

Appendix M: List of Citations Accepted and Rejected by ECOTOX Criteria.

The citations in this appendix were considered for inclusion in ECOTOX. Citations include the ECOTOX Reference number, as well as rejection codes (if relevant). Reference in section H.1 include ETU (major degradate of mancozeb and maneb) related article accepted by ECOTOX and OPP and cited within this risk assessment and a brief description of the study. References in section H.2 were for articles relevant to mancozeb, maneb, and ETU, accepted by ECOTOX and OPP but were not cited within the risk assessment. References in section H.3 were articles relevant to mancozeb, maneb, and ETU related articles which were accepted by ECOTOX, but not by OPP. In order to be included in the ECOTOX database, papers must meet the following minimum criteria:

- (1) the toxic effects are related to single chemical exposure;
- (2) the toxic effects are on an aquatic or terrestrial plant or animal species;
- (3) there is a biological effect on live, whole organisms;
- (4) a concurrent environmental chemical concentration/dose or application rate is reported; and
- (5) there is an explicit duration of exposure.

Section H.4 includes the list of exclusion terms and descriptions for citations not accepted by ECOTOX. For mancozeb, maneb, and ETU, there were hundreds of references that were not accepted by ECOTOX for one or more of the reasons included in section H.4. A full list of the citations reviewed and rejected by the criteria for ECOTOX is listed in section H.5.

- the toxic effects are related to single chemical exposure;
- the toxic effects are on an aquatic or terrestrial plant or animal species;
- there is a biological effect on live, whole organisms;
- a concurrent environmental chemical concentration/dose or application rate is reported; and
- there is an explicit duration of exposure.

H.1. ECOTOX accepted study on ETU which was used qualitatively in the risk assessment.

The bolded number preceding the citation represents the ECOTOX reference number.

ECOTOX Record Number and Citation: 90116 George P. Datson, John M. Rogers, Donald J. Versteeg, Thomas D. Sabourin, Donald Baines, and Sarah S. Marsh- 1991. Interspecies Comparisons of A/D Ratios Are Not Constant across Species. Society of Toxicology.

Purpose of Review (DP Barcode or Litigation): Litigation

Date of Review: August 15, 2007

Summary of Study Findings: *Xenopus laevis* adult female and developmental stages were exposed to ETU via water column under static water conditions with daily renewal for 4 days. The developmental stages were from the blastulation (shortly after fertilization) to the free swimming tadpole stage. The adult toxic endpoint observed for was mortality. Concentrations were 0, 500, and 1000 mg/liter with 5 adults per concentration. Developmental stages were assessed for morphological developmental, growth (length), and death during development. Developmental concentrations were 0, 100, 250, 500, 750, and 100 mg/liter with 40 embryos per concentration. No adverse affects were observed at the highest concentration tested. The reason this study can only be used in a qualitative basis is because there was no indication if the gel was removed from the organisms during the blastulation stage; therefore, there is uncertainty regarding the amount of test substance the organism was actually exposed to.

Description of Use in Document (QUAL, QUAN, INV): Qualitative

H.2. Articles relevant to mancozeb, maneb, and ETU, accepted by ECOTOX and OPP but were not cited within the risk assessment because endpoints were less sensitive than existing data.

(H.2.) Mancozeb

1. Abbott, J. D., Bruton, B. D., and Patterson, C. L. (1991). Fungicidal Inhibition of Pollen Germination and Germ-Tube Elongation in Muskmelon. *Hortscience* 26: 529-530.

EcoReference No.: 63745

Chemical of Concern: CuOH,MZB,CTN,BMY; Habitat: T; Effect Codes: REP; Rejection Code: OK(CuOH,BMY),NO CROP(MZB,CTN).

2. Agrawal, S. C. (1987). Fungicidal Control of Stem Blight of Pigeonpea Caused by *Phytophthora drechsleri*-f-sp-Cajani. *Indian J.Plant Prot.* 15: 35-38.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

3. Ahad, S. F., Ali, N., and Shah, M. (1992). Effect of Nitrogen, Phosphorus, Potassium and Fungicidal Sprays on Fruit Quality and Yield of Apple. *Sarhad J.Agric.* 8: 167-174.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

4. Ahmed, I., Bashir, M., Khan, B., Hatim, M., and Sultani, M. I. (1987). Effect of Seed Dressing Fungicides on Yield and Yield Components of Wheat. *Pak.J.Agric.Res.* 8: 361-365.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

5. Al Najjar, N. R. and Soliman, A. S. (1980). Cytological Effects of Fungicides I. Mitotic Effects of Vitavax-200 and Dithane S-60 on Wheat and Two Related Species. *Cytologia (Tokyo)* 45: 163-168.

EcoReference No.: 46874

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP(MZB).

6. Alabi, O. and Emechebe, A. M. (1990). Field Evaluation of Seed Treatment and Foliar Spray Fungicides for the Control of Cowpea Brown Blotch Induced by *Colletotrichum capsici*. *Samaru J.Agric.Res.* 7: 151-158.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

7. Alagarsamy, G., Krishnamohan, G., and Jeyarajan, R. (1989). Field Evaluation of Fungicides Against Leaf Spot of Cotton Caused by *Alternaria macrospora* Zimm. *Indian J.Plant Prot.* 17: 105-106.

EcoReference No.: 90326

Chemical of Concern: MZB,CAP,Captan,IPD,TPM; Habitat: T; Effect Codes: POP; Rejection Code: OK(IPD,TPM),OK TARGET,NO CROP(CAP,MZB,Captan) .

8. Ali, S. A., Pathak, R. K., and Saraf, R. K. (1998). Fungicidal Seed Treatment in Coriander. *Adv.Plant Sci.* 11: 303-304.

EcoReference No.: 90455

Chemical of Concern: CBD,Captan,THM,MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBD,THM),OK TARGET(Captan,MZB).

9. Allen, T. W., Enebak, S. A., and Carey, W. A. (2004). Evaluation of Fungicides for Control of Species of *Fusarium* on Longleaf Pine Seed. *Crop Prot.* 23: 979-982.

EcoReference No.: 90919

Chemical of Concern: BMY,DFC,MZB,TBA; Habitat: T; Effect Codes: REP,POP; Rejection Code: LITE EVAL CODED(MZB).

10. Amer, M. A., Hoorne, D., and Poppe, J. (1993). In-Vivo Evaluation of Adjuvants for More Effective Control of Celery Leaf-Spot *Septoria-apiicola* and Powdery Mildew *Erysiphe-graminis* of Wheat with Fungicides. In: *3rd Int.Symp.on Adjuvants for Agrochemicals, Aug.3-7, 1992, Cambridge, England, UK, Pestic.Sci.* 37: 113-120.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

11. Andrieu, N., Jaworska, G., Genet, J.-L., and Bompeix, G. (2001). Biological Mode of Action of Famoxadone on *Plasmopara viticola* and *Phytophthora infestans*. *Crop Prot.* 20: 253-260.

EcoReference No.: 90210

Chemical of Concern: FDN,AZX,FZM,DMH,CMX,MZB; Habitat: T; Effect Codes: POP,REP; Rejection Code: OK TARGET(MZB),OK(FDN,AZX,FZM,DMH,CMX).

12. Arauz, L. F. and Sutton, T. B. (1990). Protectant and After-Infection Activity of Fungicides Against *Botryosphaeria obtusa* on Apple. *Plant Dis.* 74: 1029-1034.

EcoReference No.: 90001

Chemical of Concern: BMY,BTN,FUZ,MZB,TEZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(MZB).

13. Atamanalp, M. and Yanik, T. (2003). Alterations in Hematological Parameters of Rainbow Trout (*Oncorhynchus mykiss*) Exposed to Mancozeb. *Turk.J.Vet.Anim.Sci.* 27: 1213-1217.

EcoReference No.: 72218

Chemical of Concern: MZB; Habitat: A; Effect Codes: CEL; Rejection Code: LITE EVAL

CODED(MZB).

14. Atwood, S. T., Sheets, T. J., Sutton, T. B., and Leidy, R. B. (1987). Stability of Selected Pesticide Formulations and Combinations in Aqueous Media. *J.Agric.Food Chem.* 35: 169-172.

EcoReference No.: 90321

Chemical of Concern: AZ,MZB,Captan,PSM,CPY; Habitat: T; Effect Codes:

ACC,REP,GRO; Rejection Code: OK(AZ,PSM,CPY),OK TARGET(MZB,Captan).

15. Babu, T. R. and Azam, K. M. (1987). Toxicity of Different Fungicides to Adult *Cryptolaemus montrouzieri* Mulsant (Coleoptera: Coccinellidae). *Crop Prot.* 6: 161-162.

EcoReference No.: 77522

Chemical of Concern: CBD,TDF,MZB,CuS,CAP; Habitat: T; Effect Codes: MOR;

Rejection Code: LITE EVAL CODED(TDF,CAP,MZB),OK(CBD),NO MIXTURE(CuS).

16. Bajet, N. B., Renfro, B. L., and Valdez Carrasco, J. M. (1994). Control of Tar Spot of Maize and Its Effect on Yield. *Int.J.Pest Manag.* 40: 121-125.

EcoReference No.: 76494

Chemical of Concern: MZB,CBD,Captan,PCZ; Habitat: T; Effect Codes: POP,PHY;

Rejection Code: LITE EVAL CODED(PCZ),OK(CBD,Captan),NO CROP(MZB,Captan).

17. Balamuralikrishnan, M. and Jeyarajan, R. (1998). Effects of Fenarimol Sprays on Powdery Mildew Incidence in Grapevine. *J.Mycol.Plant Pathol.* 28: 181-188.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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

EcoReference No.: 90487

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

Habitat: T; Effect Codes: MOR,BEH,REP,POP; Rejection Code: LITE EVAL

CODED(MZB),OK(ALL CHEMS),OK TARGET(DMT).

19. Barwal, R. N. and Gupta, D. K. (1991). Seasonal Incidence and Control of Pod Borer (*Euborellia annulipes*) and *Cercospora* Leaf Spots in Groundnut. *Indian J.Plant Prot.* 19: 156-160.

EcoReference No.: 89847

Chemical of Concern: HCCH,CBL,MP,HPT,AND,CBD,MZB,Zineb,Ziram,CTN; Habitat:

T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK(ALL CHEMS).

20. Bashir, M. and Ilyas, M. B. (1986). Evaluation of Fungicides Against *Ascochyta* Gram Blight. *Pak.J.Bot.* 18: 147-152.

EcoReference No.: 70579

Chemical of Concern: TDF,TBA,BMY,CBX,CTN,MZB,PNB,Dino; Habitat: T; Effect

Codes: POP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK(ALL CHEMS).

21. Beauchamp, C. J., Morrall, R. A. A., and Slinkard, A. E. (1986). The Potential for Control of *Ascochyta* Blight of Lentil with Foliar-Applied Fungicides. *Can.J.Plant Pathol.* 8: 254-259.

EcoReference No.: 82945

Chemical of Concern:

FUZ,ILLS,PCZ,FRM,DINO,TPM,DOD,BMY,CAP,Folpet,CTN,MEM,MZB; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(CAP,Folpet,MZB,CTN),OK(ALL CHEMS),NO COC(ASCN,Captan).

22. Begum, H., Raj, R. B., and Satyanarayana, E. (1993). Field Evaluation of Five Fungicides to Control Turcicum Leaf Blight in Maize. *Indian J.Plant Prot.* 21: 110-111.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

23. Benigni, M. and Bompeix, G. (2006). Post Harvest Control of Phytophthora cryptogea of Witloof Chicory with Different Fungicides and Possible Occurrence of Resistant Strains. *Crop Prot.* 25: 350-355.

EcoReference No.: 90915

Chemical of Concern: MFX,AZX,MZB,FSTAI; Habitat: T; Effect Codes: POP,ACC; Rejection Code: LITE EVAL CODED(MZB).

24. Bernard, M. B., Horne, P. A., and Hoffmann, A. A. (2004). Developing an Ecotoxicological Testing Standard for Predatory Mites in Australia: Acute and Sublethal Effects of Fungicides on Euseius victoriensis and Galendromus occidentalis (Acarina: Phytoseiidae). *J.Econ.Entomol.* 97: 891-899.

EcoReference No.: 90319

Chemical of Concern: MZB,MEM,BSC,KRSM; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(MZB),OK(MEM,BSC,KRSM).

25. Bewick, T. A., Stall, W. M., Kostewicz, S. R., and Smith, K. (1990). Control of Solanum Americanum with Paraquat Impaired by Some Fungicides-Bactericides. *Hortscience* 25: 1407-1408.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

26. Bhardwaj, C. L. (1991). Efficacy and Economics of Fungicide Spray Schedules for the Management of Foliar and Fruit Diseases in Tomato. *Indian J.Mycol.Plant Pathol.* 21: 56-59.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

27. Bhardwaj, C. L. and Thakur, D. R. (1992). Fungicidal Management of Angular Leaf Spot of French Bean. *Indian J.Mycol.Plant Pathol.* 22: 232-235.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

28. Bhardwaj, L. N. and Gupta, V. K. (1998). Studies on Mycoflora Affecting Pinus gerardiana (Chilgoza) Seeds and Their Management. *Indian For.* 124: 252-255.

EcoReference No.: 90801

Chemical of Concern: CBD,MZB,TPM,BMY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB).

29. Bhardwaj, S. S. and Sharma, S. L. (1985). Chemical Control of Fruit Rot and Leaf Blight of Bell Pepper Capsicum annuum in India. *Agric.Ecosyst.Environ.* 14: 151-154.

User 1 Abbreviation: (ScienceDirect 1995-Present)

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

30. Bhat, A. A., Dhar, D. N., and Kher, H. L. (1989). Effect of Some Fungicides to Apis cerana indica

Foragers. *Environ.Ecol.* 7: 348-350.

EcoReference No.: 89836

Chemical of Concern: CBD,BMY,CAP,Captan,MZB,Maneb,Ziram; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(Maneb,MZB,CAP,Captan),OK(CBD,BMY,Ziram).

31. Bhatia, J. N. and Gangopadhyay, S. (1996). Studies on Chemical Control of White Rust Disease of Mustard. *Int.J.Pest Manag.* 42: 61-65.

EcoReference No.: 83226

Chemical of Concern: Captan,TDF,IPD,CBD,MLX,CTN,MZB; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: LITE EVAL CODED(CTN,MZB,Captan),OK(TDF,IPD,CBD,MLX),NO COC(MCPP1).

32. Bjorksten, T. A. and Robinson, M. (2005). Juvenile and Sublethal Effects of Selected Pesticides on the Leafminer Parasitoids *Hemiptarsenus varicornis* and *Diglyphus isaea* (Hymenoptera: Eulophidae) from Australia. *J.Econ.Entomol.* 98: 1831-1838.

EcoReference No.: 90318

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

33. Bland, C. E., Ruch, D. G., Salser, B. R., and Lightner, D. V. (1976). Chemical Control of *Lagenidium*, a Fungal Pathogen of Marine Crustacea. *NOAA Office of Sea Grant, Dep.of Commerce, State of North Carolina* 445-472.

EcoReference No.: 18810

Chemical of Concern: PNB,CuS,MZB,Captan,CAP,BMY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Captan,CAP,MZB),OK(PNB,CuS,BMY).

34. Blaszkowski, J. (1995). Biotic Effects of Mycoflora of Leaves, Glumes and Seeds on *Septoria nodorum* Following *Triticum aestivum* Treatment with Fungicides. *Acta Mycol.* 30: 223-232.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

35. Bordoloi, D. K., Paul, S. R., and Roy, A. (1997). Effect of Fungicidal Seed Treatment on Germination and Seedling Vigour of Sesame Seeds. *PKV Res.J.* 21: 177-178.

EcoReference No.: 91083

Chemical of Concern: CBD,CAP,MZB,CTN; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(CAP,MZB,CTN).

36. Bowen, K. L. and Pedersen, W. L. (1988). Effects of Propiconazole on *Exserohilum turcicum* in Laboratory and Field Studies. *Plant Dis.* 72: 847-850.

EcoReference No.: 90215

Chemical of Concern: PCZ,MZB; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: OK(PCZ),OK TARGET,NO CROP(MZB).

37. Brown, E. M. and Sutton, T. B. (1993). Time of Infection of *Gloeodes pomigena* and *Schizothyrium pomi* on Apple in North Carolina and Potential Control by an Eradicant Spray Program. *Plant Dis.* 77: 451-455.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

38. Buck, J. W. (2004). Combinations of Fungicides with Phylloplane Yeasts for Improved Control of *Botrytis cinerea* on Geranium Seedlings. *Phytopathology* 94: 196-202.
- EcoReference No.: 91046
Chemical of Concern: CTN,MZB,AZX,CuOH,FHX,FX,IPD,TPM,TFX,VCZ; Habitat: T; Effect Codes: POP,REP; Rejection Code: OK TARGET(CTN,MZB) .
39. Buck, J. W. and Williams-Woodward, J. L. (2003). The Effect of Fungicides on Urediniospore Germination and Disease Development of Daylily Rust. *Crop Prot.* 22: 135-140.
- EcoReference No.: 90921
Chemical of Concern: AZX,MYC,PCZ,FTL,TDF,CTN,MZB; Habitat: T; Effect Codes: POP,REP; Rejection Code: OK TARGET(CTN,MZB,PCZ,TDF).
40. Bujulu, J. and Lotasarwaki, J. (1986). The Effect of Fungicides and Foliar Fertilizers on Bean Rust. *East Afr.Agric.For.J.* 52: 112-121.
- EcoReference No.: 69321
Chemical of Concern: TFR,CuO,Cu,CuOH,OXC,MZB,MEM,CTN,BMY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TFR),OK(ALL CHEMS),OK TARGET,NO CROP(MZB,CTN).
41. Burchill, R. T. and Cook, M. E. (1975). The Control of Scab and Powdery Mildew of Apple with a Reduced Number of Sprays. *Plant Pathol.* 24: 194-198 .
- EcoReference No.: 72355
Chemical of Concern: BMY,TPM,Captan,CBD,MZB,Zineb,TFR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(Captan,MZB,TFR).
42. Carisse, O., Ouimet, A., Toussaint, V., and Philion, V. (2000). Evaluation of the Effect of Seed Treatments, Bactericides, and Cultivars on Bacterial Leaf Spot of Lettuce Caused by *Xanthomonas campestris* pv. *vitians*. *Plant Dis.* 84: 295-299.
- EcoReference No.: 90317
Chemical of Concern: MZB,CuOH,Zineb,CuS; Habitat: T; Effect Codes: REP; Rejection Code: OK(CuOH,Zineb,CuS),NO CROP(MZB).
43. Castillo-Pando, M. S., Nair, N. G., Emmett, R. W., and Wicks, T. J. (1997). Inhibition in Pycnidial Viability of *Phomopsis viticola* on Canes In Situ as an Aid to Reducing Inoculum Potential of Cane and Leaf Blight Disease of Grapevines. *Aust.Plant Pathol.* 26: 21-25.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
44. Castro, S., Vinocur, M., Permigiani, M., Halle, C., Taurian, T., and Fabra, A. (1997). Interaction of the Fungicide Mancozeb and *Rhizobium* sp. in Pure Culture and Under Field Conditions. *Biol.Fertil.Soils* 25: 147-151.
- EcoReference No.: 90926
Chemical of Concern: MZB; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: NO CROP(MZB).
45. Cerkaskas, R. F. and McGarvey, B. D. (1988). Fungicidal Control of Phoma Canker of Parsnip. *Can.J.Plant Pathol.* 10: 252-258.
- EcoReference No.: 90798
Chemical of Concern: CTN,Maneb,MZB,IPD,Cu; Habitat: T; Effect Codes:

POP,REP,ACC; Rejection Code: OK TARGET(CTN,Maneb,MZB).

46. Chakrabarty, P. K. (1993). Chemical Management of Curd-Rot Complex of Cauliflower (Brassica oleracea convar botrytis var. botrytis). *Indian J.Agric.Sci.* 63: 50-55.

EcoReference No.: 82941

Chemical of Concern: CBD,THM,BRA,CAPTAN,MZB,TPM,TDF; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO COC(ASCN),TARGET(MZB,Captan).

47. Chaudhari, S. M. and Patel, A. J. (1987). Chemical Control of Alternaria Blight and Ramularia Blight of Fennel (Foeniculum vulgare). *Indian J.Mycol.Plant Pathol.* 17: 348-350.

EcoReference No.: 91259

Chemical of Concern: CAP,MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CAP,MZB).

48. Cheema, H. S., Chakravarti, B. P., and Thakore, B. B. L. (1987). Effect of Opium Poppy Seed Treatments with Dithiocarbamates on Germination; Host Vigour and Viability of Seeds in Storage. *Indian J.Plant Pathol.* 5: 180-183.

EcoReference No.: 90909

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

49. Cherry, A. J., Sotherton, N. W., and Wratten, S. D. (1992). The Sub-Lethal Effects of Foliar Fungicides on the Mustard Beetle *Phaedon cochleariae* (F.) (Col., Chrysomelidae). *J.Appl.Entomol.* 114: 510-519.

EcoReference No.: 90531

Chemical of Concern: MZB,CBD,CAP,CTN,PCZ; Habitat: T; Effect Codes: MOR,REP,BEH; Rejection Code: LITE EVAL CODED(MZB,CAP,CTN).

50. Childers, C. C. (1990). Combination Studies of Selected Acaricides with Zineb, Mancozeb, or Carbamate for Mite Control on Citrus. *Int.J.Acarol.* 16: 27-36.

EcoReference No.: 90814

Chemical of Concern: CPY,Zineb,MZB,DCF,ETN; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB),OK(TARGET-CPY).

51. Chongo, G., Buchwaldt, L., Gossen, B. D., LaFond, G. P., May, W. E., Johnson, E. N., and Hogg, T. (2003). Foliar Fungicides to Manage Ascochyta Blight [*Ascochyta rabiei*] of Chickpea in Canada. *Can.J.Plant Pathol.* 25: 135-142 .

EcoReference No.: 81489

Chemical of Concern: AZX,CTN,MZB; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(AZX),NO CROP(MZB,CTN).

52. Choulwar, A. B. and Datar, V. V. (1992). Management of Tomato Early Blight with Chemicals. *J.Maharashtra Agric.Univ.* 17: 214-216.

EcoReference No.: 83295

Chemical of Concern: Zineb,Ziram,MZB,CBD,TPM,IPD,CAP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET,NO CROP(MZB,CAP),OK(ALL CHEMS).

53. Christ, B. J. (1990). Influence of Potato Cultivars on the Effectiveness of Fungicide Control of Early

Blight. *Am.Potato J.* 67: 419-426.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

54. Chung, A.-H. and Pyo, M.-Y. (2005). Effects of Mancozeb on the Activities of Murine Peritoneal Macrophages In Vitro and Ex Vivo. *Arch.Pharm.Res.* 28: 100-105 .

EcoReference No.: 90374

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

55. Clifford, D. P. and Carson, C. M. (1988). The Synthesis and Biological Activity of Some Potentially Fungicidal Zinc Ethylenebis (dithiocarbamate): Amine Complexes. *Pestic.Sci.* 23: 93-102.

EcoReference No.: 91049

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

56. Cock, L. J. (1990). Potato Blight. In: J.S.Gunn (Ed.), *Crop Protection Handbook: Potatoes, BCPC (Br.Crop Prot.Counc.), Surrey, England, UK* 35-58.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

57. Cohen, Y. and Samoucha, Y. (1989). Selection for Metalaxyl Resistance in Potato Crops Infected with Phytophthora-infestans Effects of Fungicides and Initial Frequency of Resistant Sporangia. *Plant Pathol.(Lond.)* 38: 382-390.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

58. Conner, R. L. and Kuzyk, A. D. (1988). Effectiveness of Fungicides in Controlling Stripe Rust Leaf Rust and Black Point in Soft White Spring Wheat. *Can.J.Plant Pathol.* 10: 321-326.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

59. Conway, K. E., Motes, J. E., Bostian, B., Fisher, C. G., and Claypool, P. L. (1987). Cercospora Blight Development on Asparagus Fern and Effects of Fungicides on Disease Severity and Yield. *Plant Dis.* 71: 254-258.

EcoReference No.: 72665

Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK TARGET,NO CROP(CTN,MZB).

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EcoReference No.: 75326

Chemical of Concern: CLNB,FSTAI,MZB,MLX,PPM; Habitat: T; Effect Codes: POP; Rejection Code: OK(CLNB,FSTAI,MLX,PPM),OK TARGET(MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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on Organophosphate-Resistant Strains of the Orchard Predatory Mite Typhlodromus pyri on Apple. *Crop Prot.* 13: 39-44.

EcoReference No.: 90375

Chemical of Concern: Captan,CYP,PIRM,CPY,CBL,BMY,TPM,Zn,Maneb,MZB,DINO;

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

CODED(Captan,MZB),OK(DINO,TPM,BMY),OK TARGET(CYP,PIRM,CPY,CBL),NO MIXTURE(Maneb,Zn).

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EcoReference No.: 90841

Chemical of Concern: TPM,CBD,MZB; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 89782

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

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EcoReference No.: 90839

Chemical of Concern: CBD,MZB,THM,Ziram; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB),OK(THM).

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EcoReference No.: 64641

Chemical of Concern: CTN,MZB; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CROP(CTN,MZB).

69. Dillard, H. R., Johnston, S. A., Cobb, A. C., and Hamilton, G. H. (1997). An Assessment of Fungicide Benefits for the Control of Fungal Diseases of Processing Tomatoes in New York and New Jersey . *Plant Dis.* 81: 677-681.

EcoReference No.: 81432

Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CROP(MZB,CTN), NO COC(BFT).

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J.Mycol.Plant Pathol. 27: 32-34.

EcoReference No.: 90810

Chemical of Concern: CU,CBD,MZB,PCZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB),OK(PCZ).

71. Dodan, D. S., Singh, R., and Sunder, S. (1996). Efficacy of Fungitoxicants Against Sheath Rot of Rice. *Indian J.Mycol.Plant Pathol.* 26: 283-284.

EcoReference No.: 90807

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

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EcoReference No.: 90908

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

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 61841

Chemical of Concern: MZB,Maneb,ETU; Habitat: T; Effect Codes: BCM,MOR,GRO; Rejection Code: LITE EVAL CODED(ETU,MZB),NO ENDPOINT(Maneb).

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EcoReference No.: 90126

Chemical of Concern: MZB,BMY; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(MZB).

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EcoReference No.: 90918

Chemical of Concern: MZB,Maneb,CTN; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB,Maneb,CTN).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 90911

Chemical of Concern: SFR,EEEBC,MZB; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET,NO CROP(MZB).

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EcoReference No.: 90316

Chemical of Concern: FZN,MLX,MZB,CTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(FZN,MLX),OK TARGET,NO CROP(MZB,CTN).

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EcoReference No.: 90799

Chemical of Concern: CAP,CTN,IPD,MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CAP,CTN,MZB).

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EcoReference No.: 82690

Chemical of Concern: FZN,MZB,ZnO; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO CROP(MZB),OK(FZN,ZnO).

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EcoReference No.: 90910

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

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EcoReference No.: 83662

Chemical of Concern: MZB; Habitat: T; Effect Codes: BCM,PHY,CEL; Rejection Code: NO CROP(MZB).

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EcoReference No.: 89640

Chemical of Concern: MZB; Habitat: A; Effect Codes: BCM,CEL; Rejection Code: LITE

EVAL CODED(MZB).

86. Filajdic, N. and Sutton, T. B. (1992). Chemical Control of Alternaria Blotch of Apples Caused by *Alternaria mali*. *Plant Dis.* 76: 126-130.

EcoReference No.: 90214

Chemical of Concern: Captan,IPD,MZB,BMY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB,Captan)OK(IPD,BMY).

87. Floyd, C. N. (1988). Control and Effect of Leaf Scab (*Elsinoe batatas*) in Sweet Potato. *Trop.Agric.* 65: 6-8.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 90845

Chemical of Concern: FSTAI,MZB,MLX; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MZB).

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EcoReference No.: 90829

Chemical of Concern: CBD,TPM,CTN,MZB,CAP,Captan; Habitat: T; Effect Codes: REP,MOR,POP; Rejection Code: NO CROP(CTN,MZB,Captan),OK(CAP).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

91. Godika, S., Jain, J. P., and Pathak, A. K. (2001). Evaluation of Fungitoxicants Against Alternaria Blight and White Rust Diseases of Indian Mustard (*Brassica juncea*). *Indian J.Agric.Sci.* 71: 497-498.

EcoReference No.: 90328

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

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 87083

Chemical of Concern: MZB,DMH,KLN; Habitat: T; Effect Codes: GRO; Rejection Code:

NO COC(PYPG),OK(MZB,DMH,KLN),TARGET(MZB).

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EcoReference No.: 82041

Chemical of Concern:

CPY,ATZ,DMB,MTL,DEAC,PDM,MCPPI,TBO,PMR,CTN,MZB,NHN,24DXY,DDT;

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

CODED(CTN,MZB,MTL,MCPPI,ATZ),OK(ALL CHEMS).

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EcoReference No.: 90832

Chemical of Concern: CAP,MZB,THM,CBD; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(CAP,MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 64567

Chemical of Concern: TBA,DM,Maneb,MZB,ETU,Mn,MTSM,CBD,DMT; Habitat: A;

Effect Codes: BCM,ACC; Rejection Code: LITE EVAL CODED(Maneb,MZB,ETU,DMT).

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EcoReference No.: 76497

Chemical of Concern: MZB,TDF,PCZ,BMY; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PCZ,TDF),NO MIXTURE(BMY),NO CROP(MZB).

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EcoReference No.: 90528

Chemical of Concern: MZB,Captan,FUZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(Captan,MZB).

100. Harris, M. L., Chora, L., Bishop, C. A., and Bogart, J. P. (2000). Species-and Age-Related Differences in Susceptibility to Pesticide Exposure for Two Amphibians, *Rana pipiens*, and *Bufo americanus*. *Bull.Environ.Contam.Toxicol.* 64: 263-270.

EcoReference No.: 49995

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

101. Hemavathi, E. and Rahiman, M. A. (1996). A Comparative Mutagenicity Study of the Three

- Carbamate Fungicides Ziram, Thiram and Dithane M-45. *J.Environ.Biol.* 17: 171-180.
- EcoReference No.: 59465
Chemical of Concern: Ziram,THM,MZB; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MZB),OK(Ziram,THM).
102. Hiriyanna and Subramanya, G. (1996). Effect of Certain Fungicides on the Induction of Dominant Lethals in Silkworm, Bombyx mori L. *J.Environ.Biol.* 17: 273-277.
- EcoReference No.: 50203
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
103. Hiriyanna and Subramanya, G. (2000). Mutagenic Nature of Dithane-M45 Through Specific Locus Test on Mulberry Silkworm Bombyx mori L. *J.Environ.Biol.* 21: 203-206.
- EcoReference No.: 58743
Chemical of Concern: MZB; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
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- EcoReference No.: 90432
Chemical of Concern: MZB,IPD,BMY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB,IPD,BMY).
105. Hore, S. K., Maiti, S. K., Chauhan, H. V. S., Gupta, N., and Koley, K. M. (1997). Effect of Long Term Exposure of Mancozeb on Clinico-Haemato-Biochemical and Pathological Changes in Rats. *Indian Vet.J.* 74: 26-28.
- EcoReference No.: 79482
Chemical of Concern: MZB; Habitat: T; Effect Codes: BCM,CEL,GRO,BEH,MOR; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 90000
Chemical of Concern: TDF,BMY,MZB,CuOH; Habitat: T; Effect Codes: GRO; Rejection Code: OK(TDF,BMY,CuOH),OK TARGET(MZB).
107. Hunje, R. V., Kulkarni, G. N., Shashidhara, S. D., and Vyakaranahal, B. S. (1990). Effect of Insecticide and Fungicide Treatment on Cowpea Seed Quality. *Seed Res.* 18: 90-92.
- EcoReference No.: 89009
Chemical of Concern: MLN,HCCH,MZB,THM; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK(HCCH,THM),NO CROP(MLN,MZB).
108. Hunsche, M., Bringe, K., Schmitz-Eiberger, M., and Noga, G. (2006). Leaf Surface Characteristics of Apple Seedlings, Bean Seedlings and Kohlrabi Plants and Their Impact on the Retention and Rainfastness of Mancozeb. *Pest Manag.Sci.* 62: 839-847.
- EcoReference No.: 90422
Chemical of Concern: MZB; Habitat: T; Effect Codes: ACC,CEL; Rejection Code: NO CROP(MZB).

109. Hwang, E. S., Cash, J. N., and Zabik, M. J. (2002). Degradation of Mancozeb and Ethylenethiourea in Apples due to Postharvest Treatments and Processing. *J.Food Sci.* 67: 3295-3300.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
110. Inglis, D. A., Powelson, M. L., and Dorrance, A. E. (1999). Effect of Registered Potato Seed Piece Fungicides on Tuber-Borne Phytophthora infestans. *Plant Dis.* 83: 229-234.
- EcoReference No.: 90074
Chemical of Concern: TPM,MZB; Habitat: T; Effect Codes: REP,POP,GRO; Rejection Code: OK(TPM),OK TARGET(MZB).
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- EcoReference No.: 90529
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(MZB).
112. Jalali, S. K. and Singh, S. P. (1995). Effect of Pesticide on Mortality and Parasitizing Ability of Parasitoid Aphytis Species of San Jose Scale (Quadraspidiotus perniciosus). *Indian J.Agric.Sci.* 65: 617-620.
- EcoReference No.: 90447
Chemical of Concern: MZB,DMT,PPHD,FNV,CBD,CAP,Captan; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(CAP,Captan,MZB),OK(DMT,PPHD,FNV,CBD).
113. James, D. G. (1989). Effect of Pesticides on Survival of Amblyseius victoriensis (Womersley), an Important Predatory Mite in Southern New South Wales Peach Orchards. *Plant Prot.Q.* 4: 141-143.
- EcoReference No.: 89784
Chemical of Concern:
Zineb,CBD,MZB,BMY,AZ,CBL,PSM,MLN,ES,CTZ,HTX,OTQ,PPG,DCF,IPD,CTN;
Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(CTN,MZB),OK(ALL CHEMS),OK TARGET(AZ,CBL,PSM,MLN,HTX).
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- EcoReference No.: 67984
Chemical of Concern:
CaPS,BMY,CBD,CTN,MZB,FRM,IPD,MLX,Cu,PCZ,TDM,VCZ,Zineb,Ziram,CuOH,AZ,CBL,CPY,DZ,DMT,ES,MLN,MDT,DCF; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CaPS,CTN,MZB),OK(ALL CHEMS),OK TARGET(DZ,AZ,CBL,MLN).
115. Jaros-Su, J., Groden, E., and Zhang, J. (1999). Effects of Selected Fungicides and the Timing of Fungicide Application on Beauveria bassiana-Induced Mortality of the Colorado Potato Beetle (Coleoptera: Chrysomelidae). *Biol.Control* 15: 259-269.
- EcoReference No.: 46476
Chemical of Concern: CuOH,CTN,MZB; Habitat: T; Effect Codes: PHY,MOR,REP;

Rejection Code: LITE EVAL CODED(CTN,MZB),OK(CuOH).

116. Jarrard, H. E., Delaney, K. R., and Kennedy, C. J. (2004). Impacts of Carbamate Pesticides on Olfactory Neurophysiology and Cholinesterase Activity in Coho Salmon (*Oncorhynchus kisutch*). *Aquat.Toxicol.* 69: 133-148.

EcoReference No.: 74541

Chemical of Concern: CBF,MZB,IPB; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(CBF,MZB),OK(IPB),NO COC(Maneb).

117. Jeffers, S. N. (1991). Effects of Fungicides Applied During Bloom on Yield, Yield Components, and Storage Rots of Cranberry. *Plant Dis.* 75: 244-250.

EcoReference No.: 90315

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

118. Jeffers, S. N. (1992). Preplant Root Treatments to Reduce the Incidence of Phytophthora spp. on Dormant Apple Rootstocks. *Plant Dis.* 76: 12-19.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

119. Jeffrey, K. K., Lipps, P. E., and Herr, L. J. (1985). Seed-Treatment Fungicides for Control of Seedborne *Alternaria helianthi* on Sunflower. *Plant Dis.* 69: 124-126.

EcoReference No.: 72714

Chemical of Concern: TDF,TBA,BMY,THM,MZB,IPD,CTN,Captan; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(ALL CHEMS),NO CROP(MZB,Captan,CTN).

120. Jones, R. K. (2000). Assessments of Fusarium Head Blight of Wheat and Barley in Response to Fungicide Treatment. *Plant Dis.* 84: 1021-1030.

EcoReference No.: 90212

Chemical of Concern: BMY,MZB,CBD,TEZ,DFC,FNB,FX,AZX,PCZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(MZB),OK(ALL CHEMS).

121. Jordan, M. M., Maude, R. B., and Burchill, R. T. (1990). Tests of Fungicides for the Control of Leaf Blotch Diseases: *Cladosporium allii* of Leek and *C. allii-cepae* of Onion. *Crop Prot.* 9: 367-370.

EcoReference No.: 91263

Chemical of Concern: PCZ,CAP,TDF,FRM,IPD,CTN,BMY,MLX,TFR,MZB,Maneb; Habitat: T; Rejection Code: OK TARGET(ALL CHEMS),NO MIXTURE(Maneb).

122. Kable, P. F. (1978). Fungicides for Control of Brown Rot of Stone Fruits. *Tech.Bull., Dep.of Agric., New South Wales* 16: 20 p.

EcoReference No.: 90968

Chemical of Concern:

TFR,DCNB,Ziram,THM,TPM,TPE,TBA,MEM,BMY,Captan,CBX,CAP,CTN,Folpet,MZB, OXC; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(THM,TFR,CBX,Captan,CAP,CTN,Folpet,MZB).

123. Kackar, R., Srivastava, M. K., and Raizada, R. B. (1997). Studies on Rat Thyroid After Oral Administration of Mancozeb: Morphological and Biochemical Evaluations. *J.Appl.Toxicol.* 17: 369-375.

- EcoReference No.: 90445
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,GRO,PHY,CEL,BCM;
Rejection Code: LITE EVAL CODED(MZB).
124. Kalappanavar, I. K. and Patil, N. K. (1997). Field Evaluation of Fungicides Against Leaf Rust of Wheat. *J.Maharashtra Agric.Univ.* 22: 335.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
125. Kalra, A., Ravindra, N. S., and Chandrashekhar, R. S. (1991). Influence of Foliar Application of Fungicides on Dieback Disease Caused by *Pythium aphanidermatum* and Alkaloid Yield of Periwinkle (*Catharanthus roseus*). *Indian J.Agric.Sci.* 61: 949-951.
- EcoReference No.: 91258
Chemical of Concern: CBD,BMY,MZB,CAP,Captan; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(MZB,CAP,Captan).
126. Kalra, A., Singh, H. B., Patra, N. K., and Kumar, S. (2001). Economic Evaluation of Fungicides for Leaf Blight (*Alternaria alternata*), Control in the Transplanted Crop of 'Shivalik' Menthol Mint (*Mentha arvensis*). *Indian J.Agric.Sci.* 71: 460-462.
- EcoReference No.: 90329
Chemical of Concern: TPM,MZB,CTN; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CTN,MZB),OK(TPM).
127. Kankwatsa, P., Hakiza, J. J., Olanya, M., Kidenamariam, H. M., and Adipala, E. (2003). Efficacy of Different Fungicide Spray Schedules for Control of Potato Late Blight in Southwestern Uganda. *Crop Prot.* 22: 545-552.
- EcoReference No.: 90927
Chemical of Concern: MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO CROP,OK TARGET(MZB).
128. Karel, A. K. and Mghogho, R. (1985). Effects of Insecticide and Plant Populations on the Insect Pests and Yield of Common Bean *Phaseolus vulgaris*. *J.Econ.Entomol.* 78: 917-921.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
129. Karna, R., Sapra, V. T., Pacumbaba, R. P., Cunfer, B. M., and Johnson, J. W. (1986). Effect of Mancozeb on Incidence of *Septoria nodorum* Blotch of Wheat at Three Locations in the Southeastern USA. *Cereal Res.Comm.* 14: 91-98.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
130. Keinath, A. P. (2001). Effect of Fungicide Applications Scheduled to Control Gummy Stem Blight on Yield and Quality of Watermelon Fruit. *Plant Dis.* 85: 53-58.
- EcoReference No.: 90320
Chemical of Concern: CTN,MZB; Habitat: T; Effect Codes: GRO; Rejection Code: NO CROP(CTN,MZB).
131. Keinath, A. P. (2000). Effect of Protectant Fungicide Application Schedules on Gummy Stem Blight Epidemics and Marketable Yield of Watermelon. *Plant Dis.* 84: 254-260.
- EcoReference No.: 64722

- Chemical of Concern: CTN,MZB; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CROP(CTN,MZB).
132. Keinath, A. P. (1995). Fungicide Timing for Optimum Management of Gummy Stem Blight Epidemics on Watermelon. *Plant Dis.* 79: 354-358.
- EcoReference No.: 90314
Chemical of Concern: CTN,BMY,MZB; Habitat: T; Effect Codes: POP,PHY,GRO; Rejection Code: OK(BMY),OK TARGET,NO CROP(CTN,MZB).
133. Keinath, A. P. and DuBose, V. B. (2004). Evaluation of Fungicides for Prevention and Management of Powdery Mildew on Watermelon. *Crop Prot.* 23: 35-42.
- EcoReference No.: 90313
Chemical of Concern: BMY,AZX,MZB,CTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET,NO CROP(MZB),NO MIXTURE(BMY,AZX,CTN).
134. Khan, M. and Ahmad, S. (1992). Control of Alternaria Leaf Spot of Potato by Various Fungicides in Peshawar Region. *Sarhad J.Agric.* 8: 223-226.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
135. Khan, P. K. and Sinha, S. P. (1994). Impact of Higher Doses of Vitamin C in Modulating Pesticide Genotoxicity. *Teratog. Carcinog. Mutag.* 14: 175-181.
- EcoReference No.: 90446
Chemical of Concern: ES,MZB,PPHD; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(MZB),OK(ES,PPHD).
136. Kim, D. G. and Riggs, R. D. (1998). Effects of Some Pesticides on the Growth of ARF18 and Its Pathogenicity to Heterodera glycines. *J.Nematol.* 30: 201-205 .
- EcoReference No.: 70527
Chemical of Concern:
PNB,CBL,DCNA,SXD,FPP,MLN,KFAT,CHX,DZ,DCF,TPM,GYPI,MYC,PAQT,MZB,DM M,TFN,FML,ADC,DLN,CTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DZ,DCNA,SXD,CBL),OK(ALL CHEMS),TARGET(CTN,MZB).
137. Kope, H. H., Sutherland, J., and Trotter, D. (1996). Influence of Cavity Size, Seedling Growing Density and Fungicide Applications on Keithia Blight of Western Redcedar Seedling Growth and Field Performance. *New For.* 11: 137-147 .
- EcoReference No.: 90840
Chemical of Concern: MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB).
138. Kope, H. H. and Trotter, D. (1998). Evaluation of Mancozeb and Propiconazole to Control Keithia Leaf Blight of Container-Grown Western Red Cedar. *For.Chron.* 74: 583-587.
- EcoReference No.: 64774
Chemical of Concern: PCZ,MANEB,MZB; Habitat: T; Rejection Code: TARGET(PCZ,MZB,Maneb).
139. Kovacs, A. I. (1982). The Effect of Seed Treatment with Chloromequat on the Control of Barley Leaf Stripe, Drechslera graminea (Rabenh. et Schlecht.) Shoemaker, with Fungicides. *Crop Prot.* 1: 369-372.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

140. Krishnamoorthy, A. (1984). Effect of Some Pesticides on the Predatory Mite, *Amblyseius tetranychivorus* (Gupta) (Acarina: Phytoseiidae). *Entomon* 8: 229-234.

EcoReference No.: 90444

Chemical of Concern: ES,DCF,FNT,CPY,DMT,MLN,DEM,PHSL,MOM,CBL,MZB;

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

CODED(MLN,MZB),OK(ALL CHEMS).

141. Ksheerasagar, R. L. and Kaliwal, B. B. (2003). Temporal Effects of Mancozeb on Testes, Accessory Reproductive Organs and Biochemical Constituents in Albino Mice. *Environ.Toxicol.Pharmacol.* 15: 9-17.

EcoReference No.: 90130

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

142. Kumar, K. and Singh, J. (1996). Fungi Associated with Winged Bean Seeds, Their Nature, Effect and Chemical Control. *Indian J.Mycol.Plant Pathol.* 26: 19-22.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

143. Kumar, R. and Singh, S. B. (1997). Field Evaluation of Fungitoxicants for the Control of Leaf Spot of Sunflower (*Alternaria alternata* (FR.) Keissler). *Adv.Plant Sci.* 10: 233-235.

EcoReference No.: 90197

Chemical of Concern: Captan,MZB,CBD,DINO; Habitat: T; Effect Codes: PHY,POP;

Rejection Code: LITE EVAL CODED(MZB,Captan),NO COC(CTN).

144. Lapwood, D. H., Bainbridge, A., McEwen, J., and Yeoman, D. P. (1984). An Effect of Rust (*Uromyces viciae-fabae*) on the Yield of Spring-Sown Field Beans (*Vicia faba*) in the UK. *Crop Prot.* 3: 193-198.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

145. Latin, R. (2006). Residual Efficacy of Fungicides for Control of Dollar Spot on Creeping Bentgrass. *Plant Dis.* 90: 571-575.

EcoReference No.: 90258

Chemical of Concern: CTN,IPD,MZB,PCZ,TPM; Habitat: T; Effect Codes: POP;

Rejection Code: OK(IPD,TPM),OK TARGET(CTN,MZB,PCZ).

146. Le Roux, J. and Muller, D. (1985). Chemical Seed Treatments to Control Seedborne Stinking and Loose Smut Diseases of Wheat in South Africa. *Phytophylactica* 17: 149-151.

EcoReference No.: 91240

Chemical of Concern: TDM,TBA,MZB,Captan,THM,CBX; Habitat: T; Effect Codes:

POP; Rejection Code: OK TARGET(MZB),OK(THM,CBX),NO MIXTURE(Captan).

147. Lee, S.-E., Park, B.-S., Kim, M.-K., Choi, W.-S., Kim, H.-T., Cho, K.-Y., Lee, S.-G., and Lee, H.-S. (2001). Fungicidal Activity of Piperonaline, a Piperidine Alkaloid Derived from Long Pepper, *Piper longum* L., Against Phytopathogenic Fungi. *Crop Prot.* 20: 523-528.

EcoReference No.: 90312

- Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: POP; Rejection Code: OK
TARGET(MZB,CTN).
148. Levic, J., Matijevic, D., Stankovic-Halsberghe, M., and Pencic, V. (1991). Maize Seedling Protection Against *Fusarium verticillioides* (Sacc.) Nirenberg by Seed Fungicide Treatment. *Plant Prot.* 42: 207-218.
- EcoReference No.: 80711
Chemical of Concern: TCMTB,MZB,THM,TDM,Captan; Habitat: T; Effect Codes: PHY,REP; Rejection Code: LITE EVAL CODED(TCMTB),OK(THM,TDM,Captan),NO CROP(MZB,Captan).
149. Li, D.-X., Tian, J., and Shen, Z.-R. (2006). Effects of Pesticides on the Functional Response of Predatory Thrips, *Scolothrips takahashii* to *Tetranychus viennensis*. *J.Appl.Entomol.* 130: 314-322.
- EcoReference No.: 90330
Chemical of Concern: MZB,CBD,ABM,FPP; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(MZB),OK(CBD),OK TARGET(ABM,FPP).
150. Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.
- EcoReference No.: 3296
Chemical of Concern: EFV,HXZ,GYPI,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MZB,CBL,ACP,CBF,MLN),OK(ALL CHEMS), NO COC(EFV).
151. Lonsdale, J. H. and Kotze, J. M. (1993). Chemical Control of Mango Blossom Diseases and the Effect on Fruit Set and Yield. *Plant Dis.* 77: 558-562.
- EcoReference No.: 77605
Chemical of Concern: CaPS,IPD,Cu,TDM,MZB,FUZ; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CaPS),OK(TDM,IPD,FUZ),NO COC(EFED-Cu),NO CROP(MZB).
152. Loughman, R. and Thomas, G. J. (1992). Fungicide and Cultivar Control of Septoria Diseases of Wheat. *Crop Prot.* 11: 349-354.
- EcoReference No.: 76466
Chemical of Concern: PCZ,MZB,TEZ,CPZ; Habitat: T; Effect Codes: PHY,POP,GRO; Rejection Code: LITE EVAL CODED(PCZ),OK(CPZ,TEZ),NO CROP(MZB) .
153. Ludemann, L. R., Funke, B. R., and Goodpasture, C. E. (1979). Mold Control in Insect Rearing Media: Survey of Agricultural Fungicides and Evaluation of the Use of Humectants. *J.Econ.Entomol.* 72: 579-582.
- EcoReference No.: 80729
Chemical of Concern: TCMTB,Maneb,MZB,DIIS,THM; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(TCMTB,DIIS,Maneb,MZB),OK(THM).
154. Madden, L. V., Ellis, M. A., Lalancette, N., Hughes, G., and Wilson, L. L. (2000). Evaluation of a Disease Warning System for Downy Mildew of Grapes. *Plant Dis.* 84: 549-554.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

155. Magarey, R. C., Yip, H. Y., Bull, J. I., and Johnson, E. J. (1997). Effect of the Fungicide Mancozeb on Fungi Associated with Sugarcane Yield Decline in Queensland. *Mycol.Res.* 101: 858-862.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
156. Mahadevaswami, M. P., Jadaramkunti, U. C., Hiremath, M. B., and Kaliwal, B. B. (2000). Effect of Mancozeb on Ovarian Compensatory Hypertrophy and Biochemical Constituents in Hemicastrated Albino Rat. *Reprod.Toxicol.* 14: 127-134.
- EcoReference No.: 90293
Chemical of Concern: MZB; Habitat: T; Effect Codes: BEH,GRO,REP,BCM; Rejection Code: LITE EVAL CODED(MZB).
157. Mahajan, P. D. and More, W. D. (1991). Control of Seed-Borne Diseases of Sunflower by Seed Treatment. *J.Maharashtra Agric.Univ.* 16: 294-296.
- EcoReference No.: 91180
Chemical of Concern: CTN,Captan,MZB,THM,CBD; Habitat: T; Effect Codes: REP,POP,GRO; Rejection Code: LITE EVAL CODED(Captan,MZB),OK(CTN,THM,CBD).
158. Mahakhant, A., Padungwong, P., Arunpairojana, V., and Atthasampunna, P. (1998). Control of the Plant Pathogenic Fungus *Macrophomina phaseolina* in Mung Bean by a Microalgal Extract. *Physiol.Res.* 46: 3-7.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
159. Maheshwari, S. K., Gandhi, S. K., and Gupta, P. C. (1996). Effects of Fungicides on Yield and Incidence of Purple Blotch in Onion. *Tests Agrochem.Cultiv.* 17: 12-13.
- EcoReference No.: 76528
Chemical of Concern: THM,DOD,MZB,Zineb,Ziram; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(DOD),OK(THM,Zineb,Ziram),NO CROP(MZB).
160. Maheshwari, S. K. and Gupta, P. C. (1992). Chemical Control of Anthracnose of Bottle Gourd. *Agric.Sci.Dig.* 13: 163-164.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
161. Maheshwari, S. K. and Gupta, P. C. (1992). Correction of Previews 96032877. Chemical Control of Anthracnose of Bottle Gourd. Correction of Volume Number from 13. *Agric.Sci.Dig.* 12: 163-164.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
162. Maheshwari, S. K., Gupta, P. C., and Gandhi, S. K. (1991). Evaluation of Different Fungitoxicants Against Early Blight of Tomato (*Lycopersicon esculentum* Mill). *Agric.Sci.Dig.* 11: 201-202.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
163. Mahrishi, R. P. (1988). Fungicidal Control of Cercospora Leaf Spot of Sugar Beet. *Indian J.Plant Prot.* 16: 57-58.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP.

164. Mani, M. (1992). Contact Toxicity of Different Pesticides to the Encyrtid Parasitoids, *Aenasius advena* and *Blepyrus insularis* of the Striped Mealybug, *Ferrisia virgata*. *Trop.Pest Manag.* 38: 386-390.
- EcoReference No.: 51860
Chemical of Concern: DINO,CBD,CAP,MZB,Zineb,Ziram,DEM,CPY,DZ,DDVP,FNTH,CBL,MLN,ES,MP,PHSL,DMT,DCF,TDF,MLX,TFR,HCZ,MP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CAP,MZB,MLN,MP,TFR),OK(ALL CHEMS).
165. Mani, M. (1994). Relative Toxicity of Different Pesticides to *Campoletis chloridae* Uchida (Hym., Ichneumonidae). *J.Biol.Control* 8: 18-22.
- EcoReference No.: 62600
Chemical of Concern: ZINEB,DINO,DCF,Cu,ES,MOM,CBL,FNV,PHSL,CYP,DM,DMT,MLN,CPY,MP,FNTH,DVDP,PPHD,FVL,ACP,MZB,CBD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CTN,MZB),OK TARGET(CBL,MOM,MLN),OK(ALL CHEMS).
166. Mani, M. and Nagarkatti, S. (1983). Susceptibility of Two Braconid Parasites *Apanteles angaleti* Muesebeck and *Bracon kirkpatricki* (Wilkinson) to Several Chemical Pesticides. *Entomon* 8: 87-92.
- EcoReference No.: 62601
Chemical of Concern: CBL,CPY,DDVP,DCF,DMT,ES,FNT,MLN,MOM,PHSL,PPHD,MZB; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(MLN,MZB),OK TARGET(DMT),TARGET(CBL,MOM),OK(ALL CHEMS).
167. Mani, M. and Thontadarya, T. S. (1988). Studies on the Safety of Different Pesticides to the Grape Mealybug Natural Enemies, *Anagyrus dactylopii* (How.) and *Scymnus coccivora* Ayyar. *Indian J.Plant Prot.* 16: 205-210.
- EcoReference No.: 68988
Chemical of Concern: MP,DDVP,DMT,OXD,CPY,DZ,PHSL,MZB,CAP,CBD; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(MP,DMT,MZB,CAP),OK(ALL CHEMS).
168. Mantecon, J. D. (1989). Persistence of Systemic and Non-Systemic Fungicides in the Control of Seedling Blight of Wheat (*Fusarium graminearum*). *Tests Agrochem.Cultiv.* 10: 76-77.
- EcoReference No.: 91168
Chemical of Concern: TBA,TPM,MZB,Captan; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(MZB,Captan).
169. Marcellos, H., Moore, K. J., and Nikandrow, A. (1995). Influence of Foliar-Applied Fungicides on Seed Yield of Faba Bean (*Vicia faba* L.) In Northern New South Wales. *Aust.J.Exp.Agric.* 35: 97-102.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
170. Marini, R. P. and Barden, J. A. (1998). Incidence of Diseases on Foliage of Nine Apple Genotypes as Influenced by Six Fungicide Treatments. *Fruit Var.J.* 52: 136-143.
- EcoReference No.: 87462
Chemical of Concern: Ziram,MZB,MYC,DOD,Captan,BMY,TDF; Habitat: T; Effect

Codes: PHY; Rejection Code: NO COC(AZ),NO CROP(MZB,Captan),OK(Ziram,MYC,DOD,Captan,BMY,TDF).

171. Martensson, A. M. (1992). Effects of Agrochemicals and Heavy Metals on Fast-Growing Rhizobia and Their Symbiosis with Small-Seeded Legumes. *Soil Biol.Biochem.* 24: 435-445.
- EcoReference No.: 68711
Chemical of Concern: BMY,GYP,MZB,CuCl₂,HgCl₂,ZnCl₂,MCPA; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MZB),OK(ALL CHEMS).
172. Martensson, A. M. (1993). Use of Heterotrophic and Cyanobacterial Nitrogen Fixation to Study the Impact of Anthropogenic Substances on Soil Biological Processes. *Bull.EnvIRON. Contam.Toxicol.* 50: 466-473.
- EcoReference No.: 90894
Chemical of Concern: BMY,MZB,24DXY,Zn,Cu,Ni; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MZB).
173. McCarter, S. M. (1992). Effects of Bactericide Treatments on Bacterial Spot Severity and Yield of Different Pepper Genotypes and on Populations of Certain Insects. *Plant Dis.* 76: 1042-1045.
- EcoReference No.: 90311
Chemical of Concern: MZB,CTN,CuOH,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK(CuOH),NO MIXTURE(Maneb).
174. Meah, M. B., Plumbley, R. A., and Jeger, M. J. (1991). Post Harvest Chemical Control of Mango Stem-End Rot. *Tests Agrochem.Cultiv.* 12: 48-49.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
175. Meena, P. D., Meena, R. L., Chattopadhyay, C., and Kumar, A. (2004). Identification of Critical Stage for Disease Development and Biocontrol of Alternaria Blight of Indian Mustard (Brassica juncea). *J.Phytopathol.* 152: 204-209.
- EcoReference No.: 90812
Chemical of Concern: CBD,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO CROP(MZB),OK TARGET(MZB).
176. Mehrotra, M. D. (1989). Corynespora cassiicola Leaf Spot of Ceiba Pentandra and Its Control in the Nursery. *Indian For.* 115: 905-909.
- EcoReference No.: 91164
Chemical of Concern: CBD,MZB,CAP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB,CAP).
177. Mehrotra, M. D., Khan, S. N., Tivari, R. K., and Misra, B. M. (1992). A Study on the Periodicity of Foliage Diseases of Albizia lebbek and Control of Campyotomeris Leaf Spot in Nursery. *Indian For.* 118: 594-598.
- EcoReference No.: 90715
Chemical of Concern: CAP,MZB,Ziram; Habitat: T; Rejection Code: OK TARGET(CAP,MZB).
178. Mehrotra, N. K., Kumar, S., and Shukla, Y. (1990). Enhancement of Tumor-Initiating Activity of DMBA by the Carbamate Fungicide Mancozeb. *Bull.EnvIRON. Contam.Toxicol.*

44: 39-45.

EcoReference No.: 90131

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

179. Mikunthan, G. (1995). Effect of some Fungicides on Metarrhizium sp. Sorok: An Entomopathogen on Insect Pests of Rice and Pulses. *International Rice Research Notes* 20: 24-25.

EcoReference No.: 52238

Chemical of Concern: MZB,MLX,BMY,Captan; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(MZB,Captan)/No Media:Agar,OM,pH.

180. Miranda-Contreras, L., Davila-Ovalles, R., Benitez-Diaz, P., Pena-Contreras, Z., and Palacios-Pru, E. (2005). Effects of Prenatal Paraquat and Mancozeb Exposure on Amino Acid Synaptic Transmission in Developing Mouse Cerebellar Cortex. *Brain Res.Dev.Brain Res.* 160: 19-27.

EcoReference No.: 90298

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

181. Mishra, D. (1988). Fungicidal Control of Anthracnose and Fruit-Rot (*Colletotrichum capsici*) of Chilli (*Capsicum annum*). *Indian J.Agric.Sci.* 58: 147-149.

EcoReference No.: 90849

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

182. Mittal, R. K. (1991). Fungicidal Control of Cercospora Leaf Spot of Green Gram (*Vigna radiata*) in Kumaon Hills of Uttar Pradesh. *Indian J.Mycol.Plant Pathol.* 21: 283-284.

EcoReference No.: 90785

Chemical of Concern: CBD,THM,MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MZB).

183. Mittal, R. K. (1994). Fungicidal Control of Foliar Diseases of Black Gram (*Vigna mungo*). *Indian J.Mycol.Plant Pathol.* 24: 67-68.

EcoReference No.: 90828

Chemical of Concern: CBD,MZB,THM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MZB),OK(THM).

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EcoReference No.: 90825

Chemical of Concern: CBD,MZB,THM; Habitat: T; Effect Codes: POP; Rejection Code: OK(THM),OK TARGET,NO CROP(MZB).

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EcoReference No.: 90494

- Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
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Chemical of Concern: CTN,CuOH,DLN,MZB,VCZ,Zineb; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CTN,MZB).
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Chemical of Concern: CuS,MZB,TDF,MYC,PCZ,TFZ,AZX,IPD,TPM,FHX,CTN,TFX; Habitat: T; Effect Codes: REP,CEL,MOR; Rejection Code: OK TARGET(ALL CHEMS).
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Chemical of Concern: MZB,CAP,Captan; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET,NO CROP(MZB,Captan),OK(CAP).
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- EcoReference No.: 90816
Chemical of Concern: MZB,BMY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 90325
Chemical of Concern: MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBD),OK TARGET,NO CROP(MZB).
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- EcoReference No.: 63983

Chemical of Concern:

MCPP1,DMB,24DXY,MCPA,DMT,CBL,MZB,TDF,PCZ,CQTC,EPH,BMN,PIM; Habitat: T; Effect Codes: REP,MOR,POP; Rejection Code: LITE EVAL CODED(DMT,PCZ,DMB,TDF,MZB),NO MIXTURE(MCPP1),OK(44DXY,MCPA,EPH,BMN,PIM),OK TARGET(CQTC,CBL).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 90486

Chemical of Concern: AMTL,TCF,DDVP,ATZ,ACR,24DXY,MZB; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(MZB,ATZ),OK(ALL CHEMS).

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EcoReference No.: 90897

Chemical of Concern: MZB,CMX,PPMH,MLX,ODL,FSTAl,FZN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(MZB).

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EcoReference No.: 82373

Chemical of Concern:

PMY,KRSM,TPE,IPD,FZN,DFC,CYD,FUZ,CTN,MZB,BMY,AZX,CBD,TEZ,VCZ,MPP; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: OK(ALL CHEMS),NO MIXTURE(BMY,FUZ,IPD,TPE),NO CROP(CTN,MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 86510

Chemical of Concern: Ziram,Zineb,THM,Maneb,MZB,NaDC,PbAC,MTAS; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(MTAS,Maneb,MZB).

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EcoReference No.: 87042

Chemical of Concern: Zineb,Maneb,SFR,ADC,Mn,MZB,MB,Zn; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(Maneb,MZB),OK(ALL CHEMS),NO MIXTURE(Mn,Zn,SFR).

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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90844
Chemical of Concern: Zineb,MZB,Captan,CAP,CBD,CBX; Habitat: T; Effect Codes: POP,MOR; Rejection Code: OK TARGET,NO CROP(MZB,Captan,CAP).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90808
Chemical of Concern: MLX,MZB,Zineb,CBD,CU,DINO,TPM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 91085
Chemical of Concern: SFR,MZB,Captan,THM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK TARGET,NO CROP(MZB,Captan),OK(THM).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90220
Chemical of Concern: PCZ,MZB; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB),OK(PCZ).
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Chemical of Concern: MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MZB).
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Monocrotophos and Urea on Chilli. *P.K.V.(Punjabrao Krishi Vidyapeeth) Res.J.* 15: 9-14.

EcoReference No.: 70135

Chemical of Concern:

SFR,IPD,DINO,DOP,Cu,CTN,MZB,FSTAI,CBD,TBA,TPE,PNB,TFR,CBX,Ziram,Captan,T
HM; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL
CODED(TFR),OK(ALL CHEMS),NO CROP(MZB,CTN,Captan).

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EcoReference No.: 90257

Chemical of Concern: AZX,CTN,MZB,ODL,BMY,CPZ,DDAC,DFC,TEZ; Habitat: T;
Effect Codes: POP,GRO,BCM; Rejection Code: OK TARGET,NO
CROP(CTN,MZB)OK(ALL CHEMS).

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EcoReference No.: 40000

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

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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- EcoReference No.: 90418
 Chemical of Concern: Captan,THM,CAP,CLNB,ILL,CBD,IPD,MLX,CBX,MZB,BNP;
Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL
 CODED(MZB,CAP),OK(CLNB,ILL,CBD,CBX,BNP),NO
 MIXTURE(MLX,IPD,THM,Captan).
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- EcoReference No.: 90838
 Chemical of Concern: CU,DM,CAP,CBD,MZB,FNV,PMR,CYP; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CAP,MZB),OK(CYP,PMR).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90213
 Chemical of Concern: ANZ,CTN,MZB; Habitat: T; Effect Codes: POP,ACC,GRO; Rejection Code: NO CROP,OK TARGET(CTN,MZB),OK(ANZ).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90299
 Chemical of Concern: ABM,MZB,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MZB),OK(ABM,CPY).
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- EcoReference No.: 90803
 Chemical of Concern: MZB,TBA; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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Polyphagotarsonemus latus (Banks) on Potato Crop. *Indian J.Entomol.* 49: 186-189.

EcoReference No.: 90443

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

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 91005

Chemical of Concern: CTN,THM,CBD,MZB,CAP; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK TARGET(CTN,CAP,MZB),OK(THM),NO CROP(CTN,CAP,MZB).

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EcoReference No.: 90457

Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO CROP(MZB).

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EcoReference No.: 90848

Chemical of Concern: Zineb,MZB,Captan,CBD; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET,NO CROP(MZB,Captan).

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EcoReference No.: 90817

Chemical of Concern: MZB,MLX,ODL; Habitat: T; Effect Codes: REP,POP; Rejection Code: OK TARGET(MZB),NO MIXTURE(MZB-Plant).

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EcoReference No.: 90981

Chemical of Concern: THM,MZB,CBD,Captan; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(CAP,MZB),OK(THM).

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EcoReference No.: 82873

Chemical of Concern: CTN,Captan,MZB; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO COC(ASCN),OK TARGET,NO CROP(CTN,Captan,MZB).

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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90080
Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MZB).
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Chemical of Concern: MZB,Captan,CBD; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB,Captan).
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- EcoReference No.: 90847
Chemical of Concern: CAP,CBD,MZB; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(CAP),NO CROP(MZB).
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- EcoReference No.: 90850
Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO CROP(MZB).
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- EcoReference No.: 89846
Chemical of Concern: CTN,PCZ,MZB; Habitat: T; Effect Codes: POP,GRO,MOR; Rejection Code: LITE EVAL CODED(CTN,MZB),OK(PCZ).
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Chemical of Concern: PbN,MZB; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(MZB),OK(PbN).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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- EcoReference No.: 90308
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 90914
Chemical of Concern: MZB; Habitat: T; Effect Codes: CEL,REP; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 81979
Chemical of Concern: TDM,ABZM,MZB; Habitat: T; Effect Codes: POP,ENV; Rejection Code: TARGET(MZB).
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- EcoReference No.: 90449
Chemical of Concern: Captan,MZB,THM; Habitat: T; Effect Codes: REP,POP,GRO; Rejection Code: OK(THM),OK TARGET(MZB,Captan).
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- EcoReference No.: 90510
Chemical of Concern: CAP,MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CAP,MZB),NO COC(Captan),OK(CBD).
247. Samoucha, Y. and Cohen, Y. (1989). Field Control of Potato Late Blight by Synergistic Fungicidal Mixtures. *Plant Dis.* 73: 751-753.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
248. Samoucha, Y. and Cohen, Y. (1990). Toxicity of Propamocarb to the Late Blight Fungus on Potato. *Phytoparasitica* 18: 27-40.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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Phytophthora Infestans. *Crop Prot.* 7: 210-215.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

250. Samsoe-Petersen, L. (1995). Effects of 37 Fungicides on the Rove Beetle *Aleochara bilineata* (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 40: 145-152.
- EcoReference No.: 63488
Chemical of Concern:
ANZ,BTN,CTN,CPZ,DFC,FRM,Folpet,HCZ,IPD,PCZ,TEZ,TDM,TFR,MZB,MEM,Maneb,T
HM,VCZ,Captan; Habitat: T; Effect Codes: REP,MOR; Rejection Code: LITE EVAL
CODED(Folpet,CTN,MZB,Maneb),OK(ALL CHEMS),NO COC(MTAS),TARGET TFR,NO
COC(Captan).
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- EcoReference No.: 70278
Chemical of Concern: ACP,AMZ,AZ,DM,FNT,THM,MZB,BMC,CQTC,CBL,SZ; Habitat:
T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL
CODED(SZ,CQTC,BMC,MZB),OK(AMZ,DM,FNT,THM),TARGET(ACP,AZ,CBL).
252. Samson, M. V., Baig, M., Sapru, M. L., and Narasimhanna, M. N. (1986). Efficacy of Certain Fungicides and Disinfectants for the Control of White Muscardine Disease in Mulberry Silkworm. *Indian J.Sericult.* 25: 78-83.
- EcoReference No.: 90450
Chemical of Concern: MZB,Captan; Habitat: T; Effect Codes: POP,GRO,MOR; Rejection Code: OK TARGET(MZB,Captan).
253. Savitri, H., Reddy, M. S., and Reddy, B. M. (1994). Effect of Seed Treatment with Fungicides and Insecticides on Seed-Borne Fungi, Storage Insect Pest, Seed Viability and Seedling Vigour of Sorghum. *Seed Res.* 22: 146-155.
- EcoReference No.: 90442
Chemical of Concern: THM,MZB,CBD,MLN,CBF,AIP,AZD,TCMTB; Habitat: T; Effect Codes: REP,MOR,GRO; Rejection Code: LITE EVAL CODED(MZB,MLN),OK(ALL CHEMS).
254. Savitri, H., Reddy, M. S., and Reddy, B. M. (1998). Effect of Seed Treatment with Fungicides and Insecticides on Seed Borne Fungi, Storage Insect Pest, Seed Viability and Seedling Vigour of Groundnut. *Seed Res.* 26: 62-72.
- EcoReference No.: 80745
Chemical of Concern: MZB,THM,Al,CBD,MLN,CBF,TCMTB; Habitat: T; Effect Codes: GRO,POP,MOR,REP; Rejection Code: LITE EVAL CODED(TCMTB),NO CROP(MZB,MLN),OK(THM,Al,CBD,CBF).
255. Sawant, I. S., Sawant, S. D., and Nanaya, K. A. (1995). Biological Control of Phytophthora Root-Rot of Coorg Mandarin (*Citrus reticulata*) by Trichoderma Species Grown on Coffee Waste. *Indian J.Agric.Sci.* 65: 842-846.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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the Honeybee (*Apis mellifera* L, Hymenoptera). *Pest Manag.Sci.* 59: 279-286.

EcoReference No.: 69894

Chemical of Concern: TEZ,TYF,MZB,CYD,AZX; Habitat: T; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(MZB),OK(TEZ,TYF,CYD,AZX).

257. Schupbach-Ningen, S. L., Cole, J. C., Cole, J. T., and Conway, K. E. (2006). Chlorothalonil, Trifloxystrobin, and Mancozeb Decrease Anthracnose Symptoms on Three Cultivars of Wintercreeper Euonymus. *Horttechnology* 16: 211-215 .

EcoReference No.: 86956

Chemical of Concern: CTN,MZB,TFX; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CTN,MZB),OK(TFX).

258. Schutte, G. C., Mansfield, R. I., Smith, H., and Beeton, K. V. (2003). Application of Azoxystrobin for Control of Benomyl-Resistant *Guignardia citricarpa* on 'Valencia' Oranges in South Africa. *Plant Dis.* 87: 784-788.

EcoReference No.: 78621

Chemical of Concern: ALSV,MZB,AZX; Habitat: T; Effect Codes: PHY; Rejection Code: OK(MZB),NO MIXTURE(AZX,ALSV),TARGET(MZB).

259. Seery, M. and Clancy, K. J. (1991). In Vitro Assessment of Effects of Fungicides on *Rhizosphaera kalkhoffii*. *Tests Agrochem.Cultiv.* 12: 34-35.

EcoReference No.: 91165

Chemical of Concern: BMV,CTN,Captan,IPD,THM,MZB,TDM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CTN,Captan,MZB),OK(THM).

260. Sengupta, R. and Ghosh, P. (1998). Cytogenetical Studies Through the Effects of Dithane M-45 on Pea Plant. *Naturalia (Rio Claro)* 23: 71-82.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

261. Sengupta, R. K., Das, J. L., Ghosh, P., and Sen, S. (1996). Effects of Bavistin 50 WP, Dithane M 45 and Heavy Metals on Pea Leaf DNA, RNA and Protein. *Bangladesh J.Bot.* 25: 235-237.

EcoReference No.: 85345

Chemical of Concern: HgCl,CdCl,PbN,MZB; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: NO CROP(MZB),NO ENDPOINT,STATS(HgCl,CdCl,PbN).

262. Shah, S., Hussain, S., Ali, A., and Khattak, I. (1992). Effect of Different Seed Dressing Fungicides on Germination and Yield Components of Soybean. *Sarhad J.Agric.* 8: 679-682.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 91198

Chemical of Concern: Zineb,MZB,THM,Captan; Habitat: AT; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(Captan,MZB),OK(THM).

264. Sharma, I. M. and Gupta, V. K. (1993). Field Evaluation of Some Fungicides Against Almond Rust in Himachal Pradesh. *Indian J.Mycol.Plant Pathol.* 23: 203-205.

- EcoReference No.: 90826
Chemical of Concern: TDF,MZB,CBD,CAP,TDM,BTN,Zineb,SFR; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(TDF,MZB,CAP).
265. Sharma, I. M. and Sharma, N. K. (1997). Efficacy of Some Fungicides Against Post-Infection Control of Downy Mildew of Onion. *Indian J.Plant Prot.* 25: 32-35.
- EcoReference No.: 91161
Chemical of Concern: MLX,CTN,MZB,Captan; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(CTN,MZB,Captan).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
270. Sharma, K. K. (1994). Fungicidal Spray Schedule and Its Economics for Potato Late Blight Management in North-Western Plains. In: *G.S.Shekhawat, et al.(Eds.), Potato: Present & Future, Natl.Symp., Mar.1-3, 1993, Modipuram, India, Indian Potato Assoc., Shimla, India* 197-199.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
271. Sharma, S. R. (1986). Effect of Fungicidal Sprays on Purple Blotch and Bulb Yield on Onion. *Indian Phytopathol.* 39: 78-82.
- EcoReference No.: 72311
Chemical of Concern: Captan,THM,MZB; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET,NO CROP(MZB,Captan).
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- EcoReference No.: 90827
Chemical of Concern: MZB,CAP,THM,Zineb,Ziram,CBL,ES,DMT; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MZB,CAP),OK(THM),NO MIXTURE(CBL,DMT).

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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
275. Shukla, A. K. (1992). Influence of Fungicidal Seed Treatment on Emergence, Nodulation and Grain Yield of Soybean in Madhya Pradesh. *Agric.Biol.Res.* 8: 82-87.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 69672
Chemical of Concern: BMY,MZB; Habitat: T; Rejection Code: NO CROP(MZB),OK(BMY).
277. Shukla, B. N., Bhargava, P. K., Gupta, M., and Patel, R. P. (2005). Epidemiology and Management of Soybean Rust (*Phakopsora pachyrhizii*). *Indian J.Agric.Sci.* 75: 150-153.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
279. Siddiqui, A., Ali, B., and Srivastava, S. P. (1993). Age-Related Effects in the Inhibition of Oxidative Metabolism of Xenobiotics by Mancozeb. *Vet.Hum.Toxicol.* 35: 4-6.
- EcoReference No.: 90488
Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
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- EcoReference No.: 90431
Chemical of Concern: MZB; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(MZB).
281. Siddiqui, A., Ali, B., and Srivastava, S. P. (1991). Heterogeneous Effects of Ethylenebisdithiocarbamate (EBDC) Pesticides on Oxidative Metabolism of Xenobiotics. *Pharmacol.Toxicol.* 69: 13-16.
- EcoReference No.: 90496

- Chemical of Concern: MZB,Zineb; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MZB),OK(Zineb),NO COC(Maneb).
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- EcoReference No.: 90489
Chemical of Concern: MZB; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
284. Singh, B. P. and Agarwal, V. K. (1993). Effect of Fungicidal Seed Treatment and Rhizobium Inoculation on Nodulation in Soybean. *Seed Res.(New Delhi)* 21: 63-65.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 90266
Chemical of Concern: ODL,MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET,NO CROP(MZB),NO MIXTURE(ODL).
286. Singh, D. (1991). Chemical Control of White Rot *Sclerotinia sclerotiorum* of Pea *Pisum sativum*. *Indian J.Agric.Sci.* 61: 952-953.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
288. Singh, D. P. (1995). Chemical Control of Ramie Diseases. *Agric.Sci.Dig.* 15: 88-92.
- EcoReference No.: 82247
Chemical of Concern: CBD,BMY,MZB,CuOS,TPE,Captan; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO COC(DKG),TARGET(MZB,Captan).
289. Singh, D. P. and Agarwal, V. K. (1989). Effect of Fungicidal Sprays on Grain Mould Incidence and Seed Quality in Sorghum. *Bangladesh J.Bot.* 18: 45-50.
- EcoReference No.: 91050
Chemical of Concern: Ziram,TDF,THM,Captan,CAP,MZB; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(CAP,Captan,MZB),OK(Ziram,TDF,THM).
290. Singh, D. P. and Agarwal, V. K. (1992). Fungicidal Control of Grain Mold in Sorghum. *Seed Res.* 20: 51-53.

EcoReference No.: 91059

Chemical of Concern: Ziram,TDF,CBD,Captan,CAP,MZB,THM; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(Captan,CAP,TDF,THM,MZB).

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EcoReference No.: 91086

Chemical of Concern: THM,MZB,Captan; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MZB,Captan),OK(THM).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 90327

Chemical of Concern: CAP,Captan,MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK TARGET,NO CROP(CAP,MZB,Captan).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 90419

Chemical of Concern: FNV,ES,MZB,DINO,THM,CBD; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO CROP(MZB),OK(ALL CHEMS).

297. Singh, S. N., Agarwal, S. C., and Khare, M. N. (1986). Efficacy and Cost Benefit Ratio of Certain Fungicides Against Foliar Diseases of Mungbean Vigna radiata L. *Indian J.Plant Prot.* 14: 63-65.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

298. Singh, V. P. and Singh, P. (1989). Cytomorphological Changes Induced in Breadwheat Following Seed Treatment with Pesticides and Mutagenic Chemicals. *Indian J.Genet.Plant Breed* 49: 341-347.

EcoReference No.: 90499

Chemical of Concern: MZB,HPT,CBD; Habitat: T; Effect Codes: REP,GRO,CEL; Rejection Code: LITE EVAL CODED(MZB),OK(HPT,CBD),NO COC(Maneb).

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- EcoReference No.: 89785
Chemical of Concern: MLX,MZB,CTN; Habitat: T; Effect Codes: POP; Rejection Code: OK(MLX,TARGET-MZB,CTN).
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- EcoReference No.: 79915
Chemical of Concern: FSTA1,MZB,BMY,PNB,MLX,MB,FML,CLP,Captan,DZM; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(DZM,CLP,Captan),OK(FSTA1,BMY,PNB,MLX,MB,FML),NO CROP(MZB).
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- EcoReference No.: 89999
Chemical of Concern: MZB,PCZ,ILL,TDM,TBA,BMY,TDF,BTN,THM,Maneb,PNB,CuOH,OXC,CBX; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO COC(CTN),NO MIXTURE(CBX,PNB),OK(PCZ,ILL,TDM,TBA,BMY,TDF,BTN,THM,Maneb,CuOH,OXC),NO CROP(MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
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- EcoReference No.: 76004
Chemical of Concern: AZD,CBD,MZB; Habitat: T; Effect Codes: PHY,POP,BCM,GRO;

Rejection Code: OK(AZD,CBD),NO CROP(MZB).

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EcoReference No.: 90453

Chemical of Concern: CAP,CBD,MZB,TPM; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBD,TPM),OK TARGET(CAP,MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

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EcoReference No.: 26089

Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,Maneb,TFN; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DZ),NO CROP(MLN,MZB,CTN,Maneb),OK(ES,CBF,DEM,MVP,TFN,TARGET-CBL).

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EcoReference No.: 25831

Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO CROP(CTN,MZB).

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Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

313. Sugha, S. K. (1995). Management of Purple Blotch (*Alternaria porri*) of Garlic (*Allium sativum*) with Fungicides. *Indian J.Agric.Sci.* 65: 455-458.

EcoReference No.: 90437

Chemical of Concern: MZB,CBD,Captan,CAP,CBX,CTN,IPD,THM,TDM; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBD,CBX,IPD,THM,THD),OK TARGET(MZB,Captan,CTN,CAP).

314. Sugha, S. K. and Singh, B. M. (1992). Fungitoxic Management of Phytophthora Fruit Rot of Eggplant. *Indian J.Mycol.Plant Pathol.* 22: 271-273.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP.

315. Sugha, S. K., Tyagi, P. D., and Develash, R. K. (1993). Effect of Heat Treatment of Bulb and Spray of Fungicides in Management of Purple Blotch (*Alternaria porri*) of Onion (*Allium cepa*). *Indian J.Agric.Sci.* 63: 303-305.

EcoReference No.: 91272

Chemical of Concern: CAP,MZB,MLX; Habitat: T; Effect Codes: POP; Rejection Code:

OK TARGET(CAP,MZB),NO COC(Captan).

316. Suheri, H. and Latin, R. X. (1991). Retention of Fungicides for Control of Alternaria Leaf Blight of Muskmelon Under Greenhouse Conditions. *Plant Dis.* 75: 1013-1015.
- EcoReference No.: 89998
Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(CTN,MZB).
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- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
318. Sutton, J. C. (1989). Fungicide Seed Treatments, Sowing Dates and Inoculum Densities of *Gaeumannomyces graminis* Var. *Tritici* in Relation to Take-All in Ontario (Canada) Winter Wheat. *Fitopatol.Bras.* 14: 253-260.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
319. Sutton, M. W. and Wale, S. J. (1985). The Control of *Penicillium corymbiferum* on Crocus and Its Effect on Corm Production. *Plant Pathol.* 34: 566-570 .
- EcoReference No.: 90846
Chemical of Concern: LNR,CPP,CAP,MZB,THM,BMY; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(CAP,MZB),OK(THM).
320. Swait, A., Butt, D. J., and Robinson, J. D. (1988). Fungicides to Control Apple Powdery Mildew and Scab, 1986. *Tests Agrochem.Cultiv.* 9: 22-23.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
321. Szepevolgyi, J., Nagy, K., Bedo, M., Regoly-Merei, A., Szerletics, M., Soos, K., and Antal, M. (1988). Examination of the Interaction of Decis and Dithane in Rats. *Toxicology* 53: 107-111.
- EcoReference No.: 90490
Chemical of Concern: DM,MZB; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: LITE EVAL CODED(MZB),OK(DM),NO COC(Maneb).
322. Szepevolgyi, J., Nagy, K., Vukan, K. S., Regoly-Merei, A., Soos, K., Toth, K., Pinter, A., and Antal, M. (1989). Subacute Toxicological Examination of Dithane M-45. *Food Chem.Toxicol.* 27: 531-538.
- EcoReference No.: 89647
Chemical of Concern: MZB; Habitat: T; Effect Codes: CEL,BCM,GRO,BEH; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
323. Tejada, A. W., Bajet, C. M., Magbauna, M. G., Gambalan, N. B., Araez, L. C., and Magallona, E. D. (1994). Toxicity of Pesticides to Target and Non-Target Fauna of the Lowland Rice Ecosystem. In: *B.Widianarko, K.Vink, and N.M.Van Straalen (Eds.), Environmental Toxicology in South East Asia, VU University Press, Amsterdam, Netherlands* 89-103.
- EcoReference No.: 20421
Chemical of Concern:
MP,ES,CBF,CPY,CYP,EFX,TDC,MTM,MLN,FNV,CYF,FNT,CBL,24DXY,MCPA,BTC,FZ

- FB,TBC,ODZ,MZB,MOM; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MOM,CBL,MTM,DZ,MLN,CYP,CYF,TDC,MZB),OK(ALL CHEMS).
324. Tekauz, A., Harper, F. R., and Davidson, J. G. N. (1985). Effect of Date of Seeding and Seed Treatment Fungicides on Infection of Barley by *Pyrenophora graminea*. *Can.J.Plant Pathol.* 7: 408-416.
- EcoReference No.: 81013
Chemical of Concern: TCMTB, MEM, Maneb, TDM, ILL, MZB; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TCMTB), OK(MEM, TDM, ILL), NO CROP(Maneb, MZB).
325. Thakur, J. N., Rawat, U. S., and Pawar, A. D. (1989). Effects of Commonly Used Fungicides on the Predator *Chilocorus bijugus* (Mulsant). *Indian J.Plant Prot.* 17: 75-78.
- EcoReference No.: 90452
Chemical of Concern: CBD, MZB, CAP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CAP, MZB), OK(CBD).
326. Thangasamy, T. A. and Rangaswamy, M. (1989). Fungicide Timing to Control Rice Sheath Blight (ShB). *Int.Rice Res.Newsl.* 14: 24.
- EcoReference No.: 90843
Chemical of Concern: MZB, CBD; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB).
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- EcoReference No.: 54808
Chemical of Concern: Cu, MLN, Zn, MZB; Habitat: T; Effect Codes: POP, PHY; Rejection Code: LITE EVAL CODED(MLN, MZB)/NO OM, pH//.
328. Tilton, F., La Du, J. K., Vue, M., Alzarban, N., and Tanguay, R. L. (2006). Dithiocarbamates Have a Common Toxic Effect on Zebrafish Body Axis Formation. *Toxicol.Appl.Pharmacol.* 216: 55-68.
- EcoReference No.: 88674
Chemical of Concern: MTAS, FBM, THM, MITC, DZM, MZB; Habitat: A; Effect Codes: MOR, GRO; Rejection Code: LITE EVAL CODED(MTAS, MITC, MZB), OK(FBM, THM, DZM).
329. Tiwari, R. K. S. (1997). Evaluation of Different Fungicides Against *Rhizoctonia solani* f.sp. *Sasaki* Causing Sheath Blight of Rice. *Adv.Plant Sci.* 10: 259-260.
- EcoReference No.: 90454
Chemical of Concern: CBD, BMY, MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBD, BMY), OK TARGET(MZB).
330. Tredan, S., Slapar, A., Rupnik, T., and Bobnar, A. (2001). The Effectiveness of Ecologically Acceptable Ways of Protection of Field-Grown Tomato (*Lycopersicon Lycopersicum* (L.) Karsten) From Tomato Late Blight (*Phytophthora Infestans* (Mont.) De Bary) in Extreme Weather Conditions. *Meded.Rijksuniv.Gent Fak.Landbouwkde.Toegep.Biol.Wet.* 66: 187-193.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

331. Trehan, S. P., Sharma, K. K., and Grewal, J. S. (1995). Effect of Soil and Foliar Application of Micronutrients and Fungicides on Late Blight (*Phytophthora infestans*) and Tuber Yield of Potato (*Solanum tuberosum*). *Indian J.Agric.Sci.* 65: 836-841.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
332. Trimurthy, V. S., Mishra, R. K., and Yadav, R. K. (1993). Fungicidal Control of Alternaria Blight of Wheat. *Adv.Plant Sci.* 6: 166-168.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
333. Umechuruba, C. I. and Nwachukwu, E. O. (1994). Efficacy of Certain Fungicides Against Seed-Borne Fungi of African Yam Bean (*Sphenostylis stenocarpa* (Hochst ex. A. Rich) Harms) Seeds. *Int.J.Pest Manag.* 40: 126-131.
- EcoReference No.: 75057
Chemical of Concern: Hg,Maneb,Captan,BMY,CLNB,HPT,THM,TDF,MZB; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(TDF),OK(Hg,BMY,CLNB,HPT,THM),OK TARGET,NO CROP(Maneb,Captan,MZB).
334. Utkhede, R. S. and Smith, E. M. (1993). Biological Treatment for Planting Apple Trees in Soil Previously Planted with Cherry Trees in the Kootenay Valley of British Columbia. *Soil Biol.Biochem.* 25: 1689-1692.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
335. Van de Veire, M., Smagghe, G., and Degheele, D. (1996). Laboratory Test Method to Evaluate the Effect of 31 Pesticides on the Predatory Bug, *Orius laevigatus* (Het.: Anthocoridae). *Entomophaga* 41: 235-243.
- EcoReference No.: 63513
Chemical of Concern: Captan,CYR,DDVP,PIM,TUZ,TZM,ABM,AZP,DFZ,LUF,PRB,BMY,CBD,MZB,TPM,TH M; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(Captan,MZB),OK(ALL CHEMS).
336. Van den Berg, N., Aveling, T. A. S., and Venter, S. L. (2002). The Evaluation of Six Fungicides for Reducing Alternaria cassiae on Cowpea Seed. *Crop Prot.* 21: 501-505.
- EcoReference No.: 90441
Chemical of Concern: BMY,BTN,Captan,MZB,PCZ,TFR; Habitat: T; Effect Codes: REP,POP,GRO; Rejection Code: OK(BMY,BTN,PCZ,TFR),OK TARGET,NO CROP(Captan,MZB).
337. Vasudev, V., Subramanya, G., and Krishnamurthy, N. B. (1994). Dominant Lethals Induced by Dithane M-45 in Silkworm Bombyx mori. *Environ.Res.* 65: 145-148 .
- EcoReference No.: 90129
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(MZB).
338. Venkateswarlu, C. and Ramapandu, S. (1992). Compatibility of Fungicides and Bactericide with Insecticides in the Control of Citrus Canker and Leafminer in Acidlime. *Indian J.Plant Prot.* 20: 27-31.

- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
339. Verma, R. K. and Singh, R. A. (1987). Evaluation of Fungicides and Antibiotics Against *Claviceps Oryzae-sativae*, the Incitant of False Smut of Rice. *Pesticides* 21: 40-42.
- EcoReference No.: 70305
Chemical of Concern:
PNB,CLNB,Captan,THM,TPM,TPE,TCMTB,OXC,CuOS,CBD,BMY,MZB; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(TCMTB),NO ENDPOINT(CLNB),TARGET(MZB,Captan).
340. Vermeulen, L. A., Reinecke, A. J., and Reinecke, S. A. (2001). Evaluation of the Fungicide Manganese-Zinc Ethylene bis(Dithiocarbamate) (Mancozeb) for Sublethal and Acute Toxicity to *Eisenia fetida* (Oligochaeta). *Ecotoxicol. Environ. Saf.* 48: 183-189.
- EcoReference No.: 64321
Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(MZB),NO COC(Maneb).
341. Vulsteke, G. and Meeus, P. (1985). Control of *Peronospora-viciae-F-sp-pisi* in Peas. In: *37th Int.Symp.on Crop Prot., Part 4, Ghent, Belgium, Meded.Fac.Landbouwwet.Rijksuniv.Gent* 50: 1205-1216.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
342. Wahl, O. and Ulm, K. (1983). Influence of Pollen Feeding and Physiological Condition on Pesticide Sensitivity of the Honey Bee *Apis mellifera carnica*. *Oecologia* 59: 106-128.
- EcoReference No.: 39264
Chemical of Concern:
MZB,MnS04,ZnS,FBM,Captan,PHSL,ES,Ziram,Zineb,24DXY,Maneb; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MZB,Maneb,Captan),OK(ALL CHEMS).
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- EcoReference No.: 82391
Chemical of Concern: AZX,MZB; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MZB).
344. Washington, J. R., Cruz, J., and Fajardo, M. (1998). Detection of Chlorothalonil in Dew Water Following Aerial Spray Application and Its Role in the Control of Black Sigatoka in Banana. *Plant Dis.* 82: 1191-1198.
- EcoReference No.: 72792
Chemical of Concern: MZB,CTN; Habitat: T; Effect Codes: POP,REP,GRO; Rejection Code: OK TARGET(MZB,CTN).
345. Watters, B. S. and Sturgeon, S. R. (1990). An Evaluation of Fungicides Against Apple Scab *Venturia-inaequalis* in Bramley's Seedling. *Tests Agrochem.Cultiv.* 11: 38-39.
- Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).
346. Wegulo, S. N., Rivera-Canales, J. M., Martinson, C. A., and Nutter, F. W. Jr. (1998). Efficacy

of Fungicide Treatments for Control of Common Rust and Northern Leaf Spot in Hybrid Corn Seed Production. *Plant Dis.* 82: 547-554.

EcoReference No.: 69007

Chemical of Concern: PCZ,CTN,MZB; Habitat: T; Effect Codes: PHY,REP,POP; Rejection Code: OK(PCZ),NO CROP(CTN,MZB).

347. Whitney, N. G. (1988). Fungicide Evaluations for Stripe Rust of Wheat. *Tex.Agric.Exp.Stn.Prog.Rep.* 4555: 1-4.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

348. Wicks, T., Emmett, R. W., Magarey, P. A., and Fletcher, G. C. (1985). Control of Grapevine Powdery Mildew in Southern Australia I. Evaluation of Protectant Spray Programs. *Agric.Rec.(S.Aust.)* 11: 12-15.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

349. Wicks, T. J., Davoren, C. W., and Hall, B. H. (2000). Fungicidal Control of Phytophthora erythroseptica: the Cause of Pink Rot on Potato. *Am.J.Potato Res.* 77: 233-240.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

350. Wicks, T. J., Hall, B., and Pezsaniti, P. (1993). Fungicidal Control of Downy Mildew (*Bremia lactucae*) on Lettuce. *Aust.J.Exp.Agric.* 33: 381-384.

Chemical of Concern: MZB; Habitat: T; Rejection Code: NO CROP (MZB).

351. Wojdyla, A. T. (1999). Chemical Control of Rose Diseases. V. Effectiveness of Fungicides in the Control of Powdery Mildew on Rose cv Mercedes in Greenhouse. *J.Fruit Ornam.Plant Res.* 7: 47-54.

EcoReference No.: 75966

Chemical of Concern:

TFR,FRM,FUZ,MZB,CBD,Folpet,TEZ,TCZ,CTN,TDF,TDM,BTN,TFZ,MYC,DFC;
Habitat: T; Effect Codes: PHY,GRO,ACC,POP; Rejection Code: LITE EVAL CODED(TCZ,TDF,TFR),OK(BTN,TDM,CBD,FUZ,FRM,DFC,MYC,TFZ),NO MIXTURE(TEZ),NO CROP(CTN,Folpet,MZB).

352. Wong, F. P. and Wilcox, W. F. (2001). Comparative Physical Modes of Action of Azoxystrobin, Mancozeb, and Metalaxyl Against *Plasmopara viticola* (Grapevine Downy Mildew). *Plant Dis.* 85: 649-656.

EcoReference No.: 90076

Chemical of Concern: AZX,MZB,MLX; Habitat: T; Effect Codes: POP,REP; Rejection Code: OK(AZX,MLX),OK TARGET(MZB).

353. Wu, W.-S., Chou, H.-H., Lin, S.-M., and Wu, H.-C. (2001). The Effect of Seed-Borne Pathogens on Emergence of Globe Amaranth, Calendula and Tagetes and the Methods of Control. *J.Phytopathol.* 149: 91-96.

EcoReference No.: 91047

Chemical of Concern: IPD,MZB; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(MZB).

354. Young, J. E. B. and Umpelby, R. (1990). Evaluation of Acaricidal Fungicides for the

Suppression of Fruit Tree Red Spider Mite. In: *Br.Crop Prot.Counc., Brighton Crop Prot.Conf.: Pests and Diseases, 1990, Volumes 1-3, Int.Conf., Nov.19-22, 1990, Brighton, England, U.K.* 315-320.

EcoReference No.: 90806

Chemical of Concern: MZB,DINO,DCF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB).

(H.2.) Maneb

1. Al-Dosari, S. A., Cranshaw, W. S., and Schweissing, F. C. (1996). Effects on Control of Onion Thrips from Co-Application of Onion Pesticides. *Southwest.Entomol.* 21: 49-54.

EcoReference No.: 90255

Chemical of Concern: CYP,CTN,LCYT,Maneb,MLX,CuOH; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CTN,Maneb),OK(LCYT,MLX),OK TARGET(CYP),NO MIXTURE(CuOH).

2. Beck, S. L. (1993). Additional Endpoints and Overview of a Mouse Skeletal Variant Assay for Detecting Exposure to Teratogens. *Teratology* 47: 147-157.

EcoReference No.: 82909

Chemical of Concern: TFN,Captan,Maneb,DCM; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(Maneb,Captan),OK(TFN,DCM),NO COC(ASCN).

3. Beck, S. L. (1990). Prenatal and Postnatal Assessment of Maneb-Exposed CD-1 Mice. *Reprod.Toxicol.* 4: 283-290.

EcoReference No.: 90497

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

4. Bertini, S., Del Carratore, R., Giorgi, M., Bronzetti, G., and Croce, C. D. (2000). Genotoxic and Mono-Oxygenase System Effects of the Fungicide Maneb. *Arch.Toxicol.* 74: 415-420.

EcoReference No.: 90322

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

5. Bhat, A. A., Dhar, D. N., and Kher, H. L. (1989). Effect of Some Fungicides to *Apis cerana indica* Foragers. *Environ.Ecol.* 7: 348-350.

EcoReference No.: 89836

Chemical of Concern: CBD,BMY,CAP,Captan,MZB,Maneb,Ziram; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(Maneb,MZB,CAP,Captan),OK(CBD,BMY,Ziram).

6. Borg, K. and Tjalve, H. (1988). Effect of Thiram and Dithiocarbamate Pesticides on the Gastrointestinal Absorption and Distribution of Nickel in Mice. *Toxicol.Lett.* 42: 87-98.

EcoReference No.: 90179

Chemical of Concern: FBM,Ziram,Zineb,THM,NiCl,Maneb,Nabam; Habitat: T; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(Maneb),OK(THM).

7. Braithwaite, M., Falloon, R. E., Genet, R. A., Wallace, A. R., Fletcher, J. D., and Braam, W. F. (1994).

Control of Powdery Scab of Potatoes with Chemical Seed Tuber Treatments. *N.Z.J.Crop Hortic.Sci.* 22: 121-128.

Chemical of Concern: Zn,MANEB; Habitat: T; Rejection Code: NO CROP (MANEB).

8. Carruthers, R. I., Whitfield, G. H., and Haynes, D. L. (1985). Pesticide-Induced Mortality of Natural Enemies of the Onion Maggot, *Delia antiqua* (Dip.: Anthomyiidae). *Entomophaga* 30: 151-161.

EcoReference No.: 71029

Chemical of Concern: Maneb,CuS,MLN,CTN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CTN,MLN,Maneb),OK(CuS).

9. Cerkauskas, R. F. and McGarvey, B. D. (1988). Fungicidal Control of Phoma Canker of Parsnip. *Can.J.Plant Pathol.* 10: 252-258.

EcoReference No.: 90798

Chemical of Concern: CTN,Maneb,MZB,IPD,Cu

EcoReference No.: 90798

Chemical of Concern: CTN,Maneb,MZB,IPD,Cu; Habitat: T; Effect Codes: POP,REP,ACC; Rejection Code: OK TARGET(CTN,Maneb,MZB).

10. Chernoff, N., Kavlock, R. J., Rogers, E. H., Carver, B. D., and Murray, S. (1979). Perinatal Toxicity of Maneb, Ethylene Thiourea, and Ethylenebisisothiocyanate Sulfide in Rodents. *J.Toxicol.Environ.Health* 5: 821-834.

EcoReference No.: 90173

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

11. Clark, R. V., Wallen, V. R., Galway, D. A., and Burrows, V. D. (1986). Effects of Maneb Fungicide on Seed Yield and Protein Content of Oat Cultivars. *Can.J.Plant Pathol.* 8: 323-327.

EcoReference No.: 90896

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

12. Cook, R. J. and Hayward, C. F. (1988). Effect of Fungicide and Spray Timing on Control of Septoria tritici on Wheat. *Tests Agrochem.Cultiv.* 9: 42-43.

EcoReference No.: 91155

Chemical of Concern: TDM,CAP,CTN,CBD,Maneb; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(CTN),NO MIXTURE(CAP,Maneb).

13. Cranshaw, W. S. and Liewehr, D. J. (1990). Effects of Colored Sprays on Aphid and Psyllid Colonization of Potatoes. *Southwest.Entomol.* 15: 205-210.

EcoReference No.: 90433

Chemical of Concern: CYT,CTN,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(Maneb,CTN),OK TARGET(CYT).

14. Draughon, F. A., Elahi, M. E., Churchville, D. C., and West, D. R. (1986). Pesticide Inhibition of Aflatoxin and Zearalenone Production in Corn and in Culture. *Tenn.Farm Home Sci.* 140: 3-7.

EcoReference No.: 91350

Chemical of Concern: CBL,CBF,Maneb,FNF,Naled,HPT; Habitat: T; Effect Codes: POP,BCM; Rejection Code: OK(CBL,CBF,Naled),OK TARGET(Maneb) .

15. Dubey, H. D. and Rodriguez, R. L. (1970). Effect of Dyrene and Maneb on Nitrification and Ammonification and Their Degradation in Tropical Soils. *Proc Soil Sci Soc Am* 34: 435-439.

EcoReference No.: 48830

Chemical of Concern: ANZ,Maneb; Habitat: T; Rejection Code: TARGET(Maneb).

16. Easton, A., Guven, K., and De Pomerai, D. I. (2001). Toxicity of the Dithiocarbamate Fungicide Mancozeb to the Nontarget Soil Nematode, *Caenorhabditis elegans*. *J.Biochem.Mol.Toxicol.* 15: 15-25.

EcoReference No.: 61841

Chemical of Concern: MZB,Maneb,ETU; Habitat: T; Effect Codes: BCM,MOR,GRO; Rejection Code: LITE EVAL CODED(ETU,MZB),NO ENDPOINT(Maneb).

17. Elliott, M. L. (1998). Use of Fungicides to Control Blue-Green Algae on Bermuda Grass Putting-Green Surfaces. *Crop Prot.* 17: 631-637.

EcoReference No.: 90918

Chemical of Concern: MZB,Maneb,CTN; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB,Maneb,CTN).

18. Fort, D. J., Rogers, R. L., Copley, H. F., Bruning, L. A., Stover, E. L., Helgen, J. C., and Burkhart, J. G. (1999). Progress Toward Identifying Causes of Maldevelopment Induced in *Xenopus* by Pond Water and Sediment Extracts From Minnesota, USA. *Environ.Toxicol.Chem.* 18: 2316-2324.

EcoReference No.: 89641

Chemical of Concern: ADC,DPA,DIATZ,Maneb,PMR,NiCl; Habitat: A; Effect Codes: MOR,GRO,CEL,PHY; Rejection Code: LITE EVAL CODED(DIATZ,Maneb),OK(ADC,DPA,PMR,NiCl).

19. Gaudet, D. A., Puchalski, B. J., and Entz, T. (1989). Effect of Environment on Efficacy of Seed-Treatment Fungicides for Control of Common Bunt in Spring and Winter Wheat. *Pestic.Sci.* 26: 241-252.

EcoReference No.: 83317

Chemical of Concern: CBX,DCZ,Maneb,MYC,TDM; Habitat: T; Effect Codes: POP; Rejection Code: OK(CBX,DCZ,MYC,TDM),NO COC(MCPP1),NO CROP(Maneb).

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EcoReference No.: 70270

Chemical of Concern: PNB,MANEB; Habitat: T; Effect Codes: GRO; Rejection Code: NO CROP(Maneb),OK(PNB).

21. Guven, K., Deveci, E., Akba, O., Onen, A., and De Pomerai, D. (1998). The Accumulation and Histological Effects of Organometallic Fungicides Propineb and Maneb in the Kidneys of Fetus and Female Rats During Pregnancy. *Toxicol.Lett.* 99: 91-98.

EcoReference No.: 67797

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

22. Guven, K., Power, R. S., Avramides, S., Allender, R., and De Pomerai, D. I. (1999). The Toxicity of Dithiocarbamate Fungicides to Soil Nematodes, Assessed Using a Stress-Inducible Transgenic Strain of *Caenorhabditis elegans*. *J.Biochem.Mol.Toxicol.* 13: 324-333.
- EcoReference No.: 64567
 Chemical of Concern: TBA,DM,Maneb,MZB,ETU,Mn,MTSM,CBD,DMT; Habitat: A; Effect Codes: BCM,ACC; Rejection Code: LITE EVAL CODED(Maneb,MZB,ETU,DMT).
23. Haque, A. and Ebing, W. (1983). Toxicity Determination of Pesticides to Earthworms in the Soil Substrate. *J.Plant Dis.Prot.* 90: 395-408 (OECDG Data File).
- EcoReference No.: 40493
 Chemical of Concern: BMY,Captan,Cn,Maneb,Folpet,TDF,ATZ,PAQT,CQTC,ADC,CBF,ES,HCCH,MTM,MDT,PX,TBO; Habitat: T; Effect Codes: MOR,GRO,POP,BEH; Rejection Code: LITE EVAL CODED(MTM,ATZ,CBF,ADC,CQTC),OK(ALL CHEMS)//OK(EcoSSL).
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- EcoReference No.: 89884
 Chemical of Concern: PIM,OML,NCTN,FPP,DFZ,DZ,DCF,DIE,FO,BMY,CTN,IPD,HCZ,PCZ,TFR,Maneb,BPZ,CYP; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(TFR,Maneb,CTN),OK TARGET(NCTN,DZ),NO ENDPOINT(PIM,BPZ),OK(OML,FPP,DFZ,DCF,DIE,FO,BMY,IPD,HCZ,PCZ,CYP).
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- EcoReference No.: 50181
 Chemical of Concern: PRT,ADC,PMR,PRN,PAQT,ACP,Naled,MLN,HCCH,HPT,FNF,EN,ES,TMP,MTAS,MTM,MOM,AND,ATZ,BMY,DCTP,CBL,Captan,CPY,TBO,DZ,DLD,DU,FNTH,AZ,SZ,MANEB; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ADC,ACP,MLN,MTAS,MTM,MOM,CBL,Captan,DZ,SZ),OK(ALL CHEMS).
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- EcoReference No.: 89912
 Chemical of Concern: RTN,MLX,Maneb,CTN,CYT,ES,OML,EFV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Maneb,CTN),OK(ALL CHEMS).
27. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.
- EcoReference No.: 71346
 Chemical of Concern: PNB,DDT,SZ,ATZ,DU,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nabam,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(RTN),OK(ALL CHEMS)//NO TUMOR(PILOT)//.

28. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.

EcoReference No.: 71346
Chemical of Concern: DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nabam,Folpet,ETU; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(Maneb,CBL,SZ,ATZ,RTN,PPZ),NO ENDPOINT(ETU)/NO TUMOR(PILOT).
29. Jordan, M. M., Maude, R. B., and Burchill, R. T. (1990). Tests of Fungicides for the Control of Leaf Blotch Diseases: *Cladosporium allii* of Leek and *C. allii-cepae* of Onion. *Crop Prot.* 9: 367-370.

EcoReference No.: 91263
Chemical of Concern: PCZ,CAP,TDF,FRM,IPD,CTN,BMY,MLX,TFR,MZB,Maneb; Habitat: T; Rejection Code: OK TARGET(ALL CHEMS),NO MIXTURE(Maneb).
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EcoReference No.: 90072
Chemical of Concern: PPX,Maneb; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(Maneb),OK(PPX).
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EcoReference No.: 90501
Chemical of Concern: THM,Nabam,FBM,Zineb,Maneb,ETU; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(Maneb,ETU),OK(THM).
32. Kope, H. H. and Trotter, D. (1998). Evaluation of Mancozeb and Propiconazole to Control Keithia Leaf Blight of Container-Grown Western Red Cedar. *For.Chron.* 74: 583-587.

EcoReference No.: 64774
Chemical of Concern: PCZ,MANEB,MZB; Habitat: T; Rejection Code: TARGET(PCZ,MZB,Maneb).
33. Kuznia, R. A., Meronuck, R. A., and Stewart, E. L. (1993). Effect of Seed Treatments on Stand Establishment, Root Necrosis, and Yield of *Lupinus albus*. *Plant Dis.* 77: 892-895.

EcoReference No.: 70772
Chemical of Concern: CHTS,CBX,MLX,THM,Maneb,Captan,PNB; Habitat: T; Effect Codes: PHY,REP,POP; Rejection Code: LITE EVAL CODED(Captan,Maneb),OK(ALL CHEMS).
34. Laisi, A., Tuominen, R., Mannisto, P., Savolainen, K., and Mattila, J. (1985). The Effect of Maneb, Zineb, and Ethylenethiourea on the Humoral Activity of the Pituitary-Thyroid Axis in Rat. *Arch.Toxicol.* 8: 253-258.

EcoReference No.: 87192
Chemical of Concern: Maneb,Zineb,ETU; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(ETU,Maneb),OK(Zineb).

35. Linden, E., Bengtsson, B. E., Svanberg, O., and Sundstrom, G. (1979). The Acute Toxicity of 78 Chemicals and Pesticide Formulations Against Two Brackish Water Organisms, the Bleak (*Alburnus alburnus*) and the Harpacticoid *Nitocra spinipes*. *Chemosphere* 8: 843-851 (Author Communication Used) (OECDG Data File).

EcoReference No.: 5185
Chemical of Concern:
DZM,DBN,DDT,24DXYBEE,FNV,GYP,MANEB,MCPA,PCP,MCPPI,CQTC,MCPA,PMR,TBT,OTN,C10OH,Zn,NH,C8OH; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MCPPI,PCP,C10OH,DZM,CQTC,DBAC,OTN),OK(ALL CHEMS).
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EcoReference No.: 3296
Chemical of Concern:
EFV,HXZ,GYPI,Maneb,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP,CTN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CTN,Maneb,MZB,CBL,ACP,CBF,MLN),OK(ALL CHEMS), NO COC(EFV).
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EcoReference No.: 80729
Chemical of Concern: TCMTB,Maneb,MZB,DIIS,THM; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(TCMTB,DIIS,Maneb,MZB),OK(THM).
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Chemical of Concern: Zn,MANEB,Captan; Habitat: T; Rejection Code: NO TARGET (MANEB,Captan).
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EcoReference No.: 86141
Chemical of Concern: Maneb; Habitat: T; Effect Codes: GRO,CEL,REP,MOR; Rejection Code: LITE EVAL CODED(Maneb).
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EcoReference No.: 89465
Chemical of Concern: Maneb,PHMD,MTM,PPB,MXC,PIM,PPX,TCF,AZ,ES,PHMD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Maneb),NO COC(MTAS),OK(THM,AZ),OK TARGET(MTM,PPB,PHMD).
41. Marchal-Segault, D., Seuge, J., and Lauge, G. (1985). Studies on the Toxicity of Some Carbamate Fungicides in *Drosophila melanogaster* Meig. (Insecta, Diptera). *Environ.Res.* 37: 26-32.

EcoReference No.: 90128
Chemical of Concern: MZB,THM,Maneb; Habitat: T; Effect Codes: REP,GRO,PHY,MOR; Rejection Code: LITE EVAL

CODED(Maneb),OK(THM),MIXTURE(MZB) .

42. McCarter, S. M. (1992). Effects of Bactericide Treatments on Bacterial Spot Severity and Yield of Different Pepper Genotypes and on Populations of Certain Insects. *Plant Dis.* 76: 1042-1045.

EcoReference No.: 90311

Chemical of Concern: MZB,CTN,CuOH,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK(CuOH),NO MIXTURE(Maneb).

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EcoReference No.: 90492

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

44. Miyoshi, N., Kawano, T., Tanaka, M., Kadono, T., Kosaka, T., Kunimoto, M., Takahashi, T., and Hosoya, H. (2003). Use of Paramecium Species in Bioassays for Environmental Risk Management: Determination of IC50 Values for Water Pollutants. *J.Health Sci.* 49: 429-435.

EcoReference No.: 82825

Chemical of Concern: IGS,K2Cr2O7,MANEB,NiCl,CdCl,24D,TBC,PAQT,HCCH,MLN;
Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL
CODED(IGS,K2Cr2O7,MANEB,NiCl,CdCl,24D,TBC,PAQT,HCCH,MLN).

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EcoReference No.: 90491

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

46. Munk, R. and Schulz, V. (1989). Study of Possible Teratogenic Effects of the Fungicide Maneb on Chick Embryos. *Ecotoxicol.Environ.Saf.* 17: 112-118.

EcoReference No.: 90132

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

47. Nakashima, C. and Kobayashi, T. (1997). Etiological Studies on Brown Spot Disease of *Pyraecanthia*. *Ann.Phytopathol.Soc.Jpn.* 63: 309-315.

EcoReference No.: 86939

Chemical of Concern: CuS,BMY,Maneb; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO COC(CBL),NO ENDPOINT(ALL CHEMS),TARGET(Maneb).

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EcoReference No.: 71039

Chemical of Concern: BMY,CuS,TBA,Captan,CAP,MLX,FML,CTN,Maneb; Habitat: T;
Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(Captan,CAP,CTN,Maneb).

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EcoReference No.: 90082

Chemical of Concern: Captan,Maneb,Zineb,ETU; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(Captan,Maneb,ETU),OK(Zineb).

50. Oskarsson, A. (1987). Comparative Effects of Ten Dithiocarbamate and Thiuram Compounds on Tissue Distribution and Excretion of Lead in Rats. *Environ.Res.* 44: 82-93.

EcoReference No.: 86510

Chemical of Concern: Ziram,Zineb,THM,Maneb,MZB,NaDC,PbAC,MTAS; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(MTAS,Maneb,MZB).

51. Pankhurst, C. E., Blair, B. L., Magarey, R. C., Stirling, G. R., and Garside, A. L. (2005). Effects of Biocides and Rotation Breaks on Soil Organisms Associated with the Poor Early Growth of Sugarcane in Continuous Monoculture. *Plant Soil* 268: 255-269.

EcoReference No.: 87042

Chemical of Concern: Zineb,Maneb,SFR,ADC,Mn,MZB,MB,Zn; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(Maneb,MZB),OK(ALL CHEMS),NO MIXTURE(Mn,Zn,SFR).

52. Patel, S., Singh, V., Kumar, A., Gupta, Y. K., and Singh, M. P. (2006). Status of Antioxidant Defense System and Expression of Toxicant Responsive Genes in Striatum of Maneb- and Paraquat-Induced Parkinson's Disease Phenotype in Mouse: Mechanism of Neurodegeneration. *Brain Res.* 1081: 9-18.

EcoReference No.: 90324

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

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EcoReference No.: 90083

Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: ACC; Rejection Code: NO CROP(Maneb),NO TOXICANT(ETU),NO CONTROL(ALL CHEMS).

54. Pernezny, K., Datnoff, L. E., Mueller, T., and Collins, J. (1996). Losses in Fresh-Market Tomato Production in Florida due to Target Spot and Bacterial Spot and the Benefits of Protectant Fungicides. *Plant Dis.* 80: 559-563.

EcoReference No.: 90066

Chemical of Concern: CTN,MZB,CuOH,Maneb; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK TARGET,NO CROP(CTN),NO MIXTURE(MZB,CuOH,Maneb).

55. Petrova-Vergieva, T. and Ivanova-Tchemishanska, L. (1973). Assessment of the Teratogenic Activity of Dithiocarbamate Fungicides. *Food Cosmet.Toxicol.* 11: 239-244.

EcoReference No.: 38329

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

56. Portmann, J. E. (1972). Results of Acute Toxicity Tests with Marine Organisms, Using a Standard Method. In: *M.Ruivo (Ed.), Marine Pollution and Sea Life, FAO, Rome, Italy / Fishing News (Books) Ltd., London, England* 212-217 (Author Communication Used).

EcoReference No.: 9258

Chemical of Concern:

Maneb,Zn,NYP,Fe,Cr,Cu,ACY,MLN,FML,SZ,DDT,PL,PRN,MCRE,HCCH,ATZ,DLD,PAQ
T,AZ,Hg,DQT,Br,ES,Ni; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(AZ,ATZ,SZ,Cu,Cr),OK(ALL CHEMS).

57. Portmann, J. E. and Wilson, K. W. (1971). The Toxicity of 140 Substances to the Brown Shrimp and Other Marine Animals. *Shellfish Information Leaflet No.22 (2nd Ed.)*, Ministry of Agric.Fish.Food, Fish.Lab.Burnham-on-Crouch, Essex, and Fish Exp.Station Conway, North Wales 12 p.

EcoReference No.: 906

Chemical of Concern:

SZ,24DXY,ATZ,AZ,DBN,DMT,MLN,CuS,CrAC,SFL,HgCl₂,NYP,Cd,Pb,Maneb,DDT,FML
,PRN,EPRN,DLD,DPDP,PAQT,PL,ACY,ES,HCCH,MCRE,Tl; Habitat: A; Effect Codes:
MOR; Rejection Code: LITE EVAL CODED(AZ,ATZ,SZ,DMT,CuS,CrAC),OK(ALL
CHEMS).

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EcoReference No.: 78955

Chemical of Concern: PRT,CYP,MANEB; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PRT),OK(CYP),NO CROP(Maneb).

59. Rhodes, L. H. and Larsen, P. O. (1981). Effects of Fungicides on Mycorrhizal Development of Creeping Bentgrass . *Plant Dis.* 65: 145-147.

EcoReference No.: 72273

Chemical of Concern: CLNB,ANZ,BMY,IPD,PNB,CTN,TDF,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(Maneb,CTN).

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EcoReference No.: 90079

Chemical of Concern: ABZM,Maneb,CuOH; Habitat: T; Effect Codes:
MOR,PHY,POP,GRO; Rejection Code: OK(ABZM,CuOH),NO CROP(Maneb).

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EcoReference No.: 63488

Chemical of Concern:

ANZ,BTN,CTN,CPZ,DFC,FRM,Folpet,HCZ,IPD,PCZ,TEZ,TDM,TFR,MZB,MEM,Maneb,T
HM,VCZ,Captan; Habitat: T; Effect Codes: REP,MOR; Rejection Code: LITE EVAL
CODED(Folpet,CTN,MZB,Maneb),OK(ALL CHEMS),NO COC(MTAS),TARGET TFR,NO
COC(Captan).

62. Sanchez, E., Soto, J. M., Uvalle, J. X., Hernandez, A. P., Ruiz, J. M., and Romero, L. (2001). Chemical Treatments in "Golden Delicious Spur" Fruits in Relation to Russetting and Nutritional Status. *J.Plant Nutr.* 24: 191-202.

Chemical of Concern: Mn,MANEB; Habitat: T; Rejection Code: NO CROP (MANEB).

63. Schnelle, M. A. and Hensley, D. L. (1990). Effects of Pesticides upon Nitrogen Fixation and Nodulation by Dry Bean. *Pestic.Sci.* 28: 83-88.
- EcoReference No.: 53973
 Chemical of Concern:
 CTN,Captan,BMY,FNV,SXD,DCF,MLN,BT,TFN,ACR,Maneb,EPTC,PNB,ES,DZ,CBL;
Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(DZ),NO CROP(CTN,Captan,MLN,Maneb),OK(ALL CHEMS,TARGET-CBL).
64. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.
- EcoReference No.: 88676
 Chemical of Concern:
 Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX,ETU,PZM;
Habitat: T; Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(CBL,ETU,Maneb),NO ENDPOINT(MOM),OK(ALL CHEMS),NO COC(MTAS).
65. Serio, R., Long, R. A., Taylor, J. E., Tolman, R. L., Weppelman, R. M., and Olson, G. (1984). The Antifertility and Antiadrenergic Actions of Thiocarbamate Fungicides in Laying Hens. *Toxicol.Appl.Pharmacol.* 72: 333-342.
- EcoReference No.: 38720
 Chemical of Concern: THM,Maneb,Ziram,Zineb,FBM; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(Maneb),OK(THM,Ziram,Zineb,FBM).
66. Shtenberg, A. I., Kirlich, A. E., and Orlova, N. V. (1969). Toxicological Characteristics of Maneb used in Treatment of Food Crops. *Vop.Pitan.* 28: 66-72.
- Chemical of Concern: Maneb; Habitat: T; Rejection Code: NO CROP(Maneb).
67. Shtienberg, D. (1995). Rational Suppression of Sunflower Rust: Development and Evaluation of an Action Threshold . *Plant Dis.* 79: 506-510.
- EcoReference No.: 89835
 Chemical of Concern: DFC,TEZ,CPZ,Maneb,FNB,HCZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(Maneb),OK(ALL CHEMS).
68. Solel, Z., Oren, Y., and Kimchi, M. (1997). Control of Alternaria Brown Spot of Minneola Tangelo with Fungicides. *Crop Prot.* 16: 659-664.
- EcoReference No.: 90073
 Chemical of Concern: IPD,Captan,Folpet,Maneb,MEM,CuOH,CTN,FZN,TEZ; Habitat: T; Effect Codes: POP,CEL; Rejection Code: OK(ALL CHEMS),OK TARGET,NO CROP(Captan,Maneb,CTN,Folpet).
69. Stephenson, G. R., Phatak, S. C., Makowski, R. I., and Bouw, W. J. (1980). Phytotoxic Interactions Involving Metribuzin and Other Pesticides in Tomatoes. *Can.J.Plant Sci.* 60: 167-175.
- EcoReference No.: 26089
 Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,Maneb,TFN;
Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DZ),NO CROP(MLN,MZB,CTN,Maneb),OK(ES,CBF,DEM,MVP,TFN,TARGET-CBL).
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167-175.

EcoReference No.: 26089

Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,MANEB,TFN;
Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(DZ),OK(ALL
CHEMS).

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Chemical of Concern: MANEB; Habitat: T; Rejection Code: NO CROP(Maneb).

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Chemical of Concern: Maneb; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: LITE
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EcoReference No.: 81013

Chemical of Concern: TCMTB,MEM,Maneb,TDM,ILL,MZB; Habitat: T; Effect Codes:
POP; Rejection Code: LITE EVAL CODED(TCMTB),OK(MEM,TDM,ILL),NO
CROP(Maneb,MZB).

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Chemical of Concern: Zn,MANEB; Habitat: T; Rejection Code: NO CROP (MANEB).

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EcoReference No.: 91174

Chemical of Concern: CAP,Captan,Ziram,Maneb; Habitat: T; Effect Codes: POP;
Rejection Code: LITE EVAL CODED(CAP,Captan,Maneb).

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EcoReference No.: 90127

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

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EcoReference No.: 90135

Chemical of Concern: PAQT,Maneb; Habitat: T; Effect Codes: GRO,PHY,BEH; Rejection

Code: LITE EVAL CODED(Maneb),OK(PAQT).

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EcoReference No.: 75057

Chemical of Concern: Hg,Maneb,Captan,BMY,CLNB,HPT,THM,TDF,MZB; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(TDF),OK(Hg,BMY,CLNB,HPT,THM),OK TARGET,NO CROP(Maneb,Captan,MZB).

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EcoReference No.: 11456

Chemical of Concern: Zn,Maneb; Habitat: A; Rejection Code: LITE EVAL CODED(Maneb).

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EcoReference No.: 39264

Chemical of Concern:

MZB,MnS04,ZnS,FBM,Captan,PHSL,ES,Ziram,Zineb,24DXY,Maneb; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MZB,Maneb,Captan),OK(ALL CHEMS).

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EcoReference No.: 90436

Chemical of Concern:

PMR,DZ,DDT,DMT,Captan,Maneb,BMC,PAQT,PCL,24DXY,CBL,CPY,CBF; Habitat: T; Effect Codes: MOR,CEL; Rejection Code: LITE EVAL CODED(Captan,Maneb,BMC),OK TARGET(DMT),OK(ALL CHEMS).

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EcoReference No.: 90895

Chemical of Concern: Captan,Maneb,MLN,DCF; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(Captan,Maneb,MLN).

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EcoReference No.: 89179

Chemical of Concern: MXC,DZ,MLN,Maneb,Zineb,FBM,DOD,Captan; Habitat: T; Effect Codes: REP; Rejection Code: OK(ALL CHEMS),OK TARGET(Maneb,Captan).

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EcoReference No.: 90495

Chemical of Concern: MYC,PCZ,BMY,TPM,IPD,Captan,Maneb,Ziram,AZX; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(Captan,Maneb).

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EcoReference No.: 70497

Chemical of Concern: Captan,Maneb,Zineb,MOM,MLN,PMR,BT,SXD,TFN,DZ,CBL,PNB; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(MLN,MOM,DZ,Captan,Maneb),OK TARGET(CBL,SXD),OK(PMR,BT,TFN,PNB).

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EcoReference No.: 5427

Chemical of Concern: MANEB; Habitat: A; Rejection Code: LITE EVAL CODED(Maneb).

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EcoReference No.: 55895

Chemical of Concern: Maneb; Habitat: A; Rejection Code: LITE EVAL CODED(Maneb).

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EcoReference No.: 39505

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

(H.2.) ETU

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

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EcoReference No.: 91169

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

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EcoReference No.: 12119
Chemical of Concern: Nabam,MITC,ETU; Habitat: A; Effect Codes: GRO,BEH,MOR,CEL; Rejection Code: LITE EVAL CODED(MITC,ETU),OK(Nabam).
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EcoReference No.: 58855
Chemical of Concern: Mirex,NiCL,MRX,CBL,TXP,CCA,EN,BMY,ETU,DCM,HCCP,CHD; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(CBL,ETU),OK(ALL CHEMS)//OK Coded DJG//.
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EcoReference No.: 90173
Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: BEH,PHY,MOR,GRO,REP,CEL; Rejection Code: LITE EVAL CODED(ETU,Maneb).
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EcoReference No.: 86129
Chemical of Concern: ETU; Habitat: T; Effect Codes: REP,BEH,MOR,BCM,CEL,PHY,GRO; Rejection Code: LITE EVAL CODED(ETU).
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EcoReference No.: 90117
Chemical of Concern: AsAC,CdCl,ETU; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(ETU),OK(AsAC,CdCl).
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EcoReference No.: 91195
Chemical of Concern: ETU,SAC; Habitat: T; Effect Codes: MOR,GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(ETU,SAC).
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EcoReference No.: 90121
Chemical of Concern: ETU; Habitat: T; Effect Codes: REP,GRO,MOR,CEL,PHY,BCM; Rejection Code: LITE EVAL CODED(ETU).
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Fundam.Appl.Toxicol. 17: 696-722.

EcoReference No.: 90116

Chemical of Concern: MRX,ETU,CdCl,DINO; Habitat: AT; Effect Codes: MOR,GRO,BEH,CEL; Rejection Code: LITE EVAL CODED(ETU),OK(MRX,CdCl,DINO).

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EcoReference No.: 61841

Chemical of Concern: MZB,Maneb,ETU; Habitat: T; Effect Codes: BCM,MOR,GRO; Rejection Code: LITE EVAL CODED(ETU,MZB),NO ENDPOINT(Maneb).

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EcoReference No.: 90438

Chemical of Concern: AN,ETU; Habitat: T; Effect Codes: MOR,GRO,REP,BEH; Rejection Code: LITE EVAL CODED(ETU),OK(AN).

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Chemical of Concern: ETU; Habitat: A; Rejection Code: LITE EVAL CODED(ETU).

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EcoReference No.: 49688

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

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EcoReference No.: 90917

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

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EcoReference No.: 65506

Chemical of Concern: EN,CBL,ETU,BMY,DCM,NiCl,CHD,HCCH; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(ETU),OK(ALL CHEMS)//OK Coded ISSI//.

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EcoReference No.: 65340

Chemical of Concern: EDTA,DCM,HCCH,MRX,TXP,EN,ETU,CBL,BMY,CHD,Se;

Habitat: T; Effect Codes: BEH,POP; Rejection Code: LITE EVAL CODED(ETU),OK(ALL CHEMS)//OK Coded ISSI//.

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EcoReference No.: 64567

Chemical of Concern: TBA,DM,Maneb,MZB,ETU,Mn,MTSM,CBD,DMT; Habitat: A;

Effect Codes: BCM,ACC; Rejection Code: LITE EVAL CODED(Maneb,MZB,ETU,DMT).

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EcoReference No.: 49969

Chemical of Concern: TEG,ETU,An,DGME,EGY,NAPH,PAH,TOL; Habitat: T; Effect

Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(ETU,NAPH),OK(ALL CHEMS)//OK Coded DJG (PAH) //OK Coded ISSI (Se)//.

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EcoReference No.: 91266

Chemical of Concern: DCB,ETU; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(ETU),OK(DCB).

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EcoReference No.: 90417

Chemical of Concern: ETU,EGY,DEG; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(ETU),OK(EGY,DEG).

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EcoReference No.: 90269

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

23. Khera, K. S. and Shah, B. G. (1979). Failure of Zinc Acetate to Reduce Ethylenethiourea-Induced Fetal Anomalies in Rats. *Toxicol.Appl.Pharmacol.* 48: 229-235 .

EcoReference No.: 67806

Chemical of Concern: ZnAc,ETU; Habitat: T; Effect Codes: ACC,GRO,REP; Rejection Code: LITE EVAL CODED(ETU),OK(ZnAc)//Ok Coded DJG// .

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EcoReference No.: 90448

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

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EcoReference No.: 90501

Chemical of Concern: THM,Nabam,FBM,Zineb,Maneb,ETU; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(Maneb,ETU),OK(THM).

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EcoReference No.: 88677

Chemical of Concern: ETU,TEAM,AN,ACL,ACD,DPA,HOX; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ETU),OK(ALL CHEMS),NO COC(MTAS).

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EcoReference No.: 90124

Chemical of Concern: Nabam,ETU; Habitat: T; Effect Codes: ACC,GRO,BEH,PHY,CEL; Rejection Code: LITE EVAL CODED(ETU),OK(Nabam).

28. Kurtio, P., Savolainen, K., Tuominen, R., Kosma, V.-M., Naukkarinen, A., Mannisto, P., and Collan, Y. (1986). Ethylenethiourea and Nabam Induced Alterations of Function and Morphology of Thyroid Gland in Rats. *Arch.Toxicol.Suppl.* 9: 339-344.

EcoReference No.: 90502

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

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EcoReference No.: 90174

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

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EcoReference No.: 87192

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

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EcoReference No.: 90505

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

32. Lewerenz, H. J. and Plass, R. (1984). Contrasting Effects of Ethylenethiourea on Hepatic Monooxygenases in Rats and Mice. *Arch.Toxicol.* 56: 92-95.

EcoReference No.: 90123
Chemical of Concern: ETU; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(ETU).
33. Lu, M.-H. and Staples, R. E. (1978). Teratogenicity of Ethylenethiourea and Thyroid Function in the Rat. *Teratology* 17: 171-178.

EcoReference No.: 37757
Chemical of Concern: ETU; Habitat: T; Effect Codes: GRO,BCM,REP,MOR; Rejection Code: LITE EVAL CODED(ETU).
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EcoReference No.: 90296
Chemical of Concern: ETU,NBZ; Habitat: T; Effect Codes: CEL,MOR,PHY; Rejection Code: LITE EVAL CODED(ETU),OK(NBZ).
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EcoReference No.: 87769
Chemical of Concern: Zineb,ETU; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(ETU),OK(Zineb).
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EcoReference No.: 90503
Chemical of Concern: ETU; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(ETU).
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EcoReference No.: 91171
Chemical of Concern: ETU,TOL; Habitat: T; Effect Codes: PHY,GRO,MOR,REP,BEH; Rejection Code: LITE EVAL CODED(ETU).
38. National Toxicology Program (1992). Toxicology and Carcinogenesis Studies of Ethylene Thiourea in F344/N Rats and B6C3F1 Mice (Feed Studies). *NTP Tech.Rep.Ser.No.388, National Toxicology Program* 390 p.

EcoReference No.: 90086
Chemical of Concern: ETU; Habitat: T; Effect Codes: CEL,PHY,MOR,GRO,BEH,BCM; Rejection Code: LITE EVAL CODED(ETU).
39. Nebbia, C. and Fink-Gremmels, J. (1996). Acute Effects of Low Doses of Zineb and Ethylenethiourea on Thyroid Function in the Male Rat. *Bull.Environ.Contam.Toxicol.* 56: 847-852.

EcoReference No.: 40198

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

40. Newsome, W. H., Yagminas, A. P., Villeneuve, D. C., and Franklin, C. A. (1978). The Effect of Sodium Bromide Ingestion on the Goitrogenic Action of Ethylenethiourea in the Male Rat. *Bull.Environ.Contam.Toxicol.* 20: 678-686.

EcoReference No.: 90122

Chemical of Concern: ETU,NaBr; Habitat: T; Effect Codes: BEH,GRO,BCM,ACC; Rejection Code: LITE EVAL CODED(ETU),OK(NaBr).

41. O'Neil, W. M. and Marshall, W. D. (1984). Goitrogenic Effects of Ethylenethiourea on Rat Thyroid. *Pestic.Biochem.Physiol.* 21: 92-101.

EcoReference No.: 91202

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

42. Ohta, T., Tokishita, S., Shiga, Y., Hanazato, T., and Yamagata, H. (1998). An Assay System for Detecting Environmental Toxicants with Cultured Cladoceran Eggs In Vitro: Malformations Induced by Ethylenethiourea. *Environ.Res.* 77A: 43-48.

EcoReference No.: 60962

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

43. Opitz, R., Braunbeck, T., Bogi, C., Pickford, D. B., Nentwig, G., Oehlmann, J., Tooi, O., Lutz, I., and Kloas, W. (2005). Description and Initial Evaluation of a Xenopus Metamorphosis Assay for Detection of Thyroid System-Disrupting Activities of Environmental Compounds. *Environ.Toxicol.Chem.* 24: 653-664.

EcoReference No.: 80415

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

44. Opitz, R., Hartmann, S., Blank, T., Braunbeck, T., Lutz, I., and Kloas, W. (2006). Evaluation of Histological and Molecular Endpoints for Enhanced Detection of Thyroid System Disruption in Xenopus laevis Tadpoles. *Toxicol.Sci.* 90: 337-348.

EcoReference No.: 90300

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

45. Osaba, L., Rey, M. J., Aguirre, A., Alonso, A., and Graf, U. (2002). Evaluation of Genotoxicity of Captan, Maneb and Zineb in the Wing Spot Test of Drosophila melanogaster: Role of Nitrosation. *Mutat.Res.* 518: 95-106.

EcoReference No.: 90082

Chemical of Concern: Captan,Maneb,Zineb,ETU; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(Captan,Maneb,ETU),OK(Zineb).

46. Plasterer, M. R., Bradshaw, W. S., Booth, G. M., Carter, M. W., Schuler, R. L., and Hardin, B. D. (1985). Developmental Toxicity of Nine Selected Compounds Following Prenatal Exposure in the Mouse: Naphthalene, p-Nitrophenol, Sodium Selenite, Dimethyl Phthalate, Ethylenethiourea, and Four Glycol Ether Derivatives. *J.Toxicol.Environ.Health* 15: 25-38.

EcoReference No.: 38350

Chemical of Concern: NP,ETU,NAPH,Se,PAH; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(ETU,NAPH),OK(NP,Se,PAH)//OK Coded ISSI (Se).

47. Rodriguez-Arnaiz, R. (1997). Genotoxic Activation of Hydrazine, Two Dialkylhydrazines, Thiourea and Ethylene Thiourea in the Somatic w/w+ Assay of *Drosophila melanogaster*. *Mutat.Res.* 395: 229-242.

EcoReference No.: 90307

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

48. Saillenfait, A. M., Sabate, J. P., Langonne, I., and De Ceaurriz, J. (1991). Difference in the Developmental Toxicity of Ethylenethiourea and Three N,N'-Substituted Thiourea Derivatives in Rats. *Fundam.Appl.Toxicol.* 17: 399-408 .

EcoReference No.: 90115

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

49. Sasaki, Y. F., Izumiyama, F., Nishidate, E., Matsusaka, N., and Tsuda, S. (1997). Detection of Rodent Liver Carcinogen Genotoxicity by the Alkaline Single-Cell Gel Electrophoresis (Comet) Assay in Multiple Mouse Organs (Liver, Lung, Spleen, Kidney, and Bone Marrow). *Mutat.Res.* 391: 201-214.

EcoReference No.: 90309

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

50. Seegmiller, R. E., Carter, M. W., Ford, W. H., and White, R. D. (1990). Induction of Maternal Toxicity in the Rat by Dermal Application of Retinoic Acid and Its Effect on Fetal Outcome. *Reprod.Toxicol.* 4: 277-281.

EcoReference No.: 91170

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

51. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern: Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX,ETU,PZM; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: LITE EVAL CODED(CBL,ETU,Maneb),NO ENDPOINT(MOM),OK(ALL CHEMS),NO COC(MTAS).

52. Shimizu, M., Yamano, T., and Noda, T. (1999). Effects of Zinc 2-Mercaptobenzimidazolate on Pregnant Rats by Oral Treatment. *J.Health Sci.* 45: 184-190.

EcoReference No.: 85621

Chemical of Concern: Zn,ETU; Habitat: T; Effect Codes: GRO,BEH,REP,POP,MOR; Rejection Code: LITE EVAL CODED(ETU),OK(Zn).

53. Shirasu, Y., Moriya, M., Kato, K., Lienard, F., Tezuka, H., Teramoto, S., and Kada, T. (1977).

Mutagenicity Screening on Pesticides and Modification Products: A Basis of Carcinogenicity Evaluation. *H.H.Hiatt, J.D.Watson, and J.A.Winsten (Eds.), Origins of Human Cancer, Cold Spring Harbor Lab.* 267 p.

EcoReference No.: 90922

Chemical of Concern: FBM,CAP,Captan,Folpet,DDVP,ETU,Ziram,DMT; Habitat: T;

Effect Codes: CEL,BCM,REP,MOR; Rejection Code: LITE EVAL

CODED(ETU,Captan),NO BACTERIA(Ziram,DDVP,CAP,FBM,Folpet,DMT).

54. Smith, K. N. (1984). Determination of the Reproductive Effects in Mice of Nine Selected Chemicals. *Report, Bioassay Systems Corp.for the Natl.Inst.for Occup.Saf.and Health, Woburn, MA* 111 p. (NTIS PB 84-183540).

EcoReference No.: 90416

Chemical of Concern: DEG,ETU,EGME,TOL; Habitat: T; Effect Codes: REP,GRO,MOR;

Rejection Code: LITE EVAL CODED(ETU),OK(DEG,EGME,TOL).

55. Teramoto, S., Kaneda, M., Suzuki, R., Aoyama, H., Kobayashi, H., and Shirasu, Y. (1983). Assessment of Teratogenicity of Ethylenethiourea. *In: J.Miyamoto and P.C.Kearney (Eds.), Proc.5th Int.Congr.of Pesticide Chemistry: Human Welfare and the Environment, Aug.4-Sept.4, 1982, Kyoto, Japan, Pergamon Press, Oxford, England* 479-484.

EcoReference No.: 81309

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

56. Teramoto, S., Shingu, A., and Shirasu, Y. (1978). Induction of Dominant-Lethal Mutations After Administration of Ethylenethiourea in Combination With Nitrite of the N-Nitroso-Ethylenethiourea in Mice. *Mutat.Res.* 56: 335-340.

EcoReference No.: 91143

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

57. Tsuchiya, T., Nakamura, A., Iio, T., and Takahashi, A. (1991). Species Differences Between Rats and Mice in the Teratogenic Action of Ethylenethiourea: In Vivo/In Vitro Tests and Teratogenic Activity of Sera Using an Embryonic Cell Differentiation System. *Toxicol.Appl.Pharmacol.* 109: 1-6.

EcoReference No.: 90118

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

58. Ugazio, G., Brossa, O., and Grignolo, F. (1985). Hepato- and Neuro-Toxicity by Ethylenthioiurea. *Res.Commun.Chem.Pathol.Pharmacol.* 48: 401-414.

EcoReference No.: 91144

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

59. Yoshida, A., Harada, T., and Maita, K. (1993). Tumor Induction by Concurrent Oral Administration of Ethylenethiourea and Sodium Nitrite in Mice. *Toxicol.Pathol.* 21: 303-310.

EcoReference No.: 91196

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

H.3. Articles relevant to mancozeb, maneb, and ETU related articles which were accepted by ECOTOX, but not by OPP because endpoints were less sensitive than existing data.

(H.3.) Mancozeb

1. Agrawal, S. C. and Misra, U. (2002). Vegetative Survival, Akinete and Zoosporangium Formation and Germination in Some Selected Algae as Affected by Nutrients, pH, Metals, and Pesticides. *Folia Microbiol.* 47: 527-534.

EcoReference No.: 74661

Chemical of Concern: Co,CuS,Zn,Hg,Pb,PRT,CBF,24DXY,MZB,CBD; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

2. Al-Khatib, K., Libbey, C., Kadir, S., and Boydston, R. (1997). Differential Varietal Response of Green Pea (*Pisum sativum*) to Metribuzin. *Weed Technol.* 11: 775-781.

EcoReference No.: 63450

Chemical of Concern: MZB,DMM; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: NO CONTROL,ENDPOINT(MZB).

3. Auger, P., Kreiter, S., Mattioda, H., and Duriatti, A. (2004). Side Effects of Mancozeb on *Typhlodromus pyri* (Acari: Phytoseiidae) in Vineyards: Results of Multi-Year Field Trials and a Laboratory Study. *Exp.Appl.Acarol.* 33: 203-213 .

EcoReference No.: 90530

Chemical of Concern: MZB,Folpet; Habitat: T; Effect Codes: MOR,REP; Rejection Code: NO CONTROL(MZB,Folpet),NO COC(Maneb).

4. Bailey, T. A. and Jeffrey, S. M. (1989). Evaluation of 215 Candidate Fungicides for Use in Fish Culture. *Invest.Fish Control No.99, Fish Wildl.Serv., Bur.Sport Fish.Wildl., U.S.D.I., Washington, D.C.*: 9 p.

EcoReference No.: 895

Chemical of Concern:

ANZ,BMY,BRA,BSN881,BTN,Captan,Cu,CuOS,CuOX,CuS,DBAC,DIIS,DLN,DPHP,DQT Br,FML,Folpet,ILL,KDDC,KI,KPM,MEM,MLX,MZB,NaPTN,OPHP,OTQ,OYZ,PPMH,PP R,PXDZN,SBAK,TBA,TCMTB,TDF,TDM,TFM,TFR,THM,TPTH,Zineb; Habitat: A; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(DIIS,TCMTB,DBAC,Folpet),OK(ANZ,CuOS,CuOX,CuS,DLN,DPHP,DQTBr,FML,ILL,KPM,MEM,NaPTN,OYZ,PPMH,TBA,TFM,THM).

5. Barhate, B. G. and Raut, S. P. (1990). A Study on Twig Blight of Wal. *J.Maharashtra Agric.Univ.* 15: 241-242.

EcoReference No.: 90833

Chemical of Concern: MZB,Zineb; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(MZB).

6. Bochow, H. (1991). *Bacillus Subtilis* T 99, A Biocontrol Agent of Soil-Borne Fungal Diseases of Greenhouse Crops. In: A.B.R.Beemster, et al.(Eds.), *Developments in Agricultural and Managed-Forest Ecology.Biotic Interactions and Soil-Borne Diseases, 1st Conf.of the Eur.Found.for Plant Pathol, Feb.26-Mar.2, 1990, Wageningen, Netherlands* 23: 236-240.

EcoReference No.: 91038

Chemical of Concern: Zineb,MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(MZB).

7. Brisbane, P. G., Harris, J. R., and Moen, R. (1989). Inhibition of Fungi from Wheat Roots by *Pseudomonas fluorescens* 2-79 and Fungicides. *Soil Biol.Biochem.* 21: 1019-1025.

EcoReference No.: 70529

Chemical of Concern: BTN,TDF,BMY,CTN,MZB,MLX,IPD,PNB,Zineb; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO CONTROL,ENDPOINT(TDF,BMY,CTN,MZB,IPD,PNB,Zineb),OK(BTN,MLX).

8. Briza, J. (1989). Estimation of Mutagenicity and Metabolic Activation after Recurrent Exposures of *Nicotiana tabacum* L. var. Xanthi to 14 Pesticides. *Biol.Plant* 31: 145-151.

EcoReference No.: 90831

Chemical of Concern: DINO,BMY,MZB,TPM,FNT,MLH; Habitat: T; Effect Codes: CEL,GRO,MOR; Rejection Code: NO ENDPOINT(MZB).

9. Buckner, C. H., McLeod, B. B., Gochnauer, T. A., and Lough, R. (1976). Effects of the Fungicide Dithane M-45 on Colonies of Honey Bees, *Apis Mellifera* Linneaus. *Manitoba Entomol.* 10: 46-48.

EcoReference No.: 35058

Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,REP,BEH; Rejection Code: NO CONTROL,NO ENDPOINT(MZB).

10. Chandra, S., Kumar, S., and Singh, A. K. (1998). Management of *Cercospora* Leaf Spot of Groundnut (*Arachis hypogaea* L.) with a Single Fungicidal Spray. *Int.J.Pest Manag.* 44: 135-137.

EcoReference No.: 90716

Chemical of Concern: CBD,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MZB).

11. Chauhan, H. L. and Patel, M. H. (1990). Etiology of Complex Rhizome Rot of Ginger (*Zinziber officinale*) in Gujarat and In-Vitro Screening of Fungicides Against Its Causal Agents. *Indian J.Agric.Sci.* 60: 80-81.

EcoReference No.: 91289

Chemical of Concern: MLX,CAP,CBD,TPM,MZB,THM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(CAP,MZB,THM).

12. Church, R. M. and Williams, R. R. (1983). The Effects of Pre-Blossom Fungicide Sprays on the Ability of Cox's Orange Pippin Apple Flowers to Produce Fruit. *J.Hortic.Sci.* 58: 169-172.

EcoReference No.: 25304

Chemical of Concern: BMY,Captan,DINO,DOD,MZB,Zineb,SFR,TPE,TFR; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: LITE EVAL CODED(TFR),NO CROP(Captan),NO MIXTURE(MZB,Zineb),OK(BMY,DINO,DOD,SFR,TPE).

13. Church, R. M. and Williams, R. R. (1977). The Toxicity to Apple Pollen of Several Fungicides, as Demonstrated by In Vivo and In Vitro Techniques. *J.Hortic.Sci.* 52: 429-436.

EcoReference No.: 28879

Chemical of Concern: Zineb,MZB,SFR,Captan,DINO,TPM,BMY,TFR; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(TFR),NO MIXTURE(MZB),NO CROP(Captan).

14. Cranshaw, W. S. and Liewehr, D. J. (1990). Effects of Colored Sprays on Aphid and Psyllid Colonization of Potatoes. *Southwest.Entomol.* 15: 205-210.

EcoReference No.: 90433
Chemical of Concern: CYT,CTN,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(Maneb,CTN),OK TARGET(CYT),NO COC(MZB).
15. Creemers, P. and Vanmechelen, A. (1993). Side Effects of Fungicides on Pome Fruit. *Med.Fac.Landbouww.Univ.Gent.* 58: 1421-1429.

EcoReference No.: 88675
Chemical of Concern: Captan,MZB,MEM,FRM,TDF,Maneb,THM; Habitat: T; Effect Codes: BCM,POP; Rejection Code: NO COC(MTAS),NO ENDPOINT(ALL CHEMS).
16. Cserjesi, A. J. and Johnson, E. L. (1982). Mold and Sapstain Control: Laboratory and Field Tests of 44 Fungicidal Formulations. *For.Prod.J.* 32: 59-68.

EcoReference No.: 82323
Chemical of Concern: GTN,PCP,MZB,Maneb,Captan,Folpet,BSN,DBAC,BMY,TCMTB; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MZB,Maneb,Captan).
17. Dadwal, V. S. and Jamaluddin (1992). A Leaf Spot Disease of Ficus religiosa and Its Control. *Indian For.* 118: 599-600.

EcoReference No.: 90717
Chemical of Concern: CBD,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO CONC,DURATION,CONTROL,ENDPOINT(MZB).
18. Dahmen, H. and Staub, T. (1992). Protective, Curative, and Eradicant Activity of Difenconazole Against Venturia inaequalis, Cercospora arachidicola, and Alternaria solani. *Plant Dis.* 76: 774-777.

EcoReference No.: 90430
Chemical of Concern: DFC,CTN,PCZ,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).
19. Dobos, J. (1988). Possibilities of Protection Against Septoria digitalis Pass. *Herba Hung.* 27: 81-88.

EcoReference No.: 90805
Chemical of Concern: MZB,BMY; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: NO ENDPOINT(MZB,BMY).
20. Dobson, S. C. and Clarkson, J. D. S. (1989). Comparison of Fungicides for the Control of White Tip (Phytophthora porri) on Leeks. *Tests Agrochem.Cultiv.* 10: 42-43.

EcoReference No.: 91173
Chemical of Concern: CAP,CTN,MLX,MZB; Habitat: T; Effect Codes: POP; Rejection Code: OK(CAP,CTN),NO MIXTURE(MZB,MLX).
21. Dwivedi, S. K. and Singh, K. P. (1998). Fungitoxicity of Some Higher Plant Products Against Macrophomina phaseolina (Tassi) Goid. *Flavour Fragrance J.* 13: 397-399.

EcoReference No.: 91153
Chemical of Concern: BMY,MZB,TML; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(MZB).

22. Edland, T. (1994). Side-Effects of Fungicide and Insecticide Sprays on Phytoseiid Mites in Apple Orchards. *Norw.J.Agric.Sci.Suppl.* 17: 195-204.
- EcoReference No.: 77581
Chemical of Concern: TDF,BMY,ES,TBA,TFR,IPD,FNTH,MZB,PIRM,TYF,BTN; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
23. EPA/OTS (1992). Initial Submission: Dermal Sensitization Study with Penconazole and Mancozeb in Guinea Pigs with Cover Letter Dated 071092. *EPA/OTS Doc.#88-920004305* NTIS/OTS0540653.
- EcoReference No.: 90994; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO COC(MZB).
24. Fejes, S., Budai, P., Varnagy, L., Molnar, T., Szabo, R., and Fancsi, T. (2002). Toxicity of a Mancozeb Containing Fungicide Formulation and Cu-Sulphate to Chicken Embryos After Administration as Single Compounds or in Combination. *Meded.Fac.Landbouwwet.Univ.Gent* 67: 105-109.
- EcoReference No.: 77784
Chemical of Concern: CuS,MZB,MANEB; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).
25. Fell, R. D., Rajotte, E. G., and Yoder, K. S. (1983). Effects of Fungicide Sprays During Apple Bloom on Pollen Viability and Honey Bee Foraging. *Environ.Entomol.* 12: 1572-1575.
- EcoReference No.: 25221
Chemical of Concern: TPE,Captan,MZB,DINO,BMY,MEM,BTN; Habitat: T; Effect Codes: REP,BEH; Rejection Code: LITE EVAL CODED(Captan),NO MIXTURE(MZB,DINO).
26. Fontes, P. C. R., Moreira, M. A., Fontes, R. L. F., and Cardoso, A. A. (1999). Effects of Zinc Fungicides and Different Zinc Fertilizer Application Methods on Soluble and Total Zinc in Potato Plant Shoots. *Comm.Soil Sci.Plant Anal.* 30: 1847-1859.
- EcoReference No.: 57400
Chemical of Concern: MLX,CMX,Cu,CTN,MZB,ZnS; Habitat: T; Effect Codes: ACC; Rejection Code: NO MIXTURE(CMX,Cu,MZB),OK(MLX,CTN,ZnS).
27. Gautam, D. C. and Kapoor, L. (1991). Genotoxic Effects of Dithane M-45 on the Bone Marrow Cells of Mice In Vivo. *Experientia (Basel)* 47: 280-282.
- EcoReference No.: 90479
Chemical of Concern: MZB; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(MZB).
28. Gisi, U. (1996). Synergistic Interaction of Fungicides in Mixtures. *Phytopathology* 86: 1273-1279.
- EcoReference No.: 90470
Chemical of Concern: CPZ,DMB,BMN,MZB; Habitat: T; Effect Codes: GRO; Rejection Code: NO CONTROL(CPZ,DMB,BMN,TARGET-MZB).
29. Goff, W. D. and Miller, R. W. (1990). Laboratory and Field Testing of Fungicides Against *Mycosphaerella caryigena*. *Appl.Agric.Res.* 5: 134-141.
- EcoReference No.: 70782

Chemical of Concern:

PNB,Zn,Cu,CLNB,ANZ,BMY,Captan,CBX,CLNB,CTN,Cu,CuNH,CuOH,Folpet,FSTAL,MZB,Maneb,MEM,PCZ,PCNB,TBA,TPM,THM,TDM,CuS,TFR,VCZ,Zn,Zineb ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO
ENDPOINT(CLNB,Cu,CuNH,CuOH,TDM,CuS,VCZ,Zn),OK(ANZ,BMY,Captan,CBX,CTN,Folpet,FSTAL,MZB,Maneb,MEM,PCNB,TBA,TPM,THM,TFR,Zineb),OK
TARGET(PCZ),TARGET(CTN,MZB,Maneb,TFR,Captan).

30. Goff, W. D. and Miller, R. W. (1990). Persistence of Fungicides in Inhibiting Germination of Conidia of *Mycosphaerella caryigena*. *Appl.Agric.Res.* 5: 218-222.

EcoReference No.: 91141

Chemical of Concern:

ANZ,BMY,Captan,CAP,CTN,CuNH,DOD,Maneb,MZB,CTQ,TPM,THM,Zineb; Habitat: T; Effect Codes: REP,ACC; Rejection Code: NO
ENDPOINT(Captan,CAP,CTN,Maneb,MZB,THM).

31. Grech, N. M., Willers, P., Frean, R. T., and Marx, D. H. (1989). A New Leaf Spot of Ginger in Southern Africa and Its Control. *J.Phytopathol.* 126: 323-334.

EcoReference No.: 90719

Chemical of Concern: BMY,MZB,MB; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MZB).

32. Gullino, M. L., Romano, M. L., and Garibaldi, A. (1985). Identification and Response to Fungicides of *Colletotrichum gloeosporioides*, Incitant of Strawberry Black Rot in Italy. *Plant Dis.* 69: 608-609.

EcoReference No.: 72713

Chemical of Concern: VCZ,TCM,THM,DLN,CAP,MZB,BMY,Captan,IPD,CTN; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-CAP,MZB,Captan,CTN).

33. Gupta, A., Singh, D., and Maheshwari, V. K. (1992). Effect of Containers on the Viability of Fungicide Treated Chilli Seeds. *Seed Res.(New Delhi)* 20: 160-161.

EcoReference No.: 91039

Chemical of Concern: THM,Captan,CBD,MZB; Habitat: T; Effect Codes: REP; Rejection Code: NO ENDPOINT(THM,Captan,MZB).

34. Gupta, G. K. (1989). Pre-Leaf Fall Spray of Chemicals and Cow Urine in Suppression of Ascospores. *Pesticides (Bombay)* 23: 23-24.

EcoReference No.: 91216

Chemical of Concern: UREA,CBD,MZB,Captan; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(MZB,Captan).

35. Gupta, K. P. and Mehrotra, N. K. (1992). Status of Ornithine Decarboxylase Activity and DNA Synthesis in Mancozeb-Exposed Mouse Skin. *Carcinogenesis* 13: 131-133.

EcoReference No.: 90178

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

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EcoReference No.: 91070

Chemical of Concern: BMY,MZB,Captan,CBD; Habitat: T; Effect Codes: REP,POP;
Rejection Code: NO ENDPOINT(MZB,Captan).

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EcoReference No.: 91062

Chemical of Concern: TPM,Cu,CBD,MZB,Captan; Habitat: T; Effect Codes: POP;
Rejection Code: NO ENDPOINT(TARGET-Captan,MZB).

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EcoReference No.: 59146

Chemical of Concern: AMTL,ACP,PHMD,AMZ,PMR,SZ,CBL,MOM,MZB,PZM; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: NO CONTROL(SZ,PHMD),NO ENDPOINT(ALL CHEMS),NO COC(CTN,Captan).

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EcoReference No.: 63028

Chemical of Concern: CBD,THM,PYM,TPM,PHSL,DMB,Captan,MZB,LUF,PYX,ABM,MCPP2,Du; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 5607

Chemical of Concern: CBF,BMY,MZB,Zn; Habitat: A; Effect Codes: MOR,PHY,BEH;
Rejection Code: NO CONTROL.

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EcoReference No.: 90133

Chemical of Concern: Ziram,THM,MZB; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 91037

Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: NO COC(MZB).

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EcoReference No.: 90427
Chemical of Concern: CPY,AZ,IMC,TUZ,MZB,Ziram; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(ALL CHEMS).
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EcoReference No.: 90480
Chemical of Concern: AZ; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(MZB),OK(AZ).
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EcoReference No.: 88514
Chemical of Concern: MDP,MZB,DMH,CYZ,FZN,CTN; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MZB,CTN).
46. Hull, L. A. (1996). Apple, Airblast Evaluation Experiment of Acaricides, 1995. *Arthropod Manag. Tests* 21: 30-32 (23A).

EcoReference No.: 90373
Chemical of Concern: MZB,AZ,Ziram,DCF; Habitat: T; Effect Codes: POP; Rejection Code: OK(DCF),NO TOX DATA(MZB,AZ,Ziram).
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EcoReference No.: 90376
Chemical of Concern: MZB,Ziram,BMY,MP,OML; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(MP,OML),NO TOX DATA(MZB,Ziram,BMY).
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EcoReference No.: 91041
Chemical of Concern: THM,MZB; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(THM,MZB).
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EcoReference No.: 90989
Chemical of Concern: THM,Captan,IPD,CBD,MZB; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(THM,TARGET-Captan),MIXTURE(MZB) .
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EcoReference No.: 90929

Chemical of Concern: CYP,CBD,CPY,MZB; Habitat: T; Effect Codes: ACC,GRO,MOR,BEH,BCM; Rejection Code: OK(CPY),NO MIXTURE(MZB,CYP,CBD).

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EcoReference No.: 90211

Chemical of Concern: CBD,MZB,TPM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(CBD,TPM,TARGET-MZB).

52. Jamaluddin and Kumar, P. (1997). Leaf Blight of Dalbergia sissoo in Mist Chamber and Shadehouse. *Indian For.* 123 : 1199-1201.

EcoReference No.: 90718

Chemical of Concern: MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(MZB).

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EcoReference No.: 81029

Chemical of Concern: CBX,BTN,TDF,MZB,IPD,CTN,Captan,BMY,THM,TCMTB,OXC ; Habitat: T; Effect Codes: REP; Rejection Code: NO MIXTURE(TCMTB,TDF),OK(IPD,BMY,THM,OXC),NO CROP(MZB,CTN,Captan).

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EcoReference No.: 79079

Chemical of Concern: HCCH,CBX,TBA,MZB,ILL,DFC,FNB,TCZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK(DFC,FNB,TCZ,ILL),NO MIXTURE(HCCH,CBX,TBA,MZB).

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EcoReference No.: 91271

Chemical of Concern: Zineb,CBD,CAP,BMY,MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK(Zineb,CBD,CAP,BMY),NO TOX DATA(MZB).

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EcoReference No.: 90925

Chemical of Concern: MZB,CTN,AZX; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MZB,AZX),OK TARGET(CTN).

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EcoReference No.: 90428

Chemical of Concern: MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO ABSTRACT,MIXTURE(MZB).

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- User 1 Abbreviation: (ScienceDirect 1995-Present)
 EcoReference No.: 74145
 Chemical of Concern: MOM,PMR,FNT,MVP,PIM,CYP,FO,OML,BTN,TDF,BMY,MZB,MEM,TPM; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MZB)
59. Khan, R. H. and Rastogi, R. C. (1991). Condensed Heterocycles: Synthesis and Antifungal Activity of Pi-Deficient Pyrimidines Linked With Pi-Rich Heterocycles. *J.Agric.Food Chem.* 39: 2300-2303.
- EcoReference No.: 90218
 Chemical of Concern: MZB; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(TARGET-MZB).
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- EcoReference No.: 91228
 Chemical of Concern: THM,MZB,IPD,Zineb,Captan,CBD,FSTAI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(THM,MZB,Captan).
61. Koster, A. T. J. and Van der Meer, L. J. (1992). Control of *Botrytis* spp. in Tulip with Reduced Input of Chemical Crop Protection. In: K.Verhoeff, N.E.Malathrakis, and B.Williamson (Eds.), *Recent Advances in Botrytis Research, 10th Int.Botrytis Symp., Apr.5-10, 1992, Heraklion, Crete, Greece, PUDOC (Ctr.for Agric.Publ.and Documentation), Wageningen, Netherlands* 277-281.
- EcoReference No.: 90186
 Chemical of Concern: CBD,CTN,MZB,FZN; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CROP(CTN),OK(FZN),NO MIXTURE(CBD,MZB).
62. Krishnamoorthy, A. (1985). Effect of Several Pesticides on Eggs, Larvae and Adults of the Green Lace-Wing *Chrysopa scelestes* Banks. *Entomon* 10: 21-28.
- EcoReference No.: 90420
 Chemical of Concern: SFR,MOM,CBL,DDVP,DMT,MLN,PPHD,CPY,PHSL,DCF,ES; Habitat: T; Effect Codes: MOR,REP; Rejection Code: NO COC(MZB),OK TARGET(ALL CHEMS).
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- EcoReference No.: 90451
 Chemical of Concern: MZB,CBD; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(MZB,CBD).
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- EcoReference No.: 63880

Chemical of Concern: MBZ,DMM; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(MZB).

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EcoReference No.: 90995

Chemical of Concern: CAP,THM,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(CAP,THM,MZB),NO COC(Captan).

66. Kumar, R. and Lakpale, N. (1999). Impact of Fungicidal Application on Some Organic Constituents of Rust Infected Groundnut Leaves. *Geobios* 26: 67-68.

EcoReference No.: 91220

Chemical of Concern: BMY,TPM,Captan,MZB; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(Captan,MZB).

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EcoReference No.: 89837

Chemical of Concern: ETU; Habitat: T; Effect Codes: ACC; Rejection Code: NO COC(Maneb,MZB),NO ENDPOINT(ETU).

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EcoReference No.: 90219

Chemical of Concern: MZB,CBD; Habitat: T; Effect Codes: GRO; Rejection Code: NO MIXTURE(CBD,TARGET-MZB).

69. Labuschagne, N. and Kotze, J. M. (1996). Control of Groundnut Blackhull and Its Causal Fungus *Chalara elegans* with Fungicides. *Plant Pathol.* 45: 540-546.

EcoReference No.: 70554

Chemical of Concern:

BMY,CAP,CBX,Cu,DZM,FRM,Folpet,IPD,MZB,Maneb,PCZ,TBA,TPM,THM,TCM,PNB,TDF,TFR,VCZ,DCZ,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(CAP,FRM,Folpet,MZB,Maneb,TFR).

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EcoReference No.: 64783

Chemical of Concern: SFR,TFR,TPM,TEZ,PCZ,ANZ,BMY,CTN,IPD,MZB,MLX; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(CTN,TFR),OK(SFR,TFR,PCZ,MZB),NO ENDPOINT(TPM,TEZ,ANZ,IPD,MZB,MLX).

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EcoReference No.: 37644

Chemical of Concern: Maneb,MZB; Habitat: T; Effect Codes: REP,GRO,MOR; Rejection

Code: NO ENDPOINT(Maneb,MZB).

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EcoReference No.: 90619

Chemical of Concern: MZB,Folpet; Habitat: A; Effect Codes: BEH,MOR,GRO,PHY;
Rejection Code: LITE EVAL CODED(Folpet),NO CONTROL,ENDPOINT(MZB).

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EcoReference No.: 73066

Chemical of Concern: MZB,CTN,Zineb,TFR; Habitat: T; Effect Codes: POP,REP,PHY;
Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 90242

Chemical of Concern: MTM,IMC; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CTN,MZB),OK(IMC),OK TARGET(MTM).

75. Mani, M. (1995). Studies on the Toxicity of Pesticides to Cotesia Plutellae (Hymenoptera: Braconidae), a Parasitoid of Diamondback Moth, Plutella Xylostella (L.). *J.Insect Sci.* 8: 31-33.

EcoReference No.: 90902

Chemical of Concern:

AZD,MZB,FVL,CBL,DMT,MP,CTN,CuOS,ACP,PPHD,DDVP,ES,CPY; Habitat: T;
Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO MIXTURE(MZB).

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EcoReference No.: 67219

Chemical of Concern:

TDF,PPHD,DMT,ES,DDVP,FNV,CYP,DM,MP,FNTH,MLN,PHSL,CBL,FVL,CPY,AZD,FS TAI,Captan,Ziram,MZB,DINO,Cu,CTN,DCF; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(MLN,CBL).

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EcoReference No.: 90128

Chemical of Concern: MZB,THM,Maneb; Habitat: T; Effect Codes: REP,GRO,PHY,MOR; Rejection Code: LITE EVAL CODED(Maneb),OK(THM),MIXTURE(MZB) .

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EcoReference No.: 76514

Chemical of Concern: TDF,MZB,TEZ,FUZ,PCZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PCZ),OK(TEZ,FUZ),NO MIXTURE(MZB,TDF).

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EcoReference No.: 91004

Chemical of Concern: MZB,THM,CBX,CAP,BMY,TDF,TDM,TBA; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO MIXTURE(MZB,THM,CBX),OK(CAP,TDF).

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EcoReference No.: 90478; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(Maneb,MZB).

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EcoReference No.: 90906

Chemical of Concern: TCM,CBD,CTN,MZB,TFR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(MZB,CTN,TFR).

82. Midha, S. K. and Chohan, J. S. (1971). Relative Efficacy of Fungicides Against *Colletotrichum gloeosporioides* the Casual Agent of Fruit Rot of Guava (*Psidium guajava* L.). *Indian J.Mycol.Plant Pathol.* 1: 15-19.

EcoReference No.: 72482

Chemical of Concern: THM,Captan,Maneb,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(TARGET-Captan,MZB,Maneb).

83. Milus, E. A. (1994). Effect of Foliar Fungicides on Disease Control, Yield and Test Weight of Soft Red Winter Wheat. *Crop Prot.* 13: 291-295.

EcoReference No.: 76462

Chemical of Concern: PCZ,MZB,TEZ,TDF; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PCZ),OK(TEZ),NO MIXTURE(TDF,MZB).

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EcoReference No.: 90249

Chemical of Concern: MZB; Habitat: T; Effect Codes: MOR,CEL,GRO; Rejection Code: NO ENDPOINT(MZB).

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EcoReference No.: 91200

Chemical of Concern: MZB,DINO,CTN,Captan,CAP,BMY,TDM,TBA,PCZ,Maneb,THM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern: Nabam; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: NO COC(MLN,MZB,Maneb).
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- EcoReference No.: 91221
Chemical of Concern: CBX,CBD,MZB,DINO,Captan; Habitat: T; Effect Codes: REP,MOR; Rejection Code: NO CONTROL(CBX,CBD,MZB,DINO,Captan).
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- EcoReference No.: 91185
Chemical of Concern: MZB,CAP,BMY,EP,CBF,OML,FMP,MLX; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(BMY,EP,CBF,MLX,OML,FMP),NO MIXTURE(MZB,CAP).
89. Nagy, J., Ratkos, J., and Toth, O. (1994). Effects of Ultrasonic Irradiation and Vacuum Infiltration Combined with Fungicides on Fungi-Infected Sunflower Seeds. *Acta Agron.Hung.* 43: 93-102.
- EcoReference No.: 90424
Chemical of Concern: MZB,BMY; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: NO ENDPOINT(BMY,MZB).
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- EcoReference No.: 90229
Chemical of Concern: MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO CONC,NO CROP(MZB).
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- EcoReference No.: 90928
Chemical of Concern: MZB; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MZB).
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- EcoReference No.: 52739
Chemical of Concern: MZB,CTN,DINO,PIM; Habitat: T; Effect Codes: ACC,GRO,PHY,POP; Rejection Code: NO CROP(CTN),NO MIXTURE(MZB,DINO,PIM).
93. O'Leary, A. L., Jones, A. L., and Ehret, G. R. (1987). Application Rates and Spray Intervals for Apple Scab Control With Flusilazol and PyrifenoX. *Plant Dis.* 71: 623-626.
- EcoReference No.: 90209

Chemical of Concern: FUZ,Captan,FRM,TFZ,BMY,DCZ,MZB,TDF,MEM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK TARGET,(TFZ,FRM,Captan),NO MIXTURE(MZB,TDF).

94. O'Neill, T. M. and Pye, D. (1997). Evaluation of Fungicides for Control of Chrysanthemum White Rust (*Puccinia horiana*). *Tests Agrochem.Cultiv.* 18: 8-9.

EcoReference No.: 90905

Chemical of Concern: MZB,CTN,PCZ,AZX,OXO,MYC; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(MZB,CTN,PCZ),NO MIXTURE(CTN) .

95. O'Neill, T. M., Pye, D., and Locke, T. (2002). The Effect of Fungicides, Irrigation and Plant Density on the Development of *Peronospora sparsa*, the Cause of Downy Mildew in Rose and Blackberry. *Ann.Appl.Biol.* 140: 207-214.

EcoReference No.: 66768

Chemical of Concern: CMX,ODL,FSTAI,FZN,MZB,MLX,PPM,CTN,THM,Cu; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: NO ENDPOINT(FSTAI,FZN,MZB,PPM,CTN,Cu),NO MIXTURE(CMX,ODL,MLX,THM).

96. Obradovic, A., Jones, J. B., Momol, M. T., Balogh, B., and Olson, S. M. (2004). Management of Tomato Bacterial Spot in the Field by Foliar Applications of Bacteriophages and SAR Inducers. *Plant Dis.* 88: 736-740.

EcoReference No.: 90071

Chemical of Concern: CuOH,MZB,ABZM; Habitat: T; Effect Codes: CEL,POP,PHY; Rejection Code: NO MIXTURE(CuOH,MZB),OK(ABZM).

97. Oliva, J., Navarro, S., Navarro, G., Camara, M. A., and Barba, A. (1999). Integrated Control of Grape Berry Moth (*Lobesia botrana*), Powdery Mildew (*Uncinula necator*), Downy Mildew (*Plasmopara viticola*) and Grapevine Sour Rot (*Acetobacter* spp.). *Crop Prot.* 18: 581-587.

EcoReference No.: 90231

Chemical of Concern: MEM,CMX,TCF,Captan,FRM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS),NO COC(MZB) .

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EcoReference No.: 87714

Chemical of Concern: MZB,MANEB; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,STATS(MZB,Maneb).

99. Perane, R. R. and Joi, M. B. (1988). Studies on Seed Borne Infection of Fruit-Rot and Die-Back of Chillies. *J.Maharashtra Agric.Univ.* 13: 231-232.

EcoReference No.: 91208

Chemical of Concern: THM,Captan,MZB,CBD; Habitat: T; Effect Codes: REP,MOR,POP; Rejection Code: NO ENDPOINT(THM,Captan,MZB).

100. Pernezny, K., Datnoff, L. E., Mueller, T., and Collins, J. (1996). Losses in Fresh-Market Tomato Production in Florida due to Target Spot and Bacterial Spot and the Benefits of Protectant Fungicides. *Plant Dis.* 80: 559-563.

EcoReference No.: 90066

Chemical of Concern: CTN,MZB,CuOH,Maneb; Habitat: T; Effect Codes: POP,PHY;

Rejection Code: OK TARGET,NO CROP(CTN),NO MIXTURE(MZB,CuOH,Maneb).

101. Pernezny, K., Nagata, R., Raid, R. N., Collins, J., and Carroll, A. (2002). Investigation of Seed Treatments for Management of Bacterial Leaf Spot of Lettuce. *Plant Dis.* 86: 151-155.

EcoReference No.: 90052

Chemical of Concern: NaHCT,HDX,CuOH,MZB; Habitat: T; Effect Codes: REP;

Rejection Code: NO MIXTURE(MZB),OK(NaHCT,HDX,CuOH).

102. Perry, D. F. and Latge, J. P. (1983). The Effect of Eight Fungicides on Germination of *Conidiobolus obscurus* Resting Spores. *J.Invertebr.Pathol.* 42: 83-86.

EcoReference No.: 90899

Chemical of Concern: MZB,TFR,SFR,TPM,OXCB,CBD,BMY; Habitat: A; Effect Codes:

REP; Rejection Code: NO ENDPOINT(MZB,TFR).

103. Powelson, M. L. and Inglis, D. A. (1999). Foliar Fungicides as Protective Seed Piece Treatments for Management of Late Blight of Potatoes. *Plant Dis.* 83: 265-268.

EcoReference No.: 65239; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO COC(CTN,MZB).

104. Priestley, R. H., Parry, D. W., and Knight, C. (1985). Yield Responses from Fungicide Treatment of Cereal, Oilseed Rape, and Perennial Ryegrass Trials in England and Wales. In: *I.M.Smith (Ed.), Monogr.No.31, Fungicides for Crop Protection: 100 Years of Progress, Volume 2 Poster Paps., Proc.of the Bordeaux Mixture Centenary Meet., Sept.5-7, 1985, Bordeaux, France, BCPC Publ., Croydon, England* 383-387.

EcoReference No.: 73064

Chemical of Concern: PCZ,CBD,TDF,CAP,CTN,CBD,MLX,MZB,VCZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(PCZ),NO

MIXTURE(CBD,TDF,CAP,CTN,CBD,MLX,MZB,VCZ).

105. Rajagopal, R. and Vidhyasekaran, P. (1983). Effect of Fungicidal Sprays on the Quality of Groundnut Kernel and Its Oil Content. *Indian Phytopathol.* 36: 52-53.

Chemical of Concern: CBD,CAP,CTN,MZB,Zineb; Habitat: T; Rejection Code: NO CONC(ALL CHEMS).

106. Rangaswamy, J. R. and Vijayashankar, Y. N. (1975). A Rapid Method for the Determination of Manganese Ethylenedisithiocarbamate and Its Residues on Grains. *J.Assoc.Off.Anal.Chem.* 58: 1232-1234.

EcoReference No.: 90230

Chemical of Concern: MZB; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(MZB),NO COC(Maneb).

107. Rathaiah, Y. (1987). Control of Soft Rot of Ginger with Ridomil. *Pesticides (Bombay)* 21: 29-30.

EcoReference No.: 90993

Chemical of Concern: CAP,Captan,MLX,MZB; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(CAP,Captan,MZB).

108. Reddy, M. V. B., Shetty, H. S., and Reddy, M. S. (1990). Mobility, Distribution and Persistence of Metalaxyl Residues in Pearl Millet (*Pennisetum americanum* (L.) Leeke).

Bull. Environ. Contam. Toxicol. 45: 250-257.

EcoReference No.: 90900

Chemical of Concern: MLX; Habitat: T; Effect Codes: ACC; Rejection Code: NO COC(MZB).

109. Rosenberg, C. and Siltanen, H. (1979). Residues of Mancozeb and Ethylenethiourea in Grain Samples. *Bull. Environ. Contam. Toxicol.* 22: 475-478.

EcoReference No.: 90901

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

110. Sahni, M. L. (1973). Alternaria Leaf Blight of Rose, and Its Control Through Fungicidal Sprays. *Indian J. Mycol. Plant Pathol.* 3: 150-152.

EcoReference No.: 72675

Chemical of Concern: Captan,MZB; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(TARGET-Captan,MZB).

111. Saifulla, M., Shetty, H. S., and Krishnappa, M. (1996). Effect of Seed Treatment on Discolored Rice Grains. *Indian J. Mycol. Plant Pathol.* 26: 89-90.

EcoReference No.: 90907

Chemical of Concern: MZB,CTN,CBD; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(MZB,CTN,CBD).

112. Salako, E. A. (1985). Fungicidal Control of Groundnut Leaf Spot and Rust in Nigeria. *Crop Prot.* 4: 33-37.

EcoReference No.: 90786

Chemical of Concern: Maneb,CBD,BMY,CAP,MZB,Cu; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(Maneb),OK TARGET,NO CROP(CAP,MZB).

113. 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).

114. Sannegowda, S. and Pandurangegowda, K. T. (1986). Studies on Mode of Infection and Chemical Control of Udbatta or Agarbatti Disease of Rice. *Pesticides* 20: 22-23.

EcoReference No.: 90788

Chemical of Concern: BMY,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(MZB).

115. Saradha, K., Madhav, N. V., and Vidyavati (1993). Toxicity of Fungicide Dithane M-45 to *Cladophora Crispata* (Roth) Kuetz. *J. Phytol. Res.* 6: 67-68.

EcoReference No.: 89886

- Chemical of Concern: MZB; Habitat: A; Effect Codes: MOR,POP,CEL,BCM; Rejection Code: NO ENDPOINT(MZB).
116. Shukla, Y., Antony, M., Kumar, S., and Mehrotra, N. K. (1990). Carcinogenic Activity of a Carbamate Fungicide, Mancozeb on Mouse Skin. *Cancer Lett.* 53: 191-195.
- EcoReference No.: 85922
Chemical of Concern: PAH,MZB; Habitat: T; Effect Codes: MOR,PHY,CEL,BEH,GRO; Rejection Code: NO ENDPOINT(MZB,PAH).
117. Shukla, Y. and Arora, A. (2001). Transplacental Carcinogenic Potential of the Carbamate Fungicide Mancozeb. *J.Environ.Pathol.Toxicol.Oncol.* 20: 127-131 .
- EcoReference No.: 87612
Chemical of Concern: MZB; Habitat: T; Effect Codes: REP,PHY; Rejection Code: NO ENDPOINT(MZB),NO COC(Maneb).
118. Siddaramaiah, A. L., Hegde, R. K., and Habib, A. F. (1985). Studies on Leaf Spot and Veinal Necrosis of Groundnut Caused by *Alternaria alternata* and Testing of Fungicides Against it In Vitro in Karnataka. *Mysore J.Agric.Sci.* 19: 254-259.
- EcoReference No.: 91072
Chemical of Concern: CBD,TDM,Captan,MZB,THM; Habitat: T; Effect Codes: REP,POP; Rejection Code: NO ENDPOINT(Captan,MZB).
119. Singh, P. L. and Singh, A. L. (1993). Screening of Fungicides and Fumigants for Their Use in Storage of Chilgoza (*Pinus gerardiana* Wall.) Seed. *Indian J.Mycol.Plant Pathol.* 23: 58-63.
- EcoReference No.: 91292
Chemical of Concern: THM,MZB,Captan,CBX,CLNB,FBM,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
120. Singh, S., Pandey, P. C., Singh, A., Bahadur, R., and Mukherjee, S. N. (1991). Studies on Foliage Diseases of Poplars. *Indian For.* 117: 135-142.
- EcoReference No.: 91159
Chemical of Concern: CAP,MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(CAP,MZB).
121. Solanke, R. B., Kore, S. S., and Hussaini, M. M. (1997). Seed-Borne Fungi of Rapeseed (Mustard) and Tolerance of *Fusarium moniliforme* to Various Seed Dressers. *J.Maharashtra Agric.Univ.* 22: 171-173.
- EcoReference No.: 91215
Chemical of Concern: THM,CBD,MZB,Captan,CAP; Habitat: T; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(THM,MZB,Captan,CAP).
122. Solel, Z., Oren, Y., and Kimchi, M. (1997). Control of *Alternaria* Brown Spot of Minneola Tangelo with Fungicides. *Crop Prot.* 16: 659-664.
- EcoReference No.: 90073
Chemical of Concern: IPD,Captan,Folpet,Maneb,MEM,CuOH,CTN,FZN,TEZ; Habitat: T; Effect Codes: POP,CEL; Rejection Code: OK(ALL CHEMS),OK TARGET,NO CROP(Captan,Maneb,CTN,Folpet),NO COC(MZB).

123. Somani, R. B., Ingle, R. W., Patil, D. B., Wanjari, S. S., and Potdukhe, N. R. (1994). Pre-Harvest Fungicidal Sprays on Sorghum Panicles to Control Grain Mold. *Crop Res.(Hisar)* 8: 575-577.
- EcoReference No.: 91167
Chemical of Concern: Captan,MZB,CBD,THM; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO MIXTURE(MZB),OK(Captan,THM).
124. Somashekar, R. K. and Sreenath, K. P. (1986). Effect of Carbamate Pesticide Dithane M45 on Crop Plants. *Pesticides* 20: 44-46.
- EcoReference No.: 90992
Chemical of Concern: HgCl₂,MZB; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CROP(MZB).
125. Sun, F. (1987). Evaluating Acute Toxicity of Pesticides to Aquatic Organisms: Carp, Mosquito Fish and Daphnids. *Plant Prot.Bull.(Chih Wu Pao Hu Hsueh Hui K'an)* 29: 385-396 (CHI) (ENG ABS).
- EcoReference No.: 13451
Chemical of Concern: BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,BTC,TBC,FNV,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.
126. Teran, A. L., Alvarez, R. A., and Orlando, C. A. (1993). Effect of Currently Used Pesticides in Citrus Orchards on Two Aphelinid Parasitoids: Laboratory Tests. *J.Appl.Entomol.* 116: 20-24.
- EcoReference No.: 90421
Chemical of Concern: GYP,BMC,PAQT,DU,BMY,MZB,Zineb,DCF,MDT,EPRN,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS),NO MIXTURE(DCF).
127. Thippeswamy, T. and Lokesh, S. (1997). Efficacy of Different Seed Dressing Chemicals on Seed Mycoflora, Seed Germination and Seedling Vigour of Sunflower (*Helianthus annuus* L.). *Seed Res.* 25: 64-67.
- EcoReference No.: 90423
Chemical of Concern: Captan,CAP,MZB; Habitat: T; Effect Codes: REP,GRO,POP; Rejection Code: NO ENDPOINT(Captan,MZB,CAP).
128. Tronsmo, A. (1989). Effect of Fungicides and Insecticides on Growth of *Botrytis cinerea*, *Trichoderma viride* and *T. harzianum*. *Norw.J.Agric.Sci.* 3: 151-156.
- EcoReference No.: 75156
Chemical of Concern: DMT,BMY,MZB,IPD,VCZ,TDF,MLN,BTN,Captan,Cu,DOP,TFR,AZ,DCF,DMT,FNTH,FN T,DZ,PRN,MCPPI; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(MZB,TFR,Captan).
129. Unestam, T., Beyer-Ericson, L., and Strand, M. (1989). Involvement of Cyllindrocarpon destructans in Root Death of *Pinus sylvestris* Seedlings: Pathogenic Behaviour and Predisposing Factors. *Scand.J.For.Res.* 4: 521-535.
- EcoReference No.: 70560

Chemical of Concern:

TBA,IPD,VCZ,MZB,TDF,BMY,CTN,MZB,Maneb,Zineb,THM,PNB,Captan,Cu,PPM;
Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-MZB,Maneb,Captan).

130. Valentich, M. A., Cook, T., and Urrutia, R. (1996). Expression of Dynamin Immunoreactivity in Experimental Pancreatic Tumors Induced in Rat by Mancozeb-Nitrosomethylurea. *Cancer Lett.* 102: 23-29.

EcoReference No.: 90232

Chemical of Concern: MZB; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(MZB),NO COC(Maneb).

131. Valentich, M. A., Eynard, A. R., Barotto, N. N., Diaz, M. P., and Bongiovanni, G. A. (2006). Effect of the Co-Administration of Phenobarbital, Quercetin and Mancozeb on Nitrosomethylurea-Induced Pancreatic Tumors in Rats. *Food Chem.Toxicol.* 44: 2101-2105.

EcoReference No.: 90898

Chemical of Concern: MZB; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: NO MIXTURE(MZB),NO COC(Maneb).

132. Viswanathan, R. and Narayanasamy, P. (1991). Occurrence of Resistance in Rice Pathogens to Fungicides. *Indian J.Mycol.Plant Pathol.* 21: 63-66.

EcoReference No.: 90824

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

133. Vyas, R. V., Yadav, D. N., and Patel, R. J. (1990). Compatibility of Beauveria brongniartii with Some Pesticides Used in Groundnut Pest Management. *Ann.Biol.* 6: 21-26.

EcoReference No.: 74662

Chemical of Concern: HCCH,PRT,CBF,THM,Captan,MZB,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

134. Washington, W. S. (1987). Susceptibility of Rubus Species and Cultivars to Blackberry Leaf Rust (*Phragmidium violaceum*) and Its Control by Fungicides. *J.Phytopathol.(Berl.)* 118: 265-275.

EcoReference No.: 69671

Chemical of Concern: TFR,MZB,PCZ,CuOH,TDF; Habitat: T; Effect Codes: GRO,REP,PHY; Rejection Code: NO CONTROL(TFR,MZB).

135. Wicks, T. J. and Granger, A. R. (1989). Effects of Low Rates of Pesticides on the Control of Pests and Diseases of Apples. *Aust.J.Exp.Agric.* 29: 439-444.

EcoReference No.: 90331

Chemical of Concern: ES,CPY,Ziram,FRM,DOD,AZ,MZB; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK(ALL CHEMS),NO CROP,NO MIXTURE(MZB).

(H.3.) Maneb

1. Adam, T. (1990). Diseases Affecting Cowpea (*Vigna unguiculata* (L.) Walpers) in Niger. *Ambio* 19:

358-360.

EcoReference No.: 90413

Chemical of Concern: Maneb; Habitat: T; Effect Codes: PHY,POP,GRO,REP; Rejection Code: NO MIXTURE,NO ENDPOINT(Maneb).

2. Arias, E., Zaffaroni, N. P., and Zavanella, T. (1983). A Study on the Genesis of Maneb-Induced Malformations of the Regenerating Limb of the Adult Crested Newt. *In: C.Vago and G.Matz (Eds.), Proc.1st Int.Colloq.on Pathol.of Reptiles and Amphibians, Sept.29-Oct.2, 1982, Angers, France, Presses de l'Univ.d'Angers, Angers, France 223-226.*

EcoReference No.: 90233

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

3. Arias, E. and Zavanella, T. (1979). Teratogenic Effects of Manganese Ethylenebisdithiocarbamate (MANEB) on Forelimb Regeneration in the Adult Newt, *Triturus cristatus carnifex*. *Bull.EnvIRON.Contam.Toxicol.* 22: 297-304.

EcoReference No.: 6754

Chemical of Concern: Maneb; Habitat: AT; Rejection Code: NO ENDPOINT(Maneb).

4. Bancroft, R. and Prahlad, K. V. (1973). Effect of Ethylenebis [Dithiocarbamic Acid] Disodium Salt (Nabam) and Ethylenebis [Dithiocarbamate] Manganese (Maneb) on *Xenopus laevis* Development. *Teratology* 7(2): 143-150.

EcoReference No.: 8316

Chemical of Concern: Maneb; Habitat: A; Rejection Code: NO ENDPOINT(Maneb).

5. Beck, S. L. (1993). Additional Endpoints and Overview of a Mouse Skeletal Variant Assay for Detecting Exposure to Teratogens. *Teratology* 47: 147-157.

EcoReference No.: 82909

Chemical of Concern: TFN,Captan,MANEB,DCM; Habitat: T; Effect Codes: GRO; Rejection Code: OK(TFN,CAPTAN,MANEB,DCM),NO COC(ASCN).

6. Blenis, P. V., Nadeau, L. B., Knowles, N. R., and Logue, G. (1997). Evaluation of Fungicides and Surfactants for Control of Fairy Rings Caused by *Marasmius oreades* (Bolt ex. Fr.) Fr. *Hortscience* 32: 1077-1084.

EcoReference No.: 63033

Chemical of Concern: Cu,Folpet,CTN,Maneb,FBR,TFR,ANZ,THM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

7. Bowman, M. C., Oller, W. L., Cairns, T., Gosnell, A. B., and Oliver, K. H. (1981). Stressed Bioassay Systems for Rapid Screening of Pesticide Residues. Part I: Evaluation of Bioassay Systems. *Arch.EnvIRON.Contam.Toxicol.* 10: 9-24.

EcoReference No.: 2192

Chemical of Concern: ATZ,CBL,HgCl2,DLD,PRN,Maneb; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

8. Brocker, E. R. and Schlatter, C. (1979). Influence of Some Cations on the Intestinal Absorption of Maneb. *J.Agric.Food Chem.* 27: 303-306.

EcoReference No.: 90234

Chemical of Concern: Maneb,ZnCl₂,CuCl,FeCl,HgCl₂; Habitat: T; Effect Codes: ACC;
Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

9. Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.

EcoReference No.: 84025

Chemical of Concern:

TFN,TPZ,TDP,PYN,PYM,PPB,PPM,Al,Cd,Pb,Hg,PHTH,DXN,FRN,HCb,PCB,BMN,CBL,
CBF,AND,ACR,DDT,DCF,DLT,ES,EN,HCCH,TXP,DMT,FNT,MLN,MP,CYH,BFT,FNV,
DM,PCL,MBZ,Maneb,Nabam,PDM,PCNB,Zineb,ATZ,Nf,PCP,ACO,DCPA,EFX,BMC,CTZ
,FNB,FPN; Habitat: T; Rejection Code: NO REVIEW.

10. Chandrashekar, K. R. and Kaveriappa, K. M. (1989). Effect of Pesticides on the Growth of Aquatic Hyphomycetes. *Toxicol.Lett.* 48: 311-315.

EcoReference No.: 3076

Chemical of Concern: 24DXY,PQT,Zn,MANEB,Captan,MZB; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(24DXY,PQT,Zn,MANEB,Captan,MZB).

11. Cicchetti, F., Lapointe, N., Roberge-Tremblay, A., Saint-Pierre, M., Jimenez, L., Ficke, B. W., and Gross, R. E. (2005). Systemic Exposure to Paraquat and Maneb Models Early Parkinson's Disease in Young Adult Rats. *Neurobiol.Dis.* 20: 360-371.

EcoReference No.: 90134

Chemical of Concern: Maneb,PAQT; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: OK(PAQT),NO MIXTURE(Maneb).

12. Clark, R. V. and Galway, D. A. (1986). Comparative Tolerance of Oat Cultivars to Septoria Leaf Blotch and Crown Rust. *Can.Plant Dis.Surv.* 66: 19-22.

EcoReference No.: 90498

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

13. Cook, R. J. and Hayward, C. F. (1988). Effect of Fungicide and Spray Timing on Control of Septoria tritici on Wheat. *Tests Agrochem.Cultiv.* 9: 42-43.

EcoReference No.: 91155

Chemical of Concern: TDM,CAP,CTN,CBD,Maneb; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(CTN),NO MIXTURE(CAP,Maneb).

14. Creemers, P. and Vanmechelen, A. (1993). Side Effects of Fungicides on Pome Fruit. *Med.Fac.Landbouww.Univ.Gent.* 58: 1421-1429.

EcoReference No.: 88675

Chemical of Concern: Captan,MZB,MEM,FRM,TDF,Maneb,THM; Habitat: T; Effect Codes: BCM,POP; Rejection Code: NO COC(MTAS),NO ENDPOINT(ALL CHEMS).

15. Cross, J. V. and Berrie, A. M. (1994). Effects of Repeated Foliar Sprays of Insecticides or Fungicides on Organophosphate-Resistant Strains of the Orchard Predatory Mite Typhlodromus pyri on Apple. *Crop Prot.* 13: 39-44.

EcoReference No.: 90375

Chemical of Concern: Captan,CYP,PIRM,CPY,CBL,BMY,TPM,Zn,Maneb,MZB,DINO;
Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL

CODED(Captan,MZB),OK(DINO,TPM,BMY),OK TARGET(CYP,PIRM,CPY,CBL),NO MIXTURE(Maneb,Zn).

16. Cserjesi, A. J. and Johnson, E. L. (1982). Mold and Sapstain Control: Laboratory and Field Tests of 44 Fungicidal Formulations. *For.Prod.J.* 32: 59-68.

EcoReference No.: 82323

Chemical of Concern: GTN,PCP,MZB,Maneb,Captan,Folpet,BSN,DBAC,BMY,TCMTB;
Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MZB,Maneb,Captan).

17. Dubey, H. D. and Rodriguez, R. L. (1974). Changes in Soil Microflora Following Application of Fungicides Dyrene and Maneb to Tropical Soils. *J.Agric.Univ.P.R.* 58: 78-86.

EcoReference No.: 48831

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

18. Easton, A., Guven, K., and De Pomerai, D. I. (2001). Toxicity of the Dithiocarbamate Fungicide Mancozeb to the Nontarget Soil Nematode, *Caenorhabditis elegans*. *J.Biochem.Mol.Toxicol.* 15: 15-25.

EcoReference No.: 61841

Chemical of Concern: MZB,Maneb,ETU; Habitat: T; Effect Codes: BCM,MOR,GRO;
Rejection Code: LITE EVAL CODED(ETU,MZB),NO ENDPOINT(Maneb).

19. EPA/OTS (1992). Initial Submission: Acute Rat Oral Study with Nuarimol, Manebe, and Mancozebe with Cover Letter Dated 080392. *EPA/OTS Doc.#88-920005961* NTIS/OTS0544618.

Chemical of Concern: Maneb,MZB; Habitat: T; Rejection Code: NO CONTROL,NO ENDPOINT(Maneb,MZB).

20. Everts, K. L. (1998). Effects of Host Resistance and Fungicides on Yield and Quality of Spinach in Maryland. *Meet.of the Am.Phytopathol.Soc., Potomac Div., Mar.18-20, 1998, Morgantown, WV, Phytopathology* 88: S130.

Chemical of Concern: Maneb,DOD,CuOH,CBL; Habitat: T; Rejection Code: NO ABSTRACT.

21. Fejes, S., Budai, P., Varnagy, L., Molnar, T., Szabo, R., and Fancsi, T. (2002). Toxicity of a Mancozeb Containing Fungicide Formulation and Cu-Sulphate to Chicken Embryos After Administration as Single Compounds or in Combination. *Meded.Fac.Landbouwwet.Univ.Gent* 67: 105-109.

EcoReference No.: 77784

Chemical of Concern: CuS,MZB,MANEB; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

22. Fernandez, M., L'Haridon, J., Gauthier, L., and Zoll-Moreux, C. (1993). Amphibian Micronucleus Test(s): A Simple and Reliable Method for Evaluating In Vivo Genotoxic Effects of Freshwater Pollutants and Radiations: Initial Assessment. *Mutat.Res.* 292: 83-99.

EcoReference No.: 90482

Chemical of Concern:
SFL,PCB,ATZ,CF,DEAC,ETHN,EDB,HgCl₂,PYR,Captan,CBL,Maneb; Habitat: A; Effect Codes: WATER,AQUA; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

23. Gaudet, D. A., Puchalski, B. J., and Entz, T. (1989). Effect of Environment on Efficacy of Seed-Treatment Fungicides for Control of Common Bunt in Spring and Winter Wheat. *Pestic.Sci.* 26: 241-252.
- EcoReference No.: 83317
Chemical of Concern: CBX,DCZ,Maneb,MYC,TDM; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),NO COC(MCPP1).
24. Ghate, H. V. (1985). Dithiocarbamate Induced Teratogenesis in Frog Embryo. *Riv.Biol.* 78: 288-291.
- EcoReference No.: 11668
Chemical of Concern: Zn,MANEB,ETU; Habitat: A; Rejection Code: NO CONTROL, NO ENDPOINT(ETU,Maneb).
25. Gilleron, L., Coecke, S., Sysmans, M., Hansen, E., Van Oproy, S., Marzin, H., Van Cauteren, P., and Vanparys, P. (1997). Evaluation of the HET-CAM-TSA Method as an Alternative to the Draize Eye Irritation Test. *Toxicol.In Vitro* 11: 641-644.
- EcoReference No.: 90075
Chemical of Concern: Maneb,FSF,NAA,NaLS,Captan,NHN,TOL; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
26. Goff, W. D. and Miller, R. W. (1990). Laboratory and Field Testing of Fungicides Against *Mycosphaerella caryigena*. *Appl.Agric.Res.* 5: 134-141.
- EcoReference No.: 70782
Chemical of Concern:
PNB,Zn,Cu,CLNB,ANZ,BMY,Captan,CBX,CLNB,CTN,Cu,CuNH,CuOH,Folpet,FSTAL,MZB,Maneb,MEM,PCZ,PCNB,TBA,TPM,THM,TDM,CuS,TFR,VCZ,Zn,Zineb ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO
ENDPOINT(CLNB,Cu,CuNH,CuOH,TDM,CuS,VCZ,Zn),OK(ANZ,BMY,Captan,CBX,CTN,Folpet,FSTAH,MZB,Maneb,MEM,PCNB,TBA,TPM,THM,TFR,Zineb),OK
TARGET(PCZ),TARGET(CTN,MZB,Maneb,TFR,Captan).
27. Goff, W. D. and Miller, R. W. (1990). Persistence of Fungicides in Inhibiting Germination of Conidia of *Mycosphaerella caryigena*. *Appl.Agric.Res.* 5: 218-222.
- EcoReference No.: 91141
Chemical of Concern:
ANZ,BMY,Captan,CAP,CTN,CuNH,DOD,Maneb,MZB,CTQ,TPM,THM,Zineb; Habitat: T; Effect Codes: REP,ACC; Rejection Code: NO
ENDPOINT(Captan,CAP,CTN,Maneb,MZB,THM).
28. Habtu, F. F. and Samsoe-Petersen, L. (1987). Semi-Field Method for Testing Side Effects of Pesticides on Adults of the Parasitic Wasp *Encarsia formosa* (Gahan) (Hym., Aphelinidae). *J.Appl.Entomol.* 104: 473-479.
- EcoReference No.: 70460
Chemical of Concern:
TYF,Captan,TBA,Maneb,CYP,ACP,AMZ,MOM,IPD,DM,PIRM,DCF,VCZ,RSM,PMR,BRS M,FNV,OML; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MOM).
29. Harris, M. K., Cutler, B. L., and Ring, D. R. (1986). Pecan Nut Loss from Pollination to Harvest. *J.Econ.Entomol.* 79: 1653-1657.

EcoReference No.: 90481

Chemical of Concern: CBL,MOM,AZ,ZnN,PHSL,Maneb,SZ,FNV; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ZnN),NO MIXTURE(CBL,MOM,AZ,PHSL,Maneb,FNV,SZ).

30. Hassan, S. A., Bigler, F., Bogenschutz, H., Boller, E., Brun, J., Calis, J. N. M., Chiverton, P., Coremans-Pelseneer, J., Duso, C., Lewis, G. B., Mansour, F., Moreth, L., Oomen, P. A., Overmeer, W. P. J., Polgar, L., Rieckmann, W., Samsøe-Petersen, L., Staubli, A., Sterk, G., Tavares, K., Tuset, J. J., and Viggiani, G. (1991). Results of the Fifth Joint Pesticide Testing Programme Carried Out by the IOBC/WPRS-Working Group "Pesticides and Beneficial Organisms". *Entomophaga* 36: 55-67.

EcoReference No.: 73087

Chemical of Concern:

OML,CTZ,HYT,FYC,BTN,Maneb,24DXY,GFS,DFZ,Captan,CTN,IPD; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

31. Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *U.S.Fish Wildl.Serv., Fish Wildl.Tech.Rep.No.2* 147 p.

EcoReference No.: 50181

Chemical of Concern:

PRT,ADC,PMR,PRN,PAQT,ACP,Naled,MLN,HCCH,HPT,FNF,EN,ES,TMP,MTAS,MTM,MOM,AND,ATZ,BMY,DCTP,CBL,Captan,CPY,TBO,DZ,DLD,DU,FNTH,AZ,SZ,MANEB,BMC,MP; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ADC,ACP,MLN,MTAS,MTM,MOM,CBL,Captan,DZ,SZ),OK(ALL CHEMS),NO COC(BMC).

32. Hislop, R. G. and Prokopy, R. J. (1981). Integrated Management of Phytophagous Mites in Massachusetts (U.S.A.) Apple Orchards. 2. Influence of Pesticides on the Predator *Amblyseius fallacis* (Acarina: Phytoseiidae) Under Laboratory and Field Conditions. *Prot.Ecol.* 3: 157-172.

EcoReference No.: 70632

Chemical of Concern:

MOM,CBL,PHSL,DZ,DEM,DMT,FNV,PMR,PPHD,MLN,PSM,AZ,MP,ES,MXC,FTTCL,D CF,CHX,PPG,FO,BMY,DOD,Maneb,THM,Captan,FBM,PAQT,GYP,SZ,DMZ,EPH,NAA,C aCl₂; Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: NO ENDPOINT(ALL CHEMS) TARGET(DMT,DZ).

33. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.

EcoReference No.: 71346

Chemical of Concern:

DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nab am,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(ATZ,RTN,PPZ),OK(ALL CHEMS).

34. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.

EcoReference No.: 71346

Chemical of Concern:

DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nab am,Folpet,ETU; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(Maneb,CBL,SZ,ATZ,RTN,PPZ),NO ENDPOINT(ETU)//NO TUMOR(PILOT).

35. Iyer, J. G., Slayton, S. H., and Wood, W. B. (1972). Maneb Fungicide. Its Effect on Soils and Tree Growth. *Adv.Front Plant Sci.* 29: 223-246.

EcoReference No.: 50535

Chemical of Concern: Maneb; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(Maneb)//No OM,pH,ERE//.

36. Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.

EcoReference No.: 70074

Chemical of Concern:

24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BT Y,Captan,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DD,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,R TN,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,CMP H,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,M XC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

37. Jordan, M. M., Maude, R. B., and Burchill, R. T. (1990). Tests of Fungicides for the Control of Leaf Blotch Diseases: *Cladosporium allii* of Leek and *C. allii-cepae* of Onion. *Crop Prot.* 9: 367-370.

EcoReference No.: 91263

Chemical of Concern: PCZ,CAP,TDF,FRM,IPD,CTN,BMY,MLX,TFR,MZB,Maneb; Habitat: T; Rejection Code: OK TARGET(ALL CHEMS),NO MIXTURE(Maneb).

38. Kavlock, R. J., Short, R. D. Jr., and Chernoff, N. (1987). Further Evaluation of an In Vivo Teratology Screen. *Teratog.Carcinog.Mutagen.* 7: 7-16.

EcoReference No.: 70488

Chemical of Concern: PNB,CBL,EN,MANEB; Habitat: T; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(CBL),OK(EN,PNB).

39. Kimura, T., Kuroki, K., and Doi, K. (1998). Dermatotoxicity of Agricultural Chemicals in the Dorsal Skin of Hairless Dogs. *Toxicol.Pathol.* 26: 442-447 .

EcoReference No.: 90483

Chemical of Concern: PCP,Maneb,24DXY,Zineb; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

40. Kolankaya, D., Ogus, A., Ayas, Z., and Akay, M. T. (1989). Manganese Ethylenebisdithiocarbamate (Maneb) and Ethylenethiourea (ETU) Residues in Different Parts of Tomato Plant and Soil.

Food Chem. 34: 181-186.

EcoReference No.: 90169

Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: NO ENDPOINT(Maneb,ETU).

41. Labuschagne, N. and Kotze, J. M. (1996). Control of Groundnut Blackhull and Its Causal Fungus *Chalara elegans* with Fungicides. *Plant Pathol.* 45: 540-546.

EcoReference No.: 70554

Chemical of Concern:

BMV,CAP,CBX,Cu,DZM,FRM,Folpet,IPD,MZB,Maneb,PCZ,TBA,TPM,THM,TCM,PNB,TDF,TFR,VCZ,DCZ,CBD; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(CAP,FRM,Folpet,MZB,Maneb,TFR).

42. Larsson, K. S., Arnander, C., Cekanova, E., and Kjellberg, M. (1976). Studies of Teratogenic Effects of the Dithiocarbamates Maneb, Mancozeb, and Propineb. *Teratology* 14: 171-183.

EcoReference No.: 37644

Chemical of Concern: Maneb,MZB; Habitat: T; Effect Codes: REP,GRO,MOR; Rejection Code: NO ENDPOINT(Maneb,MZB).

43. Li, X., Matsumoto, K., Murakami, Y., Tezuka, Y., Wu, Y., and Kadota, S. (2005). Neuroprotective Effects of Polygonum multiflorum on Nigrostriatal Dopaminergic Degeneration Induced by Paraquat and Maneb in Mice. *Pharmacol.Biochem.Behav.* 82: 345-352.

EcoReference No.: 90059

Chemical of Concern: PAQT,Maneb; Habitat: T; Effect Codes: BEH,BCM; Rejection Code: NO MIXTURE(PAQT,Maneb).

44. Linden, E., Bengtsson, B. E., Svanberg, O., and Sundstrom, G. (1979). The Acute Toxicity of 78 Chemicals and Pesticide Formulations Against Two Brackish Water Organisms, the Bleak (*Alburnus alburnus*) and the Harpacticoid *Nitocra spinipes*. *Chemosphere* 8: 843-851 (Author Communication Used) (OECDG Data File).

EcoReference No.: 5185

Chemical of Concern:

DZM,DBN,DDT,24DXYBEE,FNV,GYP,Maneb,MCPA,PCP,MCPPI,CQTC,MCPA,PMR,TBT,OTN,C10OH,Zn,NH,C8OH,24DXY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(C8OH,MCPPI,PCP,C10OH,DZM,CQTC,DBAC,OTN),NO CONTROL(Maneb),OK(ALL CHEMS).

45. Line, R. F. (1972). Chemical Control of Flag Smut of Wheat. *Plant Dis.Rep.* 56: 636-640.

EcoReference No.: 72278

Chemical of Concern: THM,TBA,OXCH,HCCH,BMY,Maneb,Captan,PCN,CBX; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(Maneb,Captan).

46. Mansour, F. (1987). Effect of Pesticides on Spiders Occurring on Apple and Citrus in Israel. *Phytoparasitica* 15: 43-50.

EcoReference No.: 70244

Chemical of Concern:

ATZ,CPY,FPP,CYP,FNV,PPHD,FVL,Zineb,Maneb,SFR,Captan,TDF,BMC,GYP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),OK(CPY,FPP,FVL,PPHD).

47. McCain, A. H., Byrne, T. G., and Bell, M. R. (1962). Rose Powdery Mildew. Fungicide Control Trials. *Calif.Agric.* 6: 11.
- EcoReference No.: 72456
Chemical of Concern: DINO,Maneb,Folpet,PBT; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: NO CONTROL,ENDPOINT(Maneb,Folpet).
48. McCarter, S. M. (1992). Effects of Bactericide Treatments on Bacterial Spot Severity and Yield of Different Pepper Genotypes and on Populations of Certain Insects. *Plant Dis.* 76: 1042-1045.
- EcoReference No.: 90311
Chemical of Concern: MZB,CTN,CuOH,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MZB,CTN),OK(CuOH),NO MIXTURE(Maneb).
49. Midha, S. K. and Chohan, J. S. (1971). Relative Efficacy of Fungicides Against Colletotrichum gloeosporioides the Casual Agent of Fruit Rot of Guava (Psidium guajava L.). *Indian J.Mycol.Plant Pathol.* 1: 15-19.
- EcoReference No.: 72482
Chemical of Concern: THM,Captan,Maneb,MZB; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(TARGET-Captan,MZB,Maneb).
50. Miller, P. M. (1967). Stimulating Emergence of Larvae of Heterodera tabacum with Fungicides. *Plant Dis.Rep.* 51: 202-206.
- EcoReference No.: 72392
Chemical of Concern: CuS,Zn,Nabam,Maneb,MXC,PNB,Captan,CBL; Habitat: T; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT(CBL).
51. Mohamed, A. K. A., Pratt, J. P., and Nelson, F. R. S. (1987). Compatibility of Metarhizium anisopliae var. anisopliae with Chemical Pesticides. *Mycopathologia* 99: 99-105.
- EcoReference No.: 70030
Chemical of Concern: MTPN,CPY,Zineb,Maneb,BMY,CHD,TXP,MOM,CBF,CBL,DZ,TMP,FNTH,RSM; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).
52. Muchovej, J. J. and Muchovej, R. M. C. (1989). Alternaria tenuissima Flower Blight of Ti Plant. *Fitopatol.Bras.* 14: 245-246.
- EcoReference No.: 91200
Chemical of Concern: MZB,DINO,CTN,Captan,CAP,BMY,TDM,TBA,PCZ,Maneb,THM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
53. Nakashima, C. and Kobayashi, T. (1997). Etiological Studies on Brown Spot Disease of Pyracantha. *Ann.Phytopathol.Soc.Jpn.* 63: 309-315.
- EcoReference No.: 86939
Chemical of Concern: CuS,BMY,Maneb; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO COC(CBL),NO ENDPOINT(ALL CHEMS).
54. Nash, R. G. (1976). Uptake of Ethylenebis(Dithiocarbamate) Fungicides and Ethylenethiourea by Soybeans. *J.Agric.Food Chem.* 24: 596-601.
- EcoReference No.: 90236
Chemical of Concern: ETU,Nabam,Zineb,Maneb; Habitat: T; Effect Codes: ACC;

Rejection Code: NO CONTROL(ALL CHEMS).

55. Newsome, W. H., Shields, J. B., and Villeneuve, D. C. (1975). Residues of Maneb, Ethylenethiuram Monosulfide, Ethylenethiourea, and Ethylenediamine on Beans and Tomatoes Field Treated with Maneb. *J.Agric.Food Chem.* 23: 756-758.

EcoReference No.: 52666

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

56. Okudaira, H. (1973). Hymexazol, a New Plant Protecting Agent. V. Safety Tests. *Annu.Rep.Sankyo Res.Lab.(Sankyo Kenkyusho Nempo)* 73: 48-51.

EcoReference No.: 6146

Chemical of Concern: HYX,DDT,PRN,Zineb,Maneb,NaPCP,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(NaPCP).

57. Oomen, P. A., Jobsen, J. A., Romeijn, G., and Wiegers, G. L. (1994). Side-Effects of 107 Pesticides on the Whitefly Parasitoid *Encarsia formosa*, Studies and Evaluated According to EPPO Guideline No. 142. *Bull.OEPP* 24: 89-107.

Chemical of Concern: SZ,CBL,DZ,ES,HCC,H,PRN,CQTC,MTAS,MANEB; Habitat: T; Rejection Code: NO DURATION(ALL CHEMS).

58. Patsakos, P. G., Liapis, K., Miliadis, G. E., and Zafiriou, K. (1992). Mancozeb Residues on Field Sprayed Apricots. *Bull.EnvIRON.Contam.Toxicol.* 48: 756-761.

EcoReference No.: 87714

Chemical of Concern: MZB,MANEB; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,STATS(MZB,Maneb).

59. Pease, H. L. and Holt, R. F. (1977). Manganese Ethylenebis (Dithiocarbamate) (Maneb)/Ethylenethiourea (ETU) Residue Studies on Five Crops Treated with Ethylenebis(Dithiocarbamate) (EBDC) Fungicides. *J.Agric.Food Chem.* 25: 561-567.

EcoReference No.: 90083

Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: ACC; Rejection Code: NO CROP(Maneb),NO TOXICANT(ETU),NO CONTROL(ALL CHEMS).

60. Pernezny, K., Datnoff, L. E., Mueller, T., and Collins, J. (1996). Losses in Fresh-Market Tomato Production in Florida due to Target Spot and Bacterial Spot and the Benefits of Protectant Fungicides. *Plant Dis.* 80: 559-563.

EcoReference No.: 90066

Chemical of Concern: CTN,MZB,CuOH,Maneb; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK TARGET,NO CROP(CTN),NO MIXTURE(MZB,CuOH,Maneb).

61. Pool, R. A. F. (1977). A Rapid Bioassay for Pesticide Phytotoxicity. *J.Agric.Food Chem.* 25: 1216-1218.

EcoReference No.: 43504

Chemical of Concern: SZ,BMC,CBL,DU,Captan,MLN,TFN,GYP,DCPA,BMY,MANEB; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

62. Portmann, J. E. (1972). Results of Acute Toxicity Tests with Marine Organisms, Using a Standard Method. In: M.Ruivo (Ed.), *Marine Pollution and Sea Life*, FAO, Rome, Italy / Fishing News

(Books) Ltd., London, England 212-217 (Author Communication Used).

EcoReference No.: 9258

Chemical of Concern:

Maneb,Zn,NYP,Fe,Cr,Cu,ACY,MLN,FML,SZ,DDT,PL,PRN,MCRE,HCCH,ATZ,DLD,PAQ
T,AZ,Hg,DQT,Br,ES,Ni; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(MLN,AZ,ATZ,SZ,Cu,Cr),NO CONTROL(Maneb),OK(ALL CHEMS).

63. Portmann, J. E. and Wilson, K. W. (1971). The Toxicity of 140 Substances to the Brown Shrimp and Other Marine Animals. *Shellfish Information Leaflet No.22 (2nd Ed.)*, Ministry of Agric.Fish.Food, Fish.Lab.Burnham-on-Crouch, Essex, and Fish Exp.Station Conway, North Wales 12 p.

EcoReference No.: 906

Chemical of Concern:

SZ,24DXY,ATZ,AZ,DBN,DMT,MLN,CuS,CrAC,SFL,HgCl2,NYP,Cd,Pb,Maneb,DDT,FML
,PRN,EPRN,DLD,DPDP,PAQT,PL,ACY,ES,HCCH,MCRE,Tl; Habitat: A; Effect Codes:
MOR; Rejection Code: LITE EVAL CODED(MLN,AZ,ATZ,SZ,DMT,CuS,CrAC),NO
CONTROL(MZB,Maneb),OK(ALL CHEMS).

64. Quintero, M. C., Silva, M., and Perez-Bendito, D. (1989). Stopped-Flow Determination of Maneb in Formulations and Its Residues on Grain. *Anal.Chim.Acta* 222: 269-277.

User 1 Abbreviation: www.sciencedirect.com (1995-Present)

EcoReference No.: 90368

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

65. Rhodes, R. C. (1977). Studies with Manganese [¹⁴C]Ethylenebis(dithiocarbamate) ([¹⁴C]Maneb) Fungicide and [¹⁴C]Ethylenethiourea ([¹⁴C]ETU) in Plants, Soil, and Water. *J.Agric.Food Chem.* 25: 528-533.

EcoReference No.: 53587

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

66. Riggs, R. D., Hamblen, M. L., and Rakes, L. (1989). Effects of Fertilizer and Pesticides on Soybean Growing in Heterodera glycines-Infested Soil. *J.Nematol.* 21: 635-639.

EcoReference No.: 90787

Chemical of Concern: BMY,Maneb,LNR,TFN; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(BMY,Maneb,LNR,TFN).

67. Rocchi, P., Perocco, P., Alberghini, W., Fini, A., and Prodi, G. (1980). Effect of Pesticides on Scheduled and Unscheduled DNA Synthesis of Rat Thymocytes and Human Lymphocytes. *Arch.Toxicol.* 45: 101-108.

Chemical of Concern:

TRL,HCCH,DLD,DDT,AND,Folpet,PQT,DQTBr,CBL,Maneb,THM,ZINEB,ZIRAM,Captan
; Habitat: T; Rejection Code: NO IN VITRO.

68. Salako, E. A. (1985). Fungicidal Control of Groundnut Leaf Spot and Rust in Nigeria. *Crop Prot.* 4: 33-37.

EcoReference No.: 90786

Chemical of Concern: Maneb,CBD,BMY,CAP,MZB,Cu; Habitat: T; Effect Codes: POP;

Rejection Code: NO MIXTURE(Maneb),OK TARGET,NO CROP(CAP,MZB).

69. Samsoe-Petersen, L. (1995). Effects of 37 Fungicides on the Rove Beetle *Aleochara bilineata* (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 40: 145-152.

EcoReference No.: 63488

Chemical of Concern:

ANZ,BTN,CTN,CPZ,DFC,FRM,Folpet,HCZ,IPD,PCZ,TEZ,TDM,TFR,MZB,MEM,Maneb,T HM,VCZ; Habitat: T; Effect Codes: REP,MOR; Rejection Code: OK(ALL CHEMS),NO COC(MTAS).

70. 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).

71. Savolainen, K. and Hervonen, H. (1985). Dithiocarbamate Fungicides Decrease Histochemical Reactivity of Cholinesterases in the Gut Wall of the Rat. *Arch.Toxicol.Suppl.* 8: 272-276.

EcoReference No.: 90500

Chemical of Concern: Zineb,Maneb,ETU; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(ETU,Maneb).

72. Schnelle, M. A. and Hensley, D. L. (1990). Effects of Pesticides upon Nitrogen Fixation and Nodulation by Dry Bean. *Pestic.Sci.* 28: 83-88.

EcoReference No.: 53973

Chemical of Concern:

CTN,Captan,BMY,FNV,SXD,DCF,MLN,BT,TFN,ACR,Maneb,EPTC,PNB,ES,DZ,CBL; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(DZ),NO CROP(CTN,Captan,MLN,Maneb),OK(ALL CHEMS,TARGET-CBL).

73. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern:

Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: OK(ALL CHEMS),NO COC(MTAS).

74. Sharma, R. P. and Reddy, R. V. (1987). Toxic Effects of Chemicals on the Immune System. In: *T.J.Haley and W.O.Berndt (Eds.), Handbook of Toxicology, Chapter 15, Hemisphere Publ.Corp., Washington, D.C.* 555-591.

EcoReference No.: 70597

Chemical of Concern:

PNB,DDT,HCCH,DZ,CHD,DLD,END,HPT,TXP,PRN,CBL,AND,CTC,DBAC,MANEB; Habitat: T; Rejection Code: NO REVIEW,NO REFS CHECKED.

75. Smilanick, J. L., Hoffmann, J. A., Cashion, N. L., and Prescott, J. M. (1987). Evaluation of Seed and

Foliar Fungicides for Control of Karnal Bunt of Wheat. *Plant Dis.* 71: 94-96.

EcoReference No.: 89999

Chemical of Concern:

MZB,PCZ,ILL,TDM,TBA,BMY,TDF,BTN,THM,Maneb,PNB,CuOH,OXO,CBX; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO COC(CTN),NO MIXTURE(CBX,PNB),OK(PCZ,ILL,TDM,TBA,BMY,TDF,BTN,THM,Maneb,CuOH,OXO),NO CROP(MZB).

76. Stephenson, G. R., Phatak, S. C., Makowski, R. I., and Bouw, W. J. (1980). Phytotoxic Interactions Involving Metribuzin and Other Pesticides in Tomatoes. *Can.J.Plant Sci.* 60: 167-175.

EcoReference No.: 26089

Chemical of Concern: MBZ,CBL,DZ,ES,MLN,CBF,DEM,MVP,CTN,MZB,Maneb,TFN;

Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DZ),NO CROP(MLN,MZB,CTN,Maneb),OK(ES,CBF,DEM,MVP,TFN,TARGET-CBL).

77. Sun, F. (1987). Evaluating Acute Toxicity of Pesticides to Aquatic Organisms: Carp, Mosquito Fish and Daphnids. *Plant Prot.Bull.(Chih Wu Pao Hu Hsueh Hui Hui K'an)* 29: 385-396 (CHI) (ENG ABS).

EcoReference No.: 13451

Chemical of Concern:

BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,BTC,TBC,FNV,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,BTC,TBC,FNV,Zn).

78. U.S.Department of the Interior (1966). Effects of Pesticides. *Quarterly Rep., Jan.1-Mar.31, 1966, Fish Wildl.Serv., Bur.Comm.Serv., U.S.D.I., Biol.Lab., Gulf Breeze, FL* 17 p.

EcoReference No.: 16673

Chemical of Concern:

HCCH,CCA,FBM,Maneb,Zineb,Ziram,As,PRO,ABT,CPY,PRN,PPHD,DDT,MTAS,EDT,D MB,24DXY; Habitat: A; Effect Codes: GRO,MOR,ACC,BCM,REP; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT(DDT).

79. Unestam, T., Beyer-Ericson, L., and Strand, M. (1989). Involvement of *Cylindrocarpus destructans* in Root Death of *Pinus sylvestris* Seedlings: Pathogenic Behaviour and Predisposing Factors. *Scand.J.For.Res.* 4: 521-535.

EcoReference No.: 70560

Chemical of Concern:

TBA,IPD,VCZ,MZB,TDF,BMY,CTN,MZB,Maneb,Zineb,THM,PNB,Captan,Cu,PPM; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-MZB,Maneb,Captan).

80. Van Leeuwen, C. J., Espeldoorn, A., and Mol, F. (1986). Aquatic Toxicological Aspects of Dithiocarbamates and Related Compounds. III. Embryolarval Studies with Rainbow Trout (*Salmo gairdneri*) . *Aquat.Toxicol.* 9: 129-145.

EcoReference No.: 12096

Chemical of Concern: Zn,Maneb,ETU,Zineb; Habitat: A; Rejection Code: NO CONTROL(ALL CHEMS).

81. Van Leeuwen, C. J., Griffioen, P. S., Vergouw, W. H. A., and Maas-Diepeveen, J. L. (1985).

Differences in Susceptibility of Early Life Stages of Rainbow Trout (*Salmo gairdneri*) to Environmental Pollutants. *Aquat.Toxicol.* 7: 59-78.

EcoReference No.: 11519

Chemical of Concern: PCP,Cd,Maneb,DLD; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

82. Van Leeuwen, C. J., Helder, T., and Seinen, W. (1986). Aquatic Toxicological Aspects of Dithiocarbamates and Related Compounds. IV. Teratogenicity and Histopathology in Rainbow Trout (*Salmo gairdneri*). *Aquat.Toxicol.* 9: 147-159 (Used Ref 12096).

EcoReference No.: 12097

Chemical of Concern: Zn,MANEB; Habitat: A; Rejection Code: NO COC(ETU).

83. Van Leeuwen, C. J., Niebeek, G., and Rijkeboer, M. (1987). Effects of Chemical Stress on the Population Dynamics of *Daphnia magna*: A Comparison of Two Test Procedures. *Ecotoxicol.Environ.Saf.* 14 : 1-11.

EcoReference No.: 12690

Chemical of Concern: PCP,Maneb,CBZ,Cd; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(PCP),NO CONTROL(Maneb).

84. Vasseur, P., Dive, D., Sokar, Z., and Bonnemain, H. (1988). Interactions Between Copper and Some Carbamates Used in Phytosanitary Treatments. *Chemosphere* 17: 767-782.

EcoReference No.: 90221

Chemical of Concern: CuS,Zineb,Maneb,CBL; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

85. Waters, M. D., Sandhu, S. S., Simmon, V. F., Mortelmans, K. E., Mitchell, A. D., Jorgenson, T. A., Jones, D. C. L., Valencia, R., and Garrett, N. E. (1982). Study of Pesticide Genotoxicity. *Basic Life Sci.* 21: 275-326.

EcoReference No.: 89613

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

86. Wattenberg, L. W., Lam, L. K. T., Fladmoe, A. V., and Borchert, P. (1977). Inhibitors of Colon Carcinogenesis. *Cancer* 40: 2432-2435.

EcoReference No.: 90913

Chemical of Concern: Maneb; Habitat: T; Effect Codes: BEH,GRO,PHY,MOR; Rejection Code: NO ENDPOINT(Maneb).

87. Wedge, D. E. and Nagle, D. G. (2000). A New 2D-TLC Bioautography Method for the Discovery of Novel Antifungal Agents to Control Plant Pathogens. *J.Nat.Prod.* 63: 1050-1054.

EcoReference No.: 90560

Chemical of Concern: Maneb,Captan,AZX,CBD,CTN,TBA,TDF,TFR,TPE; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(TARGET-Maneb,Captan,CTN,TFR).

88. Yip, G., Onley, J. H., and Howard, S. F. (1971). Residues of Maneb and Ethylene Thiourea on Field-Sprayed Lettuce and Kale. *J.Assoc.Off.Anal.Chem.* 54: 1373-1375.

EcoReference No.: 55853

Chemical of Concern: ETU,Maneb; Habitat: T; Effect Codes: ACC; Rejection Code: NO

CONTROL,NO ENDPOINT(Maneb,ETU).

89. Zavanella, T., Arias, E., and Zaffaroni, N. P. (1979). Preliminary Study on the Carcinogenic Activity of the Fungicide Manganese Ethylenebisdithiocarbamate in the Adult Newt, *Triturus cristatus* carnifex. *Tumori* 65: 163-167.

EcoReference No.: 7298

Chemical of Concern: Maneb; Habitat: AT; Rejection Code: NO ENDPOINT(Maneb).

(H.3.) ETU

1. Birch, W. X. and Prahlad, K. V. (1986). Effects of Minute Doses of Ethylenebisdithiocarbamate Disodium Salt (Nabam) and its Degradative Products on Connective Tissue Envelopes of the Notochord in *Xenopus*: An Ultrastructural Study. *Cytobios* 48: 175-184.

EcoReference No.: 88565

Chemical of Concern: Nabam,MITC,ETU; Habitat: A; Effect Codes: GRO; Rejection Code: NO MIXTURE(MITC,ETU),OK(Nabam).

2. Cumberland, P. F. T., Richold, M., Parsons, J., and Pratten, M. K. (1994). Intravitelline Injection of Rodent Conceptuses: An Improved In Vitro Developmental Toxicity Screen. *Toxicol.In Vitro* 8: 731-733.

EcoReference No.: 91267

Chemical of Concern: ETU,SAC; Habitat: T; Effect Codes: GRO,BCM,CEL; Rejection Code: NO CONTROL,NO ENDPOINT(ETU,SAC).

3. Daston, G. P., Neubecker, T. A., Yonker, J. E., Busse, L. J., Pratt, R. G., Samaratunga, R. C., and Thomas, S. R. (1987). Magnetic Resonance Imaging of Congenital Hydrocephalus in the Rat. *Fundam.Appl.Toxicol.* 9: 415-422.

EcoReference No.: 90185

Chemical of Concern: ETU; Habitat: T; Effect Codes: PHY,REP,MOR; Rejection Code: NO ENDPOINT(ETU).

4. Elcombe, C. R., Odum, J., Foster, J. R., Stone, S., Hasmall, S., Soames, A. R., Kimber, I., and Ashby, J. (2002). Prediction of Rodent Nongenotoxic Carcinogenesis: Evaluation of Biochemical and Tissue Changes in Rodents Following Exposure to Nine Nongenotoxic NTP Carcinogens. *Environ.Health Perspect.* 110: 363-375.

EcoReference No.: 90228

Chemical of Concern: ETU,LIM,DCB; Habitat: T; Effect Codes: BCM,CEL,GRO; Rejection Code: NO ENDPOINT(ETU).

5. Fritzenschaf, H., Kohlpoth, M., Rusche, B., and Schiffmann, D. (1993). Testing of Known Carcinogens and Noncarcinogens in the Syrian Hamster Embryo (SHE) Micronucleus Test In Vitro; Correlations with In Vivo Micronucleus Formation and Cell Transformation [See Comments]. *Mutat.Res.* 319: 47-53.

EcoReference No.: 91138

Chemical of Concern: ETU,ATC,ACY,AN,ANT,BNZ,BZD,ETHN,PbAC,MOL,PL,PYR; Habitat: T; Effect Codes: CEL; Rejection Code: NO CONTROL(ETU).

6. Ghate, H. V. (1985). Dithiocarbamate Induced Teratogenesis in Frog Embryo. *Riv.Biol.* 78: 288-291.

EcoReference No.: 11668

Chemical of Concern: Zn,MANEB,ETU; Habitat: A; Rejection Code: NO CONTROL, NO ENDPOINT(ETU,Maneb).

7. Grabowski, C. T. (1983). The Electrocardiogram of Fetal and Newborn Rats and Dysrhythmias Induced by Toxic Exposure . *Prog.Clin.Biol.Res.* 140: 185-206.

EcoReference No.: 91293

Chemical of Concern: MRX,ETU,TCF; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT(ETU).

8. Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.

EcoReference No.: 71346

Chemical of Concern:

DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nab am,Folpet,ETU; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(Maneb,CBL,SZ,ATZ,RTN,PPZ),NO ENDPOINT(ETU)//NO TUMOR(PILOT).

9. Iverson, F., Khera, K. S., and Hierlihy, S. L. (1980). In Vivo and In Vitro Metabolism of Ethylenethiourea in the Rat and the Cat. *Toxicol.Appl.Pharmacol.* 52: 16-21.

EcoReference No.: 50529

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

10. James, J. P., Quistad, G. B., and Casida, J. E. (1995). Ethylenethiourea S-Oxidation Products: Preparation, Degradation, and Reaction with Proteins. *J.Agric.Food Chem.* 43: 2530-2535.

EcoReference No.: 90235

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

11. Kameda, Y. (1982). Degranulation and Appearance of Vesicular Inclusions in Canine C Cells After Administration of Antithyroid Drug. *Cell Tissue Res.* 225: 315-318.

EcoReference No.: 90456

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

12. Khera, K. S. and Tryphonas, L. (1977). Ethylenethiourea-Induced Hydrocephalus: Pre- and Postnatal Pathogenesis in Offspring from Rats Given a Single Oral Dose During Pregnancy. *Toxicol.Appl.Pharmacol.* 42: 85-97.

EcoReference No.: 90120

Chemical of Concern: ETU; Habitat: T; Effect Codes: CEL,GRO,MOR,PHY,BEH,REP; Rejection Code: NO ENDPOINT(ETU).

13. Kolankaya, D., Ogus, A., Ayas, Z., and Akay, M. T. (1989). Manganese Ethylenebisdithiocarbamate (Maneb) and Ethylenethiourea (ETU) Residues in Different Parts of Tomato Plant and Soil. *Food Chem.* 34: 181-186.

EcoReference No.: 90169

Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: BCM,ACC; Rejection Code:

NO ENDPOINT(Maneb,ETU).

14. Korhonen, A., Hemminki, K., and Vainio, H. (1983). Toxicity of Rubber Chemicals Towards Three-Day Chicken Embryos . *Scand.J.Work Environ.Health* 9: 115-119.

EcoReference No.: 88677

Chemical of Concern: ETU,TEAM,AN,ACL,ACD; Habitat: T; Effect Codes: MOR;
Rejection Code: OK(ETU,TEAM,AN,ACL,ACD),NO COC(MTAS).

15. Kumar, U. and Agarwal, H. C. (1993). Persistence, Metabolism, and Movement of Ethylenethiourea in Eggplant (*Solanum melongena* L.) Under Subtropical Conditions. *Bull.Environ.Contam.Toxicol.* 51: 46-53.

EcoReference No.: 89837

Chemical of Concern: ETU; Habitat: T; Effect Codes: ACC; Rejection Code: NO
COC(Maneb,MZB),NO ENDPOINT(ETU).

16. Lawrence, J. F., Iverson, F., Hanekamp, H. B., Bos, P., and Frei, R. W. (1981). Liquid Chromatography with UV Absorbance and Polarographic Detection of Ethylenethiourea and Related Sulfur Compounds. Application to Rat Urine Analysis. *J.Chromatogr.* 212: 245-250.

EcoReference No.: 90182

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

17. Moller, P. C., Chang, J. P., and Partridge, L. R. (1986). The Effects of Ethylene Thiourea Administration upon Rat Liver Cells. *J.Environ.Pathol.Toxicol.Oncol.* 6: 127-142.

EcoReference No.: 90184

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

18. Nash, R. G. (1974). Pesticide Residues. Improved Gas-Liquid Chromatographic Method for Determining Ethylenethiourea in Plants. *J.Assoc.Off.Anal.Chem.* 57: 1015-1021.

EcoReference No.: 90370

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

19. Nash, R. G. (1976). Uptake of Ethylenebis(Dithiocarbamate) Fungicides and Ethylenethiourea by Soybeans. *J.Agric.Food Chem.* 24: 596-601.

EcoReference No.: 90236

Chemical of Concern: ETU,Nabam,Zineb,Maneb; Habitat: T; Effect Codes: ACC;
Rejection Code: NO CONTROL(ALL CHEMS).

20. Pastorelli, R., Allevi, R., Romagnano, S., Meli, G., Fanelli, R., and Airoldi, L. (1995). Gas Chromatography-Mass Spectrometry Determination of Ethylenethiourea Hemoglobin Adducts: A Possible Indicator of Exposure to Ethylene bis Dithiocarbamate Pesticides. *Arch.Toxicol.* 69: 306-311.

EcoReference No.: 90125

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

21. Pease, H. L. and Holt, R. F. (1977). Manganese Ethylenebis (Dithiocarbamate)

(Maneb)/Ethylenethiourea (ETU) Residue Studies on Five Crops Treated with Ethylenebis(Dithiocarbamate) (EBDC) Fungicides. *J.Agric.Food Chem.* 25: 561-567.

EcoReference No.: 90083

Chemical of Concern: Maneb,ETU; Habitat: T; Effect Codes: ACC; Rejection Code: NO CROP(Maneb),NO TOXICANT(ETU),NO CONTROL(ALL CHEMS).

22. Rhodes, R. C. (1977). Studies with Manganese [¹⁴C]Ethylenebis(dithiocarbamate) ([¹⁴C]Maneb) Fungicide and [¹⁴C]Ethylenethiourea ([¹⁴C]ETU) in Plants, Soil, and Water. *J.Agric.Food Chem.* 25: 528-533.

EcoReference No.: 53587

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

23. Rosenberg, C. and Siltanen, H. (1979). Residues of Mancozeb and Ethylenethiourea in Grain Samples. *Bull.EnvIRON.Contam.Toxicol.* 22: 475-478.

EcoReference No.: 90901

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

24. Ross, R. G. and Ludwig, R. A. (1957). A Comparative Study of Fungitoxicity and Phytotoxicity in An Homologous Series of N-N-Alkylethylenethioureas. *Can J Botan* 35: 65-95.

EcoReference No.: 40721

Chemical of Concern: ETU; Habitat: T; Rejection Code: NO ENDPOINT(ETU).

25. Ruddick, J. A. and Khera, K. S. (1975). Pattern of Anomalies Following Single Oral Doses of Ethylenethiourea to Pregnant Rats. *Teratology* 12: 277-282 .

EcoReference No.: 72661

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

26. Sakamoto, T. (1982). Tissue Distribution and Excretion of 4,5-¹⁴C-Ethylenethiourea in Male Japanese Quail. *J.Pestic.Sci.Jpn.* 7: 15-21.

EcoReference No.: 90168

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

27. Savolainen, K. and Hervonen, H. (1985). Dithiocarbamate Fungicides Decrease Histochemical Reactivity of Cholinesterases in the Gut Wall of the Rat. *Arch.Toxicol.Suppl.* 8: 272-276.

EcoReference No.: 90500

Chemical of Concern: Zineb,Maneb,ETU; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(ETU,Maneb).

28. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern:

Du,BMY,ANTV,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: OK(ALL CHEMS),NO COC(MTAS).

29. Shirasu, Y., Tezuka, H., and Nakamura, S. (1976). Mutagenicity Studies on Ethylenethiourea. II. Cytogenetic Analysis. *Mutat.Res.* 38: 348-349.

EcoReference No.: 91137
Chemical of Concern: ETU; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ETU).
30. Van Leeuwen, C. J., Espeldoorn, A., and Mol, F. (1986). Aquatic Toxicological Aspects of Dithiocarbamates and Related Compounds. III. Embryolarval Studies with Rainbow Trout (*Salmo gairdneri*) . *Aquat.Toxicol.* 9: 129-145.

EcoReference No.: 12096
Chemical of Concern: Zn,Maneb,ETU,Zineb; Habitat: A; Rejection Code: NO CONTROL(ALL CHEMS).
31. Vogel, E. W. and Nivard, M. J. M. (1993). Performance of 181 Chemicals in a Drosophila Assay Predominantly Monitoring Interchromosomal Mitotic Recombination. *Mutagenesis* 8: 57-81.

EcoReference No.: 79630
Chemical of Concern: ACL,CF,AN,BNZ,ACY,FML,VYL,BZD,PPO,ETU; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
32. Warzok, R., Mendel, J., Thust, R., Blaufuss, E.-M., Batka, H., and Schwarz, H. (1980). Differences in Carcinogenicity After Transplacental and Postnatal Administration of Drugs and Pesticides. *Arch.Toxicol.Suppl.* 4: 25-28.

EcoReference No.: 90248
Chemical of Concern: ETU; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ETU).
33. Yip, G., Onley, J. H., and Howard, S. F. (1971). Residues of Maneb and Ethylene Thiourea on Field-Sprayed Lettuce and Kale. *J.Assoc.Off.Anal.Chem.* 54: 1373-1375.

EcoReference No.: 55853
Chemical of Concern: ETU,Maneb; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(Maneb,ETU).

H.4. List of exclusion terms utilized for reviewing studies considered for ECOTOX database

Review--all toxicity tests reported elsewhere. If the publication is applicable to one of the ECOTOX databases, the bibliography is skimmed and any applicable articles are ordered.

Methods--no usable toxicity tests. Reports of methods of conducting tests, determination or purification of chemicals, etc. Methods publications are selected to be ordered for the ECOTOX toxicology methods information file (Methfile).

Modeling only, no new organism exposure data. Modeling studies may report original toxicity tests performed as comparisons or as a basis for extrapolation; order the paper if it is not clear from the abstract.

Other ambient conditions--effects on organisms from changes in conditions other than addition of chemicals, including radioactivity, ultraviolet light (UV), temperature, pH, salinity, dissolved oxygen (DO), or other water, air, or soil parameters.

Biological Toxicant--includes venoms, fungal toxins, *Bacillus thuringiensis*, other plant, animal, or microbial extracts or toxins.

Drug--testing for drug effects and side-effects .

Effluent, sewage, or polluted runoff.

Mixture--no single chemical tests reported.

Nutrient studies--in situ chemicals tested as nutrients.

No Species--no organism present or tested or unable to verify a species or exposure of dead organism.

In Vitro studies, including exposure of cell cultures and excised tissues.

Bacteria as test organism, including **Microtox** tests, or other microbial organisms.

Yeast as a test organism is historically not coded in ECOTOX.

No Toxicity Data--publications which are not toxicology studies.

Human Health effects; studies with human subjects or with animal subjects as surrogates for human health risk assessment.

No Concentration--no usable dose or concentration reported; identified after examination of full paper. Includes lead-shot studies which lack dose information or give only number of pellets. Concentrations reported only in log units are not coded.

Sediment Concentration--chemical concentration reported in sediment only. Sediment studies are coded for AQUIRE only if a water concentration of the added chemical is also reported; order the publication if unclear from the abstract.

No Duration reported, identified after examination of full paper.

Incident papers--reports of animal deaths by poison, etc. Lacks usable concentration or duration or both.

Survey studies--measuring amounts of chemical present, but no usable quantification of exposure. Lacks either usable concentration or duration or both.

Fate: Studies reporting only what happens to the chemical in abiotic matrices

Food Studies, no chemical and effects information are reported

PUBL AS, author has results were published in a different format. For example, may be used for a Ph.D. dissertation when the same results were also published in a peer-reviewed journal.

NON-ENGLISH or **FORE,** paper was published in a foreign language.

H.5. List of mancozeb, maneb, and ETU related studies excluded from ECOTOX database

(H.5.) Mancozeb

(H.5.) Maneb

1. Dithiocarbamate Pesticides, Ethylenethiourea, and Propylenethiourea: a General Introduction. *Environmental health criteria* , 78 (1988) 140 p.
Rejection Code: REVIEW.
2. 2003). Extension of tolerances for emergency exemptions (multiple chemicals). *Federal Register* 68: 37759-37765.
Rejection Code: NO TOX DATA, FOOD.
3. 2003). Extension of tolerances for emergency exemptions (multiple chemicals). *Federal Register* 68: 37759-37765 .
; Habitat: T
4. Maneb. *Centre for international projects, gknt, moskva, ussr, 1983. 16p. 34 ref.*
Rejection Code: REVIEW.
5. Master's Degree Thesis an Examination of the Carcinogenicity of Miss Clairol Shampoo Formula Using Virgin Female Sprague-Dawley Rats Prepared by New York Univ. *Epa/ots; doc #878213774.*
Rejection Code: NO TOXICANT, HUMAN HEALTH.
6. 1992). Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards. *Federal Register* 57: 12560-601.
Rejection Code: NO TOX DATA.
7. Some Carbamates, Thiocarbamates and Carbazides. *Iarc monogr eval carcinog risk chem man. 1976; 12:1-282. [Iarc monographs on the evaluation of carcinogenic risk of chemicals to man]: IARC Monogr Eval Carcinog Risk Chem Man.*
Rejection Code: HUMAN HEALTH.
8. Abrams, K., Hogan, D. J., and Maibach, H. I. (Pesticide-Related Dermatoses in Agricultural Workers. *Occupational medicine: state of the art reviews july-sep. 1991, vol.6, No.3, P.463-492. 190 ref.*

Rejection Code: HUMAN HEALTH.

9. Adams, R. M. and Manchester, R. D. (Allergic Contact Dermatitis to Maneb in a Housewife. *Contact dermatitis*. 1982, jul; 8(4):271. [*Contact dermatitis*]: *Contact Dermatitis*.
Rejection Code: HUMAN HEALTH.
10. Afsar, H. and Demirata, B. (1987). Simple Method for Distinguishing Maneb, Zineb, Mancozeb, and Selected Mixtures. *J.Assoc.Off.Anal.Chem.* 70: 923-924.
Rejection Code: METHODS/MIXTURE.
11. Alikhanidi, Sokratis and Takahashi, Yoshimasa (2004). Pesticide persistence in the environment - collected data and structure-based analysis. *Journal of Computer Chemistry, Japan* 3: 59-70.
Rejection Code: SURVEY.
12. Allen, S. E. , Parkinson, J. A., and Rowland, A. P. (1989). Pollutants. *Allen, s. E. (Ed.). Chemical analysis of ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa Oxford, england, uk. Illus. Isbn 0-632-01742-2.; 0: 201-239.*
Rejection Code: SURVEY.
13. Allen, T. W Jr and Enebak, S. A. (Seed Treatment to Control Fusarium Subglutinans on Longleaf Pine Pinus Palustris Mill Seed. *Annual meeting of the american phytopathological society, las vegas, nevada, usa, november 8-12, 1998. Phytopathology; 88 (9 suppl.). 1998. S3. Ab - biosis copyright: biol abs. Rrm meeting abstract pinus-palustris fusarium-subglutinans fusarium-oxysporum fusarium-proliferatum fusarium-solani longleaf pine host seed thiabendazole fungicide mertect-340f mane b manzate triticonazole premis metalaxyl apron fs forestry pesticides pest management infection.*
Rejection Code: ABSTRACT.
14. Andersen, G. L. and Lindow, S. E. (1986). Occurrence and Control of Copper Tolerant Strains of Pseudomonas-Syringae on Almond and Citrus in California Usa. *1986 annual meeting of the american phytopathological society and of the caribbean and southern divisions, kissimmee, florida, usa, august 10-14, 1986. Phytopathology* 76: 1118.
Rejection Code: BACTERIA.
15. Anema, B. P. , Bouwman, J. J., and De Vlugt J (1988). Fluazinam a New Broad Spectrum Fungicide for Use in Bulbs. *International symposium on crop protection, part 2. Meded fac landbouwwet rijksuniv gent* 53: 635-642.
Rejection Code: REVIEW.
16. Angelidis, M. O., Markantonatos, P. G., Bacalis, N. C., and Albanis, T. A. (1996). Seasonal Fluctuations of Nutrients and Pesticides in the Basin of Evrotas River, Greece. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 31: 387-410.
Rejection Code: FATE.
17. Anon (Agricultural Chemicals and Farm Health Safety. *Ontario task force on health and safety in agriculture, 434 university avenue, toronto, ontario m7a 1t7, canada, dec. 1984. 146p. Illus. 209 ref. Ab - aspects covered in the 3rd of 3 reports prepared to serve as a basis for implementing safety and health programmes in ontario agriculture: background information; legislation on farm chemicals; pesticides (exposure routes, transport, storage, handling, mixing, disposal); toxicology of major pesticides used in ontario (organophosphates, carbamates, chlorinated hydrocarbons, dithiocarbamates and phthalimide, phenoxy, bipyridyllium, triazine, anilide, urea and phenolic compounds); toxic*

effects of other farm chemicals (dust, gases, mycotoxins, bacteria); epidemiological data (cancer and other diseases).

Rejection Code: HUMAN HEALTH.

18. Anon (Implications of Import and Export Policy for 1985-1986. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 21-23.
Rejection Code: NO TOX DATA.
19. Anon (Maneb. *Commission of the european communities, 2920 luxembourg, grand duchy of luxembourg; international programme on chemical safety (ipcs), world health organization, 1211 genève 27, switzerland, 1991. 2p.*
Rejection Code: HUMAN HEALTH.
20. Anon (Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 11-20.
Rejection Code: NO TOX DATA.
21. Anonymous (76). **<04 Article Title>**. In: *IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans* 12: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
22. Anonymous (1976). Maneb. In: *IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans* 12: 137-149.
Rejection Code: REFS CHECKED/REVIEW.
23. Anonymous (Manganese and Its Compounds: Environmental Aspects. *Concise international chemical assessment document (cicad) vol:63 (2004) 57 p.*
Rejection Code: REVIEW.
24. Anonymous (Occupational Exposure Limits for Chemicals. *Reproductive hazards of the workplace 1998::537-43: Reproductive Hazards of the Workplace.*
Rejection Code: HUMAN HEALTH.
25. Anonymous (Toxicological Profile for Manganese. *Agency for toxic substances and disease registry u.s. Public health service (2000) 466 p.*
Rejection Code: REVIEW.
26. Antonovich, E. A., Chernov, O. V., Samosh, L. V., Martson, L. V., Pilinskaya, M. A., Kurinny, L. I., Vekshtein, M. S., Martson, V. S., Balin, P. N., and Khitsenko, I. I. (1972). A Comparative Toxicologic Assessment of Dithiocarbamates. *Gig.Sanit.: Gigien.Aspekty Okhrany Okruzh.Sredy, (Moskva)* 25-30 (RUS) (ENG ABS).
Rejection Code: NON-ENGLISH.
27. Aprea, C., Sciarra, G., Sartorelli, P., Mancini, R., and Di Luca, V. (**<04 Article Title>**. *J toxicol environ health a. 1998, feb 20; 53(4):263-81. [Journal of toxicology and environmental health. Part a]: J Toxicol Environ Health A* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
28. Aprea, C., Sciarra, G., Sartorelli, P., Mancini, R., and Di Luca, V. (Environmental and Biological Monitoring of Exposure to Mancozeb, Ethylenethiourea, and Dimethoate During Industrial Formulation. *J toxicol environ health a. 1998, feb 20; 53(4):263-81. [Journal of toxicology and environmental health. Part a]: J Toxicol Environ Health A.*
Rejection Code: HUMAN HEALTH.
29. Arbuckle, T. E. and Sever, L. E. (1998). Pesticide Exposures and Fetal Death a Review of the

Epidemiologic Literature. *Critical reviews in toxicology* 28: 229-270.

Rejection Code: HUMAN HEALTH.

30. Archibald, S. O. and Winter, C. K. (1989). Pesticide Residues and Cancer Risks. *Calif agric* 43: 6-9.
Rejection Code: HUMAN HEALTH.
31. Archibald, S. O. and Winter, C. K. (1990). Pesticides in Our Food Assessing the Risks. *Winter, c. K., J. N. Seiber and c. F. Nuckton (ed.). Chemicals in the human food chain. Xv+276p. Van nostrand reinhold: florence, kentucky, usa* London, england, uk. Illus. Maps. Isbn 0-442-00421-4.; 0: 1-50.
Rejection Code: HUMAN HEALTH.
32. Arcos, J. C. , Woo, Y. T., and Lai, D. Y. (1988). Database on Binary Combination Effects of Chemical Carcinogens. *J environ sci health part c environ carcinog rev* 6: I-xiv, 1-150.
Rejection Code: HUMAN HEALTH.
33. Autio, K. and Pyysalo, H. (83). **<04 Article Title>**. *J.Agric.Food Chem.* 31: <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
34. Autio, K. and Pyysalo, H. (1983). Application of Gamma-Irradiation Technique in the Identification of Some Metabolites of Maneb in Mice. *J.Agric.Food Chem.* 31: 568-571.
Rejection Code: FATE.
35. Badawy, M. I. (1998). Use and Impact of Pesticides in Egypt. *International journal of environmental health research* 8: 223-239.
Rejection Code: SURVEY.
36. Balin, P. N. (1970). Experimental Data on the Blastomogenic Activiity of the Fungicide Maneb. *Vrach.Delo* 4: 21-24 (RUS).
Rejection Code: NON-ENGLISH.
37. Balls, M., Botham, P. A., Bruner, L. H., and Spielmann, H. (1995). The Ec International Validation Study on Alternatives to the Draize Eye Irritation Test./Pathology. *Toxicology in vitro* 9: 871-929.
Rejection Code: HUMAN HEALTH.
38. Barker, S. A. and Long, A. R. (Tissue Drug Residue Extraction and Monitoring by Matrix Solid Phase Dispersion (Mspd)-Hplc Analysis.
Rejection Code: CHEM METHODS.
39. Barlow, B. K., Lee, D. W., Cory-Slechta, D. A., and Opanashuk, L. A. (Modulation of Antioxidant Defense Systems by the Environmental Pesticide Maneb in Dopaminergic Cells. *Neurotoxicology.* 2005, jan; 26(1):63-75. [*Neurotoxicology*]: *Neurotoxicology*.
Rejection Code: IN VITRO.
40. Barrett, M. R. (1996). The Environmental Impact of Pesticide Degradates in Groundwater. *Meyer, m. T. And e. M. Thurman (ed.). Acs symposium series, 630. Herbicide metabolites in surface water and groundwater* Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. X+318p. American chemical society: washington, dc, usa. Isbn 0-8412-3405-1.; 630: 200-225.
Rejection Code: REVIEW.
41. Barthel, E. (Increased Risk of Lung Cancer in Pesticide Exposed Male Agricultural Workers. *American society for pharmacology and experimental therapeutics symposium on molecular mechanism(s) of toxicity of chlordecone (kepone), rochester, minn., Usa, august*

20, 1980. *J toxicol environ health*; 8 (5-6). 1981 (recd. 1982). 1027-1040.

Rejection Code: HUMAN HEALTH.

42. Basim, E. and Basim, H. (2004). Note: Evaluation of Antibacterial Activity of Essential Oil of Rosa Damascena on Erwinia Amylovora. *Phytoparasitica*, 32 (4) pp. 409-412, 2004.
Rejection Code: BIOLOGICAL TOXICANT, MIXTURE.
43. Bason, C. W. and Colborn, T. (1998). U.s. Application and Distribution of Pesticides and Industrial Chemicals Capable of Disrupting Endocrine and Immune Systems. *Journal of clean technology environmental toxicology and occupational medicine* 7: 147-156.
Rejection Code: REVIEW.
44. Bason, C. W. and Colborn, T. (1992). Us Application and Distribution of Pesticides and Industrial Chemicals Capable of Disrupting Endocrine and Immune Systems (NOT DUPLICATE). Colborn, t. And c. Clement (ed.). *Advances in modern environmental toxicology*, vol. 21. *Chemically-induced alterations in sexual and functional development: the wildlife connection* Meeting, racine, wisconsin, usa, july 26-28, 1991. Xxi+402p. Princeton scientific publishing co. Inc.: Princeton, new jersey, usa. Isbn 0-911131-35-3.; 21: 335-345.
Rejection Code: REVIEW.
45. Bayoumi, H. E Af and Kecskes, M. (1991). Growth of Rhizobium-Leguminosarum Biovar Viceae Strains and Their Symbiosis With Vicia-Faba Affected by Some Soil Applied Pesticides. *Eleventh congress of the hungarian society for microbiology and the foundation of the hungarian society for microbiology, budapest, hungary, august 22-24, 1991. Acta microbiol hung* 38: 235.
Rejection Code: ABSTRACT.
46. Beach, E. D. , Fernandez-Cornejo, J., Huang, W. Y., and Uri, N. D. (1995). The Potential Risks of Groundwater and Surface Water Contamination by Agricultural Chemicals Used in Vegetable Production. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 30: 1295-1325.
Rejection Code: FATE.
47. Beck, A. J., Wilson, S. C., Alcock, R. E., and Jones, K. C. (1995). Kinetic Constraints on the Loss of Organic Chemicals From Contaminated Soils Implications for Soil-Quality Limits. *Critical reviews in environmental science and technology* 25: 1-43.
Rejection Code: FATE.
48. Beck, S. L. (1988). Prenatal and Postnatal Assessment of Exposure of Cd-1 Mice to Maneb. *Twenty-eighth annual meeting of the teratology society, palm beach, florida, usa, june 12-15, 1988. Teratology* 37: 445.
Rejection Code: ABSTRACT.
49. BECK SL (1993). Additional endpoints and overview of a mouse skeletal variant assay for detecting exposure to teratogens. *TERATOLOGY*; 47 147-157.
Rejection Code: REVIEW.
50. Behl, E. and Eiden, C. A. (1991). Field-Scale Monitoring Studies to Evaluate Mobility of Pesticides in Soils and Groundwater. Nash, r. G. And a. R. Leslie (ed.). *Acs (american chemical society) symposium series*, 465. *Groundwater residue sampling design* 199th national meeting, boston, massachusetts, usa, april 22-27, 1990. Xii+395p. American chemical society: washington, d.c., Usa. Illus. Maps. Isbn 0-8412-2091-3.; 0: 27-46.
Rejection Code: FATE.
51. Beijer, B., Lundberg, P., and (Eds) (<04 Article Title>. *Arbetsmiljöinstitutet, f r rslagst janst*, 171

84 solna, sweden, 1993. 249p. 1016 ref. <25 Page(s)>; Habitat: <40 Habitat Code>;
Effect Codes: <08 Effects Code>.

52. Beije, B., Lundberg, P., and (Eds) (Criteria Documents From the Nordic Expert Group, 1993. *Arbetsmiljöinstitutet, f  rslagst  anst, 171 84 solna, sweden, 1993. 249p. 1016 ref.*
Rejection Code: NO TOX DATA.
53. Bensaci, M. and Neumann, P. (1989). Selection of Trichoderma-Spp Strains as Biocontrol Agents Resistant to Fungicides. *Annual meeting of the canadian phytopathological society, montreal, quebec, canada, july 9-13, 1988. Can j plant pathol* 11: 185-186.
Rejection Code: ABSTRACT.
54. Berger, S. and Cwiek, K. (Nutritional Importance of Pesticides. *Hathcock, j. N. (Ed.). Nutrition: basic and applied science: a series of monographs: nutritional toxicology, vol. II. Xv+300p. Academic press: san diego, california, usa; academic press inc. (London) ltd.: London, england, uk. Illus. Isbn 0-12-332602-8.; 0 (0). 1987. 281-288.*
Rejection Code: HUMAN HEALTH.
55. Bernstein, M. E. (Agents Affecting the Male Reproductive System: Effects of Structure on Activity. *Drug metab rev* 15:941-996,1984: *DRUG METAB REV.*
Rejection Code: HUMAN HEALTH.
56. Bishop, C. A., Collins, B., Mineau, P., Burgess, N. M. , Read, W. F., and Risley, C. (Reproduction of Cavity-Nesting Birds in Pesticide-Sprayed Apple Orchards in Southern Ontario, Canada, 1988-1994. *Environ toxicol chem* 2000 mar;19(3):588-99: *Environ Toxicol Chem.*
Rejection Code: SURVEY.
57. Bisson, M. and Hontela, A. (Cytotoxic and Endocrine-Disrupting Potential of Atrazine, Diazinon, Endosulfan, and Mancozeb in Adrenocortical Steroidogenic Cells of Rainbow Trout Exposed in Vitro. *Toxicol appl pharmacol.* 2002, apr 15; 180(2):110-7. [*Toxicology and applied pharmacology*]: *Toxicol Appl Pharmacol.*
Rejection Code: IN VITRO.
58. Bleyl, D. R. (Modification of Maneb Toxicity by Chronic Ethanol Intake--Prenatal Toxicologic Studies on a High-Risk Group. *Nahrung* 28:497-506,1984: *NAHRUNG.*
Rejection Code: HUMAN HEALTH.
59. Bleyl, D. W. R. (1984). Influence of Maneb Toxicity Under Chronical Ethanol Intake--Prenatal Toxicological Investigations for High-Risk Groups. *Nahrung. Vol. 28, no. 5, pp. 497-506. 1984.*
Rejection Code: NON-ENGLISH.
60. Bleyl, D. W. R. (1984). Ultrastructural Examinations of Fetal Thyroids After Application of Maneb to Pregnant Rats. *Archiv fuer Experimentelle Veterinaermedizin [ARCH. EXP. VETERINAERMED.]. Vol. 38, no. 4, pp. 487-492. 1984.*
Rejection Code: NON-ENGLISH.
61. Bonnemain, H. and Dive, D. (1990). Studies on Synergistic Toxic Effects of Copper and Dithiocarbamate Pesticides with the Ciliate Protozoan Colpidium campylum (Stokes). *Ecotoxicol. Environ. Saf.* 19: 320-326.
Rejection Code: NO DURATION.
62. Bradley, Carl A., Halley, Scott, and Henson, Robert A. (Evaluation of Fungicide Seed Treatments on Flax Cultivars Differing in Seed Color. *Industrial Crops and Products* In Press, Corrected Proof.

Rejection Code: NO SOURCE.

63. Bradley, S. G. and Morahan, P. S. (1982). Approaches to Assessing Host Resistance. *Symposium on target organ toxicity: immune system, arlington, va., Usa, oct. 20-21, 1980. Environ health perspect* 43: 61-70.
Rejection Code: MODELING.
64. Brewster, M. A., Rupe, W., and Rafferty, M. H. (1992). Small Area Pesticides Data: Multiplicity and Variability of Pesticide Usage on Southern Row Crops. *Arch environ contam toxicol* 23: 289-294.
Rejection Code: HUMAN HEALTH.
65. Bromand, B. (On the Problems of Minor Use in Denmark. *Pallutt, w. And h.-H. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 324; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 324); 2nd international symposium on minor uses called by the federal biological research centre for agriculture and forestry, june 11-13, 1996. 145p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3129-x.; 0 (324). 1996. 103-110.*
Rejection Code: NO TOX DATA.
66. Brouwer, D. H., Brouwer, E. J., and Van Hemmen Jj (1992). Assessment of Dermal and Inhalation Exposure to Zineb-Maneb in the Cultivation of Flower Bulbs. *Ann occup hyg* 36: 373-384.
Rejection Code: HUMAN HEALTH.
67. Brown, L. R. 3d, Brown, S. J., and Miller, R. H. (1999). Teratogenic Effects of Dithane-M-45 on *Lepomis Macorchirus*: Growth and Developmental Effects on Males and Females. *Teratology* 1999 jun;59(6):417: *Teratology* 59: 417.
Rejection Code: ABSTRACT.
68. Brown, S. A. , Brown, L. R. 3d, Miller, R. H., and Thompson, D. P. (1999). The Teratogenic Effects of *Procambarus Clarkii* Exposed to Varying Concentrations of Maneb: Physiological and Morphological Changes in Males and Females. *Teratology* 1999 jun;59(6):416: *Teratology* 59: 416.
Rejection Code: ABSTRACT.
69. Brown, S. Aj , Brown, L. R Iii, Miller, R. H., and Thompson, D. P. (1999). The Teratogenic Effects of *Procambarus Clarkii* Exposed to Varying Concentrations of Maneb: Physiological and Morphological Changes in Males and Females. *39th annual meeting of the teratology society, keystone, colorado, usa, june 29-july 4, 1999.yteratology* 59: 416.
Rejection Code: ABSTRACT.
70. Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.
Rejection Code: REVIEW.
71. Brucker-Davis, F. (1998). Effects of Environmental Synthetic Chemicals on Thyroid Function. *Thyroid* 8: 827-856.
Rejection Code: REFS CHECKED/REVIEW.
72. Bruze, M. and Fregert, S. (<04 Article Title>. *Contact dermatitis. 1983, may; 9(3):208-12. [Contact dermatitis]: Contact Dermatitis* <25 Page(s)>; Habitat: <40 Habitat Code>; Effect Codes: <08 Effects Code>.
73. Bruze, M. and Fregert, S. (Allergic Contact Dermatitis From Ethylene Thiourea. *Contact*

dermatitis. 1983, may; 9(3):208-12. [*Contact dermatitis*]: *Contact Dermatitis*.
Rejection Code: HUMAN HEALTH.

74. Bubb, M. R. (Zyban: Two Products, Two Uses--Too Confusing? *Jama*. 1998, jun 3; 279(21):1701-2. [*Jama : the journal of the american medical association*]: *JAMA*.
Rejection Code: HUMAN HEALTH.
75. Bueno, D. E. Mesquita Hb, Doornbos, G., Van, D. E. R. Kuip D Am, Kogevinas, M., and Winkelmann, R. (1993). Occupational Exposure to Phenoxy Herbicides and Chlorophenols and Cancer Mortality in the Netherlands. *Am j ind med* 23: 289-300.
Rejection Code: HUMAN HEALTH.
76. Burridge, L. E. and Haya, K. (1987). The Use of a Fugacity Model to Assess Risk to Aquatic Animals of Agricultural Pesticides Uses on Prince Edward Island Canada. *Thirteenth annual aquatic toxicity workshop, moncton, new brunswick, canada, november 12-14, 1986. Can tech rep fish aquat sci* 0: 136-140.
Rejection Code: MODELING.
77. Byford, W. J. (1985). A Comparison of Fungicide Seed Treatments to Improve Sugar Beet Seedling Establishment. *Plant Pathol.* 34: 463-466.
Rejection Code: MIXTURE.
78. Cabral, J. Rp (1987). Carcinogenicity of Pesticides. *Costa, I. G., C. L. Galli and s. D. Murphy (ed.). Nato asi (advance science institute) series, series h: cell biology, vol. 13. Toxicology of pesticides: experimental, clinical and regulatory perspectives Meeting, riva del garda, italy, october 6-15, 1986. Ix+320p. Springer-verlag new york, inc.: Secaucus, new jersey, usa; berlin, west germany. Illus. Isbn 0-387-16093-0; isbn 3-540-16093-0.; 0: 125-146.*
Rejection Code: REVIEW.
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