Field-Grown Nursery Crops. *J. Econ. Entomol.* 102: 927-933.

EcoReference No.: 152991

Chemical of Concern: ACP,CTD,DNF,IMC; Habitat: T; Effect Codes: BEH,GRO,POP; Code: LITE EVAL CODED (ACP), NO EFED CHEM (CTD,DNF), OK (IMC).

Reed, J. T. and Grant, R. R. (1988). Evaluation of Insecticides for Early Season Thrips Control in the Mississippi Delta, 1987. *Insectic. Acaric. Tests* 13: 255-256 (99F) .

EcoReference No.: 88810

Chemical of Concern: ACP,ADC,AZ,DCTP,MTM,OML,PRT,TBO; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC,AZ,DCTP,OML,PRT,TBO), LITE EVAL CODED (MTM), TARGET (ACP,DCTP,OML,PRT,TBO).

Respicio, N. C. and Forgash, A. J. (1984). Contact Toxicity of Six Insecticides to the Gypsy Moth (Lepidoptera: Lymantriidae) and Its Parasites *Brachymeria intermedia* (Hymenoptera: Chalcididae) and *Compsilura concinnata* (Diptera: Tachinidae). *Environ. Entomol.* 13: 1357-1360.

EcoReference No.: 99802

Chemical of Concern: ACP,CBL,FNT,PMR,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CBL,FNT,PMR,TCF).

Roberts, B. L. and Dorough, H. W. (1984). Relative Toxicities of Chemicals to the Earthworm *Eisenia foetida*. *Environ.Toxicol.Chem.* 3: 67-78.

EcoReference No.: 40531

Chemical of Concern:

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

Robertson, J. L. and Lyon, R. L. (1973). Douglas-Fir Tussock Moth: Contact Toxicity of 20 Insecticides Applied to the Larvae . *J. Econ. Entomol.* 66: 1255-1257.

EcoReference No.: 53649

Chemical of Concern: ACP,BRSM,DDT,FA,FNTH,MOM,MTM,MXC,PHSL,PYN,RSM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,MTM), NO EFED CHEM (DDT,FNTH,MXC,PHSL,PYN), NO MIXTURE (FA), TARGET (BRSM,MOM,RSM).

Robertson, J. L. and Smith, K. C. (1984). Joint Action of Pyrethroids with Organophosphorus and Carbamate Insecticides Applied to Western Spruce Budworm (Lepidoptera: Tortricidae). *J. Econ. Entomol.* 77: 16-22.

EcoReference No.: 113233

Chemical of Concern: ACP,CBL,CPY,DM,FNT,FNV,MLN,MOM,PMR,PSM,TDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,PMR), OK (CPY,FNV), TARGET (CBL,DM,FNT,MLN,MOM,PSM,TDC).

Rose, R. L. and Sparks, T. C. (1984). Acephate Toxicity, Metabolism, and Anticholinesterase Activity in *Heliothis virescens* (F.) and *Anthonomus grandis grandis* (Boheman). *Pestic. Biochem. Physiol.* 22: 69-77.

EcoReference No.: 152802

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: ACC,BCM,MOR; Code: LITE EVAL CODED (ACP,MTM).

Royer, T. A., Edelson, J. V., and Cartwright, B. (1987). Worm Control on Cabbage, 1985. *Insectic. Acaric. Tests* 12: 103-104 (109).

EcoReference No.: 88726

Chemical of Concern:

AZ,CBL,CPY,CYF,DMT,DZ,EFV,ES,FVL,MLN,MOM,MP,MTM,MVP,MXC,Naled,OXD,PMR;

Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED
(AZ,CBL,CPY,CYF,DMT,DZ,EFV,ES,FVL,MLN,MOM,MP,MTM,MVP,MXC,Naled,OXD,PMR), NO
EFED CHEM (MXC).

Rudolph, S. G., Zinkl, J. G., Anderson, D. W., and Shea, P. J. (1984). Prey-Capturing Ability of American Kestrels fed DDE and Acephate or Acephate Alone. *Arch.Environ.Contam.Toxicol.* 13: 367-372.

EcoReference No.: 38591
Chemical of Concern: ACP,DDT,PMR; Habitat: T; Effect Codes: BEH,BCM; Code: LITE EVAL
CODED(ACP),NO CONTROL(DDT).

Samsøe-Petersen, L. (1993). Effects of 45 Insecticides, Acaricides and Molluscicides on the Rove Beetle *Aleochara bilineata* (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 38: 371-382.

EcoReference No.: 63489
Chemical of Concern:
ACP,AMZ,AZ,BPZ,CBL,CPY,CTZ,CYF,CYP,CYR,DFZ,DM,DMT,DZ,FNT,FPP,FVL,FYC,HTX,KSP,L
CYT,MAL,MCB,MTM,MVP,OML,OTQ,PIM,PMR,PPHD,PSM,THO; Habitat: T; Effect Codes:
MOR,REP; Code: LITE EVAL CODED (CPY,CYR,HTX,MAL,MTM,PMR), NO EFED CHEM
(BPZ,OTQ,PPHD,THO), NO PUBL AS (ACP,AMZ,AZ,DM,FNT), TARGET
(ACP,AMZ,AZ,CBL,CTZ,CYF,CYP,DFZ,DM,DMT,DZ,FNT,FPP,FVL,FYC,KSP,LCYT,MCB,MVP,O
ML,PIM,PSM).

Santos, R. P., Cavaliere, M. J., Puga, F. R., Narciso, E. S., Pelegrino, J. R., and Calore, E. E. (2002). Protective Effect of Early and Late Administration of Pralidoxime Against Organophosphate Muscle Necrosis. *Ecotoxicol. Environ. Saf.* 53: 48-51.

EcoReference No.: 88462
Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,CEL,PHY; Code: LITE EVAL CODED
(MTM).

Sanz, P., Moreno, E., Blasco, R., and Repetto, M. (1990). Study of Delayed Neurotoxicity Caused by Fatty Acid Anilides in Hens. *Vet. Hum. Toxicol.* 32: 422-427.

EcoReference No.: 88576
Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,GRO; Code: LITE EVAL CODED
(MTM).

Sapone, A., Pozzetti, L., Canistro, D., Broccoli, M., Bronzetti, G., Potenza, G., Affatato, A., Biagi, G. L., Cantelli-Forti, G., and Paolini, M. (2005). CYP Superfamily Perturbation by Diflubenzuron or Acephate in Different Tissues of CD1 Mice. *Food Chem.Toxicol.* 43: 173-183.

EcoReference No.: 80247
Chemical of Concern: ACP,DFZ; Habitat: T; Effect Codes: BCM,PHY,CEL,MOR; Code: LITE EVAL
CODED(ACP),OK(ALL CHEMS).

Sarag, D. G. and Satpute, U. S. (1988). Efficacy of Some Synthetic Insecticides and *Bacillus thuringiensis* var. *Kenyae* Against Bollworms of Cotton. *PKV (Punjabrao Krishi Vidyapeeth) Res J.* 12: 119-122.

EcoReference No.: 153288
Chemical of Concern: ACP,AMZ,CBL,DM,FPP,FVL,FYT; Habitat: T; Effect Codes: POP; Code: LITE
EVAL CODED (ACP,AMZ,CBL,DM,FPP,FVL,FYT), NO EFED CHEM (FYT).

Satar, S., Satar, D., Kirim, S., and Leventerler, H. (2005). Effects of Acute Organophosphate Poisoning on Thyroid Hormones in Rats. *Am. J. Therapeut.* 12: 238-242.

EcoReference No.: 88598

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

Satar, S., Satar, D., Mete, U. O., Suchard, J. R., Topal, M., and Kaya, M. (2005). Ultrastructural Effects of Acute Organophosphate Poisoning on Rat Kidney. *Renal Fail.* 27: 623-627.

EcoReference No.: 88423

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

Satar, S., Satar, D., Tap, O., Koseoglu, Z., and Kaya, M. (2004). Ultrastructural Changes in Rat Liver Treated with Pralidoxime Following Acute Organophosphate Poisoning. *Mount Sinai J. Med.* 71: 405-410.

EcoReference No.: 89241

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

Satpute, U. S., Sarnaik, D. N., and Bhalerao, P. D. (1989). New Insecticides for the Management of Cotton Bollworms. *Pesticides* 23: 26-27.

EcoReference No.: 153280

Chemical of Concern: ACP,AMZ,CBL,DM,FPP,FYT; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,AMZ,CBL,DM,FPP,FYT), NO EFED CHEM (FYT).

Saveetha, K., Sankaralingam, A., Ramanathan, A., and Pant, R. (2006). Symptoms, Epidemiology and Management of Finger Millet Mottle Streak Disease. *Arch. Phytopathol. Plant Prot.* 39: 409-419.

EcoReference No.: 104215

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

Seagraves, M. P. and McPherson, R. M. (2003). Residual Susceptibility of the Red Imported Fire Ant (Hymenoptera: Formicidae) to Four Agricultural Insecticides. *J.Econ.Entomol.* 96: 645-648.

EcoReference No.: 87959

Chemical of Concern: MOM,LCYT,ACP,CPY; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACP),OK(LCYT,CPY),TARGET(MOM).

Semtner, P. J., Clark, J., and Wilkinson III, W. B. (1999). Efficacy of Insecticides Applied as Transplant Drench and Transplant Water Treatments for Insect Control on Tobacco, 1998. *Arthropod Manag. Tests* 24: 313-315 (F132).

EcoReference No.: 88136

Chemical of Concern: ACP,ADC,IMC,TMX; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), NO EFED CHEM (TMX), OK (ADC,IMC).

Semtner, P. J., Clarke, J., and Wilkinson III, W. B. (1999). Systemic Insecticides for Aphid and Flea Beetle Control on Flue-Cured Tobacco, 1998. *Arthropod Manag. Tests* 24: 309-311 (F129).

EcoReference No.: 88148

Chemical of Concern: ACP,ADC,CBF,CPY,EP,FMP,IMC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CBF,IMC), NO MIXTURE (ADC,CPY,EP,FMP).

Semtner, P. J. and Terrill, T. R. (1986). Budworm Control in the Tobacco Nursery. *Tob. Sci.* 30: 142-145.

EcoReference No.: 153289

Chemical of Concern: ACP,CBL,DDT,DDVP,MOM,TCF; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), NO EFED CHEM (DDT), TARGET (CBL,DDVP,MOM,TCF).

Semtner, P. J., Wilkinson III, W. B., and Walton, J. (1993). Tobacco Aphid and Tobacco Flea Beetle Control with Soil Insecticides, 1992. *Insectic. Acaric. Tests* 18: 291-(134F).

EcoReference No.: 107447

Chemical of Concern: ACP,ADC,CBF,CPY,EP,FTZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,ADC,CBF,CPY,EP,FTZ).

Semtner, P. J. and Wilkinson, W. B. (1995). Cutworm and Flea Beetle Control on Flue-Cured Tobacco, 1994. *Arthropod Manag. Tests* 20: 257-258 (135F).

EcoReference No.: 104170

Chemical of Concern: ACP,CPY,FTZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CPY,FTZ).

Shaikh, N. P. (2004). Herbicide and Insecticide Interactions in Peanut (*Arachis hypogaea* L.). *Ph.D.Thesis, Univ.of Florida, Gainesville,FL* 122 p.

EcoReference No.: 82752

Chemical of Concern: SCA,OXF,PMT,NFZ,MTL,FMX,DCS,IZT,CRM,PRT,ADC,ACP,IAZ; Habitat: T; Effect Codes: PHY,GRO,POP,BCM; Code: LITE EVAL CODED(ACP,ADC,SCA),OK(ALL CHEMS),OK TARGET(MTL).

Shamiyeh, N. B., Mullins, C. A., Southards, C. J., Straw, R. A., and Roberts, C. H. (1993). Control of Major Insect Pests of Cole Crops in Tennessee: 1988-1991. *Tenn. Farm Home Sci.* 165: 37-42.

EcoReference No.: 106450

Chemical of Concern: ACP,CBL,EFV,FPP,LCYT,MOM,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,EFV,FPP,LCYT,MOM,PMR), NO MIXTURE (CBL), TARGET (CBL).

Sheets, L. P., Hamilton, B. F., Sangha, G. K., and Thyssen, J. H. (1997). Subchronic Neurotoxicity Screening Studies with Six Organophosphate Insecticides: An Assessment of Behavior and Morphology Relative to Cholinesterase Inhibition. *Fundam. Appl. Toxicol.* 35: 101-119.

EcoReference No.: 87452

Chemical of Concern: AZ,DS,MTM,SPS,TCF; Habitat: T; Effect Codes: BEH,GRO,MOR,PHY; Code: LITE EVAL CODED (AZ,DS,MTM,TCF), NO EFED CHEM (SPS).

Shelton, A. M. and Wilsey, W. T. (1996). Control of Flea Beetles on Cabbage, 1995. *Arthropod Manag. Tests* 21: 97-98 (19E).

EcoReference No.: 121342

Chemical of Concern: ACP,CYP,DMT,EFV,IMC,LCYT,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CYP,DMT,EFV,IMC,LCYT,PMR).

Shelton, A. M., Wyman, J. A., Cushing, N. L., Apfelbeck, K., Dennehy, T. J., Mahr, S. E. R., and Eigenbrode, S. D. (1993). Insecticide Resistance of Diamondback Moth (Lepidoptera: Plutellidae) in North America. *J. Econ. Entomol.* 86: 11-19.

EcoReference No.: 121186

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

Singh, A. K. and Drewes, L. R. (1987). Neurotoxic Effects of Low-Level Chronic Acephate Exposure in Rats.

Environ.Res. 43 : 342-349.

EcoReference No.: 87456

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

Singh, O. P. and Rawat, R. R. (1981). Note on the Safety of Some Insecticides for *Diaeretus rapae* M'Intosh, a Parasite of the Mustard Aphid. *Indian J. Agric. Sci.* 51: 204-205.

EcoReference No.: 101406

Chemical of Concern: DCTP,DMT,ES,FNV,MLN,MTM,PHSL; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (DCTP,DMT,ES,FNV,MLN,MTM,PHSL), NO EFED CHEM (PHSL).

Singh, R. and Sandhu, H. S. (1999). Acute Toxicity of Acephate and Its Effects on Biochemical Parameters in Buffalo Calves. *Indian J.Anim.Sci.* 69: 935-937.

EcoReference No.: 87465

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

Singh, Y. P. (1985). A Note on the Chemical Control of Pomegranate Butterfly (*Virachola ilsocrates* Fabr.) on Kinnow Mandarin. *Prog. Hortic.* 17: 265-266.

EcoReference No.: 153290

Chemical of Concern: CBL,ES,FNTH,MP,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL,ES,FNTH,MP,MTM), NO EFED CHEM (FNTH).

Smilanick, J. M., Zalom, F. G., and Ehler, L. E. (1996). Effect of Methamidophos Residue on the Pentatomid Egg Parasitoids *Trissolcus basalis* and *T. utahensis*(Hymenoptera: Scelionidae). *Biol. Control* 6: 193-201.

EcoReference No.: 153306

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

Smithley, D. R. and Davis, T. W. (1993). Birch Leafminer Control, Michigan, 1992. *Insectic. Acaric. Tests* 18: 347-(1H).

EcoReference No.: 153430

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

Sohi, A. S., Mann, H. S., Singh, J., Brar, K. S., and Shenbmar, M. (1997). Effect of Insecticides on the Emergence of *Trichogramma chilonis* Ishii (Hymenoptera: Trichogrammatidae), an Egg Parasitoid of Cotton Bollworms. *J. Res. Punjab Agric. Univ.* 34: 153-155.

EcoReference No.: 93333

Chemical of Concern: ACP,ACYP,CBL,CPY,CYP,DM,ES,FNV,PFF; Habitat: T; Effect Codes: REP; Code: LITE EVAL CODED (ACP,CBL,CPY,CYP,DM,ES,FNV,PFF), NO EFED CHEM (ACYP).

Sonoda, S. and Igaki, C. (2010). Characterization of Acephate Resistance in the Diamondback Moth *Plutella xylostella*. *Pestic. Biochem. Physiol.* 98: 121-127.

EcoReference No.: 152992

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

Sorensen, K. A. and Kidd, K. A. (1992). Tomato Fruitworm Control, 1990. *Insectic. Acaric. Tests* 17: 168-(116E).

EcoReference No.: 153432

Chemical of Concern: CBL,EFV,MTM,PPB; Habitat: T; Effect Codes: POP; Code: LITE EVAL

CODED (CBL,EFV,MTM), NO MIXTURE (PPB).

Southern, P. S. and Browne, M. M. (1992). Effect of Soil-Applied Insecticides and Insecticide Placement on Tobacco Flea Beetle and Tobacco Aphid in Flue-Cured Tobacco, 1991. *Insectic. Acaric. Tests* 17: 301-302 (149F).

EcoReference No.: 79794

Chemical of Concern: ACP,ADC,FMP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP), OK (FMP), TARGET (ADC).

Spassova, D., White, T., and Singh, A. K. (2000). Acute Effects of Acephate and Methamidophos on Acetylcholinesterase Activity, Endocrine System and Amino Acid Concentrations in Rats. *Comp.Biochem.Physiol.C* 126: 79-89.

EcoReference No.: 54406

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: PHY,BCM,ACC; Code: LITE EVAL CODED(ACP), OK(MTM).

Speese III, J. (1994). At-Planting Treatments to Control Insects in Snap Beans, 1993. *Arthropod Manag. Tests* 19: 56-57 (6E).

EcoReference No.: 106291

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

Speese III, J. (1996). Foliar Sprays to Control Insects in Spring and Fall Planted Snapbeans, 1995. *Arthropod Manag. Tests* 21: 85-86 (2E).

EcoReference No.: 153303

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

Speese III, J. (1994). Foliar Sprays to Control Insects on Snap Beans, 1993. *Arthropod Manag. Tests* 19: 55-56 (5E).

EcoReference No.: 107205

Chemical of Concern: ACP,BFT,CYP,EFV,MOM,MP,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,BFT,CYP,EFV,MOM,MP,PMR).

Spiers, J. D., Davies, F. T. Jr., He, C., Bogan, C. E., Heinz, K. M., Starman, T. W., and Chau, A. (2006). Effects of Insecticides on Gas Exchange, Vegetative and Floral Development, and Overall Quality of Gerbera. *Hortscience* 41: 701-706 .

EcoReference No.: 86883

Chemical of Concern: ABM,SS,ACP,BFT,NMO; Habitat: T; Effect Codes: GRO,PHY,REP,BCM,POP; Code: LITE EVAL CODED(NMO,ACP),OK(BFT).

Srivastava, K. P. and Bhatnagar, R. K. (1986). Bird Damage in High Yielding Genotypes of Pigeon Pea and Relative Efficacy of Insecticides in Controlling the Pod Damage. *Pesticides* 20: 50-51.

EcoReference No.: 87469

Chemical of Concern: AZD,FYT,ACP,CYP,ES; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Stanosz, G. R. (1994). Benomyl and Acephate Applications Increase Survival of Sugar Maple Seedlings During Their First Growing Season in Northern Pennsylvania. *Can.J.For.Res.* 24: 1107-1111.

EcoReference No.: 87475

Chemical of Concern: BMY,ACP; Habitat: T; Effect Codes: POP,GRO,MOR; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Stoner, A., Wilson, W. T., and Harvey, J. (1985). Acephate (Orthene): Effects on Honey Bee Queen, Brood and Worker Survival. *Am.Bee J.* 125: 448-450.

EcoReference No.: 35475

Chemical of Concern: ACP; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACP).

Straub, R. W. (1998). Evaluation of Insecticides Against Foliar-Feeding Insect Pests on Apple, 1997. *Arthropod Manag. Tests* 23: 34-(21A).

EcoReference No.: 150728

Chemical of Concern: ACP,AZ,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,AZ,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM), NO MIXTURE (AZ,CPY,EFV,FBOX,FPP,IMC,MOM,OML,PSM), TARGET (AZ,FBOX,FPP,IMC,MOM,OML,PSM).

Straub, R. W. (1998). Evaluation of Insecticides Against Fruit-Feeding Insects on Apple, 1997. *Arthropod Manag. Tests* 23: 34-35 (22A).

EcoReference No.: 150727

Chemical of Concern: ACP,AZ,CBL,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (ACP,AZ,CBL,CPY,DZ,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS), NO EFED CHEM (SS), NO MIXTURE (AZ,CBL,CPY,EFV,FBOX,FPP,IMC,MOM,OML,PSM,SS).

Stromborg, K. L. (1986). Reproduction of Bobwhites Fed Different Dietary Concentrations of an Organophosphate Insecticide, Methamidophos. *Arch. Environ. Contam. Toxicol.* 15: 143-147.

EcoReference No.: 40022

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

Syed, A. R. (1992). Insecticide Resistance in Diamondback Moth in Malaysia. In: N.S. Talekar (Ed.), *Diamondback Moth and Other Crucifer Pests, Asian Vegetable Research and Development Center (AVRDC), Shanhua, Taiwan* 437-440.

EcoReference No.: 153000

Chemical of Concern: AV,CYP,DFZ,MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AV,CYP,DFZ,MTM), NO EFED CHEM (AV).

Symington, C. A. (2003). Lethal and Sublethal Effects of Pesticides on the Potato Tuber Moth, *Phthorimaea operculella* (Zeller) (Lepidoptera: Gelechiidae) and Its Parasitoid *Orgilus lepidus* Muesebeck (Hymenoptera: Braconidae). *Crop Prot.* 22: 513-519 .

EcoReference No.: 99807

Chemical of Concern: DFC,ES,IMC,MTM,PIM,PMR,TDC; Habitat: T; Effect Codes: MOR,REP; Code: LITE EVAL CODED (ES,PMR,TDC), NO EFED CHEM (DFC), OK (IMC,MTM,PIM).

Symington, C. A. and Horne, P. A. (1998). Relative Toxicity of Pesticides to Pest and Beneficial Insects in Potato Crops in Victoria, Australia. In: P.T.Haskell and P.McEwen (Eds.), *Ecotoxicology: Pesticides and Beneficial Organisms, Chapter 29, Kluwer Acad.Publ., London* 279-286.

EcoReference No.: 73144

Chemical of Concern: DFC,ES,IMC,MTM,MZB,PIM,PMR,TDC; Habitat: T; Effect Codes: GRO,MOR; Code: LITE EVAL CODED (ES,IMC,MTM,MZB,PIM,PMR,TDC), NO EFED CHEM (DFC).

Takada, Y., Kawamura, S., and Tanaka, T. (2001). Effects of Various Insecticides on the Development of the Egg Parasitoid *Trichogramma dendrolimi* (Hymenoptera: Trichogrammatidae). *J. Econ. Entomol.* 94: 1340-1343.

EcoReference No.: 63722

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

Tappan, W. B. and Rich, J. R. (1985). Comparison of a New Synthetic Pyrethroid Insecticide with Acephate for Flue-Cured Tobacco Insect Control. *Tob. Sci.* 29: 153-154 .

EcoReference No.: 153291

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

Taylor, M. A., Goodwin, R. M., McBrydie, H. M., and Cox, H. M. (2007). Destroying Managed and Feral Honey Bee (*Apis mellifera*) Colonies to Eradicate Honey Bee Pests. *N. Z. J. Crop Hortic. Sci.* 35: 313-323.

EcoReference No.: 150559

Chemical of Concern: ACP,CPY,DZ,FPN,MP,PPB,PYN; Habitat: T; Effect Codes: ACC,BEH,MOR; Code: LITE EVAL CODED (ACP,CPY,DZ,FPN), NO CONTROL (PPB), NO EFED CHEM (PYN), NO ENDPOINT (MP).

Tejada, A. W., Bajet, C. M., Magbauna, M. G., Gambalan, N. B., Araez, L. C., and Magallona, E. D. (1994). Toxicity of Pesticides to Target and Non-Target Fauna of the Lowland Rice Ecosystem. In: B.Widianarko, K.Vink, and N.M.Van Straalen (Eds.), *Environmental Toxicology in South East Asia*, VU Univ.Press, Amsterdam, Netherlands 89-103.

EcoReference No.: 20421

Chemical of Concern:

24D,24DXY,AZ,BTC,CBF,CBL,CPY,CYF,CYP,DZ,EFX,ES,FNT,FNV,FZFB,MCPA,MLN,MOM,MP,MTM,MZB,ODZ,PMR,PPHD,TBC,TDC; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED (24D,24DXY,AZ,CBF,CBL,CPY,CYF,CYP,DZ,EFX,ES,FNT,FNV,MLN,MOM,MP,MTM,MZB,PMR,TBC,TDC), NO EFED CHEM (BTC,FZFB,MCPA,ODZ,PPHD).

Temerowski, M. and Van der Staay, F. J. (2005). Absence of Long-Term Behavioral Effects After Sub-Chronic Administration of Low Doses of Methamidophos in Male and Female Rats. *Neurotoxicol. Teratol.* 27: 279-297.

EcoReference No.: 88368

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

Thomas, J. D., Wier, A. T., Boyd, M. L., Lingren, S., and Boethel, D. J. (1994). Velvetbean Caterpillar Control on Louisiana Soybean, 1993. *Arthropod Manag. Tests* 19: 271-273 (130F).

EcoReference No.: 95802

Chemical of Concern: ACP,CFP,CYF,DM,EFV,EMMB,LCYT,MOM,MP,PMR,TLM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,CFP,CYF,DM,EFV,EMMB,LCYT,MOM,MP,PMR,TLM).

Thompson, L. S. (1981). Field Evaluation of Insecticides for Control of the Alfalfa Blotch Leafminer and Its Effect on Alfalfa Yield in Prince Edward Island. *J.Econ.Entomol.* 74: 363-365.

EcoReference No.: 99781

Chemical of Concern: FNV,CYP,PSM,DMT,MDT,OML,CBF,PMR,MOM,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED(PMR,PSM,DMT,OML,CBF,ACP,MDT),OK(FNV,CYP,MOM).

Tillman, P. G. (1995). Susceptibility of *Microplitis croceipes* and *Cardiochiles nigriceps* (Hymenoptera: Braconidae) to Field Rates of Selected Cotton Insecticides. *J.Entomol.Sci.* 30: 390-396.

EcoReference No.: 93416

Chemical of Concern: CYP,CYF,CYH,BFT,PFF,MP,DMT,CPY,AZ,ACP,ES,TDC,OML ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL
CODED(CPY,PFF,DMT,AZ,ACP,OML),OK(CYP,CYF,BFT,MP,TDC).

Tipping, P. W. and Center, T. D. (2002). Evaluating Acephate for Insecticide Exclusion of *Oxyops vitiosa* (Coleoptera: Curculionidae) from *Melaleuca quinquenervia*. *Fla.Entomol.* 85: 458-463.

EcoReference No.: 71555

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

Torres, A., Chulze, S., Varsavsky, E., and Rodriguez, M. (1993). Alternaria Metabolites in Sunflower Seeds. Incidence and Effect of Pesticides on Their Production. *Mycopathologia* 121: 17-20.

EcoReference No.: 87637

Chemical of Concern: THM,ACP,MEM; Habitat: T; Effect Codes: REP; Code: LITE EVAL
CODED(ACP),OK(THM).

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

EcoReference No.: 16309

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

U.S.Environmental Protection Agency (1981). Acephate, Aldicarb, Carbophenothion, DEF, EPN, Ethoprop, Methyl Parathion, and Phorate: Their Acute and Chronic Toxicity, Bioconcentration Potential, and Persistence as Related to Marine Environments. *EPA 600/4-81-041, U.S.EPA, Gulf Breeze, FL* 255 p. (U.S.NTIS PB81-244477).

EcoReference No.: 56755

Chemical of Concern: ADC,ACP,MP,EP,PRT; Habitat: A; Effect Codes: ACC,MOR,GRO,REP; Code: LITE EVAL
CODED(ADC,PRT,ACP),OK(ALL CHEMS).

Uthamasamy, S. and Jayaraj, S. (1985). Efficacy of Certain Newer Insecticides in the Control of Major Pests of Rice. *Pesticides* 19: 37,46.

EcoReference No.: 89409

Chemical of Concern: ACP,CPY,DDVP,FNV,IFP,MTM,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED (ACP,MTM), NO EFED CHEM (IFP), OK (CPY,FNV), TARGET (DDVP,TDC).

Van der Gulik, J. and Springett, J. A. (1980). The Effect of Commonly Used Biocides on Slugs. *Proc. N. Z. Weed Pest Control Conf.* 33: 225-229.

EcoReference No.: 79821

Chemical of Concern:

24D,24DXY,ACR,ALSV,AMTL,ASM,BMY,BT,CAP,CBD,CBL,CPP,Captan,DCPA,DDT,DINO,DZM,GYP,HCCH,LNR,MAL,MBZ,MCB,MCPA,MLN,MOIL,MOM,MP,MTM,MTZ,Maneb,NaClO,PCH,PDMS,PMT,PPCP,PQT,PRT,PZM,RTN,THM,TPE,TPM,VCZ; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED

(24D,24DXY,ACR,ALSV,AMTL,ASM,BMY,BT,CAP,CBD,CBL,CPP,Captan,DCPA,DZM,GYP,LNR,MAL,MBZ,MCB,MLN,MOIL,MOM,MP,MTM,Maneb,PCH,PDMS,PMT,PQT,PRT,PZM,RTN,THM,VCZ), NO EFED CHEM (DDT,DINO,HCCH,MCPA,MTZ,NaClO,PPCP,TPE,TPM), TARGET (MAL,MCB).

Venkateswara Rao, J., Srikanth, K., Arepalli, S. K., and Gunda, V. G. (2006). Toxic Effects of Acephate on *Paramecium caudatum* with Special Emphasis on Morphology, Behaviour, and Generation Time. *Pestic.Biochem.Physiol.* 86: 131-137.

EcoReference No.: 102824

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

Vergheese, A. and Srivastava, R. P. (1989). Toxicity of Certain Newer Insecticides to the Parasite *Tetrastichus* sp. *Indian J. Entomol.* 51: 465-468.

EcoReference No.: 109193

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

Verma, S. R., Kumar, V., and Dalela, R. C. (1981). Acute Toxicity of Three Newly Formulated Pesticides to Fish *Mystus vittatus*. *Indian J. Environ. Health* 23: 215-221.

EcoReference No.: 16590

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

Verma, S. R., Kumar, V., and Dalela, R. C. (1981). Acute Toxicity of Three Newly Formulated Pesticides to Fish *Mystus vittatus*. *Indian J.Environ.Health* 23: 215-221.

EcoReference No.: 16590

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

Verma, S. R., Kumar, V., and Dalela, R. C. (1981). Acute Toxicity of Three Newly Formulated Pesticides to Fish *Mystus vittatus*. *Indian J.Environ.Health* 23: 215-221.

EcoReference No.: 16590

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

Vyas, N. B., Kuenzel, W. J., Hill, E. F., Romo, G. A., and Komaragiri, M. V. S. (1996). Regional Cholinesterase Activity in White-Throated Sparrow Brain is Differentially Affected by Acephate (Orthene). *Comp.Biochem.Physiol.C* 113: 381-386.

EcoReference No.: 40343

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

Vyas, N. B., Kuenzel, W. J., Hill, E. F., and Sauer, J. R. (1995). Acephate Affects Migratory Orientation of the White-Throated Sparrow (*Zonotrichia albicollis*). *Environ.Toxicol.Chem.* 14: 1961-1965.

EcoReference No.: 40313

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

Wang, M. C., Liu, Y. H., Wang, Q., Gong, M., Hua, X. M., Pang, Y. J., Hu, S., and Yang, Y. H. (2008). Impacts of Methamidophos on the Biochemical, Catabolic, and Genetic Characteristics of Soil Microbial Communities. *Soil Biol. Biochem.* 40: 778-788.

EcoReference No.: 101860

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

Wang, X. F. and Zhou, Q. X. (2005). Joint Toxicity of Methamidophos and Cadmium Acting on *Abelmoschus manihot*. *J. Environ. Sci. (China)* 17: 379-383.

EcoReference No.: 102057

Chemical of Concern: CdCl,MTM; Habitat: T; Effect Codes: GRO; Code: LITE EVAL CODED (MTM), NO EFED CHEM (CdCl).

Ward, C. R., Huddleston, E. W., Owens, J. C., Hills, T. M., Richardson, L. G., and Ashdown, D. (1972). Control of the Banks Grass Mite Attacking Grain Sorghum and Corn in West Texas. *J. Econ. Entomol.* 65: 523-529.

EcoReference No.: 117182

Chemical of Concern: AZ,DEM,DS,DZ,EPRN,FNF,MDT,MLN,MTM,OXD,PRN,PRT,SFR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DZ,MTM,SFR), NO EFED CHEM (DEM,EPRN,FNF,PRN), OK (AZ,DS,MDT,MLN,OXD,PRT).

Webb, D. R., Eckenrode, C. J., and Hessney, M. L. (1993). Spray Evaluations for Bean Insects, 1992. *Insectic. Acaric. Tests* 18: 83-(5E).

EcoReference No.: 151036

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

Webster, T. C. and Peng, Y. S. (1989). Short-Term and Long-Term Effects of Methamidophos on Brood Rearing in Honey Bee (Hymenoptera: Apidae) Colonies. *J. Econ. Entomol.* 82: 69-74.

EcoReference No.: 153302

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

Wier, A. T., Mink, J. S., Boethel, D. J., and Leonard, B. R. (1991). Control of Bean Leaf Beetle, Banded Cucumber Beetle, and Threecornered Alfalfa Hopper on Soybean in Louisiana, 1990. *Insectic. Acaric. Tests* 16: 227-228 (128F).

EcoReference No.: 96290

Chemical of Concern: ACP,CYF,EFV,LCYT,MOM,PMR,PPB,TDC,TLM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,EFV,PMR), OK (PPB), TARGET (CYF,LCYT,MOM,TDC,TLM).

Wier, A. T., Mink, J. S., Boethel, D. J., Leonard, B. R., and Burris, E. (1991). Control of Soybean Loopers on Soybean, 1989. *Insectic. Acaric. Tests* 16: 229-231 (129F).

EcoReference No.: 121320

Chemical of Concern: ACP,DFZ,EPRN,MOM,PMR,PPB,PRN,TDC,TDL,TLM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ACP,PMR), NO EFED CHEM (EPRN,PRN), OK (PPB), TARGET (DFZ,MOM,TDC,TLM).

Williams III, L. and Price, L. D. (2004). A Space-Efficient Contact Toxicity Bioassay for Minute Hymenoptera,

Used to Test the Effects of Novel and Conventional Insecticides on the Egg Parasitoids *Anaphes iole* and *Trichogramma pretiosum*. *Biocontrol* 49: 163-185.

EcoReference No.: 103115

Chemical of Concern: ACP,CYF,FPN,IMC,LCYT,OML,SS,TMX; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,CYF,FPN,IMC,LCYT,OML), NO EFED CHEM (SS,TMX).

Williams III, L., Price, L. D., and Manrique, V. (2003). Toxicity of Field-Weathered Insecticide Residues to *Anaphes iole* (Hymenoptera: Mymaridae), an Egg Parasitoid of *Lygus lineolaris* (Heteroptera: Miridae), and Implications for Inundative Biological Control in Cotton. *Biol.Control* 26: 217-223.

EcoReference No.: 71449

Chemical of Concern: OML,FPN,IMC,LCYF,ACP,CYF,CYH,TMX,SS; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(IMC,ACP,OML).

Wilson, B. W., Henderson, J. D., Kellner, T. P., McEuen, S. F., Griffis, L. C., and J.C.Lai (1990). Acetylcholinesterase and Neuropathy Target Esterase in Chickens Treated with Acephate. *Neurotoxicology* 11: 483-492.

EcoReference No.: 81003

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: MOR,ACC,PHY; Code: LITE EVAL CODED(ACP),OK(ALL CHEMS).

Woodward, D. F. and Mauck, W. L. (1980). Toxicity of Five Forest Insecticides to Cutthroat Trout and Two Species of Aquatic Invertebrates. *Bull.Environ.Contam.Toxicol.* 25: 846-854.

EcoReference No.: 5618

Chemical of Concern: CBL,DDT,TCF,FNT,ACP; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED(ACP),NO CONTROL(CBL,DDT,TCF,FNT).

Wu, G., Jiang, S., and Miyata, T. (2004). Effects of Synergists on Toxicity of Six Insecticides in Parasitoid *Diaeretiella rapae* (Hymenoptera: Aphidiidae). *J. Econ. Entomol.* 97: 2057-2066.

EcoReference No.: 87969

Chemical of Concern: AV,CYP,FNV,FPN,IMC,MTM,PPB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CYP,FNV,FPN,IMC,MTM,PPB), NO EFED CHEM (AV).

Wu, G., Jiang, S., and Miyata, T. (2004). Seasonal Changes of Methamidophos Susceptibility and Biochemical Properties in *Plutella xylostella* (Lepidoptera: Yponomeutidae) and Its Parasitoid *Cotesia plutellae* (Hymenoptera: Braconidae). *J. Econ. Entomol.* 97: 1689-1698.

EcoReference No.: 153371

Chemical of Concern: CBF,DDVP,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTM), NO IN VITRO (CBF,DDVP).

Wu, G. and Jiang, S. R. (2004). Susceptibility to Insecticides and Enzymatic Characteristics in the Parasitoid *Apanteles plutellae* Kurdj. (Hymenoptera: Braconidae) and Its Host *Plutella xylostella* (L.) (Lepidoptera: Yponomeutidae). *Acta Entomol. Sin.* 47: 25-32.

EcoReference No.: 82418

Chemical of Concern: ACP,AV,CBF,DDVP,FNV,FPN,MTM,PPB; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (ACP,AV,CBF,DDVP,FNV,FPN,MTM), NO EFED CHEM (AV), OK (PPB).

Wu, G. and Miyata, T. (2005). Susceptibilities to Methamidophos and Enzymatic Characteristics in 18 Species of Pest Insects and Their Natural Enemies in Crucifer Vegetable Crops. *Pestic. Biochem. Physiol.* 82: 79-93.

EcoReference No.: 80288

Chemical of Concern: CBF,DDVP,MTM,PPB; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (MTM), NO CONC (PPB), NO ENDPOINT (CBF,DDVP).

Wu, G., Miyata, T., Kang, C. Y., and Xie, L. H. (2007). Insecticide Toxicity and Synergism by Enzyme Inhibitors in 18 Species of Pest Insect and Natural Enemies in Crucifer Vegetable Crops. *Pest Manag. Sci.* 63: 500-510.

EcoReference No.: 119623

Chemical of Concern: AV,CYP,FNV,FPN,MTM,PPB; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (MTM,PPB), NO EFED CHEM (AV), OK (CYP,FNV,FPN).

Yadav, H. S. and Gargav, V. P. (1988). Chemical Control of Singhara Beetle, *Galerucella birmanica* Jacoby. *Indian J. Plant Prot.* 16: 159-162.

EcoReference No.: 153293

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

Yang, L., Liu, J., Wu, Y. J., Li, W., Gao, X. W., and Leng, X. F. (2007). Oral Administrations of Methamidophos and TOCP have Different Effects on In Vitro Protein Phosphorylation Levels from Subcellular Fractions of Hen Brain. *Pestic. Biochem. Physiol.* 88: 20-25.

EcoReference No.: 102034

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

Yu, S. J. (1982). Induction of Microsomal Oxidases by Host Plants in the Fall Armyworm, *Spodoptera frugiperda* (J. E. Smith). *Pestic. Biochem. Physiol.* 17: 59-67.

EcoReference No.: 105107

Chemical of Concern: ACP,CYP,DZ,LIM,MEN,MOM,MTM,OOP,PMR,PPB,TCF; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (DZ,MOM,MTM,PMR,TCF), NO EFED CHEM (OOP), NO ENDPOINT (ACP,CYP,LIM,MEN), NO IN VITRO (PPB), TARGET (ACP,CYP,LIM).

Yu, S. J. and Nguyen, S. N. (1996). Insecticide Susceptibility and Detoxication Enzyme Activities in Permethrin-Selected Diamondback Moths. *Pestic. Biochem. Physiol.* 56: 69-77.

EcoReference No.: 103261

Chemical of Concern:

ABM,AND,BFT,CBF,CPY,CYP,DZ,EFV,ES,FNV,FVL,HPT,IMC,LCYT,MOM,MP,MTM,PRT,TDC,TL M,TPMR; Habitat: T; Effect Codes: ACC,MOR; Code: LITE EVAL CODED (ABM,BFT,CBF,CPY,CYP,DZ,EFV,ES,FNV,FVL,IMC,LCYT,MOM,MP,MTM,TDC,TLM,TPMR), NO EFED CHEM (AND,HPT), NO IN VITRO (PRT).

Zaki, M. J., Javed, S., Abid, M., Khan, H., and Moinuddin, M. (2004). Evaluation of Some Chemicals Against Root Knot Nematodes, *Meloidogyne incognita*. *Int. J. Biol. Biotechnol.* 1: 613-618.

EcoReference No.: 98191

Chemical of Concern:

CBD,CBF,CIT,CPY,CoCl,CuCl,CuS,DCZ,FSTAL,MTM,NiCl,OXAC,PbAC,TPM,ZnCl₂; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (CBD,CBF,CIT,CPY,CuCl,CuS,FSTAL,MTM,OXAC,ZnCl₂), NO EFED CHEM (CoCl,DCZ,NiCl,PbAC,TPM), TARGET (CBF,CPY).

Zanwar, P. R. and Jadhav, G. D. (1997). Toxicity of Some Insecticides to the Predator, *Coccinella septempunctata*

Linn. *J. Maharashtra Agric. Univ.* 20: 259-260.

EcoReference No.: 153295

Chemical of Concern: ACP,ES,MDT,PIRM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ACP,ES,MDT,PIRM).

Zayed, S. M. A. D., Fakhr, I. M. I., and el-Magraby, S. (1984). Some Toxicological Aspects of Methamidophos Exposure in Mice. *J. Environ. Sci. Health Part B: Pestic. Food Contam. Agric. Wastes* 19: 467-478.

EcoReference No.: 88392

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

Zehnder, G. and Speese III, J. (1991). Control of Lepidopterous Larvae on Fall Cabbage, 1990. *Insectic. Acaric. Tests* 16: 67-(21E).

EcoReference No.: 153331

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

Zehnder, G. W. and Speese III, J. (1992). Foliar Sprays for Worm Control on Peppers 1991. *In: A.K.Burditt,Jr.(Ed.), Insecticide & Acaricide Tests, Entomol.Soc.of Am., Lanham, MD* 17: 121-122.

EcoReference No.: 82246

Chemical of Concern: DKGNa,MOM,EFV,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ACP,DKGNa,MOM,EFV).

Zhang, L., Shono, T., Yamanaka, S., and Tanabe, H. (1994). Effects of Insecticides on the Entomopathogenic nematode *Steinernema carpocapsae* Weiser. *Appl.Entomol.Zool.* 29: 539-547.

EcoReference No.: 84164

Chemical of Concern:

TMP,FNT,DDVP,CPY,ACP,DZ,DDVP,FNTH,MLN,TCF,PTP,PFF,IMC,FNV,PTP,SPS,MOM,OML,PPX ,EFX,PMR; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ACP,DZ),OK(ALL CHEMS).

Zinkl, J. G., Mack, P. D., Mount, M. E., and Shea, P. J. (1984). Brain Cholinesterase Activity and Brain and Liver Residues in Wild Birds of A Forest Sprayed with Acephate. *Environ.Toxicol.Chem.* 3: 79-88.

EcoReference No.: 39516

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

Zinkl, J. G., Roberts, R. B., Shea, P. J., and Lasmanis, J. (1981). Toxicity of Acephate and Methamidophos to Dark-Eyed Juncos. *Arch. Environ. Contam. Toxicol.* 10: 185-192.

EcoReference No.: 39519

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

Zinkl, J. G., Roberts, R. B., Shea, P. J., and Lasmanis, J. (1981). Toxicity of Acephate and Methamidophos to Dark-Eyed Juncos. *Arch.Environ.Contam.Toxicol.* 10: 185-192.

EcoReference No.: 39519

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: PHY,MOR,ACC,GRO; Code: LITE EVAL CODED (ACP),OK(ALL CHEMS).

Zinkl, J. G., Shea, P. J., Nakamoto, R. J., and Callman, J. (1987). Effects of Cholinesterases of Rainbow Trout Exposed to Acephate and Methamidophos. *Bull. Environ. Contam. Toxicol.* 38: 22-28.

EcoReference No.: 12398

Chemical of Concern: ACP,MTM; Habitat: A; Effect Codes: ACC,BCM; Code: LITE EVAL CODED (ACP,MTM).

Zinkl, J. G., Shea, P. J., Nakamoto, R. J., and Callman, J. (1987). Effects of Cholinesterases of Rainbow Trout Exposed to Acephate and Methamidophos. *Bull. Environ. Contam. Toxicol.* 38: 22-28.

EcoReference No.: 12398

Chemical of Concern: ACP; Habitat: A; Effect Codes: BCM,ACC; Code: LITE EVAL CODED (ACP).

Accepted for EcoTox but not OPP

Abdou, R. F. and Abdel-Wahab, M. A. (1985). Cytological and Developmental Effects of Certain Insecticides in Vicia faba. *Int. Pest Control* 27: 123-125.

EcoReference No.: 44263

Chemical of Concern: CBL,CPY,CYP,MTM; Habitat: T; Effect Codes: CEL,GRO,REP; Code: NO ENDPOINT (CBL,CPY,CYP,MTM).

Albright, L. J., Gasith, A., Geen, G. H., Mozel, Y., and Perry, A. S. (1983). The Influence of the Organophosphorous Insecticides Acephate and Parathion upon the Heterotrophic Bacteria of Two Freshwater Ecosystems. In: *Rep.No.IAEA-TECDOC-283, Agrochem.-Biota Interact.in Soil and Water Using Nucl.Tech., Joint FAO/IAEA Div.of Isotope and Radiat.Applic.of Atomic Energy for Food and Agric.Dev., June 7-12, 1982, Rome, Italy, INIS Clearinghouse, Vienna, Austria* 33-44.

EcoReference No.: 60694

Chemical of Concern: ACP,EPRN,PRN; Habitat: A; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PRN), NO ENDPOINT (ACP).

Ali, A. D. and Garcia, J. M. (1988). Efficacy and Economics of Selected Systemic Insecticides for Control of Phoracantha semipunctata (Coleoptera: Cerambycidae), a New Pest in North America. *J. Econ. Entomol.* 81: 1124-1127.

EcoReference No.: 113876

Chemical of Concern: ACP,CBF,DS,OXD; Habitat: T; Effect Codes: PHY,POP; Code: NO ENDPOINT (ACP,CBF,DS,OXD).

Archer, T. E. and Gauer, W. O. (1985). Residues of Five Pesticides in Field-Treated Alfalfa Seeds and Alfalfa Sprouts. *J. Environ. Sci. Health Part B: Pestic. Food Contam. Agric. Wastes* 20: 445-456.

EcoReference No.: 64050

Chemical of Concern: ADC,CPY,CTN,MTM,PPG; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT (ADC,CPY,CTN,MTM,PPG).

Ascher, K. R. S. and Nemny, N. E. (1990). Ovicides for Spodoptera littoralis (Boisd.). *Int. Pest Control* 32: 124-128.

EcoReference No.: 153349

Chemical of Concern: AZ,CPY,FNF,MOM,MP,MTM,OMT,PFF,PIRM,SPS,TDC,THO; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (FNF,SPS,THO), NO ENDPOINT (MOM,MTM,OMT,PFF,PIRM), OK (CPY), TARGET (AZ,MOM,MP,OMT,PFF,PIRM,TDC).

Atallah, M. A., Abdelnaby, A. A., and Karaman, G. E. (1979). Laboratory Assessment of Relative Toxicity of Some Organic Insecticides to the Honey Bee. *Bull. Entomol. Soc. Egypt* 11: 149-154.

EcoReference No.: 110898

Chemical of Concern: AZ,CPY,CYP,FNV,MTM,PFF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CPY,CYP,FNV,PFF), NO MIXTURE (AZ,MTM).

Baker, E. A., Hayes, A. L., and Butler, R. C. (1992). Physicochemical Properties of Agrochemicals: Their Effects on Foliar Penetration. *Pestic. Sci.* 34: 167-182 .

EcoReference No.: 70752

Chemical of Concern: ACP,ATZ,BTN,CQTC,DFP,FXP,GYP,MLH,MLX,NYP,PBZ,SZ,TDF,TDM; Habitat: T; Effect Codes: ACC; Code: NO CONTROL (ACP,ATZ,CQTC,GYP,MLH,MLX,PBZ,SZ,TDF), NO EFED CHEM (BTN,DFP,FXP,NYP,TDM), NO ENDPOINT (ACP,ATZ,CQTC,GYP,MLH,MLX,PBZ,SZ,TDF).

Barbara, K. A. (2005). Management of Pest Mole Crickets Using the Insect Parasitic Nematode *Steinernema scapterisci*. *Ph.D.Thesis, Univ.of Florida, FL* 101 p. (UMI #3177943).

EcoReference No.: 113919

Chemical of Concern: ACP,AZO,BFT,CYF,DM,FPN,GLO,IMC,PMR; Habitat: T; Effect Codes: BEH,GRO,MOR,PHY,POP,REP; Code: LITE EVAL CODED (DM), NO EFED CHEM (FPN), NO ENDPOINT (ACP,BFT,CYF,IMC,PMR), TARGET (ACP,BFT,GLO,IMC,PMR).

Barcelo, D., Sole, M., Durand, G., and Albaiges, J. (1991). Analysis and Behaviour of Organophosphorus Pesticides in a Rice Crop Field. *Fresenius' J. Anal. Chem.* 339: 676-683.

EcoReference No.: 107373

Chemical of Concern: CPY,FNT,MLN,MP,MTM,PSM,TCF,TVP; Habitat: A; Effect Codes: ACC; Code: NO CONTROL (CPY,FNT,MLN,MP,MTM,PSM,TCF,TVP), NO ENDPOINT (CPY,FNT,MLN,MP,MTM,PSM,TCF,TVP).

Bart, J. (1976). The Effects of Orthene, Sevin and Dimilin on Birds. *M.S.Thesis, Cornell Univ., Ithaca, NY* 46 p.

EcoReference No.: 103012

Chemical of Concern: ACP,CBL,DFZ; Habitat: T; Effect Codes: GRO,POP; Code: NO CONC (ACP), NO ENDPOINT (CBL,DFZ).

Baur, M. E., Ellis, J., Hutchinson, K., and Boethel, D. J. (2003). Contact Toxicity of Selective Insecticides for Non-target Predaceous Hemipterans in Soybeans. *J. Entomol. Sci.* 38: 269-277.

EcoReference No.: 82481

Chemical of Concern: ACE,ACP,IDC,LCYT,MFZ,MOM,PMR,SS,TDC; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (LCYT,MFZ,MOM,PMR,TDC), NO EFED CHEM (IDC,SS), NO ENDPOINT (ACP), OK (ACE), TARGET (ACP).

Ben-Yakir, D., Gol'Berg, A. M., and Chen, M. (1995). Laboratory Efficacy Screening of Insecticides for Control of *Maladera matrida* Larvae. *Phytoparasitica* 23: 119-125 .

EcoReference No.: 153450

Chemical of Concern: ACP,BDC,CBL,CPY,DZ,EP,FNT,IMC,IZF,MTM,TBO; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (BDC,IZF), NO ENDPOINT (ACP,CBL,CPY,DZ,EP,FNT,IMC,MTM,TBO), TARGET (CBL,DZ,EP,FNT,IMC,TBO).

Berlinger, M. J., Lebiush-Mordechi, S., Dahan, R., and Taylor, R. A. J. (1996). A Rapid Method for Screening Insecticides in the Laboratory. *Pestic. Sci.* 46: 345-353 .

EcoReference No.: 109832

Chemical of Concern:

ACP,AMZ,BFT,CPY,CPYM,CYH,CYP,DDVP,DM,DMT,DZ,EPRN,FNT,FPP,FYT,MDT,PRN,THO,TPZ; Habitat: T; Effect Codes: MOR; Code: EFFICACY (BFT,CYH,FPP), NO EFED CHEM (EPRN,FYT,PRN,THO,TPZ), NO ENDPOINT (ACP,CPY,CPYM,CYP,DDVP,DM,DZ,FNT), NO MIXTURE (DMT,MDT), OK (AMZ).

Blus, L. J., Staley, C. S., Henny, C. J., Pendleton, G. W., Craig, T. H., Craig, E. H., and Halford, D. K. (1989). Effects of Organophosphorus Insecticides on Sage Grouse in Southeastern Idaho. *J. Wildl. Manag.* 53: 1139-1146.

EcoReference No.: 40025

Chemical of Concern: DMT,MTM; Habitat: T; Effect Codes: BCM,MOR; Code: NO ENDPOINT (DMT,MTM).

Booth, G. M. (1975). The Usefulness of Model Ecosystems in Insecticide Development. *Environ. Qual. Saf.* 3 Suppl.Pestic: 351-358.

EcoReference No.: 103782

Chemical of Concern: ACP,CBF,DDT; Habitat: AT; Effect Codes: ACC,MOR; Code: NO CONTROL (ACP,CBF), NO EFED CHEM (DDT).

Braun, H. E., Ritcey, G. M., Frank, R., McEwen, F. L., and Ripley, B. D. (1980). Dissipation Rates of Insecticides in Six Minor Vegetable Crops Grown on Organic Soils in Ontario, Canada. *Pestic. Sci.* 11: 605-616.

EcoReference No.: 117927

Chemical of Concern: CBX,CPY,DZ,EPRN,ES,ETN,FNF,MOM,MTM,PIM,PRN; Habitat: T; Effect Codes: ACC; Code: NO EFED CHEM (EPRN,ETN,FNF,PRN), NO ENDPOINT (CBX,CPY,DZ,ES,MOM,MTM,PIM).

Brown, T. M., Bryson, K., and Payne, G. T. (1982). Pyrethroid Susceptibility in Methyl Parathion-Resistant Tobacco Budworm in South Carolina. *J. Econ. Entomol.* 75: 301-303.

EcoReference No.: 113775

Chemical of Concern: ACP,CYP,FNV,MP,PMR,SPS; Habitat: T; Effect Codes: MOR; Code: NO CONC (ACP,FNV,PMR), NO EFED CHEM (SPS), TARGET (ACP,CYP,FNV,MP,PMR).

Buckner, C. H. and McLeod, B. B. (1975). Impact of Aerial Application of Orthene upon Non-target Organisms. *Inf.Rep.CC-X-104, Chem.Control Res.Inst., Ottawa, Ontario* 48 p.

EcoReference No.: 35989

Chemical of Concern: ACP; Habitat: AT; Effect Codes: BEH,POP; Code: NO ENDPOINT (ACP).

Burrue, V. R., Raabe, O. G., Overstreet, J. W., Wilson, B. W., and Wiley, L. M. (2000). Paternal Effects From Methamidophos Administration in Mice. *Toxicol. Appl. Pharmacol.* 165: 148-157.

EcoReference No.: 88459

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,CEL,MOR,REP; Code: NO EXP TYPE (MTM).

Chakraborty, T., Katsu, Y., Zhou, L. Y., Miyagawa, S., Nagahama, Y., and Iguchi, T. (2011). Estrogen Receptors in Medaka (*Oryzias latipes*) and Estrogenic Environmental Contaminants: an In Vitro-In Vivo Correlation. *J. Steroid Biochem. Mol. Biol.* 123: 115-121.

EcoReference No.: 153297

Chemical of Concern: ACP,AMZ,CBD,DDT,DM,DMT,ES,HPT,PPCP; Habitat: A; Effect Codes: BCM,CEL; Code: NO EFED CHEM (DDT,HPT,PPCP), NO IN VITRO (ACP,AMZ,CBD,DDT,DM,DMT,ES,HPT).

Chandrashekar, K. and Srinivasa, N. (2003). Residual Toxicity of Selected Pesticides to Two Spotted Spider Mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) Infesting French Bean. *J. Entomol. Res.* 27: 197-201.

EcoReference No.: 105120

Chemical of Concern: ACP,BFT,DCF,DM,DMT,ES,ETN,FVL,SFR; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,BFT,DCF,DM,DMT,ES,FVL,SFR), NO EFED CHEM (ETN), TARGET (ACP,BFT,DCF,DM,DMT,ES,FVL,SFR).

Cochran, D. G. (1989). Monitoring for Insecticide Resistance in Field-Collected Strains of the German Cockroach (Dictyoptera: Blattellidae). *J. Econ. Entomol.* 82: 336-341.

EcoReference No.: 113738

Chemical of Concern: ACP,ATN,BDC,CPY,DZ,FNV,MLN,PPX; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,ATN,CPY,DZ,FNV,MLN,PPX), NO EFED CHEM (BDC), TARGET (ACP,ATN,CPY,FNV,MLN,PPX).

Cochran, D. G. (1995). Standard Insecticide-Susceptible Strain for the German Cockroach (Dictyoptera: Blattellidae). *J. Econ. Entomol.* 88: 1542-1544.

EcoReference No.: 112350

Chemical of Concern: ACP,ATN,BDC,CPY,CYF,DZ,EFV,FNV,MLN,PMR,PPX,PTR,PYN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,ATN,CPY,CYF,DZ,EFV,FNV,MLN,PMR,PPX), NO EFED CHEM (BDC,PYN), TARGET (ACP,ATN,CPY,EFV,FNV,MLN,PMR,PPX).

Dalvi, C. S., Dumbre, R. B., and Khanvilkar, V. G. (1985). Efficacy of Some Insecticides for the Control of Rice Blue Beetle, *Leptispa pygmaea* Baly. *Pesticides* 19: 11-12.

EcoReference No.: 153332

Chemical of Concern: ACP,CBL,DMT,ES,MOM,PHSL,PMR; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (PHSL), NO ENDPOINT (ACP,CBL,DMT,ES,MOM,PMR), TARGET (CBL,DMT,MOM).

Danka, R. G., Williams, J. L., Harmon, C. W., Rinderer, T. E., and Morris, H. F. (1991). Doses and Residues of Acephate Baits Used to Eradicate Undesirable Honey Bees: A Hazard Assessment. *Bull. Environ. Contam. Toxicol.* 47: 422-427.

EcoReference No.: 153301

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: ACC,MOR; Code: NO CONTROL (ACP,MTM), NO ENDPOINT (ACP,MTM).

Davies, P. E. and White, R. W. G. (1985). The Toxicology and Metabolism of Chlorothalonil in Fish. I. Lethal Levels for *Salmo gairdneri*, *Galaxias maculatus*, *G. truttaceus* and *G. auratus* and the Fate of ¹⁴C-TCIN in *S. gairdneri*. *Aquat. Toxicol.* 7: 93-105.

EcoReference No.: 87454

Chemical of Concern: ACP,CTN; Habitat: A; Effect Codes: ACC,MOR; Code: LITE EVAL CODED (CTN), NO MIXTURE (ACP).

Dedek, W. and Pape, J. (1988). Integrated Pest Control in Forest Management -- Combined Use of Pheromones and Insecticides for Attracting and Killing the Bark Beetle *Ips typographus*. I. Studies with ³²P-Labelled Methamidophos in the Ascending Sap of Spruce. *For. Ecol. Manag.* 26: 47-61.

EcoReference No.: 153407

Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,POP; Code: NO CONTROL (MTM), NO ENDPOINT (MTM).

Dolmans, N. and Van Tol, R. W. H. M. (1996). Prospects for Chemical Control of Black Vine Weevil (*Otiorhynchus sulcatus*) in Nursery Stock. In: *D.V.Alford and G.F.Backhaus (Eds.), Mitteilungen aus der Biologischen Bundesanstalt Fuer Land- und Forstwirtschaft Berlin-Dahlem, Heft 316* 108-112.

EcoReference No.: 153360

Chemical of Concern: ACP,CBF,CPY,FPN,MP,MTM,PIRM; Habitat: T; Effect Codes: ACC,MOR,POP; Code: NO CONTROL (ACP,CBF,CPY,FPN,MP,MTM,PIRM), NO ENDPOINT (ACP,CBF,CPY,FPN,MP,MTM,PIRM), TARGET (CBF,FPN,MP,PIRM).

Dornan, A. P., Stewart, J. G., and Sears, M. K. (1994). An Action Threshold for Control of Lepidopterous Pests of Cabbage in Prince Edward Island. *Can. Entomol.* 126: 379-387.

EcoReference No.: 121205

Chemical of Concern: CYP,ES,MTM,Naled,PMR; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (MTM,Naled,PMR), TARGET (CYP,ES,MTM,Naled,PMR).

Dowd, P. F. (1985). Permethrin and Fenvalerate Hydrolysis in *Pseudoplusia includens* (Walker) and *Heliothis virescens* (F.). *Ph.D.Thesis, Louisiana State University and Agricultural & Mechanical College, Baton Rouge, LA* 383 p. (UMI#8610635).

EcoReference No.: 117840

Chemical of Concern:

ACP,ATN,CBF,CBL,CN,CPMR,CYP,CdCl,CoCl,Cu,CuCl,DEF,DEM,EDTA,EPRN,FNV,FPP,FVL,Halides,Hg,HgCl₂,MOM,MP,MPO,MgCl₂,MnCl,PFF,PMR,PPB,PRN,PSM,PTR,PbN,RSM,SFL,SPS,TBC,TLM,TPMR,ZnCl₂; Habitat: T; Effect Codes: MOR,PHY; Code: NO CONTROL (ACP,ATN,CBF,CBL,CN,CPMR,CYP,Cu,CuCl,FNV,FPP,FVL,Halides,MOM,MP,MPO,MgCl₂,PFF,PMR,PPB,PSM,RSM,SFL,TBC,TLM,TPMR,ZnCl₂), NO EFED CHEM (CdCl,CoCl,DEF,DEM,EDTA,EPRN,Hg,HgCl₂,MnCl,PRN,PbN,SPS), NO IN VITRO (ACP,ATN,CBF,CBL,CN,CYP,Cu,CuCl,FPP,FVL,MOM,MP,PFF,PPB,RSM,SFL,TLM,ZnCl₂), NO MIXTURE (PSM), TARGET (ACP,ATN,CBF,CBL,CPMR,CYP,FNV,FPP,FVL,Halides,MOM,MP,MgCl₂,PFF,PMR,PSM,SFL,TLM,TMPR).

Ebert, T. A. and Kondratieff, B. C. (1992). Effects of a Methamidophos Application on *Pasimachus elongatus* LeConte (Coleoptera: Carabidae). *J. Kans. Entomol. Soc.* 65: 151-156.

EcoReference No.: 153277

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

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:

AZ,CBL,DCF,DMT,DZ,EPRN,ES,ETN,FNV,MLN,MOM,MTM,MVP,Naled,OML,PPHD,PRN; Habitat: T; Effect Codes: GRO,POP; Code: CROP (CBL,DMT,ES,MLN,MTM,Naled,OML), EFFICACY (AZ,DCF,DZ,MOM,MVP), LITE EVAL CODED (FNV), NO EFED CHEM (EPRN,ETN,PPHD,PRN), TARGET (CBL,DMT,ES,MLN,MTM,Naled,OML).

Eigenberg, D. A., Pazdernik, T. L., and Doull, J. (1983). Hemoperfusion and Pharmacokinetic Studies with Methamidophos in the Rat. *Fundam. Appl. Toxicol.* 3: 496-501.

EcoReference No.: 88577

Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,MOR; Code: NO CONTROL (MTM), NO EXP TYPE (MTM).

Elzen, G. W. (1991). Control of Tobacco Budworm and Bollworm, 1989. *Insectic. Acaric. Tests* 16: 182-(70F).

EcoReference No.: 89145

Chemical of Concern: AMZ,BFT,CYF,CYP,MTM,OXD,PFF,SPS,TDC,TLM; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (SPS), NO MIXTURE (AMZ,MTM,OXD), TARGET (AMZ,BFT,CYF,CYP,MTM,OXD,PFF,TDC,TLM).

Espinosa, P. J., Bielza, P., Contreras, J., and Lacasa, A. (2002). Field and Laboratory Selection of *Frankliniella occidentalis* (Pergande) for Resistance to Insecticides. *Pest Manag. Sci.* 58: 920-927.

EcoReference No.: 70971

Chemical of Concern: DM,ES,FTT,MCB,MTM; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (DM,ES,FTT,MCB,MTM), TARGET (DM,ES,FTT,MCB,MTM).

Flint, H. M., Naranjo, S. E., Leggett, J. E., and Henneberry, T. J. (1996). Cotton Water Stress, Arthropod Dynamics, and Management of *Bemisia tabaci* (Homoptera: Aleyrodidae). *J. Econ. Entomol.* 89: 1288-1300.

EcoReference No.: 153305

Chemical of Concern: ACP,BPZ,FPP; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (BPZ), NO MIXTURE (ACP,FPP), TARGET (FPP).

Foster, R. E. and Buhler, W. G. (1996). Control of Insects on Potatoes, 1995. *Arthropod Manag. Tests* 21: 139-140 (78E).

EcoReference No.: 151353

Chemical of Concern: AZ,IMC,MTM,PMR,PPB,PSM; Habitat: T; Effect Codes: POP; Code: EFFICACY (AZ,IMC,MTM,PMR,PPB,PSM), NO MIXTURE (AZ,MTM,PSM).

French II, N. M., Heim, D. C., and Kennedy, G. G. (1992). Insecticide Resistance Patterns Among Colorado Potato Beetle, *Leptinotarsa decemlineata* (Say) (Coleoptera: Chrysomelidae), Populations in North Carolina. *Pestic. Sci.* 36: 95-100.

EcoReference No.: 121465

Chemical of Concern: AZ,CBF,CBL,ES,FNV,MTM,OML,PMR,PSM; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (AZ,CBF,CBL,ES,FNV,MTM,OML,PMR,PSM), NO ENDPOINT (CBL,ES,FNV,OML,PMR,PSM), TARGET (CBF,CBL,ES,FNV,MTM,OML,PMR,PSM).

Gara, R. I., Sarango, A., and Cannon, P. G. (1991). The Role of Chemical Control in an Integrated Pest Management of the Neotropical Walnut Shootborer, *Gretchena garai* (Lepidoptera: Tortricidae) in Ecuador. *J. Trop. For. Sci.* 4: 147-150.

EcoReference No.: 153348

Chemical of Concern: ACP,CBF,OXD; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (ACP,CBF,OXD), TARGET (CBF,OXD).

Gary, N. E. and Lorenzen, K. (1989). Effect of Methamidophos on Honey Bees (Hymenoptera: Apidae) During Alfalfa Pollination. *J. Econ. Entomol.* 82: 1067-1072.

EcoReference No.: 39537

Chemical of Concern: MTM; Habitat: T; Effect Codes: BEH,MOR; Code: NO ENDPOINT (MTM).

Gaughan, L. C., Engel, J. L., and Casida, J. E. (1980). Pesticide Interactions: Effects of Organophosphorus

Pesticides on the Metabolism, Toxicity, and Persistence of Selected Pyrethroid Insecticides. *Pestic. Biochem. Physiol.* 14: 81-85.

EcoReference No.: 89315

Chemical of Concern: ACP,AZ,CBL,CYP,FNV,MLN,MOM,MP,PFF,SPS,TBF,TPMR; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (MOM,MP,PFF), NO CONTROL (ACP,AZ,CBL,MOM,MP,TBF), NO EFED CHEM (SPS), NO MIXTURE (CYP,FNV,MLN,TPMR).

Gentile, A. G., Vaughan, A. W., Richman, S. M., and Eaton, A. T. (1973). Corn Pollen Germination and Tube Elongation Inhibited or Reduced by Commercial and Experimental Formulations of Pesticides and Adjuvants. *Environ. Entomol.* 2: 473-476.

EcoReference No.: 49478

Chemical of Concern: ACP,CBF,CBL,DZ,EPRN,ES,ETN,FNF,MOM,PRN,TCF,TVP; Habitat: T; Effect Codes: GRO,REP; Code: NO EFED CHEM (EPRN,ETN,FNF,PRN), NO ENDPOINT (ACP,CBF,CBL,DZ,ES,MOM,TCF,TVP).

Glickman, A. H., Wing, K. D., and Casida, J. E. (1984). Profenofos Insecticide Bioactivation in Relation to Antidote Action and the Stereospecificity of Acetylcholinesterase Inhibition, Reactivation, and Aging. *Toxicol. Appl. Pharmacol.* 73: 16-22.

EcoReference No.: 36814

Chemical of Concern: MTM,PFF; Habitat: T; Effect Codes: BCM,BEH,MOR; Code: NO CONTROL (PFF), NO ENDPOINT (MTM), NO EXP TYPE (MTM,PFF).

Gough, N. and Qayyum, A. (1987). Trials of Miticides Against Twospotted Mite and Broad Mite on Fuchsias with Comments on Phytotoxicity. *Qld.J.Agric.Anim.Sci.* 44: 21-30.

EcoReference No.: 103953

Chemical of Concern: ACP,CHX,CTZ,DCF,DIE,DMT,DZ,ES,FVL,MDT,MTM,OTQ,PMR,PPG; Habitat: T; Effect Codes: BEH,MOR,PHY; Code: NO EFED CHEM (CHX,DIE,OTQ), NO ENDPOINT (ACP,CTZ,DCF,DMT,DZ,ES,FVL,MDT,MTM,PMR,PPG).

Graves, J. B., Leonard, B. R., Clay, P. A., and Burris, E. (1997). Evaluation of Selected Insecticides and Insecticide Combinations Against Boll Weevil, Bollworm and Tobacco Budworm, 1993. *Arthropod Manag. Tests* 19: 224-(65F).

EcoReference No.: 88568

Chemical of Concern: ACP,CYF,DM,LCYT,MP,PFF,SPS,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DM,LCYT), NO EFED CHEM (SPS), NO MIXTURE (ACP,CYF,MP,PFF,TDC).

Gray, A. J., Thompson, C. M., and Fukuto, T. R. (1982). Distribution and Excretion of (14CH3S)Methamidophos after Intravenous Administration of a Toxic Dose and the Relationship with Anticholinesterase Activity. *Pestic. Biochem. Physiol.* 18: 28-37.

EcoReference No.: 35188

Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,BCM,MOR; Code: NO EXP TYPE (MTM).

Grout, T. G., Richards, G. I., and Stephen, P. R. (1997). Further Non-target Effects of Citrus Pesticides on Euseius addoensis and Euseius citri (Acari: Phytoseiidae). *Exp. Appl. Acarol.* 21: 171-177.

EcoReference No.: 64864

Chemical of Concern:

ADC,AMZ,BML,CDF,CFP,CHX,CYP,Cu,DCF,DMT,FBOX,FMP,FPN,FST,FTT,FVL,FZQ,IMC,KCB,MTM,MZB,OMT,PYX,TBO,TMP; Habitat: T; Effect Codes: MOR,REP; Code: NO EFED CHEM

(CDF,CHX,FPN,KCB), NO ENDPOINT
(ADC,AMZ,BML,CFP,CYP,Cu,DCF,DMT,FBOX,FMP,FST,FTT,FVL,FZQ,IMC,MTM,MZB,OMT,PYX,TBO,TMP), TARGET
(AMZ,CFP,CYP,DCF,DMT,FBOX,FMP,FTT,FVL,FZQ,IMC,MTM,OMT,PYX,TBO,TMP).

Grove, R. A., Buhler, D. R., Henny, C. J., and Drew, A. D. (1998). Declining Ring-Necked Pheasants in the Klamath Basin, California: I. Insecticide Exposure. *Ecotoxicology* 7: 305-312.

EcoReference No.: 88580
Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,BCM; Code: NO ENDPOINT (MTM).

Hardee, D. D. and Ainsworth, J. M. (1993). Cotton Aphid (Homoptera: Aphididae): Effect of In-Furrow Insecticides on Pesticide Resistance. *J. Econ. Entomol.* 86: 1026-1029.

EcoReference No.: 112277
Chemical of Concern: ACP,ADC,BFT,CBF,DS,ES; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,ADC,BFT,CBF,DS,ES), NO ENDPOINT (ACP,ADC,BFT,CBF,DS,ES), TARGET (ACP,BFT,CBF,DS,ES).

Harris, C. R. and Svec, H. J. (1981). Colorado Potato Beetle Resistance to Carbofuran and Several Other Insecticides in Quebec. *J. Econ. Entomol.* 74: 421-424.

EcoReference No.: 112000
Chemical of Concern: ADC,AZ,CBF,CBL,DDT,DM,EN,ES,FNV,MDT,MTM,PMR,PRT,PSM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AZ,CBF,ES,PMR,PSM), NO DURATION (ADC,DM,FNV,MDT,MTM,PRT), NO EFED CHEM (DDT,EN), NO ENDPOINT (CBL), TARGET (CBL,DM,FNV,MDT,MTM).

Hassan, S. A., Bigler, F., Bogenschutz, H., Boller, E., Brun, J., Calis, J. N. M., Coremans-Pelseneer, J., Duso, C., Grove, A., Heimbach, U., Helyer, N., Hokkanen, H., Lewis, G. B., Mansour, F., Moreth, L., Polgar, L., Samsoe-Peterson, L., Sauphanor, B., Staubli, A., Sterk, G., Vainio, A., Van de Veire, M., Viggiani, G., and Vogt, H. (1994). Results of the Sixth Joint Pesticide Testing Programme of the IOBC/WPRS-Working Group. Pesticides and Beneficial Organisms. *Entomophaga* 39: 107-119.

EcoReference No.: 50032
Chemical of Concern: ANZ,BT,CPR,CYR,CaPS,DFZ,FPP,MTM,SFR,SXD,TDM,TFR,TKY; Habitat: T; Effect Codes: PHY; Code: NO EFED CHEM (ANZ,CPR,HCZ,TDM), NO ENDPOINT (BT,CYR,CaPS,DFZ,FPP,MTM,SFR,SXD,TFR,TKY).

Hastings, F. L., Jones, A. S., and Franklin, C. K. (1981). Observations on Phytotoxicity. *Gen.Tech.Rep.SE-21, U.S.D.A., Southeast.For.Exp.Stn., Asheville, NC* 6 p.

EcoReference No.: 44231
Chemical of Concern:
ACP,CBF,CBL,CPY,CPYM,DCTP,DMT,DZ,FNF,FNT,HCCH,MOM,MTM,MXC,Naled,PIRE,PIRM,PMR,PPCP,PPX,PSM,TCF,TVP; Habitat: T; Effect Codes: MOR,PHY,POP; Code: NO CONTROL (ACP,CBF,CBL,CPY,CPYM,DCTP,DMT,DZ,FNT,MOM,MTM,Naled,PIRE,PIRM,PMR,PPX,PSM,TCF,TVP), NO EFED CHEM (FNF,HCCH,MXC,PPCP).

Hellman, J. L., Patton, T. W., Salvaggio, R. S., Vinis, L., and Grove, J. (1988). Armyworm Control in Wheat, 1985. *Insectic. Acaric. Tests* 13: 323-324 (194F).

EcoReference No.: 88862
Chemical of Concern: ACP,BFT,CBL,CPY,CYH,FVL,LCYT,MOM,MP,PMR,TAUF,TLM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL,CPY,LCYT,MOM,MP,PMR,TLM), NO ENDPOINT (ACP,BFT,FVL,TAUF), OK (CYH), TARGET (ACP,BFT,FVL,TAUF).

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

EcoReference No.: 79045

Chemical of Concern:

ADC,AZ,AZM,CBF,CBL,CBX,CHD,CPY,CPYM,CYP,DCTP,DDT,DDVP,DM,DMT,DS,DZ,DZM,EP,ES,ETN,FMP,FNF,FNT,FNTH,FNV,FYT,HCCH,IFP,IZF,MCB,MDT,MLN,MOM,MTM,MVP,MXC,NAPH,NCTN,OML,PFF,PIM,PIRE,PMR,PPCP,PPX,PRT,PSM,TBO,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ADC,AZ,CBF,CBL,CBX,CPY,CPYM,CYP,DCTP,DDVP,DM,DMT,DS,DZ,DZM,EP,ES,FMP,FNT,FNV,MCB,MDT,MLN,MOM,MVP,NAPH,NCTN,OML,PFF,PIM,PIRE,PMR,PPX,PRT,PSM,TBO,TCF), NO EFED CHEM (AZM,CHD,DDT,ETN,FNF,FNTH,FYT,HCCH,IFP,IZF,MXC,PPCP), NO ENDPOINT (MTM).

Herbert, D. A. Jr. (1998). Evaluation of Selected in-Furrow Applied Insecticides/Nematicides with and Without an Additional Foliar Insecticide Band, for Control of Thrips on Cotton, 1997. *Arthropod Manag. Tests* 23: 230-231 (70F).

EcoReference No.: 150678

Chemical of Concern: ACP,ADC,DS,IMC,PRT; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC,DS,IMC,PRT), NO MIXTURE (ACP).

Herbert, D. A. Jr., Malone, S., Aref, S., Brandenburg, R. L., Jordan, D. L., Royals, B. M., and Johnson, P. D. (2007). Role of Insecticides in Reducing Thrips Injury to Plants and Incidence of Tomato Spotted Wilt Virus in Virginia Market-Type Peanut. *J. Econ. Entomol.* 100: 1241-1247.

EcoReference No.: 111665

Chemical of Concern: ACP,ADC,PRT; Habitat: T; Effect Codes: POP; Code: CROP (ADC), NO ENDPOINT (ACP), TARGET (PRT).

Howell, M. S. and Reed, J. T. (1998). Evaluation of In-Furrow Insecticides for Control of Thrips on Cotton, 1997b. *Arthropod Manag. Tests* 23: 235-236 (74F).

EcoReference No.: 150680

Chemical of Concern: ACP,ADC,DS,IMC; Habitat: T; Effect Codes: GRO,POP; Code: NO MIXTURE (ACP,DS), OK (ADC,IMC).

Hu, J., Liang, P., Shi, X., and Gao, X. (2008). Effects of Insecticides on the Fluidity of Mitochondrial Membranes of the Diamondback Moth, *Plutella xylostella*, Resistant and Susceptible to Avermectin. *J. Insect Sci.* 8: 1-9.

EcoReference No.: 152986

Chemical of Concern: ABM,ACP,CYP,EMMB,ES,FNV; Habitat: T; Effect Codes: CEL,MOR; Code: LITE EVAL CODED (ABM,EMMB), NO IN VITRO (ACP,CYP,ES,FNV), TARGET (CYP,FNV).

Iwata, Y., Walker, G. P., O'Neal, J. R., and Barkley, J. H. (1985). Residues of Acephate, Amitraz, Chlorpyrifos and Formetanate Hydrochloride on and in Fruits After Low-Volume Applications to Orange Trees. *Pestic. Sci.* 16: 172-178.

EcoReference No.: 112336

Chemical of Concern: ACP,AMZ,CPY,FTT; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT (ACP,AMZ,CPY,FTT).

Johnson, D. R. and Studebaker, G. (1993). Control of Bollworm and Budworm in Cotton Using Insecticide Combinations, 1990. *Insectic. Acaric. Tests* 18: 234-(60F).

EcoReference No.: 150471

Chemical of Concern: ACP,CYF,EFV,LCYT,LQN,MOM,PPB,TDC,TLM; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,LQN,PPB), OK (CYF,EFV,LCYT,MOM,TDC,TLM).

Johnson, D. R. and Studebaker, G. (1993). Control of Bollworm and Budworm in Cotton Using Insecticide Combinations in South-Central Arkansas, 1991. *Insectic. Acaric. Tests* 18: 232-233 (58F).

EcoReference No.: 92308

Chemical of Concern: ACP,CYF,CYP,ES,LCYT,LQN,MOM,MP,PPB,TDC; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,ES,LQN,MOM,MP,PPB,TDC), TARGET (CYF,CYP,LCYT,LQN,MOM,MP,TDC).

Johnson, M. K., Vilanova, E., and Read, D. J. (1991). Anomalous Biochemical Responses in Tests of the Delayed Neuropathic Potential of Methamidophos (O,S-Dimethyl Phosphorothioamidate), Its Resolved Isomers and of Some Higher O-Alkyl Homologues. *Arch. Toxicol.* 65: 618-624.

EcoReference No.: 88586

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,CEL; Code: NO ENDPOINT (MTM).

Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev. Pest Control* 7: 135-143.

EcoReference No.: 70074

Chemical of Concern:

24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Captan,Cu,CuFRA,DBN,DCB,DCNA,DCPA,DDD,DDT,DDVP,DEM,DINO,DLD,DMB,DMT,DOD,DPP,DQTBr,DS,DU,DZ,DZM,EDT,EN,EP,EPRN,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,MCB,MCPA,MCPB,MCPPI,MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Maneb,NPM,Naled,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPCP,PPHD,PPN,PX,PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,Pb,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (24DXY,ACL,ADC,AMTL,ASM,ATN,ATZ,AZ,BFL,BMC,BS,BTY,CBL,CMPH,CPP,CPY,CQTC,Captan,Cu,CuFRA,DBN,DCB,DCNA,DCPA,DDVP,DMB,DMT,DOD,DQTBr,DS,DU,DZ,DZM,EP,EPTC,ES,FNT,Folpet,LNR,MCB,MCPB,MCPPI,MDT,MLH,MLN,MLT,MTM,MVP,Maneb,Naled,PCH,PCP,PHMD,PMT,PPN,PPX,PPZ,PQT,PRO,PRT,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB), NO EFED CHEM (AMTR,AND,BMN,CCA,CHD,DDT,DEM,DINO,DLD,EDT,EN,EPRN,ETN,FLAC,FMU,FNF,FNTH,HCCH,HPT,MCPA,MRX,MXC,NPM,PCL,PEB,PHSL,PPCP,PPHD,PRN,PYN,Pb,TRL,TXP,VNT,Zineb).

Kalkan, S., Ergur, B. U., Akgun, A., Kaplan, Y. C., Kinay, A. O., and Tuncok, Y. (2005). Efficacy of an Adenosine A1 Receptor Agonist Compared with Atropine and Pralidoxime in a Rat Model of Organophosphate Poisoning. *Hum. Exp. Toxicol.* 24: 369-375.

EcoReference No.: 88594

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,BEH,CEL,MOR; Code: NO CONTROL (MTM).

Kamm, J. A. and Montgomery, M. L. (1990). Reduction of Insecticide Activity by Carbon Residue Produced by Burning Grass Seed Fields After Harvest. *J. Econ. Entomol.* 83: 55-58.

EcoReference No.: 114323

Chemical of Concern: ACP,BDC,CBF,CBL,CPY,DDVP,DMT,DZ,EP,FNF,FNV,MDT,MLN,PPX; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,DMT,DZ,FNV), NO EFED CHEM (BDC,FNF), NO EFFECT (CBF,CBL,DDVP,EP,MDT,MLN,PPX), TARGET (ACP,CBF,CBL,CPY,DDVP,DMT,EP,FNV,MDT,MLN,PPX).

Kao, C. H., Cheng, E. Y., and Lin, D. F. (1986). Insecticide Resistance Study in *Plutella xylostella* (L.). VII.

Action Patterns of Insecticides and the Resistance Impacts. *J. Agric. Res. China* 35: 107-117.

EcoReference No.: 121468

Chemical of Concern:

ACP,CBF,CYP,DDVP,DM,DZ,EPRN,FNV,MDT,MOM,MTM,MVP,Naled,PFF,PIRM,PMR,PRN;

Habitat: T; Effect Codes: MOR; Code: NO CONTROL

(ACP,CBF,CYP,DDVP,DM,DZ,FNV,MDT,MOM,MTM,MVP,Naled,PFF,PIRM,PMR), NO EFED CHEM (EPRN,PRN), TARGET

(ACP,CBF,CYP,DDVP,DM,FNV,MDT,MOM,MTM,MVP,Naled,PFF,PIRM,PMR).

Kellner, T., Sanborn, J., and Wilson, B. (2000). In Vitro and In Vivo Assessment of the Effect of Impurities and Chirality on Methamidophos-Induced Neuropathy Target Esterase Aging. *Toxicol. Sci.* 54: 408-415.

EcoReference No.: 88492

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (MTM), NO EXP TYPE (MTM).

Khan, M. F. R. and Griffin, R. P. (1999). Efficacy of Insecticides on Tomato Insect Pests, 1998. *Arthropod Manag. Tests* 24: 178-179 (E93).

EcoReference No.: 88093

Chemical of Concern: AZD,CYH,FPP,IDC,LCYT,MTM; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (IDC), NO MIXTURE (AZD,MTM), TARGET (AZD,CYH,FPP,LCYT,MTM).

Korbes, D., Da Silveira, A. F., Hyppolito, M. A., and Munaro, G. (2010). Organophosphate-Related Ototoxicity: Description of the Vestibulocochlear System Ultrastructural Aspects of Guinea Pigs. *Braz. J. Otorhinolaryngology* 76: 238-244.

EcoReference No.: 152975

Chemical of Concern: MTM; Habitat: T; Effect Codes: CEL,GRO; Code: NO ENDPOINT (MTM), NO EXP TYPE (MTM).

Kostromytska, O. S., Buss, E. A., and Scharf, M. E. (2011). Toxicity and Neurophysiological Effects of Selected Insecticides on the Mole Cricket, *Scapteriscus vicinus* (Orthoptera: Gryllotalpidae). *Pestic. Biochem. Physiol.* 100: 27-34.

EcoReference No.: 153279

Chemical of Concern: ACP,BFT,FPN,IDC,IMC; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (IDC), NO EXP TYPE (ACP,BFT,FPN,IMC), TARGET (ACP,BFT,FPN,IMC).

Kumar, N. P. V. V., Murthy, M. M. K., and Reddy, G. P. V. (1988). Effective Insecticidal Schedule for Major Insect Pests of Rice (*Oryza sativa*). *Indian J. Agric. Sci.* 58: 734-735.

EcoReference No.: 153364

Chemical of Concern: ACP,CBF,CPY,CYP,DM,FNV,FYT,PRT; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (FYT), NO ENDPOINT (ACP,CBF,CPY,CYP,DM,FNV,PRT), TARGET (CBF,CYP,DM).

Lancaster, S. H., Jordan, D. L., Spears, J. F., York, A. C., Wilcut, J. W., Monks, D. W., Batts, R. B., and Brandenburg, R. L. (2005). Sicklegod (*Senna obtusifolia*) Control and Seed Production After 2,4-DB Applied Alone and with Fungicides or Insecticides. *Weed Technol.* 19: 451-455.

EcoReference No.: 90198

Chemical of Concern: 24DB,ACP,AZX,BSC,CBL,CTN,EFV,FNZ,FPP,IDC,LCYT,MOM,PRC,TEZ; Habitat: T; Effect Codes: GRO,POP,REP; Code: NO EFED CHEM (BSC,IDC,PRC), NO MIXTURE (ACP,AZX,CBL,CTN,EFV,FNZ,FPP,LCYT,MOM,TEZ), OK (24DB).

Layton, B., Hamer, J., Rector, T., and Ingram, D. (1991). Velvetbean Caterpillar and Soybean Looper Control, 1990. *Insectic. Acaric. Tests* 16: 218-(118F).

EcoReference No.: 96292

Chemical of Concern: ACP,MOM,PMR,TDC; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP), OK (PMR), TARGET (MOM,TDC).

Leidy, R. B., Sheets, T. J., and Sorensen, K. A. (1978). Residues of Acephate and Methamidophos in Greenhouse Tomatoes. *J. Am. Soc. Hortic. Sci.* 103: 392-394.

EcoReference No.: 88788

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

Leonard, B. R., Burris, E., and Graves, J. B. (1993). Evaluation of Ovasyn Mixtures Against Tobacco Budworm and Bollworm, 1991. *Insectic. Acaric. Tests* 18: 241-(70F).

EcoReference No.: 153466

Chemical of Concern: ACP,AMZ,PFF,TDC,TLM; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,AMZ,PFF,TDC), OK (TLM).

Lesser, J., Blodgett, D., and Ehrich, M. (2000). Comparison of Oxime-Initiated Reactivation of Organophosphorous-Inhibited Acetylcholinesterase in Brains of Avian Embryos. *J. Toxicol. Environ. Health Part A* 59 : 57-66.

EcoReference No.: 103335

Chemical of Concern: ACP,CPY,EPRN,PRN,TCF; Habitat: T; Effect Codes: BCM; Code: NO EFED CHEM (EPRN,PRN), NO ENDPOINT (CPY,TCF), NO EXP TYPE (ACP,CPY,TCF).

Li, X. Y., Zhang, H. W., Zhou, Q. X., Su, Z. C., and Zhang, C. G. (2005). Effects of Acetochlor and Methamidophos on Fungal Communities in Black Soils. *Pedosphere* 15: 646-652.

EcoReference No.: 88481

Chemical of Concern: ACO,MTM; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (ACO), NO ENDPOINT (MTM).

Lim, W. H. (1989). Bunchy and Malformed Top of Papaya cv. Eksotika Caused by Thrips parvispinus and Cladosporium oxysporum. *MARDI Res. J.* 17: 200-207.

EcoReference No.: 91330

Chemical of Concern: BMY,DM,MTM,MZB; Habitat: T; Effect Codes: GRO,MOR,PHY; Code: NO ENDPOINT (DM), NO MIXTURE (BMY,MTM,MZB), TARGET (DM,MTM).

Lin, K., Liu, W., Li, L., and Gan, J. (2008). Single and Joint Acute Toxicity of Isocarbophos Enantiomers to *Daphnia magna*. *J. Agric. Food Chem.* 56: 4273-4277.

EcoReference No.: 118622

Chemical of Concern: FMP,FNF,FTZ,MTM,PFF; Habitat: A; Effect Codes: MOR; Code: NO EFED CHEM (FNF), NO REVIEW (FMP,FTZ,MTM,PFF).

Linduska, J. J., Ross, M., and Rouse, R. (1993). Colorado Potato Beetle Control on Potatoes, 1992. *Insectic. Acaric. Tests* 18: 145-(76E).

EcoReference No.: 97475

Chemical of Concern: CFP,CYP,CYR,CYT,EFV,IMC,MTM,OML; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CFP,CYP,CYR,CYT,EFV,IMC,OML), NO MIXTURE (MTM).

Liu, T. X., Stansly, P. A., and Chortyk, O. T. (1996). Insecticidal Activity of Natural and Synthetic Sugar Esters

Against *Bemisia argentifolii* (Homoptera: Aleyrodidae). *J. Econ. Entomol.* 89: 1233-1239.

EcoReference No.: 119142

Chemical of Concern: CYF,MTM,PYM; Habitat: T; Effect Codes: MOR,POP; Code: NO EFED CHEM (PYM), NO MIXTURE (CYF,MTM), TARGET (MTM).

Madhavi, B., Anand, C. S., Bharathi, A., and Polasa, H. (1993). Effect of Pesticides on Growth of Rhizobia and Their Host Plants During Symbiosis. *Biomed. Environ. Sci.* 6: 89-94.

EcoReference No.: 70524

Chemical of Concern: ACP,CAP,Captan,DDT,DDVP,FNV,FPP,HCZ,SZ,Zineb; Habitat: T; Effect Codes: BCM,GRO; Code: NO EFED CHEM (DDT,HCZ,Zineb), NO ENDPOINT (ACP,CAP,Captan,DDVP,FNV,FPP,SZ).

Maharana, R. K., Dash, P. I., Padhi, S. B., and Padhi, S. P. (1986). Effect of Some Pesticides on Two Nitrogen Fixing Blue Green Algae. *Geobios* 13: 185-188.

EcoReference No.: 106138

Chemical of Concern: ACP,CBF,DU; Habitat: A; Effect Codes: BCM,POP; Code: NO ENDPOINT (ACP,CBF,DU).

Maine Department of Conservation (1978). Environmental Monitoring of Cooperative Spruce Budworm Control Projects, Maine 1976 and 1977. *Bureau of Forestry, Maine Department of Conservation, Augusta, ME* 242 p.

EcoReference No.: 98305

Chemical of Concern: ACP,CBL,FNT,MOM,PPHD,PSM,TCF; Habitat: AT; Effect Codes: ACC,BCM,POP; Code: LITE EVAL CODED (CBL), NO EFED CHEM (PPHD), NO ENDPOINT (ACP,FNT,PSM,TCF), NO PUBL AS (MOM).

Manley, D. G. and Markwell, P. (2006). Acephate and Spinosad Impact on Parasitoids of *Heliothis virescens* (F.) (Lepidoptera: Noctuidae) on Tobacco in South Carolina. *J. Entomol. Sci.* 41: 399-402.

EcoReference No.: 153354

Chemical of Concern: ACP,IMC,SS; Habitat: T; Effect Codes: MOR,POP; Code: NO EFED CHEM (SS), NO ENDPOINT (ACP,IMC).

Martel, P., Boivin, G., and Belcourt, J. (1986). Efficacy and Persistence of Different Insecticides Against the Tarnished Plant Bug, *Lygus lineolaris* (Heteroptera: Miridae), on a Season-Long Host Plant, *Coronilla varia*. *J. Econ. Entomol.* 79: 721-725.

EcoReference No.: 113425

Chemical of Concern:

ADC,AZ,CBF,DDT,DMT,DS,ES,FNT,FNV,IFP,MCB,MLN,MOM,MTM,MVP,OML,PFF,PHSL,PMR,PPX,PSM,SPS,TCF,TVP; Habitat: T; Effect Codes: MOR,POP; Code: NO EFED CHEM (DDT,IFP,PHSL,SPS), NO ENDPOINT (ADC,CBF,DMT,DS,FNT,FNV,MOM,MTM,MVP,OML,PMR,PPX,PSM), OK (AZ), TARGET (CBF,DMT,DS,ES,FNT,FNV,MCB,MLN,MOM,MTM,MVP,OML,PFF,PMR,PPX,PSM,TCF,TVP).

Mascarenhas, R. N., Fitzpatrick, B. J., Boyd, M. L., Clemens, C. G., Boethel, D. J., Vidrine, P. R., and Moore, S. H. (1997). Evaluation of Selected Experimental and Standard Insecticides Against Soybean Looper, 1996. *Arthropod Manag. Tests* 22: 314-(126F).

EcoReference No.: 92283

Chemical of Concern: ACP,CFP,EMMB,MFZ,PMR,PPB,SS,TDC,TFZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CFP,EMMB,PMR,TDC,TFZ), NO EFED CHEM (SS), NO MIXTURE

(ACP,MFZ,PPB), TARGET (ACP,MFZ).

Mashaya, N. (1993). Effect of Simulated Rain on Efficacy of Insecticide Deposits on Tobacco. *Crop Prot.* 12: 55-58.

EcoReference No.: 153509

Chemical of Concern: ACP,FNV,MOM; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (ACP,FNV), TARGET (MOM).

Mayer, F. L. Jr. (1987). Acute Toxicity Handbook of Chemicals to Estuarine Organisms. *EPA 600/8-87-017*, U.S.EPA, Gulf Breeze, FL 274 p.

EcoReference No.: 3947

Chemical of Concern:

24D,24DC,24DXY,24DXYBEE,ACD,ACL,ACP,ADC,ALSV,AMTR,AND,ANZ,ATM,ATZ,AZ,AgN,As TO,BMC,BS,CAP,CBF,CBL,CCA,CHD,CMPH,CPY,CST,CTN,CYP,Captan,CdCl,DBN,DCF,DCPA,DC TP,DDE,DDT,DDVP,DEM,DFZ,DLB,DMB,DMT,DQTB,DS,DSMA,DU,DZ,EDT,EN,EP,EPRN,EPTC, ES,ETN,FBM,FMP,FNF,FNT,FNTH,FCB,HCCH,HCCP,HMN,HPT,HgCl₂,K₂Cr₂O₇,MCB,MDT,MLN, MLT,MP,MRX,MTAS,MVP,MXC,Maneb,NTP,NaHCT,NaLS,NaPCP,Naled,PCP,PEB,PHTH,PL,PMR,P MT,PPCP,PPHD,PPX,PQT,PRN,PRO,PRT,PSM,RTN,SFR,SZ,TBC,TBF,TBTO,TCF,TDC,TEG,TFN,TM P,TPTH,TRL,VNT,Zineb,Ziram,ZnS; Habitat: A; Effect Codes: GRO,MOR,PHY,POP; Code: NO CONTROL

(24D,24DXY,24DXYBEE,ACL,ACP,ADC,ALSV,ATM,ATZ,AZ,AgN,BMC,BS,CAP,CBF,CBL,CMPH, CPY,CST,CTN,CYP,Captan,DBN,DCF,DCPA,DCTP,DDVP,DFZ,DMB,DMT,DQTB,DS,DU,DZ,EP,EP TC,ES,FMP,FNT,MCB,MDT,MLN,MLT,MP,MTAS,MVP,Maneb,NaPCP,Naled,PCP,PMR,PMT,PPX,PQ T,PRO,PRT,PSM,RTN,SFR,SZ,TBC,TBF,TBTO,TCF,TDC,TFN,TMP,Ziram,ZnS), NO EFED CHEM (24DC,ACD,AMTR,AND,ANZ,AsTO,CCA,CHD,CdCl,DDE,DDT,DEM,DLB,DSMA,EDT,EN,EPRN,E TN,FBM,FNF,FNTH,FCB,HCCH,HCCP,HMN,HPT,HgCl₂,K₂Cr₂O₇,MRX,MXC,NTP,NaHCT,NaLS,P EB,PHTH,PL,PPCP,PPHD,PRN,TEG,TPTH,TRL,VNT,Zineb).

McClanahan, R. J. (1981). Effectiveness of Insecticides Against the Mexican Bean Beetle. *J. Econ. Entomol.* 74: 163-164.

EcoReference No.: 113754

Chemical of Concern:

ACP,AZ,CBF,CBL,CYP,DM,DMT,DZ,EPRN,ES,FNV,MLN,MOM,PFF,PHSL,PMR,PRN,PSM,RTN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,AZ,CBF,CBL,CYP,DM,DMT,DZ,ES,FNV,MLN,MOM,PFF,PMR,PSM,RTN), NO EFED CHEM (EPRN,PHSL,PRN), TARGET (ACP,CBF,CBL,CYP,DM,DMT,ES,FNV,MLN,MOM,PFF,PMR,PSM,RTN).

Meyers, H. B., Johnson, D. R., and Klein, C. D. (1996). Evaluation of Selected Insecticides for Control of Bollworm and Budworm, 1995. *Arthropod Manag. Tests* 21: 258-259 (87F).

EcoReference No.: 153477

Chemical of Concern: ACP,CFP,CYF,FPP,MOM,PFF,TDC; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,MOM,PFF,TDC), OK (CFP,CYF,FPP).

Micinski, S., Scarborough, R. G., Forrester, F. D., and Graves, J. B. (1997). Efficacy of Selected Insecticide Mixtures for Bollworm/Tobacco Budworm Control, 1996. *Arthropod Manag. Tests* 22: 261-262 (68F).

EcoReference No.: 153487

Chemical of Concern: ACP,CFP,LCYT,PFF,PSM,TDC; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,CFP,PSM,TDC), OK (LCYT,PFF).

Miller, D. K., Zumba, J. X., Blouin, D. C., Bagwell, R., Burris, E., Clawson, E. L., Leonard, B. R., Scroggs, D. M., Stewart, A. M., and Vidrine, P. R. (2008). Second-Generation Glyphosate-Resistant Cotton Tolerance to

Combinations of Glyphosate with Insecticides and Mepiquat Chloride . *Weed Technol.* 22: 81-85.

EcoReference No.: 110909

Chemical of Concern: ACP,BFT,CYF,CYP,DCTP,DMT,GYP,IMC,MOM,OML,PFF,TDC; Habitat: T; Effect Codes: GRO,PHY,POP; Code: LITE EVAL CODED (BFT,CYF,GYP,MOM,OML,TDC), NO MIXTURE (ACP,CYP,DCTP,DMT,IMC,PFF).

Mitri, S. H. and Kamel, A. A. M. (1973). Initial and Residual Effect Studies of Certain Insecticides on *Spodoptera littoralis* (Boisd) in 1970 Season (Lepidoptera: Noctuidae). *Bull. Entomol. Soc. Egypt* 7: 261-264.

EcoReference No.: 153286

Chemical of Concern: CPY,DCTP,DDT,EN,HCCH,MOM,MP,MTM,PPCP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (CPY,DCTP,MOM,MP,MTM), NO EFED CHEM (DDT,EN,HCCH,PPCP), NO MIXTURE (DCTP,DDT,EN,HCCH,MP,PPCP), TARGET (DCTP,MOM,MP).

Moffett, J. O., Wilson, W. T., Stoner, A., and Wardecker, A. (1979). Effect of Fifteen Combinations of Four Management Methods on Losses of Honey Bees Caused by Spraying Insecticides on Cotton. *J. Econ. Entomol.* 72: 453-455.

EcoReference No.: 38003

Chemical of Concern: ACP,MOM,MTM; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (ACP), NO MIXTURE (MOM,MTM).

Mohapatra, S., Ahuja, A. K., Deepa, M., and Sharma, D. (2011). Residues of Acephate and Its Metabolite Methamidophos in/on Mango Fruit (*Mangifera indica* L.). *Bull. Environ. Contam. Toxicol.* 86: 101-104.

EcoReference No.: 153131

Chemical of Concern: ACP,MTM; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT (ACP,MTM).

Moore, R. B. (1975). Effects of Orthene on Soil Microorganisms. In: *Lake Ontario Environ.Lab.(LOTEL), Environmental Impact Study of Aerially Applied Orthene on a Forest and Aquatic Ecosystem, State Univ.of New York, Oswego, NY* 208-212.

EcoReference No.: 152979

Chemical of Concern: ACP; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ACP), NO ENDPOINT (ACP).

More, G. D., Kadu, N. R., and Lokhande, S. P. (1987). Field Evaluation of Some Modern Insecticides for the Control of *Leucinodes orbonalis* Gn. on Brinjal. *PKV (Punjabrao Krishi Vidyapeeth) Res J.* 11: 178.

EcoReference No.: 153287

Chemical of Concern: CBL,CPY,FNV,FYT,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (CBL,CPY,FNV,MTM), NO EFED CHEM (FYT), NO ENDPOINT (CBL,CPY,FNV,MTM), TARGET (CBL,FNV).

Moretto, A., Bertolazzi, M., Capodicasa, E., Peraica, M., Richardson, R. J., Scapellato, M. L., and Lotti, M. (1992). Phenylmethanesulfonyl Fluoride Elicits and Intensifies the Clinical Expression of Neuropathic Insults. *Arch. Toxicol.* 66: 67-72.

EcoReference No.: 88587

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,PHY; Code: NO ENDPOINT (MTM), NO EXP TYPE (MTM).

Moscioni, A. D., Engel, J. L., and Casida, J. E. (1977). Kynurenine Formamidase Inhibition as a Possible Mechanism for Certain Teratogenic Effects of Organophosphorus and Methylcarbamate Insecticides in

Chicken Embryos. *Biochem. Pharmacol.* 26: 2251-2258.

EcoReference No.: 38043

Chemical of Concern:

CBL,CMPH,DCTP,DDVP,DMT,DZ,EPRN,MLN,MP,MTM,MVP,PIRM,PPHD,PRN,PRT; Habitat: T; Effect Codes: BCM,GRO; Code: NO EFED CHEM (EPRN,PPHD,PRN), NO ENDPOINT (CMPH,DCTP,DDVP,DMT,MLN,MP,MTM,MVP,PIRM,PRT), NO EXP TYPE (CBL,CMPH,DCTP,DDVP,DMT,DZ,MLN,MP,MTM,MVP,PIRM,PRT).

Nagia, D. K., Kumar, S., and Saini, M. L. (1990). Relative Toxicity of Some Important Insecticides to Bihar Hairly Caterpillar, *Spilosoma obliqua* (Walker) (Arctiidae: Lepidoptera). *J. Entomol. Res.* 14: 60-62.

EcoReference No.: 153338

Chemical of Concern: ACP,CYP,DM,DZ,ES,FNV,FPP,FVL,MP; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (ACP,DZ), OK (ES,FNV), TARGET (CYP,DM,DZ,FPP,FVL,MP).

Nishiuchi, Y. (1990). Toxicity of Pesticides to Some Aquatic Animals. XI. Toxicity of Some Pesticides to Tadpoles. *C. A. Sel. -Environ. Pollut.* 18: 3-72754Y(JPN).

EcoReference No.: 8589

Chemical of Concern: ACP,DFZ,DPP1,DQT,KSM,MLHC,MLHD,TPM,TPR; Habitat: A; Effect Codes: MOR; Code: NO CONTROL (ACP,DFZ,DPP1,DQT,KSM,MLHC,MLHD,TPR), NO EFED CHEM (TPM), NO ENDPOINT (ACP,DFZ,DPP1,DQT,KSM,MLHC,MLHD,TPR).

Nishiuchi, Y. and Asano, K. (1979). Toxicity of Agricultural Chemicals to Some Freshwater Organisms - LIX. *Suisan Zoshoku* 27: 48-55(JPN) (ENG TRANSL).

EcoReference No.: 6954

Chemical of Concern:

ACP,ACR,AMZ,AND,ATZ,As,BCuS,BFL,BMC,BMY,BT,BTC,CAP,CHD,CPP,CPY,CPYM,CTN,CZE, Captan,Cu,CuCl,CuOH,CuOX,CuS,DCB,DCF,DDT,DDVP,DLD,DMT,DQT,DQTBr,DU,DZ,EPTC,FML, FNTH,Folpet,HCCH,HPT,HYX,LNR,LQN,MAL,MCPBNa,MDT,MITC,MLN,MOM,Maneb,NaClO,NaP CP,Ni,ODZ,PCL,PCP,PEB,PHMD,PHSL,PMT,PNB,PPCP,PPG,PPN,PPX,PPZ,PQT,PSM,QOC,RTN,SFR ,SMS,STRP,TBA,TBC,TCF,TDC,TFN,TPM,TPTH,TVP,TVPM,Ziram,Zn; Habitat: A; Effect Codes: MOR; Code: NO CONTROL (ACP,ACR,AMZ,ATZ,As,BCuS,BFL,BMC,BMY,BT,CAP,CPP,CPY,CPYM,CTN,Captan,Cu,CuCl,CuOH,CuOX,CuS,DCB,DCF,DDVP,DMT,DQT,DQTBr,DU,DZ,EPTC,Folpet,LNR,LQN,MAL,MDT,MITC, MLN,MOM,Maneb,NaPCP,PCP,PHMD,PMT,PNB,PPG,PPN,PPX,PPZ,PQT,PSM,QOC,RTN,SFR,SMS,S TRP,TBC,TCF,TDC,TFN,TVP,TVPM,Ziram,Zn), NO EFED CHEM (AND,BTC,CHD,CZE,DDT,DLD,FML,FNTH,HCCH,HPT,HYX,MCPBNa,NaClO,Ni,ODZ,PCL,PEB,PH SL,PPCP,TBA,TPM,TPTH), NO ENDPOINT (ACP,ACR,AMZ,ATZ,As,BCuS,BFL,BMC,BMY,BT,CAP,CPP,CPY,CPYM,CTN,Captan,CuCl,CuOH,C uOX,CuS,DCB,DCF,DDVP,DMT,DQT,DU,DZ,EPTC,Folpet,LNR,LQN,MAL,MDT,MITC,MLN,MOM, Maneb,NaPCP,PHMD,PMT,PNB,PPG,PPN,PPX,PPZ,PQT,PSM,QOC,RTN,SFR,SMS,TBC,TCF,TFN,TV P,Ziram).

Noetzel, D. M., Ricard, M., Holen, C., Holder, B., and Preston, D. (1988). Control of Pyrethroid Resistant Colorado Potato Beetle - Trial 2, 1986. *Insectic. Acaric. Tests* 13: 153-154 (81E).

EcoReference No.: 88820

Chemical of Concern: ADC,AZ,CYF,CYH,EFV,FNV,MTM,PMR,PPHD; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ADC,AZ,CYF,CYH,EFV,FNV,MTM,PMR), NO EFED CHEM (PPHD).

Noetzel, D. M., Wiersma, J., and Preston, D. (1987). CPB Defoliation and Potato Yields with Temik, Five Foliar and One Biological Insecticide, 1985. *Insectic. Acaric. Tests* 12: 142-143 (162).

EcoReference No.: 88638

Chemical of Concern: ADC,BFT,CYF,CYH,FNV,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ADC,BFT,CYF,CYH,FNV,MTM).

Padilla, S., Buzzard, J., and Moser, V. C. (2000). Comparison of the Role of Esterases in the Differential Age-Related Sensitivity to Chlorpyrifos and Methamidophos. *Neurotoxicology (Little Rock)* 21: 49-56.

EcoReference No.: 103617

Chemical of Concern: CPY,MTM; Habitat: T; Effect Codes: BCM; Code: NO CONTROL (CPY,MTM), NO ENDPOINT (CPY,MTM).

Padilla, S., Sung, H. J., and Moser, V. C. (2004). Further Assessment of an In Vitro Screen that may Help Identify Organophosphorus Pesticides that are more Acutely Toxic to the Young. *J. Toxicol. Environ. Health Part A* 67: 1477-1489.

EcoReference No.: 88968

Chemical of Concern: CPY,DZ,MLO,MTM; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (DZ,MLO), NO REVIEW (CPY,MTM).

Palumbo, J. C., Mullis, C. H., and Reyes, F. J. (1998). Evaluation of Conventional Insecticides for Western Flower Thrips Control in Lettuce, 1997. *Arthropod Manag. Tests* 23: 109-110 (50E).

EcoReference No.: 150749

Chemical of Concern: ACP,CYP,DMT,ES,LCYT,NMX; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,CYP,DMT,ES,LCYT), TARGET (ACP,CYP,DMT,ES,LCYT,NMX).

Pan, D. Y. and Liang, X. M. (1993). Safety Study of Pesticides on Bog Frog, a Predatory Natural Enemy of Pest in Paddy Field. *J. Hunan Agricult. Coll.* 19: 47-54(CHI) (ENG ABS).

EcoReference No.: 16056

Chemical of Concern:

24DXY,ANZ,BMY,BPZ,BTC,CAMA,CBD,CBF,CPY,CTN,CYH,CaPS,DAED,DDT,DDVP,DLD,DM,DMDP,DMT,DZ,EFV,EPRN,ES,FNT,FNV,FPP,HCCH,MCPANa,MLN,MLT,MP,MTM,NaPCP,Ni,OMT,PCH,PMT,PPCP,PPHD,PPN,PRN,SFR,SFT,TBC,TCF,TDF,TPE,TXP,Zineb,Zn; Habitat: A; Effect Codes: MOR; Code: NO CONTROL (24DXY,BMY,CBD,CBF,CPY,CTN,CYH,CaPS,DAED,DDVP,DM,DMDP,DMT,DZ,EFV,ES,FNT,FNV,FPP,MLN,MLT,MP,MTM,NaPCP,OMT,PCH,PMT,PPN,SFR,SFT,TBC,TCF,TDF,Zn), NO EFED CHEM (ANZ,BPZ,BTC,CAMA,DDT,DLD,EPRN,HCCH,MCPANa,Ni,PPCP,PPHD,PRN,TPE,TXP,Zineb), NO ENDPOINT (BMY,CBD,CBF,CPY,CTN,CYH,DAED,DDVP,DM,DMDP,DMT,DZ,EFV,ES,FNT,FNV,FPP,MLN,MLT,MP,MTM,NaPCP,OMT,PCH,PMT,PPN,SFR,SFT,TBC,TCF,TDF).

Plapp, F. W. Jr. (1976). Chlordimeform as a Synergist for Insecticides Against the Tobacco Budworm. *J. Econ. Entomol.* 69: 91-92.

EcoReference No.: 114517

Chemical of Concern:

ACP,CBL,CPY,CPYM,DFZ,DMT,DZ,FNT,MLN,MOM,MP,PSM,PYN,TCF,TMT,TXP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,CBL,CPY,CPYM,DFZ,DMT,DZ,FNT,MLN,MOM,MP,PSM,TCF,TMT), NO EFED CHEM (PYN,TXP), TARGET (ACP,CBL,CPY,CPYM,DFZ,DMT,FNT,MLN,MOM,MP,PSM,TCF).

Pree, D. J., Archibald, D. E., and Cole, K. J. (1990). Insecticide Resistance in Spotted Tentiform Leafminer (Lepidoptera: Gracillariidae): Mechanisms and Management. *J. Econ. Entomol.* 83: 678-685.

EcoReference No.: 113749

Chemical of Concern: ACP,AZ,CBL,DMT,DZ,MLN,MOM,MP,MTM,MVP,PMR,PPB,PSM,TBF,TVP;
Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL
(ACP,CBL,DMT,DZ,MLN,MOM,MP,MTM,MVP,PMR,PSM,TVP), NO MIXTURE (PPB,TBF),
TARGET (ACP,AZ,CBL,DMT,MLN,MOM,MP,MTM,MVP,PMR,PSM,TVP).

Prieto, A., Molero, D., Gonzalez, G., Buscema, I., Ettiene, G., and Medina, D. (2002). Persistence of
Methamidophos, Diazinon, and Malathion in Tomatoes. *Bull. Environ. Contam. Toxicol.* 69: 479-485.

EcoReference No.: 89040
Chemical of Concern: DZ,MLN,MTM; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT
(DZ,MLN,MTM).

Proctor, N. H., Moscioni, A. D., and Casida, J. E. (1976). Chicken Embryo NAD Levels Lowered by Teratogenic
Organophosphorus and Methylcarbamate Insecticides. *Biochem. Pharmacol.* 25: 757-762.

EcoReference No.: 84915
Chemical of Concern: ADC,CBF,CBL,DCTP,DS,DZ,EPRN,MP,MTM,Naled,PPHD,PRN,PSM,TBF;
Habitat: T; Effect Codes: GRO; Code: NO EFED CHEM (EPRN,PPHD,PRN), NO ENDPOINT
(ADC,CBF,CBL,DCTP,DS,DZ,MP,MTM,Naled,PSM,TBF), NO EXP TYPE
(ADC,CBF,CBL,DCTP,DS,DZ,MP,MTM,Naled,PSM,TBF).

Ragenovich, I. R., Schmid, J. M., Bennett, D. D., Barry, J. W., and Richmond, C. E. (1986). Field Evaluations of
Four Insecticides Against the Pandora Moth, 1982. *Insectic. Acaric. Tests* 11: 426-(563).

EcoReference No.: 88793
Chemical of Concern: ACP,DFZ,MLN; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT
(ACP,DFZ,MLN).

Rao, C. S., Rao, N. V., and Razvi, S. A. (1985). Chemical Control as Ecological Basis in Rice Pest Management.
Pesticides 19: 20-23.

EcoReference No.: 109033
Chemical of Concern: CBF,CPY,DZ,EFV,EP,MTM,PRT; Habitat: T; Effect Codes: GRO,POP; Code:
NO ENDPOINT (CBF,CPY,DZ,EFV,EP,MTM,PRT).

Ray, A. N. (1985). Chemical Control of Rice Leaf-Folder Larva *Cnaphalocrocis medinalis* Guenee. *Pesticides* 19:
46-49.

EcoReference No.: 153281
Chemical of Concern: DCTP,DDVP,MTM; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT
(DCTP,DDVP,MTM), TARGET (DCTP,DDVP).

Redak, R. A. and Bethke, J. A. (1996). Control of a Serpentine Leafminer on Chrysanthemum Under Greenhouse
Conditions, Winter, 1995. *Arthropod Manag. Tests* 21: 355-(61G).

EcoReference No.: 119452
Chemical of Concern: ABM,ACP,BFT,IMC; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE
(ACP), TARGET (ABM,ACP,BFT,IMC).

Ro, T. H. (1995). Analysis and Simulation of the Dynamics of a *Myzus persicae* (Homoptera: Aphididae)-Predator
Complex Community in the Central Basin of Washington. *Ph.D Thesis, Washington State University* 137
p. (UMI#9640194).

EcoReference No.: 117625
Chemical of Concern: DS,MTM,PIM; Habitat: T; Effect Codes: POP,REP; Code: NO ENDPOINT
(DS,MTM,PIM), TARGET (DS,MTM,PIM).

Robertson, J. L., Lyon, R. L., Shon, F. L., and Gillette, N. L. (1972). Contact Toxicity of Twenty Insecticides Applied to *Symmerista canicosta*. *J. Econ. Entomol.* 65: 1560-1562.

EcoReference No.: 114519

Chemical of Concern: CBL,CPY,DDT,FNT,FNTH,MLN,MOM,MTM,PPX,PSM,PYT,TCF,TVP; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (CBL,CPY,FNT,MLN,MOM,MTM,PPX,PSM,TCF,TVP), NO EFED CHEM (DDT,FNTH,PYT), TARGET (CBL,CPY,FNT,MLN,MOM,MTM,PPX,PSM,TCF,TVP).

Robinson, C. P. and Beiergrohslain, D. (1980). Cholinesterase Inhibition by Methamidophos and Its Subsequent Reactivation. *Pestic. Biochem. Physiol.* 13: 267-273.

EcoReference No.: 88575

Chemical of Concern: MTM; Habitat: T; Effect Codes: BCM,MOR; Code: NO EXP TYPE (MTM).

Rodriguez, L. M., Ostheimer, E., Woolwine, A., Reagan, T. E., Pollet, D. K., and White, W. H. (1995). Efficacy of Aerial Application of Selected Insecticides Against Sugarcane Borer, 1994. *Arthropod Manag. Tests* 20: 254-255 (131F).

EcoReference No.: 153474

Chemical of Concern: ACP,AZ,CYF,EFV,LCYT,TUZ; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,AZ,CYF), OK (EFV,LCYT,TUZ).

Rodriguez, L. M., Ostheimer, E. A., Reagan, T. E., and White, W. H. (1994). Small Plot Insecticide Trials, 1993. *Arthropod Manag. Tests* 19: 278-279 (142F).

EcoReference No.: 153496

Chemical of Concern: ACP,AZ,CPY,CYF,CYP,EFV,MFZ,TUZ; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP), OK (CPY,EFV), TARGET (AZ,CYF,CYP,MFZ,TUZ).

Rodriguez, L. M., Reagan, T. E., and White, W. H. (1994). Efficacy of Aerial Application of Selected Insecticides Against Sugarcane Borer, 1993. *Arthropod Manag. Tests* 19: 279-280 (143F).

EcoReference No.: 153464

Chemical of Concern: ACP,AZ,CBF,CYF,EFV; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,AZ), OK (CBF,CYF,EFV).

Rose, R. L., Leonard, B. R., Sparks, T. C., and Graves, J. B. (1990). Enhanced Metabolism and Knockdown Resistance in a Field Versus a Laboratory Strain of the Soybean Looper (Lepidoptera: Noctuidae). *J. Econ. Entomol.* 83: 672-677.

EcoReference No.: 121187

Chemical of Concern: ACP,MOM,PMR,PPB,TPMR; Habitat: T; Effect Codes: MOR; Code: NO REVIEW(ACP).

Roush, R. T. and Plapp, F. W. (1982). Biochemical Genetics of Resistance to Aryl Carbamate Insecticides in the Predaceous Mite, *Metaseiulus occidentalis*. *J. Econ. Entomol.* 75: 304-307.

EcoReference No.: 113461

Chemical of Concern: ACP,BMY,DMT,HPT,MOM,PMR,PPX; Habitat: T; Effect Codes: MOR,REP; Code: NO EFED CHEM (HPT), NO ENDPOINT (ACP,DMT,MOM,PMR,PPX), OK (BMY), TARGET (ACP,DMT,MOM,PMR,PPX).

Rovesti, L. and Deseo, K. V. (1991). Compatibility of Pesticides with the Entomopathogenic Nematode, *Heterorhabditis heliothidis*. *Nematologica* 37: 113-116.

EcoReference No.: 102311

Chemical of Concern: ACP,CBF,DZ,GYP,LNR,MOM,PPHD,PQT,TBO,TFN; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (PPHD), NO ENDPOINT (ACP,CBF,DZ,GYP,LNR,MOM,PQT,TBO,TFN).

Scherholz de Castro, V. L. and Chiorato, S. H. (2007). Effects of Separate and Combined Exposure to the Pesticides Methamidophos and Chlorothalonil on the Development of Suckling Rats. *Int. J. Hyg. Environ. Health* 210: 169-176.

EcoReference No.: 101859

Chemical of Concern: CTN,MTM; Habitat: T; Effect Codes: GRO,MOR; Code: NO EXP TYPE (CTN,MTM).

Schuster, D. J. (1998). Control of Armyworm and Pepper Weevil on Bell Pepper, Fall 1996. *Arthropod Manag. Tests* 23: 116-117 (59E).

EcoReference No.: 153499

Chemical of Concern: ALSV,FAZ,LCYT,MOIL,MTM,NMX,OML; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ALSV,FAZ,MOIL,MTM,NMX,OML), OK (LCYT).

Schuster, D. J. (1998). Control of Armyworms and Pepper Weevil on Bell Pepper, Spring 1997. *Arthropod Manag. Tests* 23: 117-118 (61E).

EcoReference No.: 150732

Chemical of Concern: CFP,IMC,MTM,OML,PSM; Habitat: T; Effect Codes: POP; Code: EFFICACY (CFP), NO MIXTURE (MTM,OML), OK (IMC,PSM).

Schuster, D. J. (1995). Control of Insects on Fresh Market Tomatoes in West-Central Florida, Spring, 1994. *Arthropod Manag. Tests* 20: 134-136 (97E).

EcoReference No.: 153508

Chemical of Concern: ES,FPP,IMC,MTM,NMX,PMZ; Habitat: T; Effect Codes: GRO,POP; Code: NO EFED CHEM (PMZ), NO MIXTURE (ES,FPP,IMC,MTM,PMZ), OK (NMX).

Schuster, D. J. (1994). Insect Control on Fresh Market Tomatoes in West-Central Florida, Spring, 1993. *Arthropod Manag. Tests* 19: 150-152 (116E).

EcoReference No.: 121458

Chemical of Concern: ABM,ES,FPP,MTM,PMR,PMZ; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (PMZ), NO MIXTURE (ES,FPP,MTM,PMR), OK (ABM).

Schuster, D. J. (1996). Insect Management of Fresh Market Tomatoes in West-Central Florida, Spring, 1995. *Arthropod Manag. Tests* 21: 185-186 (132E).

EcoReference No.: 153339

Chemical of Concern: CYF,FPP,IMC,LCYT,MTM,NMX,PYX; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (FPP,MTM), OK (CYF,IMC,LCYT,NMX,PYX).

Schuster, D. J. and Polston, J. E. (1997). Management of Whiteflies and Armyworm on Fresh Market Tomatoes, Fall, 1995. *Arthropod Manag. Tests* 22: 180-181 (109E).

EcoReference No.: 153497

Chemical of Concern: ABM,CPY,EFV,FYC,IMC,LCYT,MTM,NMO,NMX,OML,PMZ; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (PMZ), NO MIXTURE (CPY,EFV,FYC,MTM,NMO,OML,PMZ), OK (ABM,IMC,LCYT,NMX).

Scroggs, D. M., Miller, D. K., Griffin, J. L., Geaghan, J. P., Vidrine, P. R., and Stewart, A. M. (2005). Glyphosate Efficacy on Selected Weed Species is Unaffected by Chemical Coapplication. *Weed Technol.* 19: 1012-1016.

EcoReference No.: 102837

Chemical of Concern: ACP,ACT,BFT,CYF,CYP,DCTP,DMT,GYP,IDC,IMC,LCYT,MFZ,SS,TMX;
Habitat: T; Effect Codes: GRO,POP; Code: NO EFED CHEM (ACT,IDC,SS,TMX), NO ENDPOINT (GYP), NO MIXTURE (ACP,BFT,CYF,CYP,DCTP,DMT,IMC,LCYT,MFZ).

Seifert, J. and Casida, J. E. (1978). Relation of Yolk Sac Membrane Kynurenine Formamidase Inhibition to Certain Teratogenic Effects of Organophosphorus Insecticides and of Carbaryl and Eserine in Chicken Embryos. *Biochem. Pharmacol.* 27: 2611-2615.

EcoReference No.: 38708

Chemical of Concern: CBL,DCTP,DDVP,DZ,MLN,MTM,PRT; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (CBL,DCTP,DDVP,DZ,MLN,MTM,PRT), NO EXP TYPE (CBL,DCTP,DDVP,DZ,MLN,MTM,PRT).

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

EcoReference No.: 88676

Chemical of Concern:

ACP,ADC,BMY,CBD,CBF,CBL,DMT,DMZ,DOD,DU,ETU,FMU,FTT,FTTCL,GYP,LNR,MLNR,MOM, Maneb,PHMD,PPX,PZM,THM; Habitat: T; Effect Codes: CEL,PHY; Code: LITE EVAL CODED (CBF,CBL,DMT,ETU,FTTCL,LNR,Maneb), NO BACTERIA (ACP,ADC,BMY,CBD,DMZ,DOD,DU,FMU,FTT,GYP,MLNR,MOM,PHMD,PPX,PZM), NO EFED CHEM (FMU), OK (THM).

Semtner, P. J. and Wilkinson III, W. B. (1995). Aphid and Flea Beetle Control of Tobacco Grown in Fumigated Soil, 1994. *Arthropod Manag. Tests* 20: 261-262 (138F).

EcoReference No.: 153396

Chemical of Concern: ACP,ADC,CPY,FMP; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,CPY,FMP), OK (ADC).

Senthilkumar, T., Vinola, K., and Jeyachandran, S. (2007). Effect of the Pesticide Acephate on the Marine Cyanobacterium *Hapalosiphon welwitschii* W.et. G.S. West. *Seaweed Res. Util.* 29: 233-238.

EcoReference No.: 152977

Chemical of Concern: ACP; Habitat: A; Effect Codes: BCM,GRO,POP; Code: NO ENDPOINT (ACP).

Sewell, G. H. and Storch, R. H. (1991). Irish Potato, Control of Colorado Potato Beetle, 1990. *Insectic. Acaric. Tests* 16: 98-100 (63E).

EcoReference No.: 150704

Chemical of Concern: ADC,CYT,DS,EFV,MTM,PMR,RH9,TNT; Habitat: T; Effect Codes: POP; Code: NO CONTROL (CYT,MTM,PMR), NO EFED CHEM (TNT), NO ENDPOINT (CYT,MTM,PMR), NO MIXTURE (MTM,RH9), TARGET (ADC,CYT,DS,EFV,MTM,RH9).

Sewell, G. H. and Storch, R. H. (1988). Irish Potato, Control of Potato Infesting Aphids, 1986. *Insectic. Acaric. Tests* 13: 164-165 (94E).

EcoReference No.: 88818

Chemical of Concern: ADC,BFT,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ADC,BFT,MTM), TARGET (BFT,MTM).

Sewell, G. H. and Storch, R. H. (1988). Irish Potato, Control of Potato Infesting Aphids, 1987. *Insectic. Acaric. Tests* 13: 162-163 (92E).

EcoReference No.: 88819

Chemical of Concern: ADC,BFT,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ADC,BFT,MTM), TARGET (BFT,MTM).

Sewell, G. H. and Storch, R. H. (1993). Irish Potato, Control of Potato-Infesting Aphids, 1992. *Insectic. Acaric. Tests* 18: 153 (85E).

EcoReference No.: 150734

Chemical of Concern: DS,IMC,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (DS,IMC), NO ENDPOINT (DS,IMC,MTM), TARGET (DS,IMC,MTM).

Sewell, G. H. and Storch, R. H. (1994). Irish Potato, Control of Potato Infesting Aphids, 1993. *Arthropod Manag. Tests* 19: 120-121 (81E).

EcoReference No.: 112610

Chemical of Concern: DS,MTM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (MTM), NO ENDPOINT (MTM), NO MIXTURE (DS), TARGET (DS,MTM).

Shaw, J. T., Weinzierl, R., and Finger, J. W. (1998). Efficacy of Selected Conventional and Experimental Insecticides for Control of European Corn Borer on Snap Beans, 1997. *Arthropod Manag. Tests* 23: 75-76 (5E).

EcoReference No.: 150708

Chemical of Concern: ACP,BFT,MP,PMR,SS; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (SS), NO MIXTURE (ACP,MP), OK (BFT,PMR).

Shea, P. J. (1977). Testing of Chemical and Microbial Insecticides for Safety. Some Techniques. *Bull. Entomol. Soc. Am.* 23: 176-178.

EcoReference No.: 110947

Chemical of Concern: ACP,CBL,DFZ; Habitat: AT; Effect Codes: ACC,BCM; Code: NO ENDPOINT (ACP,CBL,DFZ).

Shelton, A. M., Wilsey, W. T., and Schmaedick, M. A. (1998). Management of Onion Thrips (Thysanoptera: Thripidae) on Cabbage by Using Plant Resistance and Insecticides. *J. Econ. Entomol.* 91: 329-333.

EcoReference No.: 114925

Chemical of Concern:

ACP,CYP,DMT,DXD,EFV,EPRN,FTTCL,IMC,LCYT,MOM,MP,MVP,Naled,PMR,PRN; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PRN), NO ENDPOINT (ACP,CYP,DMT,EFV,FTTCL,IMC,LCYT,MOM,MP,MVP,Naled,PMR), TARGET (ACP,CYP,DMT,EFV,FTTCL,IMC,LCYT,MOM,MP,MVP,Naled,PMR).

Siltanen, H. and Rosenberg, C. (1977). Residue Analyses of the Official Testing of Pesticides, 1976. In: *Publs.of the State Inst.of Agric.Chem., Helsinki, Finland, State Inst.of Agric.Chem.* 12: 68 p.

EcoReference No.: 94464

Chemical of Concern:

BMN,BMY,CBD,CBF,CPP,CQTC,CZE,Cu,DCNA,DFQ,DINO,DPP1,EFS,EPH,EPTC,GYP,IFP,ILL,LN R,MBZ,MCPA,MTM,MTZ,MZB,Maneb,Naled,PCH,PHMD,PMT,SZ,TBA,TFR,TPM,TYF,TZL; Habitat: T; Effect Codes: ACC; Code: NO CONTROL (BMY,CBD,CBF,CPP,CQTC,Cu,DCNA,DFQ,DPP1,EPH,EPTC,GYP,LNR,MBZ,MTM,MZB,Maneb,Naled,PCH,PHMD,PMT,SZ,TFR), NO EFED CHEM

(BMN,CZE,DINO,EFS,IFP,ILL,MCPA,MTZ,TBA,TPM,TYF,TZL), NO ENDPOINT
(BMY,CBD,CBF,CPP,CQTC,Cu,DCNA,DFQ,DPP1,EPH,EPTC,GYP,LNR,MBZ,MTM,MZB,Maneb,Naled,PCH,PHMD,PMT,SZ,TFR).

Sirota, J. M., Grafius, E., Boylan-Pett, W., Bommarito, M., Ferrari, B., Kolarik, P., Scriber, B., and Tindall, M. (1993). Colorado Potato Beetle Control, 1992. *Insectic. Acaric. Tests* 18: 156-159 (88E).

EcoReference No.: 105850

Chemical of Concern: CFP,CYT,EFV,FPP,FTZ,IMC,MTM,PPB,PSM; Habitat: T; Effect Codes: PHY,POP; Code: EFFICACY (CFP), NO MIXTURE (EFV,MTM,PPB,PSM), OK (CYT,FTZ,IMC), TARGET (FPP).

Slama, K. and Miller, T. A. (1987). Insecticide Poisoning: Disruption of a Possible Autonomic Function in Pupae of *Tenebrio molitor*. *Pestic. Biochem. Physiol.* 29: 25-34.

EcoReference No.: 112441

Chemical of Concern:

ACP,ATN,BRSM,CBF,CYP,DDT,DDVP,DM,DS,FNV,HCCH,MLN,MOM,MTM,MVP,OMT,PIM,PIRM,PMR,PPCP,PPX,PYN,SMT; Habitat: T; Effect Codes: GRO,MOR,PHY; Code: NO CONTROL (ACP,ATN,BRSM,CBF,CYP,DDVP,DM,DS,FNV,MLN,MOM,MTM,MVP,OMT,PIM,PIRM,PMR,PPX,SMT), NO EFED CHEM (DDT,HCCH,PPCP,PYN), TARGET (ACP,ATN,BRSM,CBF,CYP,DDVP,DM,DS,FNV,MLN,MOM,MTM,MVP,OMT,PIM,PIRM,PMR,PPX,SMT).

Smilowitz, Z., Wallace, J., Gurecki, T., Rebarchak, P., and Yocum, J. O. (1986). Foliar Insecticide Efficacy Trial, 1984. *Insectic. Acaric. Tests* 11: 174-178 (230).

EcoReference No.: 88766

Chemical of Concern: ADC,CYT,FNV,MTM,PMR,PPB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (ADC,CYT,FNV,MTM,PMR), NO MIXTURE (PPB), TARGET (CYT,FNV,MTM,PMR).

Smith, F. F., Webb, R. E., Dickerson, J. A., and Everett, H. W. (1975). Willow Beaked-Gall Midge: Control by Insecticides and Pruning. *J. Econ. Entomol.* 68: 392-394.

EcoReference No.: 114957

Chemical of Concern: ACP,AZ,DCTP,DEM,DS,FNTH,MDT,OXD,PRT; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (DEM,FNTH), NO ENDPOINT (ACP,AZ,DCTP,DS,MDT,OXD,PRT).

Smitley, D. R. and Davis, T. W. (1995). Whitefly Control on Crabapple Trees, 1994. *Arthropod Manag. Tests* 20: 295-(44G).

EcoReference No.: 119432

Chemical of Concern: ACP,FPP,IMF; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP,FPP), TARGET (ACP,FPP).

Sorensen, K. A. and Holloway, C. W. (1998). Control of Lepidopterous Larvae with Insecticides, 1997. *Arthropod Manag. Tests* 23: 87-(20E).

EcoReference No.: 153436

Chemical of Concern: ACP,EFV,FPP,MTM; Habitat: T; Effect Codes: PHY,POP; Code: NO MIXTURE (ACP,MTM), OK (EFV,FPP).

Sorensen, K. A. and Kidd, K. A. (1992). Colorado Potato Beetle Control with Traditional Insecticides, 1991. *Insectic. Acaric. Tests* 17: 140-(85E).

EcoReference No.: 97486

Chemical of Concern: CYR,EFV,ES,MTM,OML; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CYR), NO MIXTURE (ES,MTM), OK (EFV,OML).

Sparks, A. N. Jr. (1993). Evaluation of Preventive and Rescue Sprays for SPWF on Potted Tomatoes, 1990. *Insectic. Acaric. Tests* 18: 183-(113E).

EcoReference No.: 121390

Chemical of Concern: ABM,ACP,DMT,EFV,ES,MOM,PMR,SFR; Habitat: T; Effect Codes: POP; Code: NO CONC (ABM,ACP,DMT,EFV,ES,MOM,PMR), TARGET (ABM,ACP,DMT,EFV,ES,MOM,PMR,SFR).

Speese III, J. (1997). Comparison of Insect Control on Two Cultivars of BT Transgenic and Non-Transgenic Cotton. *Arthropod Manag. Tests* 22: 267-268 (75F).

EcoReference No.: 153452

Chemical of Concern: ACP,MP; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (ACP,MP), NO MIXTURE (ACP).

Stansly, P. A. and Cawley, B. M. (1994). Control of Immature Sweetpotato Whitefly (SPWF) on Staked Tomato, Spring, 1992. *Arthropod Manag. Tests* 19: 156-158 (122E).

EcoReference No.: 97786

Chemical of Concern: AMZ,AZD,BFT,BPZ,ES,FPP,FSTAL,IMC,MSO,MTM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (FSTAL), NO EFED CHEM (BPZ), NO MIXTURE (MTM), TARGET (AMZ,AZD,BFT,ES,FPP,IMC,MSO,MTM).

Stansly, P. A. and Cawley, B. M. (1993). Control of Sweetpotato Whitefly Tomato Pinworm and American Serpentine Leafminer on Staked Tomato, Fall 1991. *Insectic. Acaric. Tests* 18: 184-(114E).

EcoReference No.: 76229

Chemical of Concern: EFV,MTM,OML,PMR; Habitat: T; Effect Codes: MOR,PHY,POP; Code: NO MIXTURE (EFV,MTM,PMR), OK (OML).

Stansly, P. A. and Conner, J. M. (1994). Control of Immature Sweetpotato Whitefly (SPWF) and Tomato Pinworm (TPW) in Staked Tomato, Spring, 1993. *Arthropod Manag. Tests* 19: 159-160 (124E).

EcoReference No.: 121259

Chemical of Concern: EFV,LCYT,MTM,PMR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (PMR), NO MIXTURE (MTM), OK (EFV,LCYT).

Stromborg, K. L., McEwen, L. C., and Lamont, T. (1984). Organophosphate Residues in Grasshoppers from Sprayed Rangelands. *Chem. Ecol.* 2: 39-45.

EcoReference No.: 103507

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

Szeto, S. Y., Mackenzie, J. R., and Brown, M. J. (1984). Disappearance of Dimethoate, Methamidophos and Pirimicarb in Lettuce. *J. Environ. Sci. Health B* 19: 225-235.

EcoReference No.: 117850

Chemical of Concern: DMT,MTM,PIM; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT (DMT,MTM,PIM).

Tanigoshi, L. K. and Fargerlund, J. (1984). Implications of Parathion Resistance and Toxicity of Citricultural

Pesticides to a Strain of *Euseius hibisci* (Chant) (Acarina:Phytoseiidae) from the San Joaquin Valley of California. *J. Econ. Entomol.* 77: 789-793.

EcoReference No.: 114906

Chemical of Concern: ACP,CBL,CHX,CPY,DCF,DMT,FBOX,MDT,MLN,MOM,OTQ,PPG; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ACP,CBL,CPY,DCF,DMT,FBOX,MDT,MLN,MOM,PPG), NO EFED CHEM (CHX,OTQ), TARGET (ACP,CBL,CPY,DCF,DMT,FBOX,MDT,MLN,MOM,PPG).

Torres, M. E. H., Gonzalez, F. J. E., Cano, M. L. C., Frias, M. M., and Vidal, J. L. M. (2002). Residues of Methamidofos, Malathion, and Methiocarb in Greenhouse Crops. *J. Agric. Food Chem.* 50: 1172-1177.

EcoReference No.: 90676

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

Uthamasamy, S., Kumaresan, D., Menon, P. P. V., and Jayaraj, S. (1976). Biochemical Changes in Egg-Plant (*Solanum melongena*) due to Insecticidal Sprays in Relation to the Mite Incidence. *Indian J. Exp. Biol.* 14: 639-640.

EcoReference No.: 55033

Chemical of Concern: ACP,CBL,DCTP,ES,PHSL; Habitat: T; Effect Codes: BCM,POP; Code: NO EFED CHEM (PHSL), NO ENDPOINT (ACP,CBL,DCTP,ES).

Wali-Ur-Rahman and Chaudhry, M. I. (1991). Control of Oak Defoliator *Gazalina chrysolopha* Kollar. *Pak. J. For.* 41: 89-93.

EcoReference No.: 153292

Chemical of Concern: ACP,CBL,DFZ,MLN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (ACP,DFZ), OK (CBL,MLN).

Wang, Y., Li, G., Deng, X., Din, S., and Su, J. (1997). Susceptibility to Insecticides of Brown Planthopper *Nilaparvata lugens* in the Lower Yangtze Valley. *Int. Rice Res. Notes* 22: 41-42.

EcoReference No.: 91575

Chemical of Concern: BPZ,CBF,CBL,DDVP,DM,EPRN,FNT,FNV,MP,MTM,PRN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (CBL,FNV,MP,MTM), NO EFED CHEM (BPZ,EPRN,PRN), TARGET (CBF,CBL,DDVP,DM,FNT,FNV,MP,MTM).

Watrin, C. G. and Radcliffe, E. B. (1986). Control of Colorado Potato Beetle Larvae with Foliar Insecticides, 1985. *Insectic. Acaric. Tests* 11: 182-183 (234).

EcoReference No.: 88800

Chemical of Concern: AZ,BFT,CBF,CBL,CYF,FNV,LCYT,MP,MTM,OXD,PIM,PMR,TAUF; Habitat: T; Effect Codes: PHY,POP; Code: NO ENDPOINT (AZ,BFT,CBF,CBL,CYF,FNV,LCYT,MP,MTM,OXD,PIM,PMR,TAUF).

Weaver, J. E. and Smith, B. D. (1993). Allegheny Mound Ant Control, Grant Co., WV, 1992. *Insectic. Acaric. Tests* 18: 337-338 (63G).

EcoReference No.: 120050

Chemical of Concern: ACP,CYF,CYP,DZ,LCYT; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ACP,CYF,CYP,DZ,LCYT), NO ENDPOINT (ACP,CYF,CYP,DZ,LCYT).

Webb, D. R. and Eckenrode, C. J. (1991). Pesticide Evaluations to Selected Insect Pest of Beans, 1990. *Insectic. Acaric. Tests* 16: 54-55 (5E).

EcoReference No.: 153415

Chemical of Concern: ACP,CPY,Captan,EFV; Habitat: T; Effect Codes: POP; Code: NO CONTROL (ACP,CPY,Captan,EFV), NO ENDPOINT (ACP,CPY,Captan,EFV), NO MIXTURE (EFV).

Webb, D. R., Eckenrode, C. J., and Hessney, M. L. (1992). Pesticide Evaluations for Selected Insect Pest of Beans, 1991. *Insectic. Acaric. Tests* 17: 79-(5E).

EcoReference No.: 91150

Chemical of Concern: ACP,Captan,EFV; Habitat: T; Effect Codes: PHY,POP; Code: NO CONC (Captan), NO ENDPOINT (ACP,Captan,EFV), NO MIXTURE (EFV).

Webb, S. E. (1993). Control of Insect Pests of Squash, 1992. *Insectic. Acaric. Tests* 18: 169-(100E).

EcoReference No.: 153418

Chemical of Concern: ACP,BFT,ES,FPP; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (ACP), OK (ES), TARGET (BFT,FPP).

Weinberger, P., Pomber, L., and Prasad, R. (1978). The Responses of White Spruce and Yellow Birch to Some Selected Organophosphorus Insecticides and the Adjuvants Atlox and Arotex. *J. Exp. Bot.* 29: 479-487.

EcoReference No.: 43839

Chemical of Concern: ACP,FNT,PPHD; Habitat: T; Effect Codes: GRO,PHY,REP; Code: NO EFED CHEM (PPHD), NO ENDPOINT (ACP,FNT).

Weintraub, P. G. and Horowitz, A. R. (1998). Effects of Translaminar Versus Conventional Insecticides on *Liriomyza huidobrensis* (Diptera: Agromyzidae) and *Diglyphus isaea* (Hymenoptera: Eulophidae) Populations in Celery. *J. Econ. Entomol.* 91: 1180-1185.

EcoReference No.: 114959

Chemical of Concern: ABM,CYP,CYR,MOM,MTM; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (ABM,CYP,CYR,MOM,MTM), TARGET (ABM,CYP,CYR,MOM,MTM).

Wing, K. D., Glickman, A. H., and Casida, J. E. (1983). Oxidative Bioactivation of S-Alkyl Phosphorothiolate Pesticides: Stereospecificity of Profenofos Insecticide Activation. *Science* 219: 63-65.

EcoReference No.: 100559

Chemical of Concern: EP,EPRN,MTM,PFF,PPB,PRN,TBF; Habitat: T; Effect Codes: BCM; Code: NO EFED CHEM (EPRN,PRN), NO ENDPOINT (EP,PFF,PPB), NO EXP TYPE (EP,MTM,PFF,PPB,TBF), NO IN VITRO (MTM,TBF).

Woolwine, A. E., Rodriguez, L. M., Ostheimer, E. A., and Reagan, T. E. (1995). Effects of Aerially Applied Insecticides for Sugarcane Borer Control on Non-Target Arthropods, 1994. *Arthropod Manag. Tests* 20: 257-(134F).

EcoReference No.: 119966

Chemical of Concern: ACP,AZ,CYF,EFV,LCYT,TUZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (EFV,LCYT,TUZ), NO MIXTURE (ACP,AZ,CYF).

Wu, Y., Shu, X., Ying, J., Yang, Y., and Wu, J. (1984). Toxic Effects of Methamidophos on Grass Carp (*Ctenopharyngodon idellus*), Silver Carp (*Hypophthalmichthys molitrix*) and Nile Tilapia (*Tilapia nilotica*). *Huanjing Kexue* 5: 1-5(CHI).

EcoReference No.: 11752

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

Wu, Y. J., Chang, P. A., Li, M., Li, Y. X., and Li, W. (2003). Effect of Tri-O-Cresyl Phosphate and Methamidophos

on ⁴⁵Ca Uptake by Brain Synaptosomes in Hens. *Pestic. Biochem. Physiol.* 77: 18-23.

EcoReference No.: 88474

Chemical of Concern: MTM; Habitat: T; Code: NO IN VITRO (MTM).

Wyman, J. A. (1990). Management Approaches for Cruciferous Insect Pests in Central North America. In: N.S. Talekar (Ed.). *Diamondback moth and other crucifer pests; second international workshop, tainan, taiwan, december 10-14, Asian vegetable research and development center (avrdc): shanhua, Taiwan* 503-509.

EcoReference No.: 153351

Chemical of Concern: EFV,MTM,PMR; Habitat: T; Effect Codes: POP; Code: NO CONC (MTM,PMR), NO CONTROL (EFV,MTM,PMR), NO ENDPOINT (EFV,MTM,PMR).

Yu, S. J. (1982). Host Plant Induction of Glutathione S-Transferase in the Fall Armyworm. *Pestic. Biochem. Physiol.* 18: 101-106.

EcoReference No.: 105843

Chemical of Concern: DZ,MEN,MP,MTM; Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL (DZ,MEN,MP,MTM), NO ENDPOINT (MEN).

Yu, S. J. and Nguyen, S. N. (1992). Detection and Biochemical Characterization of Insecticide Resistance in the Diamondback Moth. *Pestic. Biochem. Physiol.* 44: 74-81.

EcoReference No.: 109566

Chemical of Concern: CBF,CPY,CYH,CYP,DZ,EFV,FNV,FVL,MLN,MOM,MP,MTM,PMR; Habitat: T; Effect Codes: BCM,MOR; Code: NO CONTROL (CBF,CPY,CYH,CYP,DZ,EFV,FNV,FVL,MLN,MOM,MP,MTM,PMR), TARGET (CBF,CPY,CYP,EFV,FNV,FVL,MLN,MOM,MP,MTM,PMR).

Zakia, M. A., Fawzia, A. E., Zakia, A. A. E. K., and Iman, A. E. S. (1990). Alterations in Nucleic Acids, Protein Content and Mitotic Division of Vicia faba Root Tip Cells as Affected by Malathion and Tamaron Insecticides. *Cytologia* 55: 349-355 .

EcoReference No.: 44280

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

Zayed, S. M. A. D. and Mahdi, F. M. (1987). Methylation of Guanine In Vivo by the Organophosphorus Insecticide Methamidophos. *Z. Naturforsch* 42C: 17-20.

EcoReference No.: 88596

Chemical of Concern: MTM; Habitat: T; Effect Codes: ACC,BCM,CEL; Code: NO CONTROL (MTM), NO EXP TYPE (MTM).

Zenner de Polania, I. (1990). Research and Management Strategies for Potato Insect Pests in Colombia. In: S.K.Hahn and F.E.Caveness (Eds.), *Integrated Pest Management for Tropical Root and Tuber Crops, Workshop on the Global Status of and Prospects for Integrated Pest Management of Root and Tuber Crops in the Tropics, Oct.25-30, 1987, Ibadan, Nigeria* 139-148.

EcoReference No.: 153361

Chemical of Concern: ACP,ADC,BFT,CBF,CBL,CPY,EP,HCCH,PPCP,PRT,TDC; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (HCCH,PPCP), NO ENDPOINT (ACP,ADC,BFT,CBF,CBL,CPY,EP,PRT,TDC).

Zhou, P. J., Shen, H., Lin, J., Song, L. R., Liu, Y. D., and Wu, Z. B. (2004). Kinetic Studies on the Effects of Organophosphorus Pesticides on the Growth of *Microcystis aeruginosa* and Uptake of the Phosphorus

Forms. *Bull. Environ. Contam. Toxicol.* 72: 791-797.

EcoReference No.: 74231

Chemical of Concern: MTM; Habitat: A; Effect Codes: PHY,POP; Code: NO ENDPOINT (MTM).

Zhou, Q. X., Zhang, Q. R., and Liang, J. D. (2006). Toxic Effects of Acetochlor and Methamidophos on Earthworm *Eisenia fetida* in Phaiozem, Northeast China. *J. Environ. Sci.* 18: 741-745.

EcoReference No.: 89349

Chemical of Concern: ACO,MTM; Habitat: T; Effect Codes: GRO,MOR; Code: NO EFED CHEM (ACO), NO ENDPOINT (MTM).

Zoebelein, G. (1988). Long-Term Field Studies About Pesticide Effects on Ladybird Beetles (Coleoptera: Coccinellidae). *Entomol. Gen.* 13: 175-187.

EcoReference No.: 153421

Chemical of Concern: CYF,EPRN,IMC,MTM,PIM,PPX,PRN,TCF; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PRN), NO ENDPOINT (CYF,IMC,MTM,PIM,PPX,TCF).

Target: Toxicity of Chemical on Intended Pest

Abou-Awad, B. A. and El-Banhawy, E. M. (1985). Comparison Between the Toxicity of Synthetic Pyrethroids and Other Compounds to the Predaceous Mite *Amblyseius-Gossipi* Mesostigmata Phytoseiidae. *Exp appl acarol* 1: 185-192.

Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

Abou-Awad, B. A. and El-Banhawy, E. M. (1985). Susceptibility of the Tomato Russet Mite, *Aculops lycopersici* (Acari: Eriophyidae), in Egypt to Methamidophos, Pyridaphenthion, Cypermethrin, Dicofol and Fenarimol. *Exp. Appl. Acarol.* 1: 11-15.

EcoReference No.: 100336

Chemical of Concern: CYP,DCF,FRM,MTM; Habitat: T; Effect Codes: MOR; Code: OK (FRM), TARGET (CYP,DCF,MTM).

Ahmad, M. (2007). Potentiation/Antagonism of pyrethroids with organophosphate insecticides in *Bemisia tabaci* (Homoptera: Aleyrodidae). *J Econ Entomol.* 100: 886-93. [Journal of economic entomology].

Chemical of Concern: MTM, PYT, CPY ,ACP; Habitat: T; Code: TARGET (ACP) .

Ali, M. I. and Karim, M. A. (1993). Biological Efficacy of Some Chemical Insecticides Against the Cotton Jassid, *Amrasca devastans* (Dist.). *Bangladesh J. Zool.* 21: 161-167.

EcoReference No.: 74700

Chemical of Concern: BFT,CBF,DMT,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (BFT,CBF,DMT,MTM).

Ambrose, H. J. and Regupathy, A. (1992). Influence of Host Plants on the Susceptibility of *Myzus Persicae* (Sulz.) To Certain Insecticides. *Insect sci appl* 13: 79-86.

Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

Anandhi, P. and Pillai, M. A. K. (2006). Ovicidal Activity of Some Insecticides Against *Scotinophara Coaractata* (Fab.) [Hemiptera: Pentatomidae] **on Rice**. *Journal of Entomological Research [J. Entomol. Res.]*. Vol. 30,

no. 1, pp. 65-66. Mar 2006.

Chemical of Concern: ACP, NMO, CPY, PFF, IMC; Habitat: T; Code: TARGET (ACP) .

ANON (1989). UNIVERSITY OF CALIFORNIA USA TEST RESULTS ON SCALICIDES. *CITROGRAPH*; 74 157.

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

Anwar, R. (2008). Population dynamics of the cotton aphid, *Aphis gossypii* Glover (Homoptera: Aphididae), and its fungal pathogen, *Neozygites fresenii* (Nowakowski) Batko (Entomophthorales: Neozygitaceae), in South Carolina. *Clemson University*.

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

Atim, A. B., Gopalan, S., and Yusof, M. A. (1987). The Biology and Ecology of *Valanga-Nigricornis* and Its Control in the Cover Plants Under *Hevea-Brasiliensis* in Malaysia. *J nat rubber res* 2: 191-199.

Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

ATTIQUE MR and GHAFAR, A. (1996). Control of early season sucking pests of cotton with seed protectant insecticides and the their impact on natural enemies and yield of seed cotton. *PAKISTAN JOURNAL OF ZOOLOGY*; 28 253-255.

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

Bacheler, J. S., Edmisten, K., Straughn, E., and Mott, D. W. (1996). Effect of Selected Insecticides for Thrips Control on Cotton in North Carolina, 1995. *Arthropod Manag. Tests* 21: 240-241 (64F).

EcoReference No.: 151457

Chemical of Concern: ACP,ADC,CBF,DS,IMC,PRT; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC,CBF,DS,IMC,PRT), NO MIXTURE (CBF).

Bacheler, J. S. and Mott, D. W. (1998). Efficacy of Selected Insecticides for Thrips Control on Cotton, 1997. *Arthropod Manag. Tests* 23: 218-219 (59F).

EcoReference No.: 150736

Chemical of Concern: ACP,ADC,IMC,PRT; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,ADC,IMC,PRT).

BACHELER JS, MONTT DW, EDMISTEN, K., and STRAUGHN, E. (1996). EFFECT OF SELECTED INSECTICIDES FOR THRIPS CONTROL ON COTTON IN NORTH CAROLINA 1995. *BURDITT, A. K. JR. (ED.). ARTHROPOD MANAGEMENT TESTS, VOL. 21. IV+462P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ISBN 0-938522-55-8.; 21 (0). 1996. 240-241.*

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

BACHELER JS and MOTT DW (1998). EFFICACY OF SELECTED INSECTICIDES FOR THRIPS CONTROL ON COTTON 1997. *SAXENA, K. N. (ED.). ARTHROPOD MANAGEMENT TESTS, VOL. 23. IV+418P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ISBN 0-938522-77-9.; 23 (0). 1998. 218-219.*

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

BACHELER JS, MOTT DW, EDMISTEN, K., and STRAUGHN, E. (1997). EFFECT OF SELECTED

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

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

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EcoReference No.: 113457

Chemical of Concern: ACP,AMZ,CYP,ES,PPB; Habitat: T; Effect Codes: MOR,POP; Code: OK (PPB), TARGET (ACP,AMZ,CYP,ES).

BALSDON JA, BRAMAN SK, PENDLEY AF, and ESPELIE KE (1993). Potential for integration of chemical and natural enemy suppression of azalea lace bug (Heteroptera: Tingidae). *JOURNAL OF ENVIRONMENTAL HORTICULTURE*; 11 153-156.

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

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

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EcoReference No.: 113918

Chemical of Concern: ACP,BFT,DM,FPN,IMC; Habitat: T; Effect Codes: MOR,PHY; Code: LITE EVAL CODED (DM), TARGET (ACP,BFT,DM,FPN,IMC) .

Batiste, W. C., King, R. C., and Joos, J. (1970). Field and Laboratory Evaluations of Insecticides for Control of the Tomato Pinworm. *J. Econ. Entomol.* 63: 1479-1484.

EcoReference No.: 47363

Chemical of Concern:

ADC,AZ,CBF,CBL,DDT,DMT,DS,EN,EPRN,ES,ETN,MDT,MP,MTM,Naled,PPHD,PRN,PSM,TCF,TV P,TXP; Habitat: T; Effect Codes: POP; Code: EFFICACY (ADC,AZ,CBF,DMT,DS,ES,MDT,MTM,Naled,TCF,TVP), LITE EVAL CODED (MP,PSM), NO EFED CHEM (DDT,EN,EPRN,ETN,PPHD,PRN,TXP), TARGET (CBF,CBL,DMT,DS,MDT,MP,MTM,Naled,PSM,TCF,TVP).

Baur, M. E., Sosa-Gomez, D. R., Ottea, J., Leonard, B. R., Corso, I. C., Da Silva, J. J., Temple, J., and Boethel, D. J. (Susceptibility to Insecticides Used for Control of Piezodorus Guildinii (Heteroptera: Pentatomidae) in the United States and Brazil. *J econ entomol.* 2010, jun; 103(3):869-76. [*Journal of economic entomology*]: *J Econ Entomol.*

Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

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

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

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

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EcoReference No.: 59334

Chemical of Concern:

ACP,AMZ,AZ,BFT,CBL,DMT,EFV,FPP,FVL,MDT,MOM,MVP,Naled,TAUF,TCF,TDC; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (AZ,BFT,CBL,EFV,FPP,MOM,Naled,TAUF,TCF,TDC), OK (FVL,MVP), TARGET (ACP,AMZ,DMT,MDT).

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

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

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

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

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

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

Blair, B. W. (1989). Laboratory Screening of Acaricides Against Tetranychus-Evansi Baker and Pritchard. *Crop prot* 8: 212-216.

Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

BORSE SS and DETHE MD (1991). Toxicity of acephate to brinjal aphid, Myzus persicae (Sulz.). *J INSECT SCI*; 4 203-204.

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

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

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EcoReference No.: 63191

Chemical of Concern: DM,MTM; Habitat: T; Effect Codes: MOR; Code: TARGET (DM,MTM).

Brandenburg, R. L. and Hertl, P. T. (1993). Thrips Control in Peanuts, North Carolina, 1992. *Insectic. Acaric. Tests* 18: 259-260 (93F).

EcoReference No.: 150439

Chemical of Concern: ACP,ADC,DS,IMC,PRT; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,ADC,DS,IMC,PRT).

Brandenburg, R. L. and Royals, B. M. (1997). Thrips Control in Peanuts, 1996. *Arthropod Manag. Tests* 22: 280- (89F).

EcoReference No.: 151450

Chemical of Concern: ACP,ADC,DS,PRT; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,ADC,DS,PRT).

Brandenburg, R. L. and Royals, B. M. (1996). Thrips Control in Peanuts, North Carolina, 1995. *Arthropod Manag. Tests* 21: 274-275 (108F).

EcoReference No.: 151451

Chemical of Concern: ACP,ADC,DS,FPN; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,ADC,DS,FPN).

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

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

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

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

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

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

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PERCENT DAMAGE LEAFLET RATINGS 1997. SAXENA, K. N. (ED.). *ARTHROPOD MANAGEMENT TESTS*, VOL. 23. IV+418P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ISBN 0-938522-77-9.; 23 (0). 1998. 252.

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

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

BRANDENBURG RL and ROYALS BM (1999). Thrips control in peanuts, 1998. SAXENA, K. N. (ED.). *ARTHROPOD MANAGEMENT TESTS*, VOL. 24. V+478P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ISBN 0-938522-86-8; 24 (0). 1999. 260-261.

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

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

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

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

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EcoReference No.: 113280

Chemical of Concern: ACP,CPY,FNV,FYC; Habitat: T; Effect Codes: PHY,POP,REP; Code: TARGET (ACP,CPY,FNV,FYC).

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

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EcoReference No.: 114931

Chemical of Concern:

ACP,ADC,CBF,CBL,CPY,DMT,DS,DZ,HCCH,MCB,MLN,MXC,OXD,PHSL,PPCP,PSM,TCF,TVP;
Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (HCCH,MXC,PHSL,PPCP), TARGET

(ACP,ADC,CBF,CBL,CPY,DMT,DS,DZ,MCB,MLN,OXD,PSM,TCF,TVP).

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EcoReference No.: 113289

Chemical of Concern: ACP,AZ,CBF,CBL,DDT,DMT,DS,MOM,PPHD; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (DDT,PPHD), TARGET (ACP,AZ,CBF,CBL,DMT,DS,MOM).

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EcoReference No.: 151431

Chemical of Concern: ACP,ADC,DS; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC), OK (DS).

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

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

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EcoReference No.: 112467

Chemical of Concern: ACP,AMZ,BFT,DMT,DS,DZ,FNV,MDT,OXD,PFF,PMR,PPB,PPG,PRT; Habitat: T; Effect Codes: MOR,POP; Code: NO MIXTURE (PPB), TARGET (ACP,AMZ,BFT,DMT,DS,DZ,FNV,MDT,OXD,PFF,PMR,PPG,PRT).

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EcoReference No.: 151184

Chemical of Concern: LCYT,MOM,MTM,PMR; Habitat: T; Effect Codes: MOR,POP; Code: OK (PMR), TARGET (LCYT,MOM,MTM).

Campanhola, C. and Plapp, F. W. (1989). Toxicity and Synergism of Insecticides Against Susceptible and Pyrethroid-Resistant Third Instars of the Tobacco Budworm (Lepidoptera: Noctuidae). *J. Econ. Entomol.* 82: 1495-1501.

EcoReference No.: 113270

Chemical of Concern: ACP,CPY,CYP,ES,MOM,MP,PFF,PPB,TDC; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE (PPB), TARGET (ACP,CPY,CYP,ES,MOM,MP,PFF,TDC).

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

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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

Chalfant, R. B. (1973). Cowpea Cuculio: Control in Southern Georgia. *J. Econ. Entomol.* 66: 727-729.

EcoReference No.: 113292

Chemical of Concern: AZ,CBF,CBL,CPY,DDT,DZ,ES,FNF,MLN,MOM,MP,MTM,MVP,TXP; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (DDT,FNF,TXP), TARGET (AZ,CBF,CBL,CPY,DZ,ES,MLN,MOM,MP,MTM,MVP).

CHANDLER LD and SUMNER HR (1994). EVALUATION OF INSECTICIDES FOR CONTROL OF SWEETPOTATO WHITEFLY SPWF ON PEANUT 1992. *BURDITT, A. K. JR. (ED.). ARTHROPOD MANAGEMENT TESTS, VOL. 19. III+403P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA.; 0 (0). 1994. 246.*

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

CHAPIN JW and THOMAS JS (1992). CONTROL OF HESSIAN FLY WITH SEED TREATMENTS 1990. *BURDITT, A. K. JR. (ED.). INSECTICIDE AND ACARICIDE TESTS, VOL. 17. II+421P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ILLUS. PAPER.; 0 (0). 1992. 302.*

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

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

CHELLIAH, S. and BHARATHI, M. (1985). RICE BROWN PLANTHOPPER NILAPARVATA-LUGENS STAL. STATUS AND STRATEGIES IN MANAGEMENT. *JAYARAJ, S. (ED.). INTEGRATED PEST AND DISEASE MANAGEMENT; NATIONAL SEMINAR, COIMBATORE, INDIA, SEPT. 1984. XI+433P. TAMIL NADU AGRICULTURAL UNIVERSITY: COIMBATORE, INDIA. ILLUS.; 0 (0). 1985 (RECD. 1986). 34-53.*

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

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Habitat: T; Effect Codes: POP; Code: EFFICACY (DCTP,MTM), NO EFED CHEM
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Chemical of Concern: CBF,DEM,DMT,DS,DZ,EN,EPRN,ES,ETN,MLN,MOM,MTM,PRN; Habitat: T;
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Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

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

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Chemical of Concern: ACP,ADC,CBL,DMT,DS,EFV,LCYT,MP,PRT; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,DMT,DS,EFV,LCYT,PRT), LITE EVAL CODED (ADC,MP), TARGET (CBL).

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

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Chemical of Concern:

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Chemical of Concern:

ACP,AND,AZ,CBF,CPY,CYP,DDT,DM,DZ,EPRN,FNF,FNV,MLN,MOM,MVP,Naled,PMR,PRN,PSM,TBO; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (AND,DDT,EPRN,FNF,PRN),
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Chemical of Concern: CBF,CBL,DMT,EPRN,ES,FNF,MOM,MTM,PHSL,PRN,PSM,TVP; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,FNF,PHSL,PRN), TARGET (CBF,CBL,DMT,ES,MOM,MTM,PSM,TVP).

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Chemical of Concern: AV,CPY,EMMB,FNV,FPN,IMC,MTM,PPB,SS; Habitat: T; Effect Codes: BCM,MOR; Code: LITE EVAL CODED (PPB), NO EFED CHEM (AV,SS), TARGET (CPY,EMMB,FNV,FPN,IMC,MTM).

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Chemical of Concern: CYP,DDT,MP,MTM,PMR; Habitat: T; Effect Codes: GRO,MOR,REP; Code: NO EFED CHEM (DDT), TARGET (CYP,MP,MTM,PMR).

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Chemical of Concern: ABM,AV,CYP,MCB,MTM; Habitat: T; Effect Codes: BEH,MOR,REP; Code: NO EFED CHEM (AV), TARGET (ABM,CYP,MCB,MTM).

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Chemical of Concern: ACP,DFZ,EFV,EFX,LCYT,MTM,MXC,PHSL,PMR,PPB,TMT; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (MXC,PHSL), NO MIXTURE (PMR,PPB), OK (TMT), TARGET (ACP,DFZ,EFV,EFX,LCYT,MTM,PMR).

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Chemical of Concern: ACP,DS,MLN,MP; Habitat: T; Effect Codes: MOR; Code: TARGET (ACP,DS,MLN,MP).

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Chemical of Concern: CBL,FNV,MTM,PMR; Habitat: T; Effect Codes: BEH,GRO,MOR,REP; Code: LITE EVAL CODED (PMR), TARGET (CBL,FNV,MTM).

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

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Chemical of Concern: ACP,CBL,DZ,FNTH,PHSL,PSM,TCF,TVP; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (FNTH,PHSL), TARGET (ACP,CBL,DZ,PSM,TCF,TVP).

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Chemical of Concern: ACP,CPY,ES,FNV,MOM,MTM,TDC; Habitat: T; Effect Codes: MOR; Code: TARGET (ACP,CPY,ES,FNV,MOM,MTM,TDC).

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Chemical of Concern: ABM,ACP,ALSV,CBL,CPY,DZ,HMN,MgSO₄,PYN; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (ALSV,CBL,CPY), NO EFED CHEM (HMN,MgSO₄,PYN), TARGET (ABM,ACP,DZ).

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Chemical of Concern: CBF,CPY,DCTP,ES,IMC,MOM,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (CBF,CPY,DCTP,ES,IMC,MOM,MTM).

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

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

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

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

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Chemical of Concern: ACP,IMC; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,IMC).

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Chemical of Concern: ACP,IMF; Habitat: T; Effect Codes: POP; Code: TARGET (ACP).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 90242

Chemical of Concern: IMC,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (IMC,MTM).

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Chemical of Concern: DMT,EFV,IMC,MTM; Habitat: T; Effect Codes: POP; Code: EFFICACY (DMT,EFV,IMC,MTM).

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Chemical of Concern: AZ,ES,MTM,MXC,Maneb,PHMD,PIM,PPB,PPX,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (Maneb), NO EFED CHEM (MXC), NO MIXTURE (PPB), OK (AZ,ES,PIM,PPX,TCF), TARGET (MTM,PHMD).

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

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EcoReference No.: 112784

Chemical of Concern: ES,MOM,MTM,OXD,PHSL,PSM; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (PHSL), TARGET (ES,MOM,MTM,OXD,PSM).

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Chemical of Concern:

ACP,CBF,CPY,CYP,DEM,DM,DMT,DS,DZ,EPRN,ES,FNT,FNV,MLN,MOM,MTM,MVP,Naled,PFF,P

HSL,PIM,PMR,PRN,SPS; Habitat: T; Effect Codes: MOR,POP; Code: NO EFED CHEM (DEM,EPRN,PHSL,PRN,SPS), TARGET (ACP,CBF,CPY,CYP,DM,DMT,DS,DZ,ES,FNT,FNV,MLN,MOM,MTM,MVP,Naled,PFF,PIM,PMR).

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

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EcoReference No.: 112342

Chemical of Concern: ACP,BFT,CPY,DS,IMC; Habitat: T; Effect Codes: MOR,POP; Code: NO MIXTURE (BFT), TARGET (ACP,BFT,CPY,DS,IMC).

McDonald, S. (1976). Evaluation of Several New Insecticides for the Control of the Colorado Potato Beetle and the Status of DDT Resistance in Southern Alberta. *J. Econ. Entomol.* 69: 659-664.

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Chemical of Concern: AZ,CBF,CBL,CPY,DDT,DZ,ES,MDT,MTM,PPX,PSM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (CBF,CPY,ES,PSM), NO EFED CHEM (DDT), TARGET (AZ,CBF,CBL,DZ,MDT,MTM,PPX,PSM).

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

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

McLeod, P. (1998). Evaluation of Insecticides for Control of Redlegged Grasshopper in a Pasture Adjacent to Mustard Greens, 1997. *Arthropod Manag. Tests* 23: 351 (65G).

EcoReference No.: 150681

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

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

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

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

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

McPherson, R. M., Boethel, D. J., Funderburk, J. E., and Wier, A. T. (1995). The Effect of Alternative Southern Green Stink Bug (Heteroptera: Pentatomidae) Insecticide Controls on Soybean Pest Management, Quality and Yield. *J. Entomol. Sci.* 30: 216-236.

EcoReference No.: 151054

Chemical of Concern: ACP,CYF,CYP,LCYT,MP,PMR,TLM; Habitat: T; Effect Codes: POP; Code: OK (CYF,CYP,MP,PMR,TLM), TARGET (ACP,LCYT).

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

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

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

MCPHERSON RM, CROWE BD, and TAYLOR JD (1999). Effects of tray drench, transplant water and foliar insecticide applications on tobacco insect control, 1998. *SAXENA, K. N. (ED.). ARTHROPOD MANAGEMENT TESTS, VOL. 24. V+478P. ENTOMOLOGICAL SOCIETY OF AMERICA: LANHAM, MARYLAND, USA. ISBN 0-938522-86-8; 24 (0). 1999. 304-305.*

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

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

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

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

Merkel, E. P. (1970). Trunk-Implanted Systemic Insecticides for Slash Pine Cone Insect Control. *Fla. Entomol.* 53: 143-146.

EcoReference No.: 101699

Chemical of Concern: DCTP,DMT,MTM,OXD; Habitat: T; Effect Codes: POP; Code: TARGET (DCTP,DMT,MTM,OXD).

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EcoReference No.: 73601

Chemical of Concern: ABM,FPN,MOM,MTM; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (FPN), TARGET (ABM,MOM,MTM).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

Mize, T., Wilde, G., and Smith, M. T. (1980). Chemical Control of Chinch Bug and Greenbug on Seedling Sorghum with Seed, Soil, and Foliar Treatments. *J. Econ. Entomol.* 73: 544-547.

EcoReference No.: 113402

Chemical of Concern: ACP,BDC,CBF,CBL,CPY,DS,PRT,TBO; Habitat: T; Effect Codes: GRO,MOR,POP; Code: EFFICACY (ACP,CPY), NO EFED CHEM (BDC), OK (CBF,DS,PRT,TBO), TARGET (CBL).

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EcoReference No.: 104693

Chemical of Concern: CPY,DZ,ES,MTM; Habitat: T; Effect Codes: GRO,POP; Code: TARGET

(CPY,DZ,ES,MTM).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 82021

Chemical of Concern:

ACP,ACT,BFT,CBL,CPY,CYP,DDVP,DMT,DZ,EFX,EMMB,ES,FNT,FNTH,FVL,IMC,LUF,MDT,MLN ,PFF,PHSL,PIM,PIRM,PMR,PRB,SS,TCF,TDC; Habitat: T; Effect Codes: MOR; Code: NO EFED
CHEM (ACT,FNTH,LUF,PHSL,SS), TARGET
(ACP,BFT,CBL,CPY,CYP,DDVP,DMT,DZ,EFX,EMMB,ES,FNT,FVL,IMC,MDT,MLN,PFF,PIM,PIRM, PMR,PRB,TCF,TDC).

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

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

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

Mowry, T M (2001). Green Peach Aphid (Homoptera: Aphididae) Action Thresholds for Controlling the Spread of Potato Leafroll Virus in Idaho. *Journal Of Economic Entomology* 94: 1332-1339.

Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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

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

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Chemical of Concern: CPY,DM,ES,MOM,MTM; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ES), TARGET (CPY,DM,MOM,MTM).

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Chemical of Concern: ACP,CBF,DEM,DMT,DS,MTM,OML; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY (ACP,CBF,DMT,DS,MTM,OML), NO EFED CHEM (DEM).

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Chemical of Concern: ACP,ADC,CBF,DS,FNF,PRT; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (FNF), TARGET (ACP,ADC,CBF,DS,PRT).

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Chemical of Concern: ACP,CBL,DDT,DM,MOM,PMR,PSM,PYN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (PMR), NO EFED CHEM (DDT,PYN), TARGET (ACP,CBL,DM,MOM,PSM).

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EcoReference No.: 119551

Chemical of Concern: ABM,ACP,CBL,DMT,EFV,ES,FPP,HCCH,MTM,OML,PMR,PPB,PPCP,PYN; Habitat: T; Effect Codes: MOR,REP; Code: NO EFED CHEM (HCCH,PPCP,PYN), NO MIXTURE (PPB), TARGET (ABM,ACP,CBL,DMT,EFV,ES,FPP,MTM,OML,PMR).

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Chemical of Concern: ACP,IMC,NCTN,OXD; Habitat: T; Effect Codes: PHY,POP; Code: TARGET (ACP,IMC,NCTN,OXD).

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Chemical of Concern: ACP,AZX,CYP,DFZ,FPN,LCYT,MFZ,NVL,TUZ; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,AZX,CYP,DFZ,LCYT,TUZ), NO EFED CHEM (FPN,NVL), OK (MFZ).

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

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

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

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Chemical of Concern: ACP,ADC,CBF,DMT,DS,OXD,PIRE,TCF; Habitat: T; Code: NO MIXTURE (TCF), TARGET (ACP,ADC,CBF,DMT,DS,OXD,PIRE,TCF).

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Chemical of Concern: ACP,CYF,DM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CYF,DM), TARGET (ACP).

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

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Chemical of Concern: ACP,AZ,DZ,EFV,FBOX,FPP,IMC,LCYT,MOM,OML,PSM,PYX ; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,AZ,DZ,EFV,FBOX,FPP,IMC,LCYT,MOM,OML,PSM,PYX).

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Chemical of Concern: CPY,DS,ES,MTM,OXD,PMR; Habitat: T; Effect Codes: GRO,POP; Code: EFFICACY (CPY,ES,MTM,OXD), NO MIXTURE (PMR), OK (DS).

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Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 151009

Chemical of Concern: ACP,DMT,DS,ES,FNF,MTM,OXD; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY (ACP,DMT,DS,ES,MTM,OXD), NO EFED CHEM (FNF).

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Chemical of Concern: ACP,ADC,DS,MP,OML,PMR; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,ADC,DS,MP,OML,PMR).

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EcoReference No.: 53651

Chemical of Concern: ACP,CBL,CPY,CPYM,DDT,DFZ,PMR,PYN,RSM,TCF; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (PMR), NO EFED CHEM (DDT,PYN), OK (CPY,CPYM), TARGET (ACP,CBL,DFZ,RSM,TCF).

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EcoReference No.: 114309

Chemical of Concern: ACP,CBL,MOM,SPS,TDC; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (SPS), TARGET (ACP,CBL,MOM,TDC).

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

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Chemical of Concern: ACP,DLD,ES,MOM,PIM,PPB,PPX; Habitat: T; Effect Codes: BCM,CEL,MOR; Code: NO EFED CHEM (DLD), NO MIXTURE (PPB), TARGET (ACP,ES,MOM,PIM,PPX).

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Chemical of Concern: ACP,DM,ES,MOM,PIM; Habitat: T; Effect Codes: MOR; Code: TARGET (ACP,DM,ES,MOM,PIM).

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

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Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

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

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EcoReference No.: 74151

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

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 98097

Chemical of Concern: AMZ,AZD,BFT,ES,FPP,FSTAL,LCYT,MSO,MTM,PMR; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (ES,FSTAL,MSO), NO MIXTURE (PMR), OK (AZD), TARGET (AMZ,BFT,FPP,LCYT,MTM).

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

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Chemical of Concern: ACP,ADC,CBF,EP,OML,TDC; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC,OML), LITE EVAL CODED (TDC), NO MIXTURE (CBF,EP).

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Chemical of Concern: ACP,ADC,IMC,MOM,SS; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,ADC,IMC,MOM), NO EFED CHEM (SS), TARGET (ACP,ADC,IMC,MOM).

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Chemical of Concern: ACP,ADC,CBF,CPY,EP,FMP,IMC; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (CPY,EP), TARGET (ACP,ADC,CBF,CPY,EP,FMP,IMC).

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

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

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

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

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

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

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

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

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EcoReference No.: 112609

Chemical of Concern: IMC,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (IMC,MTM).

Sewell, G. H. and Storch, R. H. (1998). Control of Aphids on Irish Potato 1996. *Saxena, k. N. (Ed.). Arthropod management tests, vol. 23. Iv+418p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-77-9. 23: 131.*

Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 88767

Chemical of Concern: ADC,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (ADC,MTM).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 121402

Chemical of Concern: ACP,CYF,EFV,FPP,LCYT,MOM,PMR,SXD; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP), LITE EVAL CODED (PMR), OK (CYF,EFV,FPP,LCYT,MOM,SXD).

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

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

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

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

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EcoReference No.: 72038

Chemical of Concern: AZ,EPRN,MDT,MP,MTM,OXD,PIRM,PPHD,PRN; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (EPRN,PPHD,PRN), TARGET (AZ,MDT,MP,MTM,OXD,PIRM).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 97426

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Chemical of Concern: ACP,CYF,LCYT,PMR,TUZ; Habitat: T; Effect Codes: POP; Code: EFFICACY (ACP,CYF,LCYT,PMR,TUZ).

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Chemical of Concern: MTM; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 106295

Chemical of Concern: CPY,LCYT,MOM,MTM; Habitat: T; Effect Codes: POP; Code: EFFICACY (CPY,LCYT,MOM,MTM).

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Chemical of Concern: ACP,AZ,EPRN,MP,MTM,PRN; Habitat: T; Effect Codes: BCM,MOR; Code: NO EFED CHEM (EPRN,PRN), TARGET (ACP,AZ,MP,MTM).

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Chemical of Concern: ACP,CBF,CBL,CPY,EPRN,MDT,MOM,PHSL,PRN,PSM; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PHSL,PRN), TARGET (ACP,CBF,CBL,CPY,MDT,MOM,PSM).

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Chemical of Concern: ACP,BFT,CBF,CPY,DMT,DS,EFV,EPRN,LCYT,PRN,TAUF; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PRN), NO MIXTURE (CBF,EFV), TARGET (ACP,BFT,CBF,CPY,DMT,DS,EFV,LCYT,TAUF).

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EcoReference No.: 104507

Chemical of Concern: ABM,ACP,BFT,CBF,CPY,DMT,DS,EFV,EPRN,ES,FVL,LCYT,PMR,PRN; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EPRN,PRN), NO MIXTURE (CBF), TARGET (ABM,ACP,BFT,CBF,CPY,DMT,DS,EFV,ES,FVL,LCYT,PMR).

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

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Chemical of Concern: CLT,CPY,EFV,FZFP,GYP,IMC,MTM,OMT,SXD,SZ; Habitat: T; Effect Codes: GRO,POP; Code: NO EFED CHEM (FZFP), NO TOX DATA (CLT,CPY,EFV,GYP,OMT,SXD,SZ), TARGET (CPY,EFV,IMC,MTM,OMT).

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Chemical of Concern: CBL,EFV,ES,MOM,MTM; Habitat: T; Effect Codes: POP; Code: TARGET (CBL,EFV,ES,MOM,MTM).

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

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EcoReference No.: 102534

Chemical of Concern: ABM,BPZ,CPY,DDVP,FPN,HFR,IMC,MTM; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (BPZ,FPN), TARGET (ABM,CPY,DDVP,HFR,IMC,MTM).

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

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Chemical of Concern: ADC,CBF,MTM,OML; Habitat: T; Effect Codes: POP; Code: TARGET (ADC,CBF,MTM,OML).

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EcoReference No.: 88801

Chemical of Concern: BFT,CBF,CBL,CYF,FNV,LCYT,MP,MTM,OXD,PMR; Habitat: T; Effect Codes: POP; Code: TARGET (BFT,CBF,CBL,CYF,FNV,LCYT,MP,MTM,OXD,PMR).

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

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EcoReference No.: 151035

Chemical of Concern: ACP,IMC,LCYT,MP,PMR; Habitat: T; Effect Codes: POP; Code: NO MIXTURE (MP), TARGET (ACP,IMC,LCYT,MP,PMR).

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

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Chemical of Concern: MTM,ACP; Habitat: T; Code: TARGET (ACP) .

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EcoReference No.: 113228

Chemical of Concern: ACP,DZ,MLN,MOM,PIM; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,DZ,MLN,MOM,PIM).

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EcoReference No.: 73704

Chemical of Concern: ACP,CFP,DM,EMMB,IMC,MOM,MP,PMR,TDC; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (PMR), TARGET (ACP,CFP,DM,EMMB,IMC,MOM,MP,TDC).

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EcoReference No.: 151038

Chemical of Concern: ACP,CFP,EFV,EMMB,ES,MOM; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,CFP,EFV,EMMB,ES,MOM).

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Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CBL,PMR,PSM), NO EFED CHEM (BDC,CHD,HMN,MRX), TARGET (ACP,CPY,DZ,MB,MLN,RTN,TCF).

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EcoReference No.: 121430

Chemical of Concern: ACP,BRA,CPY,DZ,PIRM,PMR,PTP; Habitat: T; Effect Codes: POP; Code: TARGET (ACP,BRA,CPY,DZ,PIRM,PMR,PTP).

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EcoReference No.: 119925

Chemical of Concern:

ABM,ACP,ACT,AZD,CTD,CYP,CYR,EMMB,FPN,IDC,IMC,KLN,LCYT,MOM,OML,PMZ,SS,TMX;

Habitat: T; Effect Codes: MOR,POP; Code: NO EFED CHEM (ACT,CTD,FPN,IDC,KLN,PMZ,SS,TMX), OK (IMC), TARGET (ABM,ACP,AZD,CYP,CYR,EMMB,LCYT,MOM,OML).

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ACP,ADC,AMZ,AND,ATN,AZ,AlP,As,BDC,CBL,CBNDS,CHD,CHX,CLP,CPY,CTC,DCF,DCTP,DDT,

DDVP,DEM,DFZ,DLD,DMT,DS,DZ,EDB,EN,EPRN,ES,ETN,FNF,FNT,FNTH,FNV,HPT,IFP,MB,MCB,MDT,MLN,MOM,MP,MTM,MVP,MXC,Naled,OML,OXD,PIRE,PMR,PPB,PPG,PPHD,PPX,PRN,PRT,PSM,PYN,Pb,RSM,RTN,RYA,SFR,SMT,SPS,TBO,TPH,TVP Code: NO TOX DATA.

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