DISULFOTON
Appendix H. ECOTOX Bibliography

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

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

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

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

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

Acceptable for ECOTOX and OPP

1. Abdellatif, M. A. and Reynolds, H. T. (1967). Toxic Effects of Granulated Disulfoton on Soil Arthropods. *J.Econ.Entomol.* 60: 281-283.

   EcoReference No.: 63523
   Chemical of Concern: DS; Habitat: T; Rejection Code: TARGET(DS).

2. Abdul Kareem, A., Jayaraj, S., Thangavel, P., and Parameswaran, S. (1977). Occurrence of the Tobacco Root Bug Stibaropus tabulatus Schio (Cynidae: Hemiptera) on Cotton and Its Control. *Pesticides* 11: 50-51.

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

3. Abdul Wajid, S. M. and Elias, N. A. (1978). Effect of Nematicides on the Control of Root-Knot Nematode (Meloidogyne incognita) in Tobacco Nurseries. *Tob.Res.* 4: 7-9.

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

4. Abo-Elghar, M. R., Radwan, H. S. A., and El-Keie, I. A. (1977). Field Application of Soil Granular Insecticides for the Control of the Cotton Leafworm in Egypt. *Acta Agron.Acad.Sci.Hung.* 26: 144-151.

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

5. Abraham, E. V., Natarajan, K., and Jayaraj, S. (1977). Investigations on the Insecticidal Control of the Phyllody Disease of Sesamum. *Madras Agric.J.* 64: 379-383.

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

6. Abraham, V. A., Sathiamma, B., Abraham, K. J., and Kurian, Chandy (1976). Control of Arecanut Spindle Bud (Carvalhoia arecae Miller and China) Using Granular Insecticides. *J.Plantation Crops* 4: 24-25.

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

7. Adlerz, W. C. (1969). Insecticidal Control of Leaf Miner on Watermelon in South Florida. *In: Proc.Fla.State Hortic.Soc.* 81: 176-180.

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

8. Ahuja, S. (1982). Chemical Control of Root-Knot Nematode in Nursery Beds of Tomato and Eggplant and Its Effect on Yield in the Field. *Trop.Pest Manag.* 28: 313-315.

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

9. Akram, M. and Yunus, M. (1973). Chemical Control of Leafhoppers Attacking Maize. *J.Agric.Res.(Lahore)* 10: 239-245.

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

10. Al-Aazwi, A. F. (1966). Seed Treatment with Phorate, Disulfoton, and Other Insecticides to Control Pea Insects in Iraq. *J.Econ.Entomol.* 59: 859-64.

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

11. Alagianagalingam, M. N., Mohan, R., Bhaskaran, R., and Govindaswamy, C. V. (1979). Effect of Granular Insecticides on Chilli Mosaic Disease. *Food Farm.Agric.* 10: 309-310.

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

12. Alam, M. M. (1990). Control of Plant-Parasitic Nematodes with Organic Amendments and Nematocides in Nurseries of Annual Plants. *J.Bangladesh Acad.Sci.* 14: 107-113.

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

13. Alleyne, E. H. and Morrison, F. O. (1977). The Effects of Insecticides on the Lettuce Root Aphid, Pemphigus bursarius (L.). *Ann.Soc.Entomol.Quebec* 22: 36-39.

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

14. Alyokhin, A., Dively, G., Patterson, M., Mahoney, M., Rogers, D., and Wollam, J. (2006). Susceptibility of Imidacloprid-Resistant Colorado Potato Beetles to Non-neonicotinoid Insecticides in the Laboratory and Field Trials. *Am.J.Potato Res.* 83: 485-494.

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

15. Anderson, T. D. and Zhu, K. Y. (2004). Synergistic and Antagonistic Effects of Atrazine on the Toxicity of Organophosphorodithioate and Organophosphorothioate Insecticides to Chironomus tentans (Diptera: Chironomidae). *Pestic.Biochem.Physiol.* 80: 54-64.

    EcoReference No.: 74947
    Chemical of Concern: DMT,DS,DEM,ATZ,PPB,OMT; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(ATZ,PPB,DMT,OMT,DS).

16. Anonymous (2006). Insecticidal Combinations Containing Alkoxylated Amines. *Res.Disclosure* 501: 18-19.

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

17. Appleby, J. E. (1967). Control of the Iris Borer with Systemic Insecticides. *J.Econ.Entomol.* 60: 1610-1612.

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

18. 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; Rejection Code: LITE EVAL CODED(DS),OK(ACP,CBF).

19. Araya, J. E., Foster, J. E., and Roberts, J. J. (1988). Effect of Seed Treatments with Systemic Insecticides on Germination of Selected Wheat and Oat Cultivars. *Turrialba* 38: 246-249.

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

20. Archer, T. L. and Bynum, E. D. (1978). Pesticide Resistance by Arthropod Pests on Feed Grains. *Southwest.Entomol.* 3 : 251-259.

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

21. Arle, H. F. (1968). Trifluralin-Systemic Insecticide Interactions on Seedling Cotton. *Weed Sci.* 16: 430-432.

EcoReference No.: 96629
Chemical of Concern: PRT,TFN,DS; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(DS,PRT).

22. Armstrong, J. S., Peairs, F. B., Pilcher, S. D., and Russell, C. C. (1993). The Effect of Planting Time Insecticides and Liquid Fertilizer on the Russian Wheat Aphid (Homoptera: Aphididae) and the Lesion Nematode (Pratylenchus thornei) on Winter Wheat. *J.Kans.Entomol.Soc.* 66: 69-74.

    Chemical of Concern: CBF,DS; Habitat: T; Rejection Code: TARGET (CBF,DS).

23. Arnold, H. and Braunbeck, T. (1994). Disulfoton as a Major Toxicant in the Rhine Chemical Spill at Basle in 1986: Acute and Chronic Studies with Eel and Rainbow Trout. *In: R.Muller and R.Lloyd (Eds.), Sublethal and Chronic Effects of Pollutants on Freshwater Fish, Chapter 7, Fishing News Books, London* 75-87.

    EcoReference No.: 18516
    Chemical of Concern: DS; Habitat: A; Effect Codes: MOR,CEL,BCM; Rejection Code: LITE EVAL CODED(DS).

Study provided more sensitive endpoint than was used in the CRLF risk assessment.

Study reported an LC50 of 37 ug/L, which is equivalent to the lowest fish LC50 of 39 ug/L (bluegill) that was used in the risk assessment. The study used flow-through conditions. Basic water chemistry parameters were reported. Negative controls were used. However, the LC50 was reported without any other dose-response information. It was not reported if any control eels died. Use of 37 ug/L in place of the LC50 of 39 ug/L would have no impact on the conclusions of the study.

24. Arnold, H., Pluta, H. J., and Braunbeck, T. (1996). Sublethal Effects of Prolonged Exposure to Disulfoton in Rainbow Trout (Oncorhynchus mykiss): Cytological Alterations in the Liver by a Potent . *Ecotoxicol.Environ.Saf.* 34: 43-55.

    EcoReference No.: 17425
    Chemical of Concern: DS; Habitat: A; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(DS).

Study provided more sensitive endpoint than was used in the CRLF risk assessment.

Study endpoints included cytologic effects on the liver. The magnitude of the effect observed in the study has not been shown to affect the assessment endpoints of survival, growth, or reproduction.

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

    EcoReference No.: 70351
    Chemical of Concern:
    AND,DZ,Naled,MVP,MLN,BMY,DS,CYT,DMT,FNV,PPG,PMR,OXD,FTT,MOM,EN,ES,CPY,ACP,MP,CBL,Captan; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(DS,Naled,MLN,DMT,MP,FNV,CPY),OK(DZ,PMR,OXD,MOM,ACP,CBL,Captan).

26. Attri, B. S. and Sharma, P. L. (1971). Granular Systemic Insecticides for the Control of the Woolly Aphid, Eriosoma lanigerum, on Apple (Malus pumila) [Trees]. *Indian J.Agric.Sci.* 41: 627-631.

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

27. Awate, B. G., Naik, L. M., and Pokharkar, R. N. (1978). Efficacies of Lower Doses of Systemic Granular Insecticides for the Control of Aphids (Myzus persicae Sulzer), Jassids (Amrasca bigutalla bigutalla Ishida) and Thrips (Hercothrips indicus Bank) Infesting Potato in Maharashtra. *J.Maharashtra Agric.Univ.* 3: 49-50.

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

28. Awate, B. G. and Pokharkar, R. N. (1977). Chemical Control of Potato Pest Complex. *Pesticides* 11: 40-42.

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

29. Awate, B. G. and Pokharkar, R. N. (1978). Studies on the Residual Toxicity of Systemic Insecticides Applied as Granules in Soil and Seed Treatments Against Aphids (Myzus persicae Sulzer) and Jassids (Amrasca biguttula biguttula Ishida) on Potatoes. *J.Maharashtra Agric.Univ.* 3: 149-150.

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

30. Bacheler, J. S., Montt, D. W., Edmisten, K., and Straughn, E. (1996). Effect of Selected Insecticides for Thrips Control on Cotton in North Carolina, 1995. *Arthropod Manag.Tests* 21: 240-241.

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

31. Bacheler, J. S., Mott, D. W., Edmisten, K., and Straughn, E. (1997). Effect of Selected Insecticides for Thrips Control on Cotton, 1996. *Arthropod Manag.Tests* 22: 240.

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

32. Bakhetia, D. R. C. (1984). Chemical Control of Lipaphis erysimi (Kaltenbach) on Rapeseed and Mustard Crops in Punjab. *J.Res.* 21: 63-75.

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

33. Bakthavathsalam, R. (1987). Protein Metabolism During Disyston Exposure in Anabas testudineus (Bloch). *Pollut.Res.* 6: 1-4.

    EcoReference No.: 95405
    Chemical of Concern: DS; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(DS).

34. Bakthavathsalam, R. and Reddy, Y. S. (1981). Lipid Kinetics in Relation to the Toxicity of Three Pesticides in the Climbing Perch, Anabas testudineus (Bloch). *Proc.Indian Natl.Sci.Acad.Part B* 47: 670-676.

    EcoReference No.: 95403
    Chemical of Concern: DS,HCCH,CBF; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DS),OK(CBF).

35. Balasubramanian, R., Thontadarya, T. S., and Heinrichs, E. A. (1976). Chemical Control of the Sorghum Shoot Fly Atherigona varia var. Soccata rondani (Diptera: Anthomyiidae) in South India. *Mysore J.Agric.Sci.* 10: 245-251.

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

36. Baranowski, R. M. (1968). Insecticide Treatments for the Control of Potato-Infesting Wireworms. *In:*

Proc.Fla.State Hortic.Soc. 80: 115-117.

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

37. Bariola, L. A. and Lindquist, D. A. (1970). Longevity and Fecundity of Boll Weevils Exposed to Sublethal Doses of Systemic Insecticides. *J.Econ.Entomol.* 63: 527-530.

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

38. Barras, S. J., Clower, D. F., and Merrifield, R. G. (1967). Control of the Nantucket Pine Tip Moth on Loblolly Pine with Systemic Insecticides in Louisiana. *J.Econ.Entomol.* 60: 185-90.

EcoReference No.: 96294
Chemical of Concern: DDT,DS,PRT,DMT; Habitat: T; Effect Codes: MOR,POP; Rejection Code: EFFICACY(DS,PRT,DMT).

39. Baskaran, P. and Jotwani, M. G. (1979). Chemical Control of Insect Pests of Sorghum IV. Relative Efficacy of Systemic Insecticides Against Sorghum Shoot Fly (Atherigona soccata Rondani). *Auara* 7/8: 97-101.

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

40. Batra, R. C. and Sandhu, G. S. (1981). Comparison of Different Insecticides for the Control of Citrus Leaf-Miner in the Nursery. *Pesticides* 15: 5-6.

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

41. Beckham, C. M. (1965). Experiments for Control of Thrips on Cotton. *Ga.Agric.Exp.Stn., Mimeo.Ser.* 9 p.

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

42. Beckham, C. M. (1970). Influence of Systemic Insecticides on Thrips Control and Yield of Cotton. *J.Econ.Entomol.* 63: 936-938.

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

43. Bevan, W. J. (1967). Control of Carrot Fly on Celery. *In: Proc.4th Br.Insectic.Fungic.Conf.* 1: 229-233.

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

44. Bevan, W. J. (1966). Control of Carrot Fly on Celery, with Notes on Other Pests. *Plant Pathol.* 15: 101-108.

EcoReference No.: 96464
Chemical of Concern: DZ,AND,DS; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(DZ,DS).

45. Bhanot, J. P., Verma, A. N., and Lodhi, G. P. (1984). Control of Sorghum Shoot Fly (Atherigona soccata Rondani) with Systemic Granular Insecticides. *Haryana Agric.Univ.J.Res.* 14: 89-91.

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

46. Bhirud, K. M. and Pitre, H. N. (1972). Bioactivity of Carbofuran and Disulfoton in Corn in Greenhouse Tests, Particularly in Relation to Leaf Positions on the Plant. *J.Econ.Entomol.* 65: 1183-1184.

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

47. Bhirud, K. M. and Pitre, H. N. (1972). Bioactivity of Systemic Insecticides in Corn. Relation to Leafhopper Vector Control and Corn Stunt Disease Incidence. *J.Econ.Entomol.* 65: 1134-1140.

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

48. Bhirud, K. M. and Pitre, H. N. (1972). Comparative Susceptibility of Three Cicadellid Vectors of the Corn Stunt Disease Agent to Carbofuran and Disulfoton in Greenhouse Tests. *J.Econ.Entomol.* 65: 1236-1238.

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

49. Bhirud, K. M. and Pitre, H. N. (1972). Influence of Soil Class and Soil Moisture on Bioactivity of Carbofuran and Disulfoton in Corn in Greenhouse Tests. Relation to Leafhopper Vector Control and Corn Stunt Disease Incidence. *J.Econ.Entomol.* 65: 324-329.

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

50. Bigger, J. H., Johnson, P. E., and Weibel, R. O. (1965). Controlling Hessian Fly with Phorate and Disulfoton. *J.Econ.Entomol.* 58: 1083-1085.

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

51. Bindra, O. S., Sidhu, A. S., and Singh, Gurdip (1970). Control of Tetranychus telarius by Soil Application of Systemic Insecticides. *Indian J.Agric.Sci.* 40: 917-920.

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

52. Bindra, O. S., Sidhu, A. S., Singh, Gurdip, and Brar, K. S. (1973). Control of Sucking Pests of Cotton by Soil Application of Granular Systemic Insecticides. *Indian J.Agric.Sci.* 43: 352-356.

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

53. Birchfield, W. (1968). Evaluation of Nematocides for Control of Reniform Nematodes on Cotton. *Plant Dis.Rep.* 52: 786-789.

    EcoReference No.: 89326
    Chemical of Concern: DD,13DPE,ADC,DS,EP,MOM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM),EFFICACY(DD,13DPE,ADC,DS),NO COC(CLPM,CLP).

54. Bishop, G. W., Halbert, S., and Johnston, R. L. (1986). Wireworm and Foliar Feeding Insect Control on Potatoes, 1985. *Insectic.Acaric.Tests* 11: 154-156 (No. 214).

    EcoReference No.: 88760
    Chemical of Concern: ADC,BFT,FNF,DS,EP,PRT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(DS).

55. Blackmore, L. W. (1969). Aphid Control in Wheat and Barley (Wanganui, Rangitikei, Manawatu, Wairarapa). *In: Proc.N.Z.Weed Pest Control Conf.* 22: 236-242.

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

56. Blank, R. H., Bell, D. S., and Cox, N. R. (1981). Screening Seed Protectants Against Black Field Cricket. *In: Proc.34th N.Z.Weed and Pest Control Conf.* 156-160.

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

57. Boethel, D. J. (1978). Dosage-Mortality Data on the Pecan Leaf Scorch Mite. *J.Econ.Entomol.* 71: 854-855.

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

58. Borle, M. N., Ramarao, B., and Deshmukh, S. D. (1980). Residual Toxicity of Some Granular Systemic Insecticides as Soil Application in the Control of Cotton Aphid, Aphis Gossypii Glover. *Indian J.Entomol.* 42: 142-147.

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

59. Brandenburg, R. L. and Royals, B. M. (1997). Thrips Control in Peanuts, 1996. *Arthropod Manag.Tests* 22: 280.

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

60. Brodie, B. B. and Burton, G. W. (1967). Nematode Population Reduction and Growth Response of Bermuda Turf as Influenced by Organic Pesticide Applications. *Plant Dis.Rep.* 51: 562-566.

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

61. Budhraja, K., Rawat, R. R., and Singh, O. P. (1980). Note on Persistence of Toxicity of Some Granular Insecticides Against the Rice Hispa, Dicladispa (Hispa) armigera (Oliv.) (Coleoptera: Chrysomelidae). *Indian J.Agric.Sci.* 50: 801-802.

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

62. Bunn, K. E., Thompson, H. M., and Tarrant, K. A. (1996). Effects of Agrochemicals on the Immune Systems of Earthworms. *Bull.Environ.Contam.Toxicol.* 57: 632-639.

EcoReference No.: 40369
Chemical of Concern: PCZ,Captan,PIM,DS,PIRM,PAQT,CPP,PRO,PCB,DMT; Habitat: T; Effect Codes: IMM; Rejection Code: LITE EVAL CODED(DS,Captan).

63. Buntin, G. D. (1992). Aphid Control in Winter Canola Using Foliar Insecticides, 1991. *Insectic.Acaric.Tests* 17: 186 (19F).

EcoReference No.: 89372
Chemical of Concern: MLN,ES,DS,DMT,CPY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CPY),EFFICACY(MLN,DS,DMT).

64. Buntin, G. D. (1992). Aphid Control in Winter Canola Using Soil Insecticides, 1990-1991. *Insectic.Acaric.Tests* 17 : 186-187 (20F).

EcoReference No.: 79344
Chemical of Concern: CBF,PRT,DS,TBO; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(PRT),EFFICACY(DS,CBF).

65. Buntin, G. D. (1991). Canola Brassica napus L. Cascade Turnip Aphid Lipaphis erysimi Kaltenbach Aphid Control in Winter Canola Using Foliar Insecticides in 1990. *Insectic.Acaric.Tests* 16: 142-143.

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

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

EcoReference No.: 73094
Chemical of Concern: MLN,CPY,ES,DMT,PMR,CYP,DS,PPHD,PRN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(CPY,DMT,PMR),EFFICACY(MLN,DS,CYP).

67. Buntin, G. D. (1988). Hessian Fly Control with Granualr Insecticides Applied at Planting, 1985. *Insectic.Acaric.Tests* 13: 320 (No. 189F).

EcoReference No.: 88882
Chemical of Concern: CBF,DS,ADC; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBF,DS),TARGET(ADC,DS).

68. Buntin, G. D. (1990). Hessian Fly (Diptera: Cecidomyiidae) Management in Winter Wheat Using Systemic Insecticides at Planting. *J.Agric.Entomol.* 7: 321-332.

Chemical of Concern: CBF,DS; Habitat: T; Rejection Code: TARGET(CBF,DS).

69. Buntin, G. D. (1999). Insecticidal Control of Cereal Leaf Beetle in Winter Wheat, 1998. *Arthropod Manag.Tests* 24: 320.

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

70. Buntin, G. D., Flanders, K. L., Slaughter, R. W., and Delamar, Z. D. (2004). Damage Loss Assessment and Control of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Winter Wheat. *J.Econ.Entomol.* 97: 374-382.

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

71. Buntin, G. D. and Hudson, R. D. (1991). Spring Control of the Hessian Fly (Diptera: Cecidomyiidae) in Winter Wheat Using Insecticides. *J.Econ.Entomol.* 84: 1913-1919.

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

72. Buntin, G. D., Ott, S. L., and Johnson, J. W. (1992). Integration of Plant Resistance, Insecticides, and Planting Date for Management of the Hessian Fly (Diptera: Cecidomyiidae) in Winter Wheat. *J.Econ.Entomol.* 85: 530-538.

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

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Chemical of Concern: TBO,CBF,ADC,DS,ACP; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CBF,ADC,DS,ACP).

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

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EcoReference No.: 79343
Chemical of Concern: CBF,DS,TBO,PRT,TFT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PRT),OK(ALL CHEMS),TARGET(DS) .

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Chemical of Concern: CBF,DS,TBO,DEM,DMT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DMT,DS),OK(CBF).

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    Chemical of Concern: MOM,CBF,24DXY,DS,TBO,PPX; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(DS,CBF,MOM).

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EcoReference No.: 96418
Chemical of Concern: ADC,CBF,DS,PRT; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(DS,PRT),OK(ADC,CBF).

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EcoReference No.: 75355
Chemical of Concern: DMT,LCYT,DS; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(DMT),EFFICACY(DS).

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

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

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Chemical of Concern: DS,PPX,MLN,CPY; Habitat: T; Effect Codes: BCM,MOR,BEH,PHY; Rejection Code: LITE EVAL CODED(DS),NO CONTROL(MLN,CPY).

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Chemical of Concern: DS,CBF,ADC,PRT; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(DS).

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Chemical of Concern: DS,PRT,MBZ,ADC; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: LITE EVAL CODED(ADC,DS),OK(PRT).

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

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

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

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EcoReference No.: 17020
Chemical of Concern: DS,MLN; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(DS,MLN).

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

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Chemical of Concern:
EDT,24DXY,AZ,CBL,CMPH,DS,DU,HCCH,MLN,PCP,PRN,DDT,NaPCP,DZ,DBAC,DCB,TCC;
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(DS,24DXY,TCC,CBL,AZ,DCB,DZ,PCP,NaPCP,DBAC,MLN).

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

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

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

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

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EcoReference No.: 17456
Chemical of Concern: 24DXY,DMT,DS,DZ,HCCH,MLN,CuS,PCP,Zn,PL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DS,24DXY,MLN).

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

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

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

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

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

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EcoReference No.: 88064
Chemical of Concern: PMR,PRT,DS; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DS).

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EcoReference No.: 63833
Chemical of Concern: DS; Habitat: T; Rejection Code: TARGET(DS).

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

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EcoReference No.: 48888
Chemical of Concern: DS,PRT,DZ,PRN; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(DS,PRT,DS).

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

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EcoReference No.: 79272
Chemical of Concern: MP,ES,CPY,DS,CYF,MTM,BFT,ACP,EFV,OXD; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(MTM,OXD),TARGET(MP,CPY,DS).

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

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Chemical of Concern: FNF,CBF,CPY,DZ,DS,PRT; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CBF,CPY,DZ,DS,PRT).

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

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EcoReference No.: 78658
Chemical of Concern: ATZ,PPZ,PRT,DS,CBF,PCH; Habitat: T; Effect Codes: MOR; Rejection Code: OK(PCH,CBF,DS),NO MIXTURE(PPZ,ATZ),TARGET(PRT,DS).

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EcoReference No.: 87880
Chemical of Concern: CBL,DZ,PRN,CYH,CPY,ETN,DS; Habitat: T; Effect Codes: POP,PHY; Rejection Code: EFFICACY(CPY,CBL,DZ,DS).

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

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EcoReference No.: 95961
Chemical of Concern: DS,PRN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DS).

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

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

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EcoReference No.: 96671
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,GRO,POP; Rejection Code: LITE EVAL CODED(DS).

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

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EcoReference No.: 81161
Chemical of Concern: TCMTB,BMY,TBA,CBX,DS,CBY,FNF,HPT,ADC,PRT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TCMTB),EFFICACY(DS,ADC,PRT).

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

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EcoReference No.: 87131
Chemical of Concern: ACP,ADC,PRT,DS; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ACP),EFFICACY(ADC,DS,PRT).

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

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EcoReference No.: 96144
Chemical of Concern: CBF,ADC,DS,PPHD; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(DS),OK(CBF,ADC).

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

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

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

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EcoReference No.: 528
Chemical of Concern: AZ,DS,MLN,EN,PRN,DLD,AND,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DS,MLN),OK(ALL CHEMS).

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

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EcoReference No.: 12859
Chemical of Concern: MOM,ACC,BMC,BMN,CBL,CPY,DS,DZ,MLN,PMR,C8OH,ACL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DS,CPY,BMC,CBL,DZ,C8OH,MOM,ACL,MLN),OK(ALL CHEMS).

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

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

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

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Chemical of Concern: CBF,DS; Habitat: T; Rejection Code: TARGET(CBF,DS).

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

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

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

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

214. Graham, L. C. and Gaylor, M. J. (1986). Chemical Control of Thrips, 1985. *Insectic.Acaric.Tests* 11: 275-276 (No. 357).

EcoReference No.: 88765
Chemical of Concern: ADC,DS,ACP,LCYT,CBL,DCTP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DS),OK(ADC,ACP),TARGET(CBL).

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

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

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

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

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

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

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EcoReference No.: 95540
Chemical of Concern: PRT,DMT,ADC,DS; Habitat: T; Effect Codes: POP,MOR; Rejection Code: EFFICACY(PRT,DMT,ADC,DS).

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

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

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Chemical of Concern: CBF,ADC,DS; Habitat: T; Rejection Code: TARGET (DS).

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EcoReference No.: 96065
Chemical of Concern: ADC,CBF,DS,PRT,MP; Habitat: T; Effect Codes: POP,PHY,MOR; Rejection Code: LITE EVAL CODED(DS),OK(ADC,CBF,PRT,MP).

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

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EcoReference No.: 96093
Chemical of Concern: ADC,DS,PRT,PPX; Habitat: T; Effect Codes: POP; Rejection Code:

EFFICACY(ADC,DS,PRT).

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

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

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EcoReference No.: 96456
Chemical of Concern: ADC,CBX,Captan,DS; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(DS),OK(ADC),NO MIXTURE(Captan,CBX).

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

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

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

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

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

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

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

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

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EcoReference No.: 96066
Chemical of Concern: ADC,DS,PRT; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DS,PRT),OK(ADC).

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

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EcoReference No.: 88650
Chemical of Concern: ACP,DMT,DS,BDC; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ACP,DMT,DS).

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EcoReference No.: 79775
Chemical of Concern: ADC,DS,ACP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ACP,ADC,DS).

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

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EcoReference No.: 96446
Chemical of Concern: DZ,DDT,CBL,PRT,DS; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(DZ,CBL,PRT,DS).

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

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EcoReference No.: 96451
Chemical of Concern: DS,PPHD,PRT; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,PRT).

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

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

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

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

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

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EcoReference No.: 96474
Chemical of Concern: DS,24DB,VNT,BFL,NPM; Habitat: T; Effect Codes: POP,BCM; Rejection Code: EFFICACY(DS).

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EcoReference No.: 96475
Chemical of Concern: DS,24DB; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS).

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

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EcoReference No.: 35214
Chemical of Concern:
ABT,AND,AMTL,ATZ,PPX,Captan,CHL,CHD,TCF,24DXY,DDT,24DB,DDVP,DEM,DEZ,DBN,DCF,DLD,DS,CU,CPY,DMT,SZ,FNF,ES,EN,TXP,FNT,FNTH,AZ,HPT,PSM,HCCH,MLN,MCPB,MTAS,MOM,MXC,MP,MRX,Nabam,Naled,OXC,PRN,PCP,PRT,PPHD,PCL,TFM,THM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PSM,DS,CBL,DZ,ATZ,SZ,DMT,MLN,MP,Captan,Naled).

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

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EcoReference No.: 88877
Chemical of Concern: ADC,CBF,DS; Habitat: T; Effect Codes: POP; Rejection Code: OK(DS,CBF),TARGET(ADC,DS).

258. Henne, R. C. (1970). Effect of Five Insecticides on Populations of the Six-Spotted Leafhopper and the Incidence of Aster Yellows in Carrots. *Can.J.Plant Sci.* 50: 169-174.

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

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EcoReference No.: 79045
Chemical of Concern: MVP,PFF,TBO,DCB,MXC,CYP,DM,FNV,CBX,DZM,NCTN,FMP,MDT,IFP,IZF,FNTH,FNT,ETN,FNF,DMT,DDVP,CPYM,CPY,AZ,AZM,PPX,PIM,OML,MOM,MCB,ADC,NAPH,PMR,ES,PCB,PSM,DS,DZ,CBF,CBL,PRT; Habitat: T; Effect Codes: MOR; Rejection Code: OK(ALL CHEMS),TARGET(CBL,PRT,DZ,NAPH,DCB,MOM,FNV,DMT,CPYM,DS,PSM).

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

261. Herbert, D. (1998). Evaluation of Selected in-Furrow and Foliar Applied Insecticides for Control of Thrips on Cotton, 1997. *Arthropod Manag.Tests* 23: 231-232.

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

262. Herbert, D. (1996). Selected Insecticide-Nematicides for Control of Thrips in Virginia Cotton, 1995. *Arthropod Manag.Tests* 21: 251-252.

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

263. Herbert, D. and Harrison-Bryan, W. W. (1993). Planting Time Treatments for Control of Tobacco Thrips in Peanut, 1992. *Insectic.Acaric.Tests* 18: 264.

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

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

EcoReference No.: 89468
Chemical of Concern: MLN,CYH,EFV,DS; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,MLN,EFV,CYH).

265. Herbert, D. A. Jr. (1997). Effects of Selected Seed, Foliar and In-Furrow Applied Insecticides on Thrips Injury, Plant Stand and Yield, 1996. *Arthropod Manag.Tests* 22: 281 (No. 90F).

EcoReference No.: 79448
Chemical of Concern: ADC,PRT,DS,ACP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ADC,ACP,PRT,DS).

266. Herbert, D. A. Jr. (1998). Evaluation of Thrips Damage on Maturity and Yield of Virginia Cotton. *In: Proc.Beltwide Cotton Conf.* 2: 1177-1180.

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

267. Herbert, D. A. Jr. and Malone, S. (1999). Evaluation of Selected In-Furrow and Foliar Applied Insecticides for Control of Thrips on Cotton, 1998. *Arthropod Manage.Tests* 24: 248-249 (F63).

EcoReference No.: 88081
Chemical of Concern: IMC,DS,ACP,APC; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,ACP,ADC).

268. Herbert, D. A. Jr and Malone, S. (1999). Evaluation of Selected In-Furrow Applied Insecticide/Nematicides, with and Without an Additional Foliar Insecticide Band, for Control of Thrips on Cotton, 1998. *Arthropod Manage.Tests* 24: 247-248 (F62).

EcoReference No.: 88083
Chemical of Concern: DS,PRT,ACP,ADC; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(ADC,DS,PRT,ACP).

269. Hill, E. F. and Camardese, M. B. (1984). Toxicity of Anticholinesterase Insecticides to Birds: Technical Grade Versus Granular Formulations. *Ecotoxicol.Environ.Saf.* 8: 551-563.

EcoReference No.: 37111
Chemical of Concern: ADC,CBF,CPY,DZ,DS,FMP,FNF,IFP,PRN,PRT,TBO,BDC; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DS,DZ,ADC,PRT,CPY),OK(CBF,FMP).

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EcoReference No.: 35243
Chemical of Concern: 24DXY,ABT,ADC,AMTL,AND,ATZ,Captan,CBF,CBL,Cd,Cr,DDT,DLD,DMT,DS,DU,DZ,ES,ETN,FNT,HCCH,Hg,HPT,MCPB,MLN,MP,MRX,MTAS,MXC,Naled,Pb,PCB,PCL,PCP,PQT,PRN,PRT,PYN,RSM,RTN,SZ,TFM,THM,TVP,TXP,Zn,ZnP,As,AZ,OXD,PSM,LNR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(LNR,PSM,DS,24DXY,CPY,MP,Naled,Captan,MLN,OXD,MTAS,CBL,DZ,ATZ,CBF,ADC,MOM,DMT,SZ,ZnP,RTN,RSM,MCPB,PCP,PRT).

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

272. Hofmaster, R. N., Waterfield, R. L., and Boyd, J. C. (1967). Insecticides Applied to the Soil for Control of Eight Species of Insects on Irish Potatoes in Virginia. *J.Econ.Entomol.* 60: 1311-1318.

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

273. Holtkamp, R. H., Edge, V. E., Dominiak, B. C., and Walters, P. J. (1992). Insecticide Resistance in Therioaphis trifolii F. Maculata (Hemiptera: Aphididae) in Australia. *J.Econ.Entomol.* 85: 1576-1582.

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

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

275. Hopkins, A. R. and Taft, H. M. (1965). Control of Certain Cotton Pests with a New Systemic Insecticide, UC-21149. *J.Econ.Entomol.* 58: 746-749.

EcoReference No.: 96398
Chemical of Concern: DS,PRT; Habitat: T; Effect Codes: POP,MOR,REP; Rejection Code: EFFICACY(DS,PRT).

276. Houghgoldstein J. and Whalen J. (1993). Inundative Release of Predatory Stink Bugs for Control of Colorado Potato Beetle. *Biol.Control* 3: 343-347.

Chemical of Concern: ADC,DS; Habitat: T; Rejection Code: TARGET (ADC,DS).

277. 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.

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

278. Howland, Adelbert F., Wilcox, J., Butler, L. I., and George, D. A. (1969). Organophosphorus Acaricides for Controlling the Two-Spotted Spider Mite on Strawberries. *J.Econ.Entomol.* 62: 939-940.

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

279. Hoyman, W. G. and Dingman, E. (1965). Effect of Certain Systemic Insecticides on the Incidence of Verticillium Wilt and the Yield of Russet Burbank Potato. *Am.Potato J.* 42: 195-200.

EcoReference No.: 96627
Chemical of Concern: DS,PPHD,DEM,OXD,Captan; Habitat: T; Effect Codes: GRO,POP; Rejection Code: EFFICACY(DS),OK(OXD,Captan).

280. Hoyman, W. G. and Dingman, E. (1967). Effect of Disulfoton on Tuber Nematode Galls, Verticillium Wilt, and Yield of Russet Burbank Potato. *Am.Potato J.* 44: 165-173.

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

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EcoReference No.: 50386
Chemical of Concern:
ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,PPX,BTY,Captan,CBL,CBF,CHD,CQTC,CPY,CMPH,CZE,24D,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DLD,DMT,DQTBr,DS,DU,ES,EDT,EN,EP,ETN,FNT,FNTH,FMV,Folpet,FNF,HPT,PSM,HCCH,MLN,MDT,MCB,MOM,M

TPN,MXC,MP,MVP,MRX,NABAM,Naled,FMP,PQT,PRN,PCP,PRT,PCL,RSM,RTN,STAR,STCH, TCDD,TMP,TZL,TVP,TZL,THM,TXP,TCF,TFN,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PSM,ATZ,DU,MDT,PRT,RTN,CPY,24D,DS).

282. Hull, R. and Selman, I. W. (1965). The Incidence and Spread of Viruses in Lathyrus odoratus in Relation to Variety and the Use of Systemic Insecticides. *Ann.Appl.Biol.* 55: 39-50.

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

283. Hurej, M. and Dutcher, J. D. (1994). Effect of Esfenvalerate and Disulfoton on the Behavior of the Blackmargined Aphid, Black Pecan Aphid, and Yellow Pecan Aphid (Homoptera: Aphididae). *J.Econ.Entomol.* 87: 187-192.

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

284. Husain, M. and Begum, N. (1984). Effectiveness of Some Granular Insecticides Against Rice Thrips. *Indian Agric.Sci.* 54: 693.

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

285. Irwin, M. E. and Kuhlman, D. E. (1979). Relationships Among Sericothrips variabilis, Systemic Insecticides, and Soybean Yield. *J.Ga.Entomol.Soc.* 14: 148-154.

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

286. Ivy, H. W. (1971). Response of Cotton to Combinations of Herbicides and Disulfoton. *Weed Sci.* 19: 338-340.

EcoReference No.: 96724
Chemical of Concern: FMU,DU,TFN,DS; Habitat: T; Effect Codes: POP,GRO; Rejection Code: EFFICACY(DS),OK(DU).

287. Jacobson, R. M. and Thriugnanam, M. (1990). New Selective Systemic Aphicides. *In: D.R.Baker, J.G.Fenyes, and W.K.Moberg (Eds.), ACS (Am.Chem.Soc) Symp.Ser.No.443, Chapter 26, Synthesis and Chemistry of Agrichemicals, Washington, D.C.* 322-339.

EcoReference No.: 74350
Chemical of Concern:
PIM,CPY,DMT,ACP,PPHD,FNV,PHSL,MOM,ADC,MLN,DEM,DS,OML,AZ,ES,EFV; Habitat: T; Rejection Code: TARGET(ADC,DMT,MLN,ACP,AZ,MOM,CPY,FNV,DS).

288. Jagtap, A. B., Naik, L. M., and Awate, B. G. (1976). Chemical Control of Cotton Jassids (Amrasca biguttala biguttala, Ishida.) and Bollworms (Earias species and Pectinophora gossypiella Saunders) on Irrigated Cotton in Maharashtra (India). *J.Maharashtra Agric.Univ.* 1: 248-253.

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

289. Jain, H. K., Agnihotri, N. P., and Prasad, S. K. (1977). Insecticide Residues in Mustard Seed. *J.Entomol.Res.* 1: 222-223.

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

290. Jairin, J., Kojima, N., and Nagata, T. (2005). Insecticide Resistance of the Green Rice Leafhopper, Nephotettix cincticeps, to the Systemic Insecticides Used for Seedling-Box Application. *ScienceAsia* 31: 151-158.

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

291. Jansson, R. K., Lecrone, S. H., and Daigle, C. (1993). Wireworm Control on Potato, 1989. *Insectic.Acaric.Tests* 18: 143-144.

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

292. Jarvi, K. J. and Howard, L. (1992). Clover Leaf Weevil Larval Control in Alfalfa, 1991. *Insectic.Acaric.Tests* 17: 176 (5F).

EcoReference No.: 79772
Chemical of Concern: CPY,PMR,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CPY,PMR),NO COC(DS).

293. Jayaraman, V. (1985). Study on Repellent Action of Phorate Against Rhinoceros Beetle, Oryctes rhinoceros Linn. *In: Behav.Physiol.Approaches Pest Manag., Pap.Natl.Semin.* 116-119.

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

294. Jensen, L. D. and Gaufin, A. R. (1964). Effects of Ten Organic Insecticides on Two Species of Stonefly Naiads. *Trans.Am.Fish.Soc.* 93: 27-34.

EcoReference No.: 2667
Chemical of Concern: AND,AZ,DLD,PRN,DDT,MLN,DS; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(DS,AZ,MLN),OK(AND,DLD,PRN,DDT).

295. Johnson, D. R. and Studebaker, G. (1993). Control of Thrips in Cotton with in-Furrow Insecticides, 1990. *Insectic.Acaric.Tests* 18: 229-230.

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

296. Johnson, D. R., Studebaker, G., and Kimbrough, J. (1993). Control of Thrips in Cotton with In-Furrow Insecticides, 1991. *Insectic.Acaric.Tests* 18: 230.

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

297. Johnson, G. and Kammerzell, K. (1991). Russian Wheat Aphid Control in Winter Wheat, 1990. *Insectic.Acaric.Tests* 16: 240-241 (145F).

EcoReference No.: 91914
Chemical of Concern: EFV,CPY,MP,DS,DMT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DS,EFV,DMT,MP,CPY).

298. Johnson, G. D. and McLendon, M. E. (1993). Evaluation of Foliar Treatments for Russian Wheat Aphid Control, 1992. *Insectic.Acaric.Tests* 18: 295-296.

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

299. Johnston, R. I. and Sandvol, I. F. (1986). Susceptibility of Idaho Populations of Colorado Potato Beetle to Four Classes of Insecticides. *Am.Potato J.* 63: 81-86.

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

300. Johnston, R. L. and Sandvol, L. E. (1986). Susceptibility of Idaho USA Populations of Colorado Potato

Beetle Leptinotarsa decemlineata to Four Classes of Insecticides. *Am.Potato J.* 63: 81-86.

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

301. Jones, G. A. and Thurston, R. (1973). Seasonal Control of Insects on Burley Tobacco with Soil-Applied Insecticides. 1. Tobacco Flea Beetles. *Tob.Sci.* 17: 102-104.

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

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EcoReference No.: 94996
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(DS).

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

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Chemical of Concern: ADC,MLX,CBX,TBO,DS,PNB,Captan; Habitat: T; Effect Codes: REP,MOR,POP,GRO; Rejection Code: LITE EVAL CODED(DS),TARGET(ADC),NO MIXTURE(Captan).

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Chemical of Concern: MXC,MLN,HCCH,DS,DLD,DZ,CBL,AZ,AND,ATZ,ACR,DCPA,DMB,LNR,NPM,PCH,TFN,VNT; Habitat: T; Effect Codes: PHY,POP,GRO; Rejection Code: LITE EVAL CODED(DS),OK(CBL),NO ENDPOINT(MXC,MLN,HCCH,DLD,DZ,AZ,AND,ATZ,ACR,DCPA,DMB,LNR,NPM,PCH,TFN,VNT).

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Chemical of Concern: DDT,DMT,DS,TCF; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,DMT)//No OM, pH.

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Chemical of Concern: TBO,ADC,CBF,DS; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(DS).

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

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Chemical of Concern: FNF,TBO,CMPH,DCTP,FNTH,AZ,CPY,DZ,DS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,CPY,DS),OK(AZ).

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Chemical of Concern: DS,DZ,DLD,DMT,HCCH; Habitat: T; Effect Codes: GRO,POP; Rejection Code: EFFICACY(DS,DZ,DMT).

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

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

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Chemical of Concern: DZ,MP,DS,CBF,CBL; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(DS),OK(DZ,MP,CBF,CBL).

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Chemical of Concern: MLN,OML,ACP,DMT,CPY,MTM,DS,TDC,AZ; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ALL CHEMS),TARGET(DS).

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Chemical of Concern: CBF,ADC,FNT,DS,FMP,EP; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(CBF,ADC,DS,FMP).

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Chemical of Concern: ADC,DS,PRT,CYF,PMR,FNV,PSM; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(ADC,DS,PRT,PMR,FNV,PSM).

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

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

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EcoReference No.: 78961
Chemical of Concern: PRT,ADC,DS,ACP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(ADC,ACP,PRT),EFFICACY(DS).

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Chemical of Concern: CBL,DDT,DS,PRN,PRT,DZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CBL,DS,DZ,PRT).

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Chemical of Concern: EN,DU,PRT,DS,CBL,DDT,HPT,Captan; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DS,PRT),TARGET(DU),NO ENDPOINT(CBL,Captan,DDT,HPT,EN).

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Chemical of Concern: DS,PRT,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DS,PRT,CBF).

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Chemical of Concern: DS,PMR,CBL,FNV,CYH,BFT,CBF,PRT,CYF,ES,TBO,AZ; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,PMR,CBL,FNV,BFT,CBF,PRT,CYF,AZ).

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EcoReference No.: 88845
Chemical of Concern: CBL,MOM,TLM,PMR,DS,EFV,CYH,MP,CYF,BFT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MOM,EFV,MP,DS),OK(TLM,PMR,CYH,CYF,BFT),OK TARGET(CBL).

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Chemical of Concern: DMT,MP,MLN,DS,CPY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(MLN,MP,CPY,DMT,DS).

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Chemical of Concern: PRT,DZ,DS,13DPE,PRN,CBF; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(PRT,DZ,DS,13DPE,CBF).

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

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

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Chemical of Concern: TLM,CPY,ETN,DS,DZ,PRN,CBL; Habitat: T; Effect Codes: POP,PHY; Rejection Code: EFFICACY(DS,CPY,DZ,CBL).

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

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EcoReference No.: 96071
Chemical of Concern: ADC,CBF,DS,PRT; Habitat: T; Effect Codes: REP,PHY,POP,MOR; Rejection Code: LITE EVAL CODED(DS),OK(ADC,CBF,PRT).

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

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

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EcoReference No.: 38599
Chemical of Concern: PHSL,DZ,CHD,DS,FMP,PRT,FNF,PPX,OML,MOM,EP,CPY,CBF,ADC; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(CPY,DS),OK(ADC,CBF,PRT,DZ,MOM).

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

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

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

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

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

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EcoReference No.: 887
Chemical of Concern: AZ,MLN,CBL,CMPH,CPY,DS,HCCH,MLN,Naled,PRT,ATN,DZ,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DS,CPY,OXD,CBL,DZ,PRT,ATN,MLN),OK(ALL CHEMS).

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

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

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

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EcoReference No.: 53885
Chemical of Concern: HCCH,PRT,DS,PPHD,DMT,ADC,CBF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DMT,DS).

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

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

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EcoReference No.: 96419
Chemical of Concern: PRT,Naled,MXC,DMT,MOM,AZ,DS,DZ,CBL,ES,HCCH,ACP,CBF,OML; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(DMT,MOM,AZ,DS,DZ,CBL,ACP,Naled),OK(CBF).

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

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EcoReference No.: 88878
Chemical of Concern: DS,CBF,CPY,EP,FMP,ADC; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(ADC,CPY,DS).

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Chemical of Concern: DS,CBF,CPY,EP,FMP,ADC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DS,CPY),OK(CBF,ADC).

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Chemical of Concern: DS,ADC,DMT,PRT,DEM; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(DS),OK(ADC,DMT,PRT).

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Chemical of Concern: MTM,SPS,TCF,DS,AZ; Habitat: T; Effect Codes: BEH,GRO,PHY,MOR; Rejection Code: LITE EVAL CODED(MTM,DS),OK(AZ).

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Chemical of Concern: PRT,CBF,MOM,DS; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DS),OK(PRT,CBF,MOM).

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EcoReference No.: 63055
Chemical of Concern: MOM,DS,DMT,CPY,MLN,PRN,CBF; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DMT,MLN),TARGET(MOM,CPY,DS).

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EcoReference No.: 59664
Chemical of Concern: PRT,EN,DS,MLN,PPHD,TBO,CBF; Habitat: T; Effect Codes: REP,GRO,CEL; Rejection Code: LITE EVAL CODED(DS),OK(PRT,MLN,CBF).

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

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EcoReference No.: 87094
Chemical of Concern: FNT,MLN,DS,ADC,ES; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DS),OK(ADC),NO MIXTURE(MLN) .

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Chemical of Concern: PPHD,PRT,DMT,DS,ADC; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(ADC,DMT),EFFICACY(PRT,DS).

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EcoReference No.: 96081
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Chemical of Concern: PPHD,DS,PRT,ADC,CBF,CBL,DMT; Habitat: T; Effect Codes: POP; Rejection Code: EFFICACY(DS,PRT,ADC,CBF,CBL,DMT).

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Chemical of Concern: EP,PRT,DS,ADC; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(DS).

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

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

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EcoReference No.: 96141
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DS).

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EcoReference No.: 96079
Chemical of Concern: HCCH,PRT,DS,ADC,CBF; Habitat: T; Effect Codes: POP,MOR; Rejection Code: EFFICACY(PRT,ADC),TARGET(DS).

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EcoReference No.: 88898
Chemical of Concern: OXD,MLN,IFP,DEM,DS,FNTH,PRT,DZ,PRN; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: OK(ALL CHEMS),TARGET(MLN,OXD,DZ,DS).

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

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

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

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EcoReference No.: 74693
Chemical of Concern: CBF,ADC,DS; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBF),TARGET(ADC,DS).

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

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

Acceptable for ECOTOX but not OPP

1. Areekul, S. (1987). Toxicity to Fishes of Insecticides Used in Paddy Fields and Water Resources. I. Laboratory Experiment. *Kasetsart J.20(2):164-178(1986)(THI)(ENG ABS) /C.A.Sel.-Environ.Pollut.* 12: 106-190732T.

   EcoReference No.: 283
   Chemical of Concern: CPY,ADC,PRT,DS,HCCH,CBL,HPT,PPX,FNT,MLN,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,NO CONTROL(ALL CHEMS),NO CONTROL,NO DURATION(DS,CPY).

2. Bach, E. E., Beretta, M. J. G., Giannotti, O., Pigatti, P., Ungaro, M. T. S., Almeida, P. R., and Moraes, W. B. C. (1979). Induced Protection to Frost in Coffea arabica by Systemic Phosphorilated Insecticides.

Phytopathol.Z. 95: 87-92.

EcoReference No.: 96473
Chemical of Concern: DS,PRT; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(DS,PRT).

3. Bagga, H. S. (1968). A Simple Technique for Evaluating Systemic Fungicides and Insecticides for Control of Cotton Boll Rot. *Plant Dis.Rep.* 52: 835-837 .

   EcoReference No.: 95430
   Chemical of Concern: CLNB,DMT,DS,PRT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(CLNB,DMT,DS,PRT).

4. Bakthavathsalam, R. and Reddy, Y. S. (1984). Changes in the Levels of Aspartate and Alanine Aminotransferase Activities of Anabas testudineus (Bloch) Exposed to Disyston. *Chemosphere* 13: 1201-1206.

   EcoReference No.: 10456
   Chemical of Concern: DS; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

5. Bakthavathsalam, R. and Reddy, Y. S. (1983). On the Significance of Acetylcholinesterase Activity in Pesticides Studies Using Fish. *Indian J.Environ.Health* 25(2): 92-99.

   EcoReference No.: 10489
   Chemical of Concern: DS,HCCH; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

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   EcoReference No.: 11867
   Chemical of Concern: CBF,DS; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CBF),NO ENDPOINT(DS).

7. Bakthavathsalam, R. and Reddy, Y. S. (1982). Toxicity and Behavioural Responses of Anabas testudineus (Bloch) Exposed to Pesticides. *Indian J.Environ.Health* 24: 65-68.

   EcoReference No.: 11026
   Chemical of Concern: CBF,HCCH,DS; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CBF),NO CONTROL(DS).

8. Balcomb, R., Stevens, R., and Bowen II, C. (1984). Toxicity of 16 Granular Insecticides to Wild-Caught Songbirds. *Bull.Environ.Contam.Toxicol.* 33: 302-307 .

   EcoReference No.: 35027
   Chemical of Concern: PRT,ADC,TBC,PRN,FMP,EP,CPY,FNF,DS,TBO,IFP,CBF,ADC,DZ,TMP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DZ,CBF,ADC,PRT),OK(ALL CHEMS),NO ENDPOINT(DS,CPY).

9. Bendahou, N., Bounias, M., and Fleche, C. (1997). Acute Toxicity of Cypermethrin and Fenitrothion on Honeybees (Apis mellifera mellifera) According to Age, Formulations and (Chronic Paralysis Virus)/Insecticide Interaction. *J.Environ.Biol.* 18: 55-65.

   EcoReference No.: 40229
   Chemical of Concern: CYP,FNT,PMR; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CYP),OK(ALL CHEMS),NO COC(DS) .

10. Best, L. B. and Gionfriddo, J. P. (1991). Integrity of Five Granular Insecticide Carriers in House Sparrow Gizzards. *Environ.Toxicol.Chem.* 10: 1487-1492.

EcoReference No.: 94958
Chemical of Concern: DS,CBF,ADC; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(DS,ADC,CBF).

11. Bhaskaran, R., Kandasamy, D., Oblisami, G., and Subramaniam, T. R. (1973). Utilization of Disyston as Carbon and Phosphorus Sources by Soil Microflora. *Curr.Sci.* 42: 835-836.

EcoReference No.: 95807
Chemical of Concern: DS; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 94959
Chemical of Concern: DS; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: NO CONTROL(DS).

13. Braunbeck, T. (1994). Detection of Environmentally Relevant Concentrations of Toxic Organic Compounds Using Histological and Cytological Parameters: Substance-Specificity in the Reaction of Rainbow Trout Liver? *In: R.Muller and R.Lloyd (Eds.), Sublethal and Chronic Effects of Pollutants on Freshwater Fish, Chapter 2, Fishing News Books, London* 15-29.

EcoReference No.: 18554
Chemical of Concern: ATZ,DS,DZ,LNR,ES; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(LNR,DS,ATZ,DZ).

14. Brodeur, J. and DuBois, K. P. (1964). Studies on the Mechanism of Acquired Tolerance by Rats to O,O-Diethyl S-2-(Ethylthio)Ethyl Phosphorodithioate (Di-Syston). *Arch.Int.Pharmacodyn.* 149: 560-570.

EcoReference No.: 35967
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,ACC,GRO,MOR; Rejection Code: NO ENDPOINT(DS).

15. Brzezinski, J. (1969). Catecholamines in Urine of Rats Intoxicated with Phosphororganic Insecticides. *Diss.Pharm.Pharmacol.* 21: 381-385.

EcoReference No.: 96286
Chemical of Concern: PRN,DS,DDVP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

16. Brzezinski, J. (1972). The Effect of Poisoning with Phosphorus Organic Insecticides on the Catecholamine Levels in Rat Plasma Brain and Adrenals. *Diss.Pharm.Pharmacol.* 24: 217-220.

EcoReference No.: 96285
Chemical of Concern: DS,DDVP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

17. Brzezinski, J. and Rusiecki, W. (1970). The Excretion of Catecholamines in Rat Urine Related to Disyston Poisoning. *Diss.Pharm.Pharmacol.* 22: 507-511 .

EcoReference No.: 96287
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

18. Bull, D. L. (1965). Metabolism of Di-Syston by Insects, Isolated Cotton Leaves, and Rats. *J.Econ.Entomol.* 58: 249-254.

EcoReference No.: 95416
Chemical of Concern: DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(DS).

19. Bunn, K. E., Thompson, H. M., and Tarrant, K. A. (1996). Effects of Agrochemicals on the Immune Systems of Earthworms. *Bull.Environ.Contam.Toxicol.* 57: 632-639.

EcoReference No.: 40369
Chemical of Concern: PCZ,Captan,PIM,DS,PIRM,PAQT,CPP,PRO,PCB,DMT; Habitat: T; Effect Codes: IMM; Rejection Code: LITE EVAL CODED(Captan),NO ENDPOINT(DS).

20. Burris, G., Ratchford, K., Graves, J. B., Pavloff, A. M., and Leonard, B. R. (1987). Temik 15G and Nemacur 15G In-Furrow Rate Test on Delta (Commerce Silt Loam) Soil, 1986. *Insectic.Acaric.Tests* 12: 228-229 (No. 266).

EcoReference No.: 88642
Chemical of Concern: ACP,ADC,FMP,DS; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO CONTROL(ALL CHEMS).

21. Buschman, L. L. and El Houssaini, K. (1992). Evaluation of Insecticidal Control of Hessian Fly and Sawfly in Wheat, 1990. *In: A.K.Burditt,Jr.(Ed.), Insecticide and Acaricide Tests, Volume 17, Entomol.Soc.of Am., Lanham, MD* 308-309.

EcoReference No.: 79776
Chemical of Concern: CBF,TBO,DS,CYF; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(TBO,DS,CYF),OK(CBF).

22. Butler, P. A. (1963). Commercial Fisheries Investigations. *Circ.No.167, Fish Wildl.Serv., Washington, D.C.* 11-25.

EcoReference No.: 2188
Chemical of Concern:
AZ,CBL,DZ,HCCH,MLN,Naled,PSM,24DXY,DS,DU,PEB,Folpet,RTN,FBM,CHD,DEM,TXP,MRX, ETN,DZ,AND,MCPA,HPT,DDT,DDVP,EN,CBL,MXC,OXD; Habitat: A; Effect Codes: NOC,GRO,MOR,BEH,PHY; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(PSM,DS,24DXY,OXD,MLN).

23. Butler, P. A. (1964). Commercial Fishery Investigations. *In: Pesticide-Wildlife Studies, 1963, U.S.D.I., Fish and Wildl.Serv.,Circ.199* 28 p.(Author Communication Used).

EcoReference No.: 646
Chemical of Concern:
AZ,DS,HCCH,MLN,MP,Naled,PRT,24DXY,CMPH,DMT,DU,PEB,PSM,NTP,TXP,CBL,TBF; Habitat: A; Effect Codes: BEH,POP,MOR,GRO,ACC,SYS; Rejection Code: NO CONTROL(PSM,DS,MP,Naled),LITE EVAL CODED(MLN,PRT),OK(ALL CHEMS),NO ENDPOINT(DMT),NO ENDPOINT,NO CONTROL(24DXY,TBF).

24. Chalfant, R. B. and Johnson, A. W. (1972). Field Evaluation of Pesticides Applied to the Soil for Control of Insects and Nematodes Affecting Southern Peas in Georgia. *J.Econ.Entomol.* 65: 1711-1713.

EcoReference No.: 48090
Chemical of Concern: EP,DS,CBF,ADC,DPDP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

25. Chendrayan, K. and Prasad, N. N. (1976). Effect of Soil Application of Phorate and Disulfoton on Rhizobium-Groundnut Symboisis. *Madras Agric.J.* 63: 528-530.

EcoReference No.: 96715
Chemical of Concern: PRT,DS; Habitat: T; Effect Codes: GRO,BCM,POP; Rejection Code: NO ENDPOINT(PRT,DS).

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EcoReference No.: 46429
Chemical of Concern: DS; Habitat: T; Effect Codes: ACC,POP,MOR; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 96725
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(DS).

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

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EcoReference No.: 96092
Chemical of Concern: DS; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 18361
Chemical of Concern: DS; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 18414
Chemical of Concern: DS; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 96282
Chemical of Concern: HCB,DS; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 88413
Chemical of Concern: CBL,AND,EN,DLD,HPT,CHD,HCCH,MLN,TXP,DDT,DS,AZ,MXC;
Habitat: T; Effect Codes: MOR,REP,ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 96094
Chemical of Concern: MP,EPRN,TCF,FNTH,ES,EN,AND; Habitat: T; Effect Codes: GRO,MOR,POP; Rejection Code: NO COC(DS),EFFICACY(MP).

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EcoReference No.: 95543
Chemical of Concern: CMPH; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO COC(DS).

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EcoReference No.: 96279
Chemical of Concern: CMZ,PRT; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: OK(PRT),TARGET(CMZ),NO COC(DS).

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EcoReference No.: 2646
Chemical of Concern: AZ,DS,HCCH,PRT,EN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZ,PRT),OK(HCCH,EN),NO CONTROL(DS).

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EcoReference No.: 36729
Chemical of Concern:
AND,CHD,DDT,DLD,ES,EN,HPT,HCCH,TXP,DZ,PRN,As,Cu,CBL,NAPH,PAH,PCP,CN,PQT,PPB,PPHD,Zineb,MRX,ABT,DMT,DS,FNT,PSM,Naled,OXD,THM,HCCH,MLN,MP,FPN,ETN,TBF;
Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 95293
Chemical of Concern: DS,PRN; Habitat: A; Effect Codes: PHY,GRO; Rejection Code: NO CONTROL(DS).

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EcoReference No.: 16747
Chemical of Concern: DS,DZ,PRN,DDVP,FNT; Habitat: A; Effect Codes: PHY; Rejection Code: NO CONTROL(DS,DZ,PRN,DDVP,FNT).

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EcoReference No.: 96758
Chemical of Concern: DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 96088
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 95420
Chemical of Concern: DS,FNT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 96682
Chemical of Concern: DS,PRT; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: NO ENDPOINT(DS,PRT).

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EcoReference No.: 49794
Chemical of Concern: CPY,CuS,NaCr,PRN,Hg,Cr,Zn,Cd,NaBr,DS; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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Chemical of Concern: CI2,ADC,ES,DZ,DS; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: NO ENDPOINT(ADC,DZ,DS).

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EcoReference No.: 40700
Chemical of Concern: DS; Habitat: T; Effect Codes: GRO,REP; Rejection Code: NO ENDPOINT,NO CONTROL(DS).

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EcoReference No.: 41193
Chemical of Concern: DS,PRT,TXP,HPT,AND; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(DS).

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    EcoReference No.: 936
    Chemical of Concern: AZ,DDT,HCCH,DLD,CBL,EN,DS; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(AZ,DDT,HCCH,DLD,CBL,EN,DS).

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    EcoReference No.: 13267
    Chemical of Concern:
    PCP,CPH,DZ,ES,Cd,PAQT,MP,PTP,MTL,ATZ,3CE,4CE,FA,ISO,EN,SZ,NH,DS; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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    EcoReference No.: 96086
    Chemical of Concern: ADC,PRT,DS,MTAS; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTAS),EFFICACY(ADC,PRT,DS).

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    EcoReference No.: 96421
    Chemical of Concern: DS; Habitat: T; Effect Codes: CEL,GRO,BEH,PHY; Rejection Code: NO ENDPOINT(DS).

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    EcoReference No.: 10536
    Chemical of Concern: CPY,DS,PMR,EFV; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,CPY).

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    EcoReference No.: 35259
    Chemical of Concern:
    ADC,DEM,DCTP,EN,EP,FNT,FNTH,MP,MVP,PAQT,PRN,PRT,PPHD,DZ,DS; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 96047
Chemical of Concern: PRT,DS,BMY; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(PRT,DS).

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EcoReference No.: 2238
Chemical of Concern: DS,MLN,PRN,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,MLN,PRN,DDT).

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EcoReference No.: 79771
Chemical of Concern: DS,CBF; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(DS,CBF).

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EcoReference No.: 94957
Chemical of Concern: CPY,CBL,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(CPY,CBL,DS).

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EcoReference No.: 70074
Chemical of Concern:
24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,DEM,DINO,DLD,DMB,DMT,DOD,DPP1,DQTBr,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MCPP1MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPP,CPY,CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTBr,DU,DZM,EP,EPTC,ES,FMU,FNF,FNT,Folpet,HCCH,HPT,LNR,MCB,MCPP1,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO CONTROL(ALL CHEMS).

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EcoReference No.: 64685
Chemical of Concern: CMZ,DS; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(CMZ,DS).

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EcoReference No.: 74702
Chemical of Concern: PRT,ACP,ADC,DMT,DS,PTBNa,CBL; Habitat: T; Effect Codes: PHY,GRO,POP; Rejection Code: LITE EVAL CODED(ACP,ADC,CBL,DMT),NO

MIXTURE(DS,PRT,PTBNa).

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EcoReference No.: 96462; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(DS).

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EcoReference No.: 95417
Chemical of Concern: DS; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 96685
Chemical of Concern: ADC,PRT,DS,PCNB,Captan; Habitat: T; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(ADC,PRT,DS,Captan).

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EcoReference No.: 96723
Chemical of Concern: DZ,DS,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DZ,DS,CBL).

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EcoReference No.: 93272
Chemical of Concern:
DS,PRT,AZ,MLN,DMT,PRN,CMPH,DDVP,MVP,DCTP,TCF,MLO,TBF,FNTH,MP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS,PRT,AZ,MLN,DMT,MLO,TBF,MP).

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EcoReference No.: 96080
Chemical of Concern: CBF,DZ,DS,MOM; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: NO ENDPOINT(CBF,DZ,DS,MOM).

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EcoReference No.: 51209
Chemical of Concern: DS,CPY,CBF,DZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS,CPY,CBF,DZ).

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EcoReference No.: 79810
Chemical of Concern: DZM,DS,DMT,CBF,PRT,FML; Habitat: T; Effect Codes: POP,REP;

Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 6548
Chemical of Concern: DS,DZ,HCCH,CBL,DLD,DMT,DDT,FNT,MLN,Captan,ALSV; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS) .

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EcoReference No.: 63742
Chemical of Concern:
Naled,DDVP,ACP,PHSL,AZ,PSM,DMT,CPY,CPYM,MP,FNTH,FNT,DS,DZ,MLN; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(Naled,ACP,AZ,PSM,DMT,CPY,PYM,MP,DS,DZ,MLN).

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EcoReference No.: 80383
Chemical of Concern: DZM,CBF,DS,ACY,MOM,ADC; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

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EcoReference No.: 96681
Chemical of Concern: DS; Habitat: T; Effect Codes: GRO,POP,BCM; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 8020
Chemical of Concern: DDT,MP,AZ,CBL,DS; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL,NO ENDPOINT(DDT,MP,AZ,CBL,DS).

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EcoReference No.: 13823
Chemical of Concern: BrCl,Cl; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(BrCl),OK(ALL CHEMS),NO COC(DS).

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EcoReference No.: 78908
Chemical of Concern: PRT,DMT,DS; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

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Rhizosphere Microflora of Cotton Plants. I. Insecticides and Fungicides. *Egypt.J.Microbiol.* 7: 39-52.

EcoReference No.: 96722
Chemical of Concern: DS; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS).

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EcoReference No.: 95542
Chemical of Concern: DS,PMR,PMT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DS,PMR).

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EcoReference No.: 56301
Chemical of Concern: ATZ,DS; Habitat: A; Effect Codes: MOR,CEL,REP,BEH,PHY; Rejection Code: NO FOREIGN(ALL CHEMS),NO CONTROL(DS).

80. 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,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MTAS,OXD,PEPPG,TBF,CPYM,FLU; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL
CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,CuS, DOD,NaN3,DMB,RSM,CaPS,MCPB,
NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO
CONTROL(LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,Naled,BS,OXD,Captan,MLN,HXZ,TBF).

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EcoReference No.: 37861
Chemical of Concern: PRT,DS,OXD,AZ; Habitat: T; Effect Codes: MOR,BCM,;HY; Rejection Code: NO CONTROL, ENDPOINT(PRT,DS,OXD,AZ).

82. Menzer, R. E. and Ditman, L. P. (1968). Residues in Spinach Grown in Disulfoton- and Phorate-Treated Soil. *J.Econ.Entomol.* 61: 225-229.

EcoReference No.: 46437
Chemical of Concern: DS,PRT,CBL; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CBL).

83. Misra, S. G. and Gupta, A. K. (1982). Effect of Pesticides on Protein Fractions During Germination of Mung. *Natl.Acad.Sci.Lett.* 5: 411-414.

EcoReference No.: 96712
Chemical of Concern: PRT,DS; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(PRT,DS).

84. Misra, S. S. and Agrawal, H. O. (1992). Persistence of Phorate and Disulfoton Residues in Potatoes Grown in North-Western Hills. *Indian J.Plant Prot.* 20: 138-143.

EcoReference No.: 78828
Chemical of Concern: PRT,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PRT,DS).

85. Misra, S. S. and Agrawal, H. O. (1989). Phorate and Disulfoton Residues in Potatoes Grown in North-Western Plains of India. *Trop.Agric.* 66: 317-320 .

EcoReference No.: 95428
Chemical of Concern: PRT,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(PRT,DS).

86. Misra, S. S. and Dikshit, A. K. (1990). Uptake and Translocation of Granular Systemic Insecticides in Potato Foliage. *Indian J.Plant Prot.* 18: 241-244.

EcoReference No.: 87135
Chemical of Concern: ADC,CBF,DS,PRT; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).

87. Mount, M. E. and Oehme, F. W. (1981). Brain Cholinesterase Activity in Healthy Cattle, Swine, and Sheep and in Cattle and Sheep Exposed to Cholinesterase-Inhibiting Insecticides. *Am.J.Vet.Res.* 42: 1345-1350.

EcoReference No.: 95301
Chemical of Concern: DS,CBL,CBF; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DS,CBL,CBF).

88. Mumtaz, M., Nasir, N., Osmani, M., and Baig, M. (1985). Monitoring of Disulfoton (Disyston) and Phorate (Thimet) Residues on Cotton Crop After Granular Application. *Pak.J.Sci.Ind.Res.* 28: 42-44.

EcoReference No.: 79058
Chemical of Concern: PRT,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PRT,DS).

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EcoReference No.: 32426
Chemical of Concern: DU,DS,PRT; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(DU),NO MIXTURE(DS,PRT).

90. Nash, R. G. and Harris, W. G. (1973). Screening for Phytotoxic Pesticide Interactions. *J.Environ.Qual.* 2: 493-497.

EcoReference No.: 52580
Chemical of Concern: SZ,ATZ,DS; Habitat: T; Effect Codes: PHY; Rejection Code: NO MIXTURE(SZ,DS),TARGET(ATZ).

91. Natarajan, P. and Subramaniam, T. R. (1977). Estimation of Residues of Some Granular Insecticides in Tobacco. *Pesticides* 11: 35-36.

EcoReference No.: 96687
Chemical of Concern: CBF,DS,ADC,PRT,DMT; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(CBF,DS,ADC,PRT,DMT).

92. Nath, V. and Srivastava, A. S. (1980). Relative Toxicity of Some Insecticides to the Final Instar Grubs of Holotrichia consanguinea Blanch. *Indian J.Entomol.* 42: 667-670.

EcoReference No.: 79350
Chemical of Concern: PRT,DS,HCCH,HPT,AND,DLD,ES,CHD,TXP; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(DS).

93. Nebeker, A. V. and Gaufin, A. R. (1964). Bioassays to Determine Pesticide Toxicity to the Amphipod Crustacean, Gammarus lacustris. *Proc.Utah Acad.Sci.* 4: 64-67.

EcoReference No.: 2094
Chemical of Concern: EDT,AZ,DS,MLN,RTN,EN,DLD,PRN,DDT,AND,Cu; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(RTN,OW-TRV-Cu),OK(ALL CHEMS),NO CONTROL(DS,MLN).

94. Oblisami, G., Balaraman, K., Natarajan, T., and Kulandaivelu, R. (1977). Effect of Organophosphorus Insecticides on Soil Microflora, Nodulation and Yield of Groundnut. *Madras Agric.J.* 64: 375-378.

EcoReference No.: 96726
Chemical of Concern: DS; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(DS).

95. Panda, B. B. and Sharma, R. (1979). Organophosphate Induced Chlorophyll Mutations in Hordeum vulgare. *Theor.A.Gen.* 55: 253-255.

EcoReference No.: 43897
Chemical of Concern: DS,MP,OXD; Habitat: T; Effect Codes: CEL,MOR; Rejection Code: NO ENDPOINT(MP,OXD),NO ENDPOINT,NO CONTROL(DS).

96. Parkash, O. and Verma, A. N. (1983). Effect of pre and Transplanting Time Soil Applications of Dimethoate and Disulfoton Granules on the Residues of These Insecticides in/on Brinjal Fruits. *Indian J.Entomol.* 45: 16-19.

EcoReference No.: 75177
Chemical of Concern: DMT,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

97. Pawar, S. S. and Fawade, M. M. (1978). Alterations in the Toxicity of Thiodemeton due to the Pretreatment of Inducers, Substrates and Inhibitors of Mixed Function Oxidase System. *Environ.Contam.Toxicol.* 20: 805-810.

EcoReference No.: 38279
Chemical of Concern: DS; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(DS).

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EcoReference No.: 2893
Chemical of Concern: MP,MLN,AZ,PRN,DZ,DEM,DS; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,MLN,MP),OK(AZ,PRN,DZ,DEM).

99. Proctor, N. H., Moscioni, A. D., and Casida, J. E. (1976). Chicken Embryo NAD Levels Lowered by Teratogenic Organophosphorus and Methylcarbamate Insecticides. *Biochem.Pharmacol.* 25: 757-762.

EcoReference No.: 84915
Chemical of Concern: PPHD,DCTP,CBL,PRN,MP,PSM,DZ,CBL,CBF,ADC,MTM,Naled,DS,TBF; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

100. Rafiq, M. and Afzal, M. (1988). Contribution of Some Sorghum Production Factors to Yield and Economic Return. *Pak.J.Agric.Res.* 9: 155-160.

EcoReference No.: 90983
Chemical of Concern: CBF,MTL; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: NO COC(Captan,DS),OK(MTL),NO CONTROL(CBF).

101. Rajukkannu, K., Vasudevan, P., Saivaraj, K., and Krishnamoorthy, K. K. (1977). Insecticide Residues in Greengram, Blackgram and Cowpea. *Pesticides* 11: 25-26.

EcoReference No.: 96686
Chemical of Concern: ADC,DS; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(ADC,DS).

102. Riedel, R. M., Peirson, D. Q., and Powell, C. C. (1973). Chemical Control of Foliar Nematodes (Aphelenchoides fragariae) on Rieger begonia. *Plant Dis.* 57: 603-605.

EcoReference No.: 96268
Chemical of Concern: BMY,OML,ADC,DS; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(ADC,DS).

103. Ripley, B. D., Ritcey, G. M., Harris, C. R., Denomme, M. A., and Lissemore, L. I. (2003). Comparative Persistence of Pesticides on Selected Cultivars of Specialty Vegetables. *J.Agric.Food Chem.* 51: 1328-1335.

EcoReference No.: 94882
Chemical of Concern: MZB,MLX,CBF,Captan,CYP,DMT,MLN,PSM,ES,PMR,FNV,DZ,PRN; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(MZB,CBF,Captan,CYP,DMT,MLN,PSM,PMR,FNV,DS).

104. Robinson, C. P., Smith, P. W., and Endecott, B. R. (1978). Depression of Cholinesterase Activity by Ethylestrenol in Organophosphorus-Poisoned and Normal Rats. *Toxicol.Appl.Pharmacol.* 44: 207-211.

EcoReference No.: 38540
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,MOR,GRO; Rejection Code: NO ENDPOINT(DS).

105. Rodriguez, J. G., Fahey, J. E., and Fernandez, C. E. (1968). Effect of Soil Systemic Insecticides on Flavor and Residue in Coffee. *J.Agric.Food Chem.* 16: 276-291.

EcoReference No.: 94955
Chemical of Concern: DCTP,PRT,DS; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT(DS,PRT).

106. Ryan, L. C., Endecott, B. R., Hanneman, G. D., and Smith, P. W. (1970). Effects of an Organophosphorus Pesticide on Reproduction in the Rat. *Dep.of Transportation, Fed.Aviation Admin., Off.of Aviation Med., AD 709327* 6 p.

EcoReference No.: 95968
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,REP; Rejection Code: NO ENDPOINT(DS).

107. Saivaraj, K., Rajukkannu, K., Subramaniam, T. R., and Krishnamoorthy, K. K. (1976). Residues of Insecticidal Application in Sorghum. *Madras Agric.J.* 63: 375-377.

EcoReference No.: 96719
Chemical of Concern: ADC,PRT,DS,CBF,PRN,ES; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(ADC,PRT,DS,CBF).

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

EcoReference No.: 885
Chemical of Concern: SZ,EDT,24DXY,AZ,CBL,CMPH,CPY,DBN,DMB,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PAQT,PRT,TFN,RTN,NaN3,ATN,OXD,Captan,TBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AZ,DZ,MLT,SZ,DMT,RTN,NaN3,DMB,PRT,ATN),NO CONTROL(DS,24DXY,CPY,MLN,Naled,OXD,Captan,TBF).

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

EcoReference No.: 889
Chemical of Concern: 24DXY,AZ,CBL,CPY,DBN,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PYN,TFN,RTN,As,NaN3,ATN,OXD,Captan,TBF; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,24DXY,CPY,TBF,Naled,OXD,Captan,MLN),LITE EVAL CODED(CBL,DZ,MLT,DMT,RTN,NaN3,ATN),OK(ALL CHEMS).

110. Sandhu, G. S. and Young, W. R. (1974). Chemical Control of Sorghum Shoot Fly in India. *Pesticides* 8: 35-36.

EcoReference No.: 96082
Chemical of Concern: ADC,PRT,DS; Habitat: T; Effect Codes: POP,REP,PHY; Rejection Code: NO ENDPOINT(ADC,PRT,DS).

111. Sandhu, S. S., Waters, M. D., Simmon, V. F., Mortelmans, K. E., Mitchell, A. D., Jorgenson, T., Jones, D. C. L., Valencia, R., and Stack, F. (1985). Evaluation of the Genotoxic Potential of Certain Pesticides Used in Pakistan. *Basic Life Sci.* 34: 185-219.

EcoReference No.: 89882
Chemical of Concern: PPN,DMB,24DXY,MZB,Zineb,Maneb,Captan,BMY,TCF,ACP,AZ,CBF,CPY,DZ,EN,MLN,MOM,MP,DS,FNTH,PMR,PRT,TFN,ETN; Habitat: T; Effect Codes: REP,CEL,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS),NO BACTERIA(DZ,EN,PMR,MZB,Maneb,Zineb,24DXY,PPN,TFN,ETN).

112. Satpathy, J. M. (1974). Effect of Soil Treatment with Granular Insecticides on Soil Micro-Organisms. *Indian J.Entomol.* 36: 139-141.

EcoReference No.: 60410
Chemical of Concern: DS,PRT,DZ; Habitat: T; Effect Codes: POP; Rejection Code: NO

ENDPOINT(DS,PRT,DZ).

113. Schafer, E. W. (1972). Acute Oral Toxicity of 369 Pesticidal, Pharmaceutical and Other Chemicals to Wild Birds. *Toxicol.Appl.Pharmacol.* 21: 315-330.

EcoReference No.: 38655
Chemical of Concern:
Ziram,AN,BZO,BZC,Captan,THM,ZINEB,CYT,SFL,MAL,MRX,ACL,MLN,ABT,CBZ,MCB,CBL,CMPH,HCCH,EN,AND,ES,NP,TCF,CPY,DDVP,PPHD,DCTP,DS,PRT,DMT,AZ,PSM,ETN,DEM,DZ,FNTH,MP,NCTN; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO COC(4AP).

114. Schafer, E. W. Jr. and Bowles, W. A. Jr. (1985). Acute Oral Toxicity and Repellency of 933 Chemicals to House and Deer Mice. *Arch.Environ.Contam.Toxicol.* 14: 111-129.

EcoReference No.: 35426
Chemical of Concern:
ADC,CST,MOM,CPC,ZnP,DOD,MLN,Cu,AQS,CuCO,RSM,ACL,4AP,DZ,As,IAA,CBL,DNB,Captan,Folpet,CAP,DS; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS),NO CONTROL(DS).

115. Schafer, E. W. Jr., Bowles, W. A. Jr., and Hurlbut, J. (1983). The Acute Oral Toxicity, Repellency, and Hazard Potential of 998 Chemicals to One or More Species of Wild and Domestic Birds. *Arch.Environ.Contam.Toxicol.* 12: 355-382.

EcoReference No.: 38656
Chemical of Concern:
RSM,TBT,CBL,EN,PAH,ACL,PL,ES,AND,DZ,CPY,Sb,Pb,Zn,Cu,Tl,DLD,HCCH,APAC,4AP,DNB,DS,PSM,TBF; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

116. Sherekar, P. Y. and Kulkarni, K. M. (1988). Comparative Evaluation of Some Organophosphate Pesticide Toxicity to the Fish Channa orientalis. *Environ.Ecol.* 6: 877-880.

EcoReference No.: 799
Chemical of Concern: DS,MLN,MP,PPHD; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,MLN,MP,PPHD).

117. Singaram, P. and Manickam, T. S. (1980). Influence of Some Pesticides on the Availability of Nutrients to Brinjal (Solanum melongena). *Madras Agric.J.* 67: 24-27.

EcoReference No.: 96714
Chemical of Concern: CBF,DS,PRT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(CBF,DS,PRT).

118. Singaram, P. and Manickam, T. S. (1980). Influence of Some Pesticides on the Availability of Nutrients to Sorghum (Sorghum vulgare). *Madras Agric.J.* 67: 429-432.

EcoReference No.: 96720
Chemical of Concern: CBF,DS,PRT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(CBF,DS,PRT).

119. Singh, J., Sajjan, S. S., and Dhaliwal, G. S. (1983). Studies on the Chemical Control of Rice Root Weevil Echinocnemus oryzae Marshall in the Punjab. *Pesticides* 17: 40-42.

EcoReference No.: 95433
Chemical of Concern: CHD,DZ,EN,CBF,HCCH,CBL,PRT,DS; Habitat: T; Effect Codes: POP;

Rejection Code: NO CONTROL(DZ,CBF,CBL,PRT,DS).

120. Sithanantham, S. (1973). Effect of Seed Treatment with Systemic Insecticides on Germination and Seedling Development in Cotton. *Madras Agric.J.* 60: 280-284.

EcoReference No.: 96717
Chemical of Concern: DS,PRT,DMT,HCCH; Habitat: T; Effect Codes: REP,GRO; Rejection Code: NO ENDPOINT(DS,PRT,DMT).

121. Smith, F. F., Ota, A. K., and Boswell, A. L. (1970). Insecticides for Control of the Greenhouse Whitefly. *J.Econ.Entomol.* 63: 522-527.

EcoReference No.: 72077
Chemical of Concern: ES,DMT,CBF,PRT,DS,AZ,PRN,DZ,DDVP,ADC; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-AZ),TARGET(DS).

122. Sorour, F. A. (1968). Effect of Thimet and Di-Syston on Emergence, Growth and Fruiting of Cotton. *Agric.Res.Rev.* 46: 99-103.

EcoReference No.: 96727
Chemical of Concern: ADC,DS; Habitat: T; Effect Codes: REP,GRO,POP; Rejection Code: NO ENDPOINT(ADC,DS).

123. Spazier, E., Storch, V., and Braunbeck, T. (1992). Cytopathology of Spleen in Eel Anguilla anguilla Exposed to a Chemical Spill in the Rhine River. *Dis.Aquat.Org.* 14: 1-22.

EcoReference No.: 9275
Chemical of Concern: ATZ,Captan,DS,DDVP,FNT,PRN,PTP,ES,ODL,Zineb,Zn; Habitat: A; Effect Codes: CEL,ACC; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).

124. Srinivasa, N. and Verma, S. (1998). Effect of Basal Application of Phorate on Root Nodulation, Rhizosphere Microflora, Growth and Yield in Green Gram. *In: G.S.Dhaliwal, N.S.Randhawa, R.Arora, and A.K.Dhawan (Eds.), Ecological Agriculture and Sustainable Development, Vol.1/2, Int.Conf.on Ecol.Agric.: Towards Sustainable Development, Nov.15-17, 1997, Chandigarh, India, Indian Ecol.Soc., Ludhiana, India* 424-429.

EcoReference No.: 79056
Chemical of Concern: PRT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PRT),NO COC(ADC,DS).

125. Stavinoha, W. B., Rieger, J. A. Jr., Ryan, L. C., and Smith, P. W. (1966). Effects of Chronic Poisoning by an Organophosphorus Cholinesterase Inhibitor on Acetylcholine and Norepinephrine Content of the Brain. *Adv.Chem.Ser.No.* 60: 79-88.

EcoReference No.: 95429
Chemical of Concern: DS; Habitat: T; Effect Codes: BCM,PHY,GRO; Rejection Code: NO ENDPOINT(DS).

126. Stevens, J. T. and Greene, F. E. (1974). Alteration of Hepatic Microsomal Metabolism of Male Mice by Certain Anticholinesterase Insecticides. *Bull.Environ.Contam.Toxicol.* 11: 538-544.

EcoReference No.: 38928
Chemical of Concern: PRN,DS,CBL; Habitat: T; Effect Codes: BCM; Rejection Code: NO CONC(DS,CBL),OK(PRN).

127. Stevenson, J. H. (1970). Laboratory and Field Assessment of Pesticide Poisoning of Honeybees (Apis

mellifera) . *In: 5th Proc.Brit.Insectic.Fungic.Conf.* 2: 378-385.

EcoReference No.: 96450
Chemical of Concern: ES,DS,DDT,DZ,DLD,DMT,MLN,EN,CBL; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(DS,DZ,DMT,MLN,CBL).

128. Suett, D. L. (1986). Insecticide Residues in Commercially-Grown Quick-Maturing Carrots. *Food Addit.Contam.* 3: 371-376.

EcoReference No.: 79087
Chemical of Concern: PRT,DS,CBF; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

129. Suett, D. L. and Padbury, C. E. (1981). Influence of Some New Application Variables on Insecticide Behavior and Availability in Soil. *Proc., Br.Crop Prot.Conf.- Pests and Diseases* 11th: 157-164.

EcoReference No.: 96713
Chemical of Concern: PRT,DS,TBO,CBF; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(PRT,DS,CBF).

130. Suzuki, H. and Ishikawa, S. (1974). Ultrastructure of the Ciliary Muscle Treated by Organophosphate Pesticide in Beagle Dogs. *Br.J.Ophthalmol.* 58: 931-940 .

EcoReference No.: 95544
Chemical of Concern: DS; Habitat: T; Effect Codes: GRO,PHY,CEL; Rejection Code: NO ENDPOINT(DS).

131. Szeto, S. Y. and Brown, M. J. (1982). Gas-Liquid Chromatographic Methods for the Determination of Disulfoton, Phorate, Oxydemeton-Methyl, and Their Toxic Metabolites in Asparagus Tissue and Soil. *J.Agric.Food Chem.* 30: 1082-1086.

EcoReference No.: 94886
Chemical of Concern: DS,PRT,OXD; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(DS,OXD).

132. Szutowski, M. M. (1975). Effect of Carbon Tetrachloride on Activation and Detoxification of Organophosphorus Insecticides in the Rat. *Toxicol.Appl.Pharmacol.* 33: 350-355.

EcoReference No.: 39046
Chemical of Concern: CTC,FNT,DS,DDVP; Habitat: T; Effect Codes: PHY,ACC,BCM; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

133. Takase, I. and Oyama, H. (1985). Uptake and Bioconcentration of Disulfoton and its Oxidation Compounds in Carp, Cyprinus carpio L. *J.Pestic.Sci.* 10: 47-53.

EcoReference No.: 10856
Chemical of Concern: DS; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(DS).

134. Takeuchi, S., Matsuda, T., Kobayashi, S., Takahashi, T., and Kojima, H. (2006). In Vitro Screening of 200 Pesticides for Agonistic Activity via Mouse Peroxisome Proliferator-Activated Receptor (PPAR)alpha and PPARgamma and Quantitative Analysis of In Vivo Induction Pathway. *Toxicol.Appl.Pharmacol.* 217: 235-244.

EcoReference No.: 89206
Chemical of Concern:
AND,HCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DF

PM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,ETN,FMP,FNT,FNTH,GYP,IFP,MLN,MTM,MDT,MP,PRN,PRT,PHSL,PSM,PIRM,PFF,TBO,TVP,TCM,TCF,CYF,CYH,CYP,DM,EFX,FNV,FYT,FVL,PMR,PYN,TFT,TLM,BDC,BMY,CBL,CBD,CBF,CPP,MCB,MOM,MLT,OML,PHMD,PIM,TBC,THM,ACR,ASM,FTL,MLX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSF,DFZ,DU,LNR,PPN,AMZ,BPH,BTN,DZM,EXQ,FRM,FZN,ILL,IMC,IPD,MCPA,24DXY,PAQT,PDM,PCZ,SXD,TBAH,TPM,TDF,TFZ,TFN,TFR,VCZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: OK(ILL,PYN,DFPM),NO IN VITRO(ALL OTHER CHEMS).

135. Taylor, R. E. (1965). Di-Syston, Three Generation Rat Breeding Studies. *Harris Lab.Inc., Rep.No.17164* 34 p.

EcoReference No.: 96449
Chemical of Concern: DS; Habitat: T; Effect Codes: BEH,GRO,REP,PHY,CEL; Rejection Code: NO ENDPOINT(DS).

136. TenBrook, P. L. (2005). Clomazone: Toxicity, Biotransformation, Resistance and Interaction with P450 Inhibitors in Rice (Oryza sativa) and Watergrasses (Echinochloa spp.). *Ph.D.Thesis, Univ.California, Davis,CA* 78 p.

EcoReference No.: 88432
Chemical of Concern: DEM,DS,CMZ; Habitat: T; Effect Codes: GRO,ACC,BCM; Rejection Code: NO MIXTURE(DS),TARGET(CMZ).

137. Thomas, B. V. (1996). Organophosphate Insecticides: Metabolism, Excretion, Forensic and Mechanistic Investigations in Fish. *Ph.D.Thesis, Clemson Univ.:* 149 p.

EcoReference No.: 95974
Chemical of Concern: CPY,DS,PRT,DDVP,TBO,EP,DZ; Habitat: A; Effect Codes: BCM,ACC; Rejection Code: NO IN VITRO(CPY,DS,PRT,DZ).

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Chemical of Concern: CBL,HCCH,AND,AZ,DDT,DLD,MOM,EN,PRN,MP,DS,CBF,DZ,CPY,CHD,PRT,FNT,ADC,FNF,HPT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: ADC,CBF,DMT,DS,PRT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ADC,CBF,DMT,DS,PRT).

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Chemical of Concern: DS,PCP,HCCH; Habitat: AT; Effect Codes: ACC,POP; Rejection Code: NO CONTROL(PCP,HCCH),NO ENDPOINT,NO CONTROL(DS).

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Chemical of Concern: CPY,DS,DZ,MDT,FNTH,FNT,IFP; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(CPY,DS,DZ,MDT,FNTH,FNT,IFP).

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EcoReference No.: 39146
Chemical of Concern:
Zineb,TXP,THM,PRT,CBL,PPHD,PRN,Nabam,PCB,MP,MXC,MLN,HCCH,PSM,HPT,AZ,Folpet,EN,DMT,DLD,AND,FNT,ATN,ATZ,DCTP, Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(CBL,MP,MLN,AZ,DMT,ATZ,24DXY,DZ,DS,THM,PSM).

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

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EcoReference No.: 96396
Chemical of Concern:
PRT,HCCH,DS,DMT,DZ,CBF,FBM,BMY,PCNB,CAP,Captan,MZB,THM,Zineb,Ziram; Habitat: T; Effect Codes: GRO,REP,POP; Rejection Code: NO ENDPOINT(PRT,DS,DMT,DZ,CAP,Captan,MZB,THM,Ziram),NO COC(KMDC).

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EcoReference No.: 89613
Chemical of Concern: AZ,Captan,CPY,DEM,EN,MLN,MP,SID,24DXY,Maneb,MXC,BMC,DS; Habitat: T; Effect Codes: MOR,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 39321

Chemical of Concern: MVP,EP,DDT,TXP,DZ,DEM,PRN,MP,AZ,PRT,ADC,CBF,DS; Habitat: T; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 2134
Chemical of Concern: PRN,CMPH,DS,AZ,DZ,MLN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(AZ,DZ),NO CONTROL(MLN),OK(CMPH,PRN),NO ENDPOINT,NO CONTROL(DS).

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Chemical of Concern: AZ,DS,DZ,MLN,DEM,PRN; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(AZ,DS,DZ,MLN,DEM,PRN).

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EcoReference No.: 78833
Chemical of Concern: 13DPE,MTAS,MLX,MLX,OML,PRT,DS; Habitat: T; Effect Codes: GRO,MOR,POP; Rejection Code: NO MIXTURE(PRT),EFFICACY(MTAS,13DPE,DS).

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Chemical of Concern: CBF,DS,MOM,PRT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(CBF),NO ENDPOINT(MOM,PRT),NO ENDPOINT,NO CONTROL(DS).

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Chemical of Concern: ACP,Captan,CBL,CTN,DMT,DS,DZ,FO,HXZ,MDT,MLN,MOM,PPG,PSM,TET,CYP,FVL,PMR,TFR,Cu,CuS,PCP,IZP,MCPP1; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS),NO CONTROL(PSM,DS,CPYM,CPY,HXZ).

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Chemical of Concern: DMT,DS,CMZ,ADC,PRT; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(CMZ).

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Chemical of Concern: VCZ,MTL,CYR,TVP,MLT,MCPA,MTAS,Maneb,EFX,ATZ,AZ,CCA,DDP,DS,EPTC,EFX; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(MTL,CYR,MLT,MTAS,Maneb,EFX,ATZ,AZ,DS).

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