

APPENDIX L: Cyfluthrin and *Beta*-Cyfluthrin Papers Excluded By ECOTOX

Cyfluthrin and *beta*-cyfluthrin have the same CAS numbers, so they were lumped together in the ECOTOX run.

Reference List from the 2012 Refresh

1. Aldana-Madrid, Maria L; Valenzuela-Quintanar, Ana I; Silveira-Gramont, Maria I; Rodriguez-Olibarria, Guillermo; Grajeda-Cota, Patricia; Zuno-Florian, Fabiola G; Miller, Marion G, and Valenzuela-Quintanar, Ana I. Residual Pyrethroids in Fresh Horticultural Products in Sonora, Mexico. 2011 Oct; 87, (4): 436-439.
Notes: Chemical of Concern: CYF
2. Aldridge, W. N. An Assessment of the Toxicological Properties of Pyrethroids and Their Neurotoxicity. 1990; 21, (2): 89-104.
Notes: Chemical of Concern: CPY,CYF,DM,FPP,FVL,PMR
3. Aliaga, C.; Rezende, M. C., and Arenas, A. How meaningful is the assessment of antioxidant activities in microheterogeneous media? 2009; 113, (4): 1083-1087.
Notes: Chemical of Concern: CYF
4. Anonymous. Pesticide Mixtures. 1983: 284-(ABS) (23328).
Notes: Chemical of Concern:
ACYP,AMZ,ATN,BRSM,CHT,CTZ,CYF,CYH,CYP,DM,EFV,FNV,FPP,FVL,PMR,PYN,RSM,SM,TLT,TMT
5. Arthur, F. H. Effectiveness of Pyrethroids as Protectants of Raw Agricultural Commodities Stored in Southeast Georgia, USA. 1994; 2, 741-745.
Notes: Chemical of Concern: BRSM,CYF,DM,RSM
6. Bakker, C. J. ; Swanton, C. J., and McKeown, A. W. Broccoli growth in response to increasing rates of pre-plant nitrogen. I. Yield and quality. 2009; 89, (3): 527-537.
Notes: Chemical of Concern: CYF
7. ---. Broccoli growth in response to increasing rates of pre-plant nitrogen. II. Dry matter and nitrogen accumulation. 2009; 89, (3): 539-548.
Notes: Chemical of Concern: CYF
8. Berger-Preiss, Edith; Koch, Wolfgang; Gerling, Susanne; Kock, Heiko; Appel, Klaus E, and Berger-Preiss, Edith. Use of Biocidal Products (Insect Sprays and Electro-Vaporizer) in Indoor Areas - Exposure Scenarios and Exposure Modeling. 2009 Sep; 212, (5): 505-518.
Notes: Chemical of Concern: CYF
9. Bradman, a S a and Bradman, A S A. Pesticides and Their Metabolites in the Homes and Urine of Farmworker Children Living in the Salinas Valley, Ca. 2009 Nov; 19, (7): 694-695.
Notes: Chemical of Concern: CYF
10. Breckenridge, C. B.; Holden, L.; Sturgess, N.; Weiner, M.; Sheets, L.; Sargent, D.; Soderlund, D. M.; Choi, J. S.; Symington, S.; Clark, J. M.; Burr, S., and Ray, D. Evidence for a Separate Mechanism of Toxicity for the Type I and the Type II Pyrethroid Insecticides. Charles.Breckenridge@syngenta.com//: 2009; 30, (suppl.1): S17 - S31.
Notes: Chemical of Concern: BFT,CYF,CYP,DM,DTATN,EFV,FPP,LCYT,PMR,RSM,TFT
11. Burts, E. Pear, Soft Pesticide Test, 1991. SOIL; 1992; 17, 45-47 (40A).

Notes: EcoReference No.: 107780

Chemical of Concern: ABM,ALSV,AMZ,AZ,CYF,CaPS,DFZ,ES,MOIL,OTQ,SFR

12. Cao, Z. Y.; Shafer, T. J.; Crofton, K. M.; Gennings, C., and Murray, T. F. Additivity of Pyrethroid Actions on Sodium Influx in Cerebrocortical Neurons in Primary Culture. 2011; 119, (9): 1239-1246.
Notes: Chemical of Concern: CYF
13. Cao, Z. Y.; Shafer, T. J., and Murray, T. F. Mechanisms of Pyrethroid Insecticide-Induced Stimulation of Calcium Influx in Neocortical Neurons. 2011; 336, (1): 197-205.
Notes: Chemical of Concern: CYF
14. Carvalho, L. C.; Estevas, M. S.; Ferreira, L. M.; Fernandes, E., and Marques, M. M. B. A new insight on the hypochlorous acid scavenging mechanism of tryptamine and tryptophan derivatives. 2010; 20, (22): 6475-6478.
Notes: Chemical of Concern: CYF
15. Castagna, R. ; Davis, P. A.; Vasu, V. T.; Soucek, K.; Cross, C. E.; Greci, L., and Valacchi, G. Nitroxide radical TEMPO reduces ozone-induced chemokine IL-8 production in lung epithelial cells. 2009; 23, (3): 365-370.
Notes: Chemical of Concern: CYF
16. Chang, Qingyun; Feng, Tao; Song, Shuangju; Zhou, Xin; Wang, Chun, and Wang, Zhi. Analysis of eight pyrethroids in water samples by liquid-liquid microextraction based on solidification of floating organic droplet combined with gas chromatography. 2010; 171, (3-4): 241-247.
Notes: Chemical of Concern: CYF
17. Chen, Chen; Qian, Yongzhong; Chen, Qiong; Tao, Chuanjiang; Li, Chuanyong, and Li, Yun. Evaluation of pesticide residues in fruits and vegetables from Xiamen, China. 2011 Jul; 22, (7): 1114-1120.
Notes: Chemical of Concern: CYF
18. Chen, Shaohua; Hu, Meiyong; Liu, Jingjing; Zhong, Guohua; Yang, Liu; Rizwan-UI-Haq, Muhammad; Han, Haitao, and Chen, Shaohua. Biodegradation of Beta-Cypermethrin and 3-Phenoxybenzoic Acid by a Novel Ochrobactrum Lupini Dg-S-01. 2011 Mar 15; 187, (1-3): 433-440.
Notes: Chemical of Concern: CYF
19. Chen, Shaohua; Lai, Kaiping; Li, Yanan; Hu, Meiyong; Zhang, Yanbo; Zeng, Yong, and Hu, Meiyong. Biodegradation of Deltamethrin and Its Hydrolysis Product 3-Phenoxybenzaldehyde by a Newly Isolated Streptomyces Aureus Strain Hp-S-01. 2011 May; 90, (4): 1471-1483.
Notes: Chemical of Concern: CYF
20. Chen, Shaohua; Yang, Liu; Hu, Meiyong; Liu, Jingjing, and Hu, Meiyong. Biodegradation of Fenvalerate and 3-Phenoxybenzoic Acid by a Novel Stenotrophomonas Sp. Strain Zs-S-01 and Its Use in Bioremediation of Contaminated Soils. 2011 Apr; 90, (2): 755-767.
Notes: Chemical of Concern: CYF
21. Clark, J. M. and Symington, S. B. Neurotoxic Implications of the Agonistic Action of CS-Syndrome Pyrethroids on the N-Type Ca(V)2.2 Calcium Channel. Department of Veterinary and Animal Science, University of Massachusetts, Amherst, MA 01003, USA. jclark@vasci.umass.edu//: 2008; 64, (6): 628-638.
Notes: Chemical of Concern: ATN,BRSM,CYF,DM,EFV,FPP,PMR,RSM,TFT
22. Delgado-Moreno, L.; Wu, L., and Gan, J. Effect of Dissolved Organic Carbon on Sorption of Pyrethroids to Sediments.
Notes: Chemical of Concern: CYF

23. Deziel, N. C.; Viet, S. M.; Rogers, J. W.; Camann, D. E.; Marker, D. A.; Heikkinen, M. S. A.; Yau, A. Y.; Stout, D. M., and Dellarco, M. Comparison of wipe materials and wetting agents for pesticide residue collection from hard surfaces. 2011; 409, (20): 4442-4448.
Notes: Chemical of Concern: CYF
24. Du, Guizhen; Shen, Ouxi; Sun, Hong; Fei, Juan; Lu, Chuncheng; Song, Ling; Xia, Yankai; Wang, Shoulin; Wang, Xinru, and Du, Guizhen. Assessing Hormone Receptor Activities of Pyrethroid Insecticides and Their Metabolites in Reporter Gene Assays. 2010 Jul; 116, (1): 58-66.
Notes: Chemical of Concern: CYF
25. Ensminger, Michael; Bergin, Rick; Spurlock, Frank; Goh, Kean S, and Ensminger, Michael. Pesticide Concentrations in Water and Sediment and Associated Invertebrate Toxicity in Del Puerto and Orestimba Creeks, California, 2007-2008. 2011 Apr; 175, (1-4): 573-587.
Notes: Chemical of Concern: CYF
26. European Commission. Review Report for the Active Substance beta-Cyfluthrin. 2002: 52 p.
Notes: Chemical of Concern: CYF
27. ---. Review Report for the Active Substance Cyfluthrin. 2002: 54 p.
Notes: Chemical of Concern: CYF
28. Fan, Y. M.; Saito, T., and Isogai, A. TEMPO-mediated oxidation of beta-chitin to prepare individual nanofibrils. 2009; 77, (4): 832-838.
Notes: Chemical of Concern: CYF
29. Fenoll, Jose ; Ruiz, Encarnacion; Flores, Pilar; Hellin, Pilar; Navarro, Simon, and Fenoll, Jose. Reduction of the Movement and Persistence of Pesticides in Soil Through Common Agronomic Practices. 2011 Nov; 85, (8): 1375-1382.
Notes: Chemical of Concern: CYF
30. Feo, M L; Eljarrat, E; Barcelo, D, and Feo, M L. A Rapid and Sensitive Analytical Method for the Determination of 14 Pyrethroids in Water Samples. 2010 Apr 9; 1217, (15): 2248-2253.
Notes: Chemical of Concern: CYF
31. Haag, S. F.; Chen, M.; Peters, D.; Keck, C. M.; Taskoparan, B.; Fahr, A.; Teutloff, C.; Bittl, R.; Lademann, J.; Schafer-Korting, M., and Meinke, M. C. Nanostructured lipid carriers as nitroxide depot system measured by electron paramagnetic resonance spectroscopy. 2011; 421, (2): 364-369.
Notes: Chemical of Concern: CYF
32. Haag, S. F.; Taskoparan, B.; Bittl, R.; Teutloff, C.; Wenzel, R.; Fahr, A.; Chen, M.; Lademann, J.; Schafer-Korting, M., and Meinke, M. C. Stabilization of Reactive Nitroxides Using Invasomes to Allow Prolonged Electron Paramagnetic Resonance Measurements. 2011; 24, (6): 312-321.
Notes: Chemical of Concern: CYF
33. Hanzas, J. P.; Jones, R. L., and White, J. W. Runoff Transport of Pyrethroids from a Residential Lawn in Central California. 2011; 40, (2): 587-597.
Notes: Chemical of Concern: CYF
34. Hays, S M; Aylward, L L; Gagne, M; Krishnan, K, and Hays, S M. Derivation of Biomonitoring Equivalents for Cyfluthrin. 2009 Dec; 55, (3): 268-275.
Notes: Chemical of Concern: CYF
35. Heimann, K. G. FCR 1272 & 5172 (c.n. Cyfluthrin (proposed) and Methamidophos)/Study for Combination Toxicity. 1983.
Notes: Chemical of Concern: CYF,MTM

36. Hoai, Pham Manh; Sebesvari, Zita; Minh, Tu Binh; Viet, Pham Hung; Renaud, Fabrice G, and Hoai, Pham Manh. Pesticide Pollution in Agricultural Areas of Northern Vietnam: Case Study in Hoang Liet and Minh Dai Communes. 2011 Dec; 159, (12): 3344-3350.
Notes: Chemical of Concern: CYF
37. Hoover, J. M.; Steves, J. E., and Stahl, S. S. Copper(I)/TEMPO-catalyzed aerobic oxidation of primary alcohols to aldehydes with ambient air. 2012; 7, (6): 1161-1166.
Notes: Chemical of Concern: CYF
38. Ishii, D.; Saito, T., and Isogai, A. Viscoelastic Evaluation of Average Length of Cellulose Nanofibers Prepared by TEMPO-Mediated Oxidation. 2011; 12, (3): 548-550.
Notes: Chemical of Concern: CYF
39. Jereb, M.; Zupan, M., and Stavber, S. Visible-Light-Promoted Wohl-Ziegler Functionalization of Organic Molecules with N-Bromosuccinimide under Solvent-Free Reaction Conditions. 2009; 92, (3): 555-566.
Notes: Chemical of Concern: CYF
40. Jiang, Weiying; Lin, Kunde; Haver, Darren; Qin, Sujie; Ayre, Gilboa; Spurlock, Frank; Gan, Jay, and Jiang, Weiying. Wash-Off Potential of Urban Use Insecticides on Concrete Surfaces. 2010 Jun 1; 29, (6): 1203-1208.
Notes: Chemical of Concern: CYF
41. Jiang, Z.; Zhang, L. J.; Dong, C. N.; Ma, B. D.; Tang, W. J.; Xu, L. J.; Fan, Q. H., and Xiao, J. L. Palladium-catalyzed highly regioselective and stereoselective arylation of electron-rich allyl amines with aryl bromides. 2012; 68, (24): 4919-4926.
Notes: Chemical of Concern: CYF
42. Johnson, R. M. Toxicogenomics of *Apis mellifera*. 2008: 118 p. (UMI# 3347400).
Notes: Chemical of Concern: AND,CMPH,CYF,DLD,LCYT,PPB,PPCP,SCA,TAUF,TBF
43. Jones, R. T. ; Bakker, S. E.; Stone, D.; Shuttleworth, S. N.; Boundy, S.; McCart, C.; Daborn, P. J.; Ffrench-Constant, R. H., and van den Elsen, J. M. H. Homology modelling of *Drosophila* cytochrome P450 enzymes associated with insecticide resistance. 2010; 66, (10): 1106-1115.
Notes: Chemical of Concern: CYF
44. Keenan, James J; Ross, John H; Sell, Vincent; Vega, Helen M; Krieger, Robert I, and Keenan, James J. Deposition and Spatial Distribution of Insecticides Following Fogger, Perimeter Sprays, Spot Sprays, and Crack-and-Crevise Applications for Treatment and Control of Indoor Pests. 2010 Nov; 58, (2): 189-195.
Notes: Chemical of Concern: CYF
45. Khattak, S. U.; Jabbar, A., and Hussain, N. Chemical Control of Hairy Caterpillar, *Diacrisia obliqua* Walk. 1991; 23, (2): 149-152.
Notes: Chemical of Concern: ACP,CYF,DDVP
46. Kuang, H.; Hong, M.; Hou, X. L.; Zhao, Y. F.; Shen, J. Z., and Wu, Y. N. Determination of enantiomeric fractions of cypermethrin and cis-bifenthrin in Chinese teas by GC/ECD. 2010; 90, (8): 1374-1379.
Notes: Chemical of Concern: CYF
47. Kuang, H.; Miao, H.; Hou, X. L.; Zhao, Y. F.; Shen, J. Z.; Xu, C. L., and Wu, Y. N. Determination of Pyrethroid Residues in Pork Muscle by Immunoaffinity Cleanup and GC-ECD. 2009; 70, (5-6): 995-999.
Notes: Chemical of Concern: CYF
48. Kuang, H.; Wu, Y. N.; Hou, X. L.; Miao, H.; Zhang, G.; Shen, J. Z., and Xu, C. L. Synthesis of derivatives and

production of antiserum for class specific detection of pyrethroids by indirect ELISA. 2009; 89, (6): 423-437.

Notes: Chemical of Concern: CYF

49. Lambert, M. R. K. Effects of Pesticides on Amphibians and Reptiles in Sub-Saharan Africa. 1997; 150, 31-73.
Notes: Chemical of Concern:
BDC,CPY,CYF,DDE,DDT,DLD,DM,ES,FNT,HCCH,HPT,MLN,PMR,PPCP,TCF,TMP,TXP
50. Lambkin, T. A. and Furlong, M. J. Metabolic Mechanisms Only Partially Explain Resistance to Pyrethroids in Australian Broiler House Populations of Lesser Mealworm (Coleoptera: Tenebrionidae).
Department of Employment, Economic Development and Innovation, Agri-Science Queensland, 665 Fairfield Rd., Yeerongpilly, QLD 4105, Australia. trevor.lambkin@deedi.qld.gov.au//: 2011; 104, (2): 629-635.
Notes: Chemical of Concern: CYF,DM,GCYH,PPB
51. Lao, W. J.; Tiefenthaler, L.; Greenstein, D. J.; Maruya, K. A.; Bay, S. M.; Ritter, K., and Schiff, K. Pyrethroids in Southern California coastal sediments. 2012; 31, (7): 1649-1656.
Notes: Chemical of Concern: CYF
52. Lee, K. Y.; Park, S. Y., and Lee, H. G. Effect of oat ss-glucan and its oxidised derivative on the quality characteristics of sponge cake. 2011; 46, (12): 2663-2668.
Notes: Chemical of Concern: CYF
53. Li, Z. Y.; Zhang, Z. C.; Zhang, L., and Leng, L. Isomer- and enantioselective degradation and chiral stability of fenprothrin and fenvalerate in soils. 2009; 76, (4): 509-516.
Notes: Chemical of Concern: CYF
54. Linduska, J. J.; Ross, M.; Baumann, D., and Parr, A. Control of Cabbage Looper, Diamondback Moth, and Imported Cabbageworm on Cabbage with Pyrethroid Insecticides, 1997. SOIL; 1998; 23, 77-78 (8E).
Notes: Chemical of Concern: CYF,CYP,LCYT
55. Loha, Kumelachew M; Shakil, Najam a; Kumar, Jitendra; Singh, Manish K; Adak, Totan; Jain, Suresh, and Loha, Kumelachew M. Release Kinetics of Beta -Cyfluthrin From Its Encapsulated Formulations in Water. 2011 Apr; 46, (3): 201-206.
Notes: Chemical of Concern: CYF
56. Longley, M. A Review of Pesticide Effects upon Immature Aphid Parasitoids Within Mummified Hosts. 1999; 45, (2): 139-145.
Notes: Chemical of Concern:
ACP,AZ,BFT,CBL,CPY,CYF,CYP,DCTP,DEM,DM,DMT,DZ,EFV,EPRN,ES,ETN,FNT,FNV,FPP ,FVL,HCCH,LCYT,MDT,MLN,MOM,MTM,MVP,PHSL,PIM,PPCP,PPHD,PRN,TCF,TLM
57. Mader, E. A. ; Manner, V. W.; Markle, T. F.; Wu, A.; Franz, J. A., and Mayer, J. M. Trends in Ground-State Entropies for Transition Metal Based Hydrogen Atom Transfer Reactions. 2009; 131, (12): 4335-4345.
Notes: Chemical of Concern: CYF
58. Man, D.; Olchawa, R., and Kubica, K. Membrane fluidity and the surface properties of the lipid bilayer: ESR experiment and computer simulation. 2010; 20, (3): 211-218.
Notes: Chemical of Concern: CYF
59. Mart+nez, M. A.; Castellano, V.; Ramos, E.; Ares, I.; Mart+nez, M.; Mart+nez-Larra+aga, M. R., and Anad+rn., A. Testosterone hydroxylases in evaluating induction of cytochrome P450 isoenzymes by pyrethroids Type II deltamethrin and cyfluthrin: **Abstracts of the XII International Congress of**

Toxicology. 2010 Jul 17-; 196, Supplement, (0): S106.

Notes: Chemical of Concern: CYF

60. Masoero, F.; Gallo, A.; Zanfi, C.; Giuberti, G., and Spanghero, M. Chemical Composition and Rumen Degradability of Three Corn Hybrids Treated with Insecticides Against the European Corn Borer (*Ostrinia nubilalis*). SOIL; 2010; 155, (1): 25-32.
Notes: EcoReference No.: 157600
Chemical of Concern: CYF,DM
61. Melnyk, Lisa Jo; Hieber, Thomas E; Turbeville, Tracy; Vonderheide, Anne P; Morgan, Jeffrey N, and Melnyk, Lisa Jo. Influences on Transfer of Selected Synthetic Pyrethroids From Treated Formica to Foods. 2011 Mar; 21, (2): 186-196.
Notes: Chemical of Concern: CYF
62. Menn, J. J.; King, E. G., and Coleman, R. J. Future Control Strategies for *Heliothis* in Cotton. 1989; 10, 101-121.
Notes: EcoReference No.: 153341
Chemical of Concern:
ACP,AZ,BFT,CPY,CYF,CYH,CYP,FNV,FVL,FYT,MOM,MP,PFF,PMR,SPS,TDC,TLM
63. Miyake, S.; Beppu, R.; Yamaguchi, Y.; Kaneko, H., and Ohkawa, H. Polyclonal and Monoclonal Antibodies Specific to the Chrysanthemic Acid Moiety of Pyrethroid Insecticides. Department of Biological and Environmental Science, Faculty of Agriculture, Kobe University, 1-1 Rokkodai-cho, Nada-ku, Kobe 657-0013, Japan//: 1998; 54, (3): 189-194.
Notes: Chemical of Concern:
ATN,CYF,CYH,CYP,DM,EFX,FPP,FYT,PMR,PYN,RSM,SMT,TAUF,TMT
64. Morrow, M. G.; Johnson, R. N.; Polanco, J., and Claborn, D. M. Failure of Interior Residual Sprays as Protection Against Mosquitoes in Military-Issued Two-Man Tents.
Notes: Chemical of Concern: CYF
65. Nillos, M. G.; Qin, S. J.; Larive, C.; Schlenk, D., and Gan, J. Epimerization of Cypermethrin Stereoisomers in Alcohols. 2009; 57, (15): 6938-6943.
Notes: Chemical of Concern: CYF
66. O'reilly, K. E.; Patel, U.; Chu, J.; Patel, R., and Machler, B. C. Chemical Leukoderma.
Notes: Chemical of Concern: CYF
67. Ostrea Jr, Enrique M.; Reyes, Alexis; Villanueva-Uy, Esterlita; Pacifico, Rochelle; Benitez, Bernadette; Ramos, Essie; Bernardo, Rommel C.; Bielawski, Dawn M.; Delaney-Black, Virginia; Chiodo, Lisa; Janisse, James J., and Ager, Joel W. Fetal exposure to propoxur and abnormal child neurodevelopment at 2 years of age. (0).
Notes: Chemical of Concern: CYF
68. Parveen, Z.; Afridi, I. A. K., and Masud, S. Z. A Multi-Residue Method for Quantitation of Organochlorine, Organophosphorus and Synthetic Pyrethroid Pesticides in Cotton Seeds. SOIL; 1994; 37, (12): 536-540.
Notes: Chemical of Concern:
AND,BFT,CPY,CYF,CYH,CYP,DCF,DDT,DLD,DM,DMT,DZ,ES,FNV,FPP,FVL,FYT,HCCH,HP T,MP,MTM,PFF,PIRM,PMR,PPCP
69. Patil, S. H. ; Banerjee, K.; Dasgupta, S.; Oulkar, D. R.; Patil, S. B.; Jadhav, M. R.; Savant, R. H.; Adsule, P. G., and Deshmukh, M. B. Multiresidue analysis of 83 pesticides and 12 dioxin-like polychlorinated biphenyls in wine by gas chromatography-time-of-flight mass spectrometry. 2009; 1216, (12): 2307-2319.

Notes: Chemical of Concern: CYF

70. Pauli, B. D.; Perrault, J. A., and Money, S. L. RATL: A Database of Reptile and Amphibian Toxicology Literature. 2000: 494 p.
Notes: Chemical of Concern:
24D,24DXY,3CE,ACL,ACP,ACY,ADC,AMTL,AN,AND,ANT,ANZ,ATN,ATP,ATZ,AZ,Ag,AgN,Al,As,BC,BDC,BDF,BNZ,BPZ,BRA,BTY,CBD,CBF,CBL,CF,CHD,CMPH,CN,CPY,CTC,CTN,CYF,CYH,CYP,CZE,CaCl₂,CdCl₂,CdN,CdS,CoCl₂,Cr,Cu,CuS,DBN,DCTP,DDT,DDVP,DEM,DFZ,DINO,DLD,DLF,DM,DMB,DMT,DS,DU,DXN,DZ,EDB,EDT,EFV,EGY,EN,EP,EPRN,ES,ETHN,ETN,FBM,FMP,FNT,FNV,FPP,FTH,GIB,GYP,HCCH,HPT,Halides,HgCl₂,IFP,IMC,IODN,K₂Cr₂O₇,K₂CrO₄,LNR,MBZ,MCB,MCPA,MDT,MLN,MLO,MLT,MLX,MOM,MP,MRX,MTB,MTL,MTPN,MVP,MXC,MYC,MZB,Maneb,NAPH,NBZ,NCTN,NH₃,NHN,NHP,NRM,NaBr,NaNO₃,Nabam,Naled,OML,OMT,PAQT,PCH,PCL,PCP,PHE,PHSL,PL,PPB,PPCP,PPCP2011,PPHD,PPN,PPX,PQT,PRN,PRT,PSM,PTP,PVL,PYN,PYPG,PYR,Pa,PbAC,PbN,REM,RTN,SA,SAC,SBA,SCA,SFL,SFT,SMT,SRT,STCH,TBA,TBC,TBO,TBT,TCDD,TEG,THM,TMP,TMT,TOL,TPM,TPR,TXP,Tc,Ti,Urea,VCZ,WFN,Zineb,ZnS
71. Qi, Z. D.; Saito, T.; Fan, Y. M., and Isogai, A. Multifunctional Coating Films by Layer-by-Layer Deposition of Cellulose and Chitin Nanofibrils. 2012; 13, (2): 553-558.
Notes: Chemical of Concern: CYF
72. Ramadan, A. A.; Bakry, N. M.; Marei, A. S. M.; Eldefrawi, A. T., and Eldefrawi, M. E. Action of Pyrethroids on K⁺-Stimulated Calcium Uptake by, and (3H) Nimodipine Binding to, Rat Brain Synaptosomes. 1988; 32, (2): 114-122.
Notes: Chemical of Concern:
ATN,CYF,CYP,DM,DTATN,FNV,FVL,FYT,PMR,PYN,RSM,TLM,TMT
73. Riederer, Anne M; Hunter Jr, Ronald E; Hayden, Steven W; Ryan, P Barry, and Riederer, Anne M . Pyrethroid and Organophosphorus Pesticides in Composite Diet Samples From Atlanta, Usa Adults. 2009 Dec 8; 44, (1): 483-490.
Notes: Chemical of Concern: CYF
74. Rodriguez-Ubinas, Edwin; Ruiz-Valero, Letzai; Vega, Sergio, and Neila, Javier. Applications of Phase Change Material in highly energy-efficient houses. 2012 Jul; 50, (0): 49-62.
Notes: Chemical of Concern: CYF
75. Sadowska-Woda, I.; Wójcik, N.; Karowicz-Bilińska, A., and Bieszczad-Bedrejcuk, E. Effect of Selected Antioxidants in Beta-Cyfluthrin-Induced Oxidative Stress in Human Erythrocytes in Vitro. Notes: Chemical of Concern: CYF
76. Sadowska-Woda, Izabela; Wójcik, Natalia; Karowicz-bilińska, Agata, and Bieszczad-bedrejcuk, Edyta. Effect of selected antioxidants in +₋-cyfluthrin-induced oxidative stress in human erythrocytes in vitro. 2010 Apr; 24, (3): 879-884.
Notes: Chemical of Concern: CYF
77. Sadowska-Woda, Izabela; Wojcik, Natalia; Karowicz-Bilinska, Agata; Bieszczad-Bedrejcuk, Edyta, and Sadowska-Woda, Izabela. Effect of Selected Antioxidants in B-Cyfluthrin-Induced Oxidative Stress in Human Erythrocytes in Vitro. 2010 Apr; 24, (3): 879-884.
Notes: Chemical of Concern: CYF
78. Schulz, R. Field Studies on Exposure, Effects, and Risk Mitigation of Aquatic Nonpoint-Source Insecticide Pollution: A Review. 2004; 33, 419-448.
Notes: Chemical of Concern:
ADC,AZ,CBF,CBL,CPY,CYF,CYP,DCF,DDVP,DLD,DM,DMT,DS,DZ,EPRN,ES,ETN,FNF,FNT,FNTH,FNV,HCCH,MDT,MLN,MP,OML,OXD,PIM,PMR,PPCP,PRN,TBC,TBO,TCF,TXP

79. Sereda, B.; Bouwman, H., and Kylin, H. Comparing Water, Bovine Milk, and Indoor Residual Spraying as Possible Sources of DDT and Pyrethroid Residues in Breast Milk (NO DUP?). 2009; 72, (14): 897-908.
Notes: Chemical of Concern: CYF
80. ---. Comparing Water, Bovine Milk, and Indoor Residual Spraying as Possible Sources of DDT and Pyrethroid Residues in Breast Milk. 2009; 72, (13): 842-851.
Notes: Chemical of Concern: CYF
81. Shi, X. Z.; Liu, J. H.; Sun, A. L.; Li, D. X., and Chen, J. Group-selective enrichment and determination of pyrethroid insecticides in aquaculture seawater via molecularly imprinted solid phase extraction coupled with gas chromatography-electron capture detection. 2012; 1227, 60-66.
Notes: Chemical of Concern: CYF
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Notes: Chemical of Concern: CYF
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Chemical of Concern: MOM,LCYT,EFV,CPY,TLM,CYP,CYF; Habitat: T; Effect Codes: PHY,POP; Code: EFFICACY(MOM,LCYT,EFV,CPY,TLM,CYP,CYF).
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Chemical of Concern: PMR,MP,CYF,CBF,CYP,FNV,CPY,EFV,MOM,CBL; Habitat: T; Effect Codes: POP; Code: OK(PMR,CPY),TARGET(MP,CYF,CBF,CYP,FNV,EFV,MOM,CBL).

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Chemical of Concern: ADC,EP,CBF,PRT,CYF,PSM; Habitat: T; Effect Codes: POP,REP,GRO; Code: LITE EVAL CODED(CBF,ADC),EFFICACY(PRT,CYF,PSM),NO MIXTURE(EP).
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Chemical of Concern: FXS,CYR,ACP,CPY,BFT,CYF; Habitat: T; Effect Codes: GRO; Code: OK(FXS),EFFICACY(CYR,ACP,CPY,BFT,CYF).

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Chemical of Concern: MP,FPP,BFT,PRN,CYF,CPY,CBL; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED(CPY),TARGET(MP,FPP,BFT,CYF,CBL).

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EcoReference No.: 110058

Chemical of Concern: CYF,DM,CBL; Habitat: T; Effect Codes: POP,GRO; Code: NO COC(AZX),EFFICACY(CYF,DM),TARGET(CBL).

El-Guindy, M. A., El-Refai, A. R. A., and Saleh, W. S. (1982). The Role of Esterases in the Defence Mechanism Against Intoxication by Fenitrothion in Susceptible and Field Tolerant Strains of *Spodoptera littoralis* Boisd. *Int.Pest Control* 24: 100-108.

EcoReference No.: 92701

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

Elbert, A. and Nauen, R. (2000). Resistance of *Bemisia tabaci* (Homoptera: Aleyrodidae) to Insecticides in Southern Spain with Special Reference to Neonicotinoids. *Pest Manag.Sci.* 56: 60-64.

EcoReference No.: 63840

Chemical of Concern: CYF,ES,MTM,PMZ,IMC,TMX,PYX,BPZ,NCTN; Habitat: T; Effect Codes: MOR,BCM,POP; Code: TARGET(NCTN,MTM,IMC,ES,CYF).

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

EcoReference No.: 89145

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

Elzen, G. W. (2001). Lethal and Sublethal Effects of Insecticide Residues on *Orius insidiosus* (Hemiptera: Anthocoridae) and *Geocoris punctipes* (Hemiptera: Lygaeidae). *J.Econ.Entomol.* 94: 55-59.

EcoReference No.: 59414

Chemical of Concern: SS,TUZ,IMC,AZ,CFP,ES,MLN,CYF,PFF,FPN; Habitat: T; Effect Codes:

- MOR,BEH,REP; Code: TARGET(TUZ,IMC,AZ,CFP,MLN,CYF,PFF,FPN).
- Fife, J. H., Leonard, B. R., and Costello, R. W. (1999). Efficacy of Selected Insecticides Against Cotton Aphids in Cotton, 1998. *Arthropod Manag.Tests* 24: 243-244 (F57).
- EcoReference No.: 88074
Chemical of Concern: DCTP,ES,CBF,IMC,MOM,CYF; Habitat: T; Effect Codes: POP; Code: TARGET(DCTP,ES,CBF,IMC,MOM,CYF).
- Flood, B. R. (1986). Corn Earworm and European Corn Borer Control in Sweet Corn, 1985. *Insectic.Acaric.Tests* 11: 128-129 (171).
- EcoReference No.: 87888
Chemical of Concern: TDC,EFV,PDM,MOM,PMR,CYP,CYF,BFT,CBL,LCYT; Habitat: T; Effect Codes: GRO,POP; Code: OK(PMR),TARGET(CBL,CYP,CYF,BFT,TDC,EFV,PDM,LCYT),NO MIXTURE(MOM).
- Flood, B. R. (1986). European Corn Borer Control in Snap Beans, 1984. *Insectic.Acaric.Tests* 11: 105-106 (136).
- EcoReference No.: 87890
Chemical of Concern: PDM,ACP,CYH,CYF,TDC,PMR,BFT,CBL,CYP; Habitat: T; Effect Codes: POP,PHY; Code: OK(PMR),TARGET(CBL,TDC,PDM,ACP,CYF,BFT,CYP).
- 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: MOM,EFV,PDM,CBL,ACP,CYF,TDC,PMR; Habitat: T; Effect Codes: POP,PHY; Code: OK(PMR),TARGET(EFV,PDM,ACP,CYF,TDC),NO MIXTURE(MOM,CBL).
- Foster, D. E. and Wintersteen, W. K. (1986). Stalk Borer Control; 1985. *Insectic.Acaric.Tests* 11: 230-231 (301).
- EcoReference No.: 88664
Chemical of Concern: FNV,MTL,FNF,BFT,PMR,PAQT,LCYT,ATZ,CYF,CPY,CBL; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CBL,BFT,CYF),NO MIXTURE(PAQT,MTL,ATZ,FNV,CPY).
- Gayathri, V. and Murthy, P. B. (2006). Reduced Susceptibility to Deltamethrin and KDR Mutation in Anopheles stephensi Liston, a Malaria Vector in India. *J.Am.Mosq.Control Assoc.* 22: 678-688.
- EcoReference No.: 99907
Chemical of Concern: DM,PMR,LCYT,CYF,MLN,DDT,PPX; Habitat: AT; Effect Codes: MOR,CEL; Code: TARGET(PMR,MLN,CYF,PPX),NO DURATION(DM).
- Ghidiu, G. M. (1986). Control of Colorado Potato Beetle with Pyrethroid Insecticides, 1985. *Insectic.Acaric.Tests* 11: 158-159 (218).
- EcoReference No.: 87902
Chemical of Concern: EPRN,ES,OML,EFV,FVL,PPB,AZ,PMR,CBL,CYF; Habitat: T; Effect Codes: POP,PHY; Code: OK(PMR,ES),EFFICACY(OML,EFV,FVL,AZ,CBL,CYF),NO MIXTURE(PPB).
- Ghidiu, G. M. (1986). Foliar Sprays to Control Insect Pests on Late-Planted Sweet Corn, 1985. *Insectic.Acaric.Tests* 11: 130-131 (173).
- EcoReference No.: 87895
Chemical of Concern: PPB,EFV,EPRN,MOM,FVL,LCYT,PMR,CYF,FNF,TDC,CBL,MP ; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(EFV,MOM,FVL,LCYT,CYF,TDC,CBL,MP),NO

MIXTURE(PPB).

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

EcoReference No.: 88838

Chemical of Concern: EFV,FNV,PMR,CYF,CPY,MOM,CBL,ACP,TDC; Habitat: T; Effect Codes: POP,PHY; Code: LITE EVAL
CODED(MOM,TDC),EFFICACY(EFV,FNV,PMR,CYF,CPY,ACP),TARGET(CBL).

Grafton-Cardwell, E. E., Montez, G. M., Reagan, C. A., Dunn, R. A., and Ouyang, Y. (2008). Response of Citrus Peelminer *Marmara Gulosa* Guille(Acute)N and Davis (Lepidoptera: Gracillariidae) Stages to Various Insecticides. *Pest Management Science* 64 : 1143-1150.

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

Guedes, R. N., Campbell, J. F., Arthur, F. H., Opit, G. P., Zhu, K. Y., and Throne, J. E. (2008). Acute Lethal and Behavioral Sublethal Responses of Two Stored-Product Psocids to Surface Insecticides. *Pest Manag Sci* 64: :1314-22.

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

Guillebeau, L. P. and All, J. N. (1991). Use of Pyrethroids, Methomyl, and Chlorpyrifos to Control Fall Armyworm (Lepidoptera: Noctuidae) in Whorl Stage Field Corn, Sweet Corn, and Sorghum. *Fla.Entomol.* 74 : 261-270.

EcoReference No.: 108490

Chemical of Concern: CYH,EFV,TLM,FVL,CYP,PMR,FNV,FYT,PYT,MOM,CPY,CYF ; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED(CPY),EFFICACY(EFV,TLM,FVL,CYP,FNV,MOM,CYF),OK(PMR).

Gupta, G. and Krischik, V. A. (2007). Professional and Consumer Insecticides for Management of Adult Japanese Beetle on Hybrid Tea Rose. *J Econ Entomol* 100: :830-7.

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

Hamm, R. L., Kaufman, P. E., Reasor, C. A., Rutz, D. A., and Scott, J. G. (2006). Resistance to Cyfluthrin and Tetrachlorvinphos in the Lesser Mealworm, *Alphitobius Diaperinus*, Collected From the Eastern United States. *Pest Manag Sci* 62: :673-7.

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

Hata, T. Y., Hara, A. H., and Hu, B. K. S. (1994). Postharvest Control of Thrips with Pyrethroids on Dendrobium, 1993. *Arthropod Manag.Tests* 19: 352-353 (3I).

EcoReference No.: 106259

Chemical of Concern: BFT,CYF,FVL; Habitat: T; Effect Codes: POP; Code: TARGET(BFT,CYF,FVL).

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: LCYT,GCYH,DM,EFV,CYP,FPP,EFX,CYF,MTM; Habitat: T; Effect Codes: MOR; Code: TARGET(MTM,CYF,EFX,CYP,EFV,DM,FPP).

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). *Pesticide Biochemistry and Physiology* 89 : 12-19.

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

Heller, P. R. and Kellogg, S. (1988). Hairy Chinch Bug Control on a Home Lawn in Somerset, PA, 1987. *Insectic.Acaric.Tests* 13: 351-352 (46G).

EcoReference No.: 88825

Chemical of Concern: FPP,CPY,ACP,CBL,CYF; Habitat: T; Effect Codes: POP; Code: TARGET(ACP,CBL,CYF,CPY,FPP).

Heller, P. R. and Kellogg, S. (1988). Pine Needle Scale Control on Scotch Pine in Centre County, Pennsylvania, 1987. *Insectic.Acaric.Tests* 13: 382 (22H).

EcoReference No.: 88821

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

Hellman, J. L. and Patton, T. W. (1988). Corn Earworm and Green Cloverworm Control in Soybeans, 1986. *Insectic.Acaric.Tests* 13 : 283-284 (142F).

EcoReference No.: 88856

Chemical of Concern: PMR,BFT,TDC,CYF,EFV,FNV,CPY,ACP,MOM,CBL,MP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),OK(PMR),TARGET(TDC,CYF,EFV,FNV,ACP,MOM,CBL,MP,BFT).

Hellman, J. L. and Patton, T. W. (1988). Corn Earworm Control in Soybeans, 1987. *Insectic.Acaric.Tests* 13: 286 (146F).

EcoReference No.: 88858

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

Hellman, J. L. and Patton, T. W. (1988). Corn Earworm Control on Soybean, 1986. *Insectic.Acaric.Tests* 13: 284 (143F).

EcoReference No.: 88857

Chemical of Concern: PMR,CYF,TDC,MOM,FNV,BFT,CBL,EFV,ACP,CPY,MP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),OK(PMR),TARGET(CYF,TDC,MOM,FNV,CBL,EFV,ACP,MP,BFT).

Hellman, J. L. and Patton, T. W. (1988). Potato Leafhopper Control on Soybean, 1986. *Insectic.Acaric.Tests* 13: 283 (141F).

EcoReference No.: 88855

Chemical of Concern: BFT,CYF,PMR,EFV,MP,CBL,ACP,DMT,FNV,CPY,MOM,PFF; Habitat: T; Effect Codes: POP; Code: OK(PMR,CPY),TARGET(BFT,CYF,TCF,EFV,MP,CBL,ACP,DMT,FNV,MOM,PFF).

Hellman, J. L., Patton, T. W., and Hellman, E. L. (1988). Control of Green June Beetle Grubs on Golf Course Fairways, 1987. *Insectic.Acaric.Tests* 13: 329 (5G).

EcoReference No.: 88815

Chemical of Concern: CBL,CYF,FPP,TCF,ACP,DZ,FVL,CPY,PPX,PMR; Habitat: T; Effect Codes:

- MOR; Code: LITE EVAL CODED(CBL,DZ,CPY,PMR),TARGET(CYF,TCF,ACP,FVL,PPX,FPP).
- Hopkins, S. W., Hopkins, H. B., Benedict, J. H., and Pickel, S. L. (1988). Ovicide, Larvicide Trials, 1988. *Insectic.Acaric.Tests* 14: 235 (89F).
- EcoReference No.: 105569
Chemical of Concern: AMZ,CYF; Habitat: T; Effect Codes: MOR; Code: TARGET(AMZ,CYF).
- Hower, A. A. and Rebarchak, P. (1999). Potato Leafhopper Control, 1998. *Arthropod Manag.Tests* 24: 194-195 (F3).
- EcoReference No.: 88079
Chemical of Concern: CYF,MOM,DMT,LCYT,PMR,EFV; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MOM),OK(LCYT,PMR,EFV,DMT),TARGET(CYF).
- Hoy, C. W. and Dunlap, M. J. (1999). Ear Infesting Insect Control in Sweet Corn, 1998. *Arthropod Manag.Tests* 24: 125-126 (E30).
- EcoReference No.: 88086
Chemical of Concern: CYF,BFL,PMR; Habitat: T; Effect Codes: POP; Code: OK(PMR,BFL),TARGET(CYF).
- Hsu, J. C. and Feng, H. T. (2006). Development of Resistance to Spinosad in Oriental Fruit Fly (Diptera: Tephritidae) in Laboratory Selection and Cross-Resistance. *J Econ Entomol* 99: :931-6.
- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
- Hsu, J. C., Feng, H. T., and Wu, W. J. (2004). Resistance and Synergistic Effects of Insecticides in *Bactrocera dorsalis* (Diptera: Tephritidae) in Taiwan. *J.Econ.Entomol.* 97: 1682-1688.
- EcoReference No.: 88087
Chemical of Concern: Naled,TCF,FNT,FNTH,MLN,MOM,CYF,CYP,FNV,TBF,PPB; Habitat: T; Effect Codes: MOR; Code: OK(CYP),NO MIXTURE(TBF,PPB),TARGET(Naled,TCF,FNT,MLN,FNV,MOM,CYF).
- Hubert, J., Stejskal, V., Munzbergova, Z., Hajslova, J., and Arthur, F. H. (2007). Toxicity and Efficacy of Selected Pesticides and New Acaricides to Stored Product Mites (Acari: Acaridida). *Exp Appl Acarol* 42: :283-90.
- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
- Humeres, E. C. and Morse, J. G. (2006). Resistance of Avocado Thrips (Thysanoptera: Thripidae) to Sabadilla, a Botanically Derived Bait. *Pest Management Science* 62 : 886-889.
- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
- Iqbal, J., Khan, I. A., and Ahmad, S. (1997). Chemical Control of Tobacco Budworm, *Helicoverpa armigera* Hubner, (Noctuidae: Lepidoptera) on Tobacco Crop. *Sarhad J.Agric.* 13: 497-500.
- EcoReference No.: 89388
Chemical of Concern: TDC,CYP,CYF; Habitat: T; Effect Codes: POP; Code: OK(CYP),TARGET(TDC,CYF).
- Islam, M. N., Nessa, Z., and Karim, M. A. (1991). Management of the Potato Cutworm, *Agrotis ipsilon* (HFN.) (Lepidoptera: Noctuidae) with Insecticides Other than Organochlorinated Hydrocarbon Insecticides. *Bangladesh J.Zool.* 19: 173-177.

EcoReference No.: 93059

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

Jansen, J. P. (1996). Side Effects of Insecticides on *Aphidius rhopalosiphi* (Hym.: Aphidiidae) in Laboratory. *Entomophaga* 41: 37-43.

EcoReference No.: 110131

Chemical of Concern: BFT,CYF,CYP,DM,EFV,FVL,PIM; Habitat: T; Effect Codes: MOR,REP; Code: TARGET(DM,BFT,CYF,CYP,EFV,FVL,PIM).

Jansen, J. P. (2000). A Three-Year Field Study on the Short-Term Effects of Insecticides Used to Control Cereal Aphids on Plant-Dwelling Aphid Predators in Winter Wheat. *Pest Manag.Sci.* 56: 533-539.

EcoReference No.: 64813

Chemical of Concern: DM,EFV,PIM,CYF,FVL,PHSL; Habitat: T; Effect Codes: POP; Code: TARGET(EFV,DM,CYF).

John, R., Ephraim, T., and Andrew, A. (Reduced Susceptibility to Pyrethroid Insecticide Treated Nets by the Malaria Vector *Anopheles Gambiae* S.l. In Western Uganda. *Malar J.* 2008; 7:92. [*Malaria journal*]: *Malar J.*

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

Johnson, D. R., Lorenz, G. M., Hopkins, J. D., and Page, L. M. (2000). Evaluation of Nonsteroidal Ecdysone Agonists (Confirm and Intrepid) for Control of Heliothine Species in Cotton. In: D.M.Oosterhuis (Ed.), *Special Report 198, Proc.of the 2000 Cotton Res.Meeting and Summaries of Cotton Res.in Progress* 249-254.

EcoReference No.: 109198

Chemical of Concern: TUZ,DM,CYF,LCYT,MFZ,PFF; Habitat: T; Effect Codes: PHY,POP,GRO; Code: EFFICACY(TUZ,DM,CYF,LCYT,MFZ,PFF).

Johnson, D. R. and Studebaker, G. (1993). Control of Boll Weevils in Cotton, 1991. *Insectic.Acaric.Tests* 18: 228-229 (53F).

EcoReference No.: 90790

Chemical of Concern: CYF,EFV,LCYT,MP,MLN,AZ,ES; Habitat: T; Effect Codes: POP; Code: TARGET,CROP(MLN,MP,EFV),TARGET(CYF,AZ),NO MIXTURE(ES).

Johnson, D. R. and Studebaker, G. (1993). Control of Bollworm on Cotton Using BT Combinations, 1991. *Insectic.Acaric.Tests* 18: 235-236 (62F).

EcoReference No.: 92325

Chemical of Concern: ACP,TDC,ES,CYF; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES),NO COC(TFZ),EFFICACY(ACP,TDC,CYF).

Johnston, R. L. and Bishop, G. W. (1987). Aphid Control on Spring Wheat with Foliar Applied Insecticides, 1986. *Insectic.Acaric.Tests* 12: 310 (366).

EcoReference No.: 88701

Chemical of Concern: BFT,CYF,PPHD,DMT,ADC,CBL; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(DMT),EFFICACY(BFT,CYF,ADC),TARGET(CBL).

Johnston, R. L., Halbert, S., and Bishop, G. W. (1986). Aphid Control of Late Planted Wheat with Foliar Applied Insecticides, 1985. *Insectic.Acaric.Tests* 11: 368 (461).

EcoReference No.: 88668

Chemical of Concern: ADC,BFT,CBL,CYF; Habitat: T; Effect Codes: POP; Code: EFFICACY(BFT,CYF,CBL,ADC).

Kaakeh, W., Reid, B. L., Bennett, G. W., and Bohnert, T. J. (1994). Residual Activity of Type II Pyrethroids, 1992. *Arthropod Manag.Tests* 19: 360 (7J).

EcoReference No.: 106262

Chemical of Concern: CYF,DM; Habitat: T; Effect Codes: MOR; Code: TARGET(CYF,DM).

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

EcoReference No.: 82244

Chemical of Concern: DMT,CYF,TDC,MOM,EFV,MTM,CYP,CPY,BFT,DCTP,ACP,ES,LCYT; Habitat: T; Effect Codes: POP; Code: NO
COC(DKG),TARGET(ACP,MTM,DMT,DCTP,CPY,CYP,CYF,TDC,MOM,BFT),NO
MIXTURE(ES,EFV).

Karner, M. A. (1987). Alfalfa Insect Control in Oklahoma, 1986. *Insectic.Acaric.Tests* 12: 170 (199).

EcoReference No.: 88717

Chemical of Concern: CYF,CBF,CBL,CPY,CYP,EFV,MP,TDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),TARGET(CYF,CBF,CBL,CYP,EFV,MP,TDC).

Karunaratne, S. H. P. P., Hawkes, N. J., Perera, M. D. B., Ranson, H., and Hemingway, J. (2007). Mutated Sodium Channel Genes and Elevated Monooxygenases are Found in Pyrethroid Resistant Populations of Sri Lankan Malaria Vectors. *Pestic.Biochem.Physiol.* 88: 108-113.

EcoReference No.: 114150

Chemical of Concern: LCYT,DM,PMR,CYF,CYP,EFX; Habitat: T; Effect Codes: MOR,BCM; Code: TARGET(DM,PMR,CYF,CYP,EFX).

Karunaratne, S. H. P. P., Hawkes, N. J., Perera, M. D. B., Ranson, H., and Hemingway, J. (2007). Mutated sodium channel genes and elevated monooxygenases are found in pyrethroid resistant populations of Sri Lankan malaria vectors. *Pesticide Biochemistry and Physiology* 88: 108-113.

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

Kasap, H., Kasap, M., Alptekin, D., Luleyap, U., and Herath, P. R. J. (2000). Insecticide Resistance in Anopheles sacharovi Favre in Southern Turkey. *Bull.W.H.O.* 78: 687-692.

EcoReference No.: 64716

Chemical of Concern: EFX,CYF,LCYT,DDT,DLD,MLN,PIRM,FNT,BDC,PPX,DM,PMR ; Habitat: T; Effect Codes: MOR; Code: TARGET(EFX,PIRM,FNT,MLN,DM,PPX,CYF,PMR).

Kaufman, P. E., Strong, C., and Rutz, D. A. (2008). Susceptibility of Lesser Mealworm (Coleoptera: Tenebrionidae) Adults and Larvae Exposed to Two Commercial Insecticides on Unpainted Plywood Panels. *Pest Manag Sci* 64: :108-111.

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

Khan, I. and Morse, J. G. (2006). Impact of Citrus Thrips Chemical Treatments on the Predatory Mite Euseius Tularensis. *Journal of Applied Entomology* 130 : 386-392.

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

Khan, I. and Morse, J. G. (1997). Toxicity of Pesticide Residues to Citrus Thrips (Thysanoptera: Thripidae). *J.Agric.Entomol.* 14: 409-420.

EcoReference No.: 64738

Chemical of Concern: ABM,CFP,CYF,SS; Habitat: T; Effect Codes: MOR; Code: TARGET(ABM,CYF,CFP).

Khan, I., Morse, J. G., Urena, A. A., and Reagan, C. A. (1995). California Small Plot Citrus Thrips Trials, 1994. *Arthropod Manag.Tests* 20: 58-60 (8D).

EcoReference No.: 110867

Chemical of Concern: CYF,IMC,DMT; Habitat: T; Effect Codes: POP; Code: TARGET(CYF,IMC,DMT).

Kim, N. J., Chang, K. S., Lee, W. J., and Ahn, Y. J. (2007). Monitoring of Insecticide Resistance in Field-Collected Populations of *Culex pipiens pallens* (Diptera: Culicidae). *J.Asia-Pacific Entomol.* 10: 257-261.

EcoReference No.: 114151

Chemical of Concern: CYF,DCD,DM,DTATN,PMR,CPY; Habitat: T; Effect Codes: MOR; Code: TARGET(CYF,DM,DTATN,PMR).

Kim, Nam Jin, Chang, Kyu Sik, Lee, Won Ja, and Ahn, Young Joon (2007). Monitoring of Insecticide Resistance in Field-Collected Populations of *Culex pipiens pallens* (Diptera: Culicidae). *Journal of Asia-Pacific Entomology* 10: 257-261.

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

Kolarik, P., Byrne, A., Pett, W., Bishop, B., Grafius, E., Nelson, N., Osborn, M., Schilling, E., Julien, L., Ayotte, A., and Shunn, S. (1999). European Corn Borer, Fall Armyworm and Corn Earworm Control, 1998. *Arthropod Manag.Tests* 24: 126-127 (E31).

EcoReference No.: 88110

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

Krueger, C. A. and Radcliffe, E. B. (1986). Alfalfa Insect Control, Minnesota, 1985. *Insectic.Acaric.Tests* 11: 213-214 (275).

EcoReference No.: 87885

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

Lambkin, T. A. and Rice, S. J. (2006). Baseline Responses of *Alphitobius diaperinus* (Coleoptera: Tenebrionidae) to Cyfluthrin and Detection of Strong Resistance in Field Populations in Eastern Australia. *J Econ Entomol* 99: :908-13.

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

Lambkin, T. A. and Rice, S. J. (2007). Baseline Responses of *Alphitobius diaperinus* (Coleoptera: Tenebrionidae) to Spinosad, and Susceptibility of Broiler Populations in Eastern and Southern Australia. *J Econ Entomol* 100: :1423-7.

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

Laub, C. A., Kuhar, T. P., Dellinger, T. A., and Youngman, R. R. (1999). Efficacy of Foliar Insecticides Against Potato Leafhopper, 1998. *Arthropod Manag.Tests* 24: 197-198 (F5).

EcoReference No.: 88088

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

Lauzie(grave)re, I. and Elzen, G. (2007). Effect of Formulated Insecticides on Homalodisca Vitripennis (Germar) (Hemiptera: Cicadellidae) and Its Parasitoid Gonatocerus Ashmeadi Girault (Hymenoptera: Mymaridae). *Journal of Entomological Science* 42 : 11-19.

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

Layton, B. and Varner, D. (1994). Control of Bollworm/Budworm Complex in Mississippi Cotton, 1993. *Arthropod Manag.Tests* 19: 228-229.

EcoReference No.: 97215

Chemical of Concern: CYP,TLM,CYF,EFV,TDC,SPS,MOM; Habitat: T; Effect Codes: POP; Code:
TARGET(MOM,EFV,TLM,CYF).

Layton, B. and Varner, D. (1994). Evaluation of Recommended Insecticides for Control of Cotton Aphid in Mississippi Cotton, 1993. *Arthropod Manag.Tests* 19: 228 (71F).

EcoReference No.: 97216

Chemical of Concern: CPY,DCTP,CYF,DMT,MP,ES,BFT,MOM,OXD; Habitat: T; Effect Codes:
POP; Code: TARGET(DMT,MOM,OXD,CPY,DCTP,CYF,BFT,ES),NO MIXTURE(MP).

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

EcoReference No.: 90637

Chemical of Concern: TDC,SPS,LCYT,CYF,EFV,CYP; Habitat: T; Effect Codes: POP; Code:
TARGET(CYF,EFV,CYP,TDC).

Leonard, B. R., Graves, J. B., and Long, D. W. (1993). Control of Boll Weevil in Cotton with Selected Insecticides, 1991. *Insectic.Acaric.Tests* 18: 242-243 (72F).

EcoReference No.: 90650

Chemical of Concern: MLN,AZ,CYF,LCYT; Habitat: T; Effect Codes: POP; Code:
TARGET(MLN,AZ,CYF).

Leonard, B. R., Graves, J. B., and Long, D. W. (1991). Ovo-Larvidical Activity of Selected Insecticides, 1990. *Insectic.Acaric.Tests* 16: 188 (78F).

EcoReference No.: 92339

Chemical of Concern: LCYT,TDC,MOM,EFV,CYF,AZ; Habitat: T; Effect Codes: MOR; Code:
TARGET(TDC,EFV,CYF,AZ,MOM).

Linduska, J. J., Ross, M., Baumann, D., and Lemuiex, M. (1999). Foliar Sprays to Control Ear Invading Insects in Sweet Corn, 1998. *Arthropod Manag.Tests* 24: 127-128 (E32).

EcoReference No.: 88094

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

Linduska, J. J., Ross, M., Stevenson, S., and McShane, N. (1994). Foliar Sprays to Control Ear Invading Insects in Sweet Corn, 1993. *Arthropod Manag.Tests* 19: 91 (43E).

EcoReference No.: 97349

Chemical of Concern: CYP,CYF,BFT,LCYT,PMR; Habitat: T; Effect Codes: POP,GRO; Code:

OK(PMR),EFFICACY(BFT,CYF,CYP).

Longtine, C. A., Suranyi, R. A., Radcliffe, E. B., and Ragsdale, D. W. (1999). Control of Colorado Potato Beetle, 1998. *Arthropod Manag.Tests* 24: 156-158 (E70).

EcoReference No.: 88111

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

Martin, N. A., Workman, P. J., and Butler, R. C. (2005). Insecticide Bioassays for Western Flower Thrips (*Frankliniella Occidentalis*) (Thysanoptera: Thripidae) and Greenhouse Whitefly (*Trialeurodes Vaporariorum*) (Hemiptera: Aleyrodidae). *New Zealand Journal of Crop and Horticultural Science* 33 : 177-184.

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

Martin, T., Ochou, O. G., Vaissayre, M., and Fournier, D. (2003). Organophosphorus Insecticides Synergize Pyrethroids in the Resistant Strain of Cotton Bollworm, *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) from West Africa. *J.Econ.Entomol.* 96: 468-474.

EcoReference No.: 87287

Chemical of Concern: DM,CYF,CYP,ETN,PFF; Habitat: T; Effect Codes: MOR; Code: TARGET(PFF,DM,CYF).

Mayer, D. F., Lunden, J. D., and Rathbone, L. (1987). Evaluation of Insecticides for Thrips tabaci (Thysanoptera: Thripidae) and Effects of Thrips on Bulb Onions. *J.Econ.Entomol.* 80: 930-932.

EcoReference No.: 113372

Chemical of Concern: CYF,FVL,CPY,PMR,ADC,CYP,IFP,PRN; Habitat: T; Effect Codes: POP,GRO; Code: OK(FVL,CPY,CYP),TARGET(ADC,CYF,PMR).

McLeod, P. (1987). Insect Control in Zucchini, 1986. *Insectic.Acaric.Tests* 12: 159 (186).

EcoReference No.: 88718

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

McPherson, R. M., Hynson, T. P., and Weeks, S. D. (1986). Green Cloverworm Control with Foliar Insecticides, 1985. *Insectic.Acaric.Tests* 11: 346-347 (433).

EcoReference No.: 87876

Chemical of Concern: CBL,MOM,TDC,BFT,FNF,MP,PMR,CYF,FNV; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CBL,MP,MOM,BFT,TDC,CYF),NO MIXTURE(FNV).

McPherson, R. M., Weeks, S. D., and Hynson, T. P. (1986). Corn Earworm Control with Foliar Insecticides, 1985. *Insectic.Acaric.Tests* 11: 345-346 (432).

EcoReference No.: 87877

Chemical of Concern: FNV,CBL,MOM,CYF,BFT,FNF,MP,PMR,TDC; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CBL,MOM,CYF,BFT,MP,TDC),NO MIXTURE(FNV).

Michaud, J. P. and Grant, A. K. (2003). IPM-Compatibility of Foliar Insecticides for Citrus: Indices Derived from Toxicity to Beneficial Insects from Four Orders. *J.Insect Sci.* 3: 1-10.

EcoReference No.: 112449

Chemical of Concern: PSM,EFV,MDT,CBL,MOM,CBF,PMR,CYF,FPP,BFT,IDC; Habitat: T; Effect

- Codes: MOR,GRO; Code: OK(PMR),TARGET(BFT,FPP,CYF,CBF,MOM,CBL,MDT,EFV,PSM).
- Micinski, S., Fitzpatrick, B. J., and Graves, J. B. (1992). Control of the Bollworm-Tobacco Budworm Complex, 1991. *Insectic.Acaric.Tests* 17: 237-238 (79F).
- EcoReference No.: 82242
Chemical of Concern: AMZ,LCYT,BFT,CYF,CYH,CFP,CYP,PFF,EFV,ACP,TDC,SPS ; Habitat: T; Effect Codes: POP; Code: LITE EVAL
CODED(ACP),EFFICACY(BFT,CYF,CYP,PFF,CFP,AMZ,EFV,TDC).
- Mink, J. S., Wier, A. T., Boethel, D. J., and Leonard, B. R. (1991). Control of Soybean Looper on Soybean in North Louisiana Under Rainy Conditions, 1990. *Insectic.Acaric.Tests* 16: 222 (121F).
- EcoReference No.: 96289
Chemical of Concern: TFZ,MOM,CYF,TDC,PMR; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(TFZ,MOM,CYF,TDC).
- Morrill, W. L. and Wrona, A. (1986). Control of Lygus Bugs in Alfalfa in Montana, 1985. *Insectic.Acaric.Tests* 11: 215 (277).
- EcoReference No.: 88663
Chemical of Concern: LCYT,CBF,CBL,CYF,PMR; Habitat: T; Effect Codes: POP; Code: TARGET(LCYT,CBF,CBL,CYF,PMR).
- Morrow, E. A. and Grafius, E. J. (1986). Colorado Potato Beetle Control, 1985. *Insectic.Acaric.Tests* 11: 164-165 (224).
- EcoReference No.: 88759
Chemical of Concern: ADC,DS,PRT,CYF,PMR,PSM,PDM,CYT,FVL,EFV; Habitat: T; Effect Codes: POP; Code: OK(PMR),NO MIXTURE(PRT,PDM),TARGET(ADC,DS,CYF,PSM,CYT,FVL,EFV).
- Morse, J. G., Urena, A. A., and Reagan, C. A. (1993). California Citrus Thrips Pesticide Efficacy Trial 1992. *Insectic.Acaric.Tests* 18: 75-76 (8D).
- EcoReference No.: 116006
Chemical of Concern: BFT,CYF,CFP,IMC,ABM,AZ,DMT,FPP,FSTAL,ZnS,Naled; Habitat: T; Effect Codes: POP; Code: TARGET(BFT,CYF,CFP,IMC,AZ,FPP,FSTAL,Naled),NO MIXTURE(DMT,ABM,ZnS).
- Morse, J. G., Urena, A. A., and Reagan, C. A. (1993). Speed-Sprayer Trials for Citrus Thrips Control, 1992. *Insectic.Acaric.Tests* 18: 76-77 (9D).
- EcoReference No.: 117219
Chemical of Concern: ZnS,MnSO4,CYF; Habitat: T; Effect Codes: POP; Code: TARGET(CYF),NO MIXTURE(ZnS,MnSO4).
- Mulder, P. G. Jr. and Prescott, D. J. (1999). Aerial-Applied, Early Season Insect Control in Alfalfa, 1998. *Arthropod Manag.Tests* 24: 199-200 (F7).
- EcoReference No.: 88104
Chemical of Concern: LCYT,CYF,CBF; Habitat: T; Effect Codes: POP; Code: TARGET(LCYT,CYF,CBF).
- Mulder, P. G. Jr. and Prescott, D. J. (1999). Early Season Insect Control in Alfalfa, 1998. *Arthropod Manag.Tests* 24: 198-200 (F6).

EcoReference No.: 88102
 Chemical of Concern: LCYT,CBF,CYF,EFV; Habitat: T; Effect Codes: POP; Code: EFFICACY(LCYT,CBF,CYF,EFV).

Nadda, G., Saxena, P. N., and Srivastava, G. (2005). Effects of beta-Cyfluthrin on White and Sepia Mutants of *Drosophila melanogaster*. *J.Environ.Biol.* 26: 363-367.

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

Nault, B. A. and Speese III, J. (1999). Evaluation of Foliar Sprays to Control Insect Pests of Sweet Corn, 1998. *Arthropod Manag.Tests* 24: 129-130 (E36).

EcoReference No.: 88119
 Chemical of Concern: CYF,LCYT; Habitat: T; Effect Codes: POP; Code: TARGET(CYF).

Neil, K. A. and Specht, H. B. (1990). Field Releases of *Trichogramma pretiosum* Riley (Hymenoptera: Trichogrammatidae) for Suppression of Corn Earworm, *Heliothis zea* (Boddie) (Lepidoptera: Noctuidae), Egg Populations on Sweet Corn in Nova Scotia. *Can.Entomol.* 122: 1259-1266.

EcoReference No.: 90952
 Chemical of Concern: LCYT,CYF,TDC,DM,MOM; Habitat: T; Effect Codes: POP; Code: TARGET(MOM,DM,CYF).

Noetzel, D. and Miller, J. (1994). Control of Resistant Colorado Potato Beetle in Early Market Potato, Big Lake, MN, 1993. *Arthropod Manag.Tests* 19: 115-116 (75E).

EcoReference No.: 106273
 Chemical of Concern: AZ,CYT,EFV,CYF,CBF,IMC,MTM,ES,OML,PSM; Habitat: T; Effect Codes: POP; Code: EFFICACY(AZ,CYT,EFV,CYF,CBF,IMC,MTM,ES,OML,PSM).

Noetzel, D. M. (1986). Armyworm Control in Wheat, 1984. *Insectic.Acaric.Tests* 11: 367 (459).

EcoReference No.: 88672
 Chemical of Concern: MP,PMR,LCYT,FNV,CYP,CYF,CPY,CBL; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),TARGET(CBL,CYF),OK(MP,PMR,LCYT,FNV,CYP).

Noetzel, D. M. (1986). Control of Armyworm in Barley, 1984. *Insectic.Acaric.Tests* 11: 223 (289).

EcoReference No.: 88661
 Chemical of Concern: LCYT,PMR,CPY,CYF,CYP,CBL,FNF; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),TARGET(CBL,CYF),OK(LCYT,PMR,CYP,FNF).

Noetzel, D. M. (1986). Foliar Sprays for Larval Sunflower Beetle Control, 1984. *Insectic.Acaric.Tests* 11: 353 (442).

EcoReference No.: 88659
 Chemical of Concern: MDT,FVL,DBAC,TDC,TCF,DMT,MP,CPY,CBL,ES,PMR,FNV,CYF,CBF,LCYT,CYP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(ES,CBF,CPY),TARGET(MDT,TCF,CBF,TDC,FVL,CYF,CYP,DMT,CBL,MP,FNV),OK(PMR).

Noetzel, D. M. and Holder, B. (1996). Colorado Potato Beetle Control, Crookston, MN, 1995. *Arthropod Manag.Tests* 21: 147-148 (88E).

EcoReference No.: 97785
 Chemical of Concern: FPN,EFV,CYR,CYF; Habitat: T; Effect Codes: POP; Code: EFFICACY(CYF,FPN,MIXTURE-EFV,CYR).

Noetzel, D. M. and Miller, J. (1994). Control of Resistant Colorado Potato Beetle, Andover, MN, 1993. *Arthropod Manag. Tests* 19: 114-115 (74E).

EcoReference No.: 108197

Chemical of Concern: AZ,MTM,CBF,ES,MP,PSM,EFV,CYT,OML,LCYT,IMC,CYF,FPN; Habitat: T; Effect Codes: POP; Code: EFFICACY(MTM,CBF,PSM,EFV,OML,IMC,CYF,FPN),NO MIXTURE(MP),OK(AZ,ES).

Noetzel, D. M. and Miller, J. (1996). Control of Resistant Colorado Potato Beetle, Blaine, MN, 1995. *Arthropod Manag. Tests* 21: 149 (90E).

EcoReference No.: 97782

Chemical of Concern: SS,CYF,CYR,FPN; Habitat: T; Effect Codes: POP; Code: EFFICACY(FPN,CYF,MIXTURE-CYR).

Noetzel, D. M. and Person, H. (1986). Soil Systemic and Foliar Insect Control in Sunflower, 1984. *Insectic.Acaric.Tests* 11: 357 (447).

EcoReference No.: 88748

Chemical of Concern: CYF,PMR,ADC,TBO,CBF,FNV; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CBF),EFFICACY(TBO,PMR,ADC,FNV,CYF).

Noetzel, D. M., Ricard, M., and Bromenshenkel, E. (1988). Armyworm Control, 1987. *Insectic.Acaric.Tests* 13: 268-269 (119F).

EcoReference No.: 88854

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

Nuessly, G. S. and Hentz, M. G. (2004). Contact and Leaf Residue Activity of Insecticides Against the Sweet Corn Pest *Euxesta stigmatias* (Diptera: Otitidae). *J.Econ.Entomol.* 97: 496-502.

EcoReference No.: 105665

Chemical of Concern: EFV,CYF,CPY,MP,MOM,TDC; Habitat: T; Effect Codes: MOR; Code: TARGET(EFV,CYF,CPY,MP,MOM,TDC).

O'Rourke, P. K., Burkness, E. C., and Hutchison, W. D. (1999). Control of Corn Earworm and European Corn Borer on Sweet Corn, 1998. *Arthropod Manag. Tests* 24: 130-131 (E37).

EcoReference No.: 88097

Chemical of Concern: MFZ,CYF,MP,PMR,LCYT,BFT; Habitat: T; Effect Codes: POP; Code: OK(MFZ,PMR),TARGET(CYF,MP,LCYT,BFT).

Oliver, J. B., Reding, M. E., Youssef, N. N., 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: :381-90.

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

Orshan, L., Szekeley, D., Schnur, H., Wilamowski, A., Galer, Y., Bitton, S., and Schlein, Y. (2006). Attempts to Control Sand Flies by Insecticide-Sprayed Strips Along the Periphery of a Village. *J Vector Ecol* 31: :113-7.

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

Parr, J. C. and Pass, B. C. (1999). Alfalfa Weevil Control, 1998. *Arthropod Manag. Tests* 24: 201 (F9).

EcoReference No.: 88113

Chemical of Concern: CYF,CBF,LCYT,CYP; Habitat: T; Effect Codes: POP; Code: TARGET(CYF,CBF,LCYT,CYP).

Patton, T. W. and Dively, G. P. (1999). Control of Alfalfa Weevil, 1998. *Arthropod Manag. Tests* 24: 202 (F11).

EcoReference No.: 88130

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

Patton, T. W. and Dively, G. P. (1999). Control of Cereal Leaf Beetle in Wheat, 1998. *Arthropod Manag. Tests* 24: 323 (F144).

EcoReference No.: 88129

Chemical of Concern: LCYT,MLN,CYF,CBL; Habitat: T; Effect Codes: POP; Code: EFFICACY(LCYT,MLN,CYF,CBL).

Patton, T. W. and Dively, G. P. (1999). Potato Leafhopper Control in Alfalfa, 1998. *Arthropod Manag. Tests* 24: 201 (F10).

EcoReference No.: 88114

Chemical of Concern: LCYT,CYF,PMR,CBF; Habitat: T; Effect Codes: POP; Code: TARGET(LCYT,CYF,PMR,CBF).

Peairs, F. B. and Pilcher, S. D. (1986). Second Generation European Corn Borer, Handplots, Wray, CO, 1985. *Insectic. Acaric. Tests* 11: 242-243 (316).

EcoReference No.: 88670

Chemical of Concern: LCYT,FNV,CYF,CBF,FNF,CYP,PMR,TBO,BFT,CBL,DS; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(FNV,CYF,CBF,CBL,FNF,CYP,TBO,BFT),NO MIXTURE(DS).

Peck, D. C., Olmstead, D., and Morales, A. (2008). Application Timing and Efficacy of Alternatives for the Insecticidal Control of *Tipula Paludosa* Meigen (Diptera: Tipulidae), a New Invasive Pest of Turf in the Northeastern United States. *Pest Manag Sci* 64: :989-1000.

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

Perera, M. D. B., Hemingway, J., and Karunaratne, S. H. P. P. (2008). Multiple Insecticide Resistance Mechanisms Involving Metabolic Changes and Insensitive Target Sites Selected in Anopheline Vectors of Malaria in Sri Lanka. *Malaria J.* 7: 1-10.

EcoReference No.: 117653

Chemical of Concern: DDT,MLN,FNT,PPX,CYF,CYP,DM,EFX,LCYT,PMR; Habitat: T; Effect Codes: MOR,BCM; Code: NO ENDPOINT(DDT),TARGET(MLN,FNT,PPX,CYF,CYP,DM,EFX,LCYT,PMR).

Pospischil, R., Szomm, K., Londershausen, M., Schroder, I., Turberg, A., and Fuchs, R. (1996). Multiple Resistance in the Larger House Fly *Musca domestica* in Germany. *Pestic. Sci.* 48: 333-341.

EcoReference No.: 93122

Chemical of Concern: PYX,UREA,CYF,TCF,CMPH,PPX,CYR; Habitat: T; Effect Codes: MOR,CEL,BCM; Code: NO COC(TBF),TARGET(CYF,CYR,CMPH,TCF,PPX).

Prabhaker, N., Castle, S., Byrne, F., Henneberry, T. J., and Toscano, N. C. (2006). Establishment of Baseline Susceptibility Data to Various Insecticides for Homalodisca coagulata (Homoptera: Cicadellidae) by Comparative Bioassay Techniques. *J.Econ.Entomol.* 99: 141-154.

EcoReference No.: 99694

Chemical of Concern: TMX,IMC,ACT,ES,FPP,EFV,CYF,BFT,DMT,CPY; Habitat: T; Effect Codes: MOR; Code: TARGET(FPP,EFV,CYF,BFT,ES,CPY,IMC,DMT).

Prabhaker, N., Castle, S., Byrne, F., Henneberry, T. J., and Toscano, N. C. (2006). Establishment of Baseline Susceptibility Data to Various Insecticides for Homalodisca Coagulata (Homoptera: Cicadellidae) by Comparative Bioassay Techniques. *Journal of Economic Entomology [J. Econ. Entomol.]*. Vol. 99, no. 1, pp. 141-154. Feb 2006.

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

Prabhaker, N., Castle, S. J., and Toscano, N. C. (2006). Susceptibility of Immature Stages of Homalodisca coagulata (Hemiptera: Cicadellidae) to Selected Insecticides. *J.Econ.Entomol.* 99: 1805-1812.

EcoReference No.: 88144

Chemical of Concern: IMC,CPY,DMT,ES,BFT,CYF,EFV,FPP,ACT,TMX; Habitat: T; Effect Codes: MOR; Code: TARGET(IMC,CPY,DMT,ES,BFT,CYF,EFV,FPP).

Prabhaker, N., Castle, S. J., and Toscano, N. C. (2006). Susceptibility of Immature Stages of Homalodisca Coagulata (Hemiptera: Cicadellidae) to Selected Insecticides. *J Econ Entomol* 99: :1805-12.

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

Prabhaker, N., Morse, J. G., Castle, S. J., Naranjo, S. E., Henneberry, T. J., and Toscano, N. C. (2007). Toxicity of Seven Foliar Insecticides to Four Insect Parasitoids Attacking Citrus and Cotton Pests. *J Econ Entomol* 100: :1053-61.

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

Pree, D. J. and Hagley, E. A. C. (1985). Toxicity of Pesticides to Chrysopa oculata Say (Neuroptera: Chrysopidae). *J.Econ.Entomol.* 78: 129-132.

EcoReference No.: 112677

Chemical of Concern:

OTQ,CHX,DDT,FYT,PHSL,EPRN,CAP,BMY,Captan,PPG,DCF,ES,PIM,CBL,FNV,CYP,FPP,CYF,PMR,DMT,DZ,MDT,AZ,MOM,PSM,DM; Habitat: T; Effect Codes: MOR; Code: OK(DCF,PPG,Captan,BMY,CAP),TARGET(DM,PSM,MOM,AZ,MDT,DZ,DMT,PMR,CYF,CYP,FNV,CBL,PIM,ES,FPP).

Pree, D. J., Marshall, D. B., and Archibald, D. E. (1986). Resistance to Pyrethroid Insecticides in the Spotted Tentiform Leafminer, Phyllonorycter blancardella (Lepidoptera: Gracillariidae), in Southern Ontario. *J.Econ.Entomol.* 79: 318-322 .

EcoReference No.: 113405

Chemical of Concern: DDT,MGK,AZ,OML,FVL,CYF,DM,CYP,FNV,PMR,PPB,TBF; Habitat: T; Effect Codes: MOR,REP,POP; Code: OK(PMR),TARGET(TBF,FNV,CYP,DM,CYF,FVL,OML,AZ),NO MIXTURE(PPB).

Price, P., Emfinger, K. D., and Leonard, B. R. (2006). Evaluation of Insecticides Against Cotton Aphid, 2005. *Arthropod Manag.Tests* 31: F25.

EcoReference No.: 101702

Chemical of Concern: CYF,DCTP,FN,TMX,IMC; Habitat: T; Effect Codes: POP; Code: OK(FN,TMX),TARGET(IMC,DCTP,CYF).

Robert, L. L. and Perich, M. J. (1995). Phlebotomine Sand Fly (Diptera: Psychodidae) Control Using a Residual Pyrethroid Insecticide. *J.Am.Mosq.Control Assoc.* 11: 195-199.

EcoReference No.: 63478

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

Roditakis, N. E. (1990). Effectiveness of Buprofezin, Flufenoxuron, Ethofenprox and Mixtures of Quinomethionate with Pyrethroids on Greenhouse Whitefly *Trialeurodes vaporariorum* (Homoptera: Aleyrodidae). In: *J.E.Casida (Ed.), Proc.of an Int.Conf., Pesticides and Alternatives: Innovative Chemical and Biological Approaches to Pest Control, Orthodox Acad.of Crete Kolymbari, Sept.4-8, 1989, Crete, Greece, Elsevier Sci.Publ., Amsterdam 235-247.*

EcoReference No.: 72138

Chemical of Concern: EFX,CYF,BPZ,DM; Habitat: T; Effect Codes: POP; Code: TARGET(DM,CYF).

Rodriguez, L. M., Woolwine, A. E., Ostheimer, E. A., Reagan, T. E., and White, W. H. (1995). Small Plot Insecticide Trial Against SCB, 1994. *Arthropod Manag.Tests* 20: 256 (133F).

EcoReference No.: 95803

Chemical of Concern: CYF,LCYT,EFV,AZ; Habitat: T; Effect Codes: POP; Code: NO COC(TFZ),TARGET(EFV,CYF,AZ).

Royer, T. A., Edelson, J. V., and Cartwright, B. (1986). Onion Thrips Control, 1985. *Insectic.Acaric.Tests* 11: 149-150 (206).

EcoReference No.: 88799

Chemical of Concern:

BFT,DZ,MLN,AZ,MP,MOM,CPY,PMR,ACP,CYF,CYP,MVP,OML,CBL,FVL; Habitat: T; Effect Codes: POP; Code: TARGET(DZ,MOM,MLN,MP,CPY,PMR,ACP,CYF,MVP,OML,CBL,FVL,BFT,AZ,CYP).

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

EcoReference No.: 88726

Chemical of Concern:

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

Rust, M. K. and Reiersen, D. A. (1989). Activity of Insecticides Against the Preemerged Adult Cat Flea in the Cocoon (Siphonaptera: Pulicidae). *J.Med.Entomol.* 26: 301-305.

EcoReference No.: 117753

Chemical of Concern:

PYN,KER,LIN,ATN,LIM,TLM,RSM,PPX,PTP,PMR,MLN,TMT,BFT,CBL,DZ,CPY,CYF,CYP,DDVP,FNV; Habitat: T; Effect Codes: MOR,GRO; Code: TARGET(TLM,LIM,RSM,PPX,PTP,DZ,PMR,MLN,BFT,CBL,CPY,CYF,CYP,DDVP,FNV),NO MIXTURE(ATN,TMT).

Saleem, M. A., Ahmad, M., Ahmad, M., Aslam, M., and Sayyed, A. H. (2008). Resistance to Selected Organochlorin, Organophosphate, Carbamate and Pyrethroid, in *Spodoptera litura* (Lepidoptera: Noctuidae) from Pakistan.

J.Econ.Entomol. 101: 1667-1675.

EcoReference No.: 108325

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

Saleem, M. A., Ahmad, M., Ahmad, M., Aslam, M., and Sayyed, A. H. (2008). Resistance to Selected Organochlorin, Organophosphate, Carbamate and Pyrethroid, in *Spodoptera Litura* (Lepidoptera: Noctuidae) From Pakistan. *J Econ Entomol* 101: :1667-75.

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

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:

DM,FPP,CYP,CYF,LCYT,FVT,DFZ,BPZ,CYR,CTZ,FYC,HTX,AMZ,MAL,MVP,DMT,MTM,ACP,AZ,FNT,CPY,DZ,PPHD,PSM,MCB,PIM,CBL,OML; Habitat: T; Effect Codes: REP,MOR; Code: LITE EVAL CODED(CPY),TARGET(PSM,CYP,CYF,CYR,HTX,DMT,MTM,ACP,AZ,DZ,CBL,FNT,OML,DM,AMZ,MCB,FPP).

Saunders, M. C. and Flanagan, P. W. (1987). Control of Leafhoppers in Grapes, 1985. *Insectic.Acaric.Tests* 12: 79 (076).

EcoReference No.: 88735

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

Saunders, M. C. and Flanagan, P. W. (1987). Control of Leafhoppers in Grapes, 1986. *Insectic.Acaric.Tests* 12: 80 (077).

EcoReference No.: 88732

Chemical of Concern: CBL,MP,CYF,BFT; Habitat: T; Effect Codes: POP; Code: TARGET(CBL,MP,CYF,BFT).

Scott, J. G. and Georgiou, G. P. (1986). Mechanisms Responsible for High Levels of Permethrin Resistance in the House Fly. *Pestic.Sci.* 17: 195-206.

EcoReference No.: 93115

Chemical of Concern:

PPB,TBF,Naled,MOM,DMT,FVL,ATN,PMR,SMT,CYF,BRSM,BFT,FNV,CYH,DM,FYT,AND,DDT,DDVP,AV; Habitat: T; Effect Codes: MOR,ACC,BCM; Code: NO MIXTURE(TBF,PPB),TARGET(FNV,CYF,SMT,PMR,DMT,MOM,Naled,FVL,BRSM,ATN,DM,DDVP,BFT).

Seal, D. R., Ciomperlik, M., Richards, M. L., and Klassen, W. (2006). Comparative Effectiveness of Chemical Insecticides Against the Chilli Thrips, *Scirtothrips dorsalis* Hood (Thysanoptera: Thripidae), on Pepper and Their Compatibility With Natural Enemies. *Crop Protection* 25 : 949-955.

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

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

EcoReference No.: 88257

- Chemical of Concern: PMR,CBF,LCYT,FPP,EFV,CPY,CYF; Habitat: T; Effect Codes: GRO,POP; Code: OK(PMR,CPY),CROP(CBF),EFFICACY(FPP,CYF,EFV).
- Shamiyeh, N. B., Elkassabany, N., and Mullins, C. A. (1987). Control of Cabbage Loopers and Flea Beetles on Fall Broccoli, 1986. *Insectic.Acaric.Tests* 12: 98-99 (103).
- EcoReference No.: 88729
Chemical of Concern: FNV,MOM,CBL,PMR,EFV,CYF; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MOM),OK(PMR),EFFICACY(CBL,FNV,EFV,CYF).
- Shamiyeh, N. B. and Mullins, C. A. (1988). Control of Insect Pests on Fall Broccoli, 1987. *Insectic.Acaric.Tests* 13: 93 (7E).
- EcoReference No.: 88841
Chemical of Concern: PMR,CYF,EFV,MOM,CBL; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(MOM),OK(PMR),EFFICACY(CYF,EFV,CBL).
- Shamiyeh, N. B. and Mullins, C. A. (1988). Insect Control in Early Snap Beans, 1987. *Insectic.Acaric.Tests* 13: 88 (4E).
- EcoReference No.: 88839
Chemical of Concern: CYF,EFV,ACP,FPP,MOM,CBL,LCYT; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED(MOM),EFFICACY(FPP,ACP,EFV,CYF,CBL).
- Shelton, A. M. and Wilsey, W. T. (1998). Control of Corn Lepidoptera with Foliar Applications, 1997. *Arthropod Manag.Tests* 23: 100-101 (39E).
- EcoReference No.: 89648
Chemical of Concern: TDC,CYF,LCYT; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED(TDC),EFFICACY(CYF,LCYT).
- Shelton, A. M. and Wilsey, W. T. (1999). Control of Corn Lepidoptera with Foliar Applications, 1998. *Arthropod Manag.Tests* 24: 130-131 (E38).
- EcoReference No.: 88140
Chemical of Concern: CYF,TDC,LCYT,TUZ; Habitat: T; Effect Codes: PHY; Code: LITE EVAL CODED(TDC),EFFICACY(CYF,TUZ),OK(LCYT).
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- EcoReference No.: 91337
Chemical of Concern: CYF,TDC,PMR; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CYF,TDC).
- Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Alfalfa Weevil Control in Alfalfa, 1990. *Insectic.Acaric.Tests* 16: 138 (22F).
- EcoReference No.: 90677
Chemical of Concern: PMR,EFV,CYF,CPY,MP,CBF,MOM; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),TARGET(MOM,MP,EFV,CBF,CYF),NO COC(MLN),OK(PMR).
- Shields, E. J., Sher, R. B., and Taylor, P. S. (1991). Insecticide Efficacy in Alfalfa, 1989. *Insectic.Acaric.Tests* 16: 138-139 (23F).
- EcoReference No.: 90653

- Chemical of Concern: CYF,MXC,PMR,EFV,DMT,CBF,PSM,CPY,MLN,MP; Habitat: T; Effect Codes: POP; Code: TARGET(CYF,MXC,PMR,EFV,DMT,CBF,PSM,CPY,MLN,MP).
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- EcoReference No.: 96220
Chemical of Concern: CYF; Habitat: T; Effect Codes: GRO,POP,REP; Code: EFFICACY(CYF).
- Smilowitz, Z., Cox, D. L., Rebarchak, P., and Yocum, J. (1991). Control of Colorado Potato Beetle on Potato, 1987. *Insectic.Acaric.Tests* 16: 100-102 (64E).
- EcoReference No.: 108974
Chemical of Concern: CTN,MZB,MTPN,CYF,ADC,CPY,EFV,HFR; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CPY),TARGET(CYF,HFR,EFV,ADC),NO MIXTURE(MTPN,MZB,CTN).
- Smith, T. P. and Hammond, A. M. (2006). Comparative Susceptibility of Sweetpotato Weevil (Coleoptera: Brentidae) to Selected Insecticides. *J.Econ.Entomol.* 99: 2024-2029.
- EcoReference No.: 88219
Chemical of Concern: MP,BFT,CYF,CBL,PSM; Habitat: T; Effect Codes: MOR; Code: TARGET(MP,BFT,CYF,CBL,PSM).
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- EcoReference No.: 87962
Chemical of Concern: ACP,DCTP,MLN,MP,LCYT,CYP,BFT,CYF,PMR; Habitat: T; Effect Codes: MOR; Code: TARGET(MLN,ACP,DCTP,MP,CYP,BFT,CYF,PYR).
- Spangler, S. M., Grove, T., Rebarchak, P., and Calvin, D. (1997). Control of Ear-Infesting Insects on Sweet Corn, 1996. *Arthropod Manag.Tests* 22: 125-126 (47E).
- EcoReference No.: 91338
Chemical of Concern: CYP,LCYT,PMR,BFT,TDC,CYF; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(BFT,TDC,CYF,CYP).
- Speese III, J. (1993). Foliar Sprays for Bollworm Control in Cotton, 1992. *Insectic.Acaric.Tests* 18: 254 (85F).
- EcoReference No.: 92336
Chemical of Concern: TDC,LCYT,PMR,CYP,CYF,EFV,BFT; Habitat: T; Effect Codes: POP,GRO; Code: OK(PMR),TARGET(TDC,CYP,CYF,BFT,EFV).

Spomer, S. M., Higley, L. G., Haile, F. J., and Hoback, W. W. (1997). Alfalfa Insect Control, 1996. *Arthropod Manag. Tests* 22: 200-201 (8F).

EcoReference No.: 99848

Chemical of Concern: PMR,CBF,CYF,CPY; Habitat: T; Effect Codes: POP,REP; Code: EFFICACY(CYF),OK(CBF,PMR,CPY).

Spomer, S. M., Higley, L. G., Haile, F. J., and Hoback, W. W. (1998). Alfalfa Insect Control, 1997. *Arthropod Manag. Tests* 23: 175-178 (8F).

EcoReference No.: 99849

Chemical of Concern: CYF,LCYT,CBF; Habitat: T; Effect Codes: POP; Code: EFFICACY(CYF),TARGET,CROP(CBF).

Stansly, P. A. and Conner, J. M. (1997). Control of Southern Armyworm Spodoptera eridania in Staked Tomato, 1995. *Arthropod Manag. Tests* 22: 186-187 (114E).

EcoReference No.: 92092

Chemical of Concern: TDC,CYF,MOM; Habitat: T; Effect Codes: POP; Code: TARGET(MOM,TDC,CYF),NO COC(MZB).

Straub, R. W. (1999). Insect Control on Late-Season Sweet Corn with Foliar Sprays of Conventional and Reduced-Risk Insecticides, 1998. *Arthropod Manag. Tests* 24: 133-134 (E41).

EcoReference No.: 88272

Chemical of Concern: LCYT,PMR,BFT,CYF,EMMB,TUZ,NMX; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(BFT,CYF,TUZ,NMX).

Straub, R. W. (1999). Onion: Control of Onion Thrips with Insecticides, 1998. *Arthropod Manag. Tests* 24: 143-144 (E55).

EcoReference No.: 88280

Chemical of Concern: CYF,LCYT,FPN,CYR; Habitat: T; Effect Codes: POP; Code: TARGET(CYF).

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: TFZ,PMR,LCYT,CYF,EFV,MP; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CYF,EFV,MP,LCYT,TFZ).

Tilley, D. R., Langemeier, M. R., Casada, M. E., and Arthur, F. H. (2007). Cost and Risk Analysis of Heat and Chemical Treatments. *J Econ Entomol* 100: :604-12.

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

Tillman, P. G. (2006). Susceptibility of Pest Nezara viridula (Heteroptera: Pentatomidae) and Parasitoid Trichopoda pennipes (Diptera: Tachinidae) to Selected Insecticides. *J.Econ.Entomol.* 99: 648-657.

EcoReference No.: 106391

Chemical of Concern: ACT,CYF,DCTP,IDC,OML,TMX; Habitat: T; Effect Codes: BEH,MOR; Code: TARGET(DCTP,OML,CYF).

Tillman, P. G. (2006). Susceptibility of Pest Nezara Viridula (Heteroptera: Pentatomidae) and Parasitoid Trichopoda Pennipes (Diptera: Tachinidae) to Selected Insecticides. *J Econ Entomol* 99: :648-57.

- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
- Tillman, P. G. and Mullinix, B. G. Jr. (2004). Comparison of Susceptibility of Pest *Euschistus servus* and Predator *Podisus maculiventris* (Heteroptera: Pentatomidae) to Selected Insecticides. *J.Econ.Entomol.* 97: 800-806.
- EcoReference No.: 87979
Chemical of Concern: OML,IDC,DCTP,CYF,TMX; Habitat: T; Effect Codes: MOR,BEH; Code: TARGET(DCTP,OML,CYF).
- Tindall, K. V., Emfinger, K., Leonard, B. R., and Temple, J. (2005). Evaluation of Insecticide Efficacy Against Late-Season Hemipteran Pests on Cotton, 2004. *Arthropod Manag.Tests* 30: F52.
- EcoReference No.: 101703
Chemical of Concern: CYF,IMC,DCTP,FPN; Habitat: T; Effect Codes: POP; Code: OK(FPN),TARGET(DCTP,IMC,CYF).
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- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
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Chemical of Concern: CYF,CPY,BFT,PMR; Habitat: T; Effect Codes: MOR; Code: OK(PMR,CPY),TARGET(CYF,BFT).
- Tomberlin, J. K., Richman, D., and Myers, H. M. (2008). Susceptibility of *Alphitobius Diaperinus* (Coleoptera: Tenebrionidae) From Broiler Facilities in Texas to Four Insecticides. *J Econ Entomol* 101: :480-3.
- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
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- EcoReference No.: 105720
Chemical of Concern: CYP,BFT,CYF,DM,PMR,FNV; Habitat: T; Effect Codes: MOR; Code: OK(PMR),TARGET(CYP,BFT,CYF,DM,FNV).
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- EcoReference No.: 104594
Chemical of Concern: FNT,TCF,CYF,CYP,FNV,DM,ES; Habitat: T; Effect Codes: POP; Code: EFFICACY(CYF,TCF,FNT),NO MIXTURE(CYP,FNV,DM,ES).
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- EcoReference No.: 99809
Chemical of Concern: PPX,DM,DLD,DDT,MLN,PMR,LCYT,CYF; Habitat: T; Effect Codes:

- MOR; Code: TARGET(MLN,PMR,CYF,DM,PPX).
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- Chemical of Concern: CYF; Habitat: T; Code: TARGET(CYF).
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- EcoReference No.: 88714
Chemical of Concern: EFV,FNV,BFT,MP,FVL,PMR,CYF,CBF,CBL,LCYT; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CBL,EFV,BFT,MP,FVL,CYF,FNV,CBF,LCYT).
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- EcoReference No.: 88800
Chemical of Concern: PMR,CYF,BFT,CBF,AZ,LCYT,MTM,MP,CBL,FNV,PIM,OXD; Habitat: T; Effect Codes: POP; Code: OK(PMR),TARGET(CBL,MTM,CYF,AZ,MP,FNV,PIM,BFT,CBF,OXD).
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- EcoReference No.: 88801
Chemical of Concern: PMR,CYF,BFT,CBF,LCYT,MTM,MP,CBL,OXD,FNV; Habitat: T; Effect Codes: POP; Code: TARGET(MTM,CBL,CYF,BFT,CBF,MP,OXD,FNV,PMR).
- Weaver, J. E. and McCutcheon, T. W. (1988). Green June Beetle Control, West Virginia, 1987. *Insectic.Acaric.Tests* 13: 270-271 (121F).
- EcoReference No.: 88816
Chemical of Concern: CBL,CYH,TCF,CYF,DZ,ACP; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED(CBL,DZ),TARGET(TCF,CYF,ACP).
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- EcoReference No.: 87893
Chemical of Concern: CYF,CYT,CBL,TDC; Habitat: T; Effect Codes: PHY,POP; Code: OK(CYT), TARGET(CBL,TDC,CYF).
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- EcoReference No.: 88734
Chemical of Concern: CBL,TDC,CYF; Habitat: T; Effect Codes: MOR,POP; Code: TARGET(CBL,TDC,CYF).
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- EcoReference No.: 87892
Chemical of Concern: CYF,CBL,BFT,ES; Habitat: T; Effect Codes: POP; Code: TARGET(CBL,CYF,BFT,ES).

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- EcoReference No.: 87891
Chemical of Concern: ES,CBL,CPY,CYF; Habitat: T; Effect Codes: POP; Code: OK(ES,CPY),TARGET(CBL,CYF).
- Williams, R. N., Fickle, D. S., and Pavuk, D. M. (1986). Bioassay Evaluation of Japanese Beetle Adulticides on Grapes, 1985. *Insectic.Acaric.Tests* 11: 87-88 (111).
- EcoReference No.: 87898
Chemical of Concern: CBL,FPP,CYF,ES; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED(ES),TARGET(CBL,CYF,FPP).
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Chemical of Concern: ACP,FNV,CYF; Habitat: T; Effect Codes: POP; Code: TARGET(ACP,FNV,CYF).
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- EcoReference No.: 92637
Chemical of Concern: AZ,MLN,LCYT,BFT,CYF,ES,ZCYP,MDT,FPP,MP,ABM,PPB; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED(ES,MLN),TARGET(AZ,CYF,ZCYP,BFT,PPB,MP,MDT,FPP,LCYT,ABM),NO COC(TBF).
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