



**US Environmental Protection Agency
Office of Pesticide Programs**

APPENDIX D BIBLIOGRAPHY OF ECOTOX PAPERS

October 18, 2007

APPENDIX D BIBLIOGRAPHY OF ECOTOX PAPERS

Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

1. Berry, C. D. and Buchanan, G. A. (1974). Tolerance of *Phalaris tuberosa* L. and *Festuca arundinacea* Schreb. to Preemergence Herbicide Treatment. *Crop Sci.* 14: 96-99.

EcoReference No.: 41566
Chemical of Concern: TFN, CPP, ACR, FMU, ATZ, SZ, PMT, VNT, NPM, DU, BS, EFS, DMB ;
Habitat: T; Effect Codes: POP, PHY, MOR, REP; Rejection Code: OK
TARGET(DMB), OK(ALL CHEMS).
2. Bingham, S. W. and Shaver, R. L. (1979). Effectiveness of Herbicide Programs for Annual Bluegrass (*Poa annua*) Control in Bermudagrass (*Cynodon dactylon*). *Weed Sci.* 27: 367-370.

EcoReference No.: 72708
Chemical of Concern: BS; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(BS).
3. Butler, P. A. (1965). Commercial Fishery Investigations. In: *Effects of Pesticides on Fish and Wildl. Circ. 226, U.S.D.I., Washington, D.C.* 65-77.

EcoReference No.: 807
Chemical of Concern: ATZ, BS, CMPH, DU, HCCH, MLT, PMT, PRT, ACL, NTP, PCLK, PRO;
Habitat: A; Effect Codes: GRO, MOR, BEH; Rejection Code: LITE EVAL
CODED(PRO), NO CONTROL(ATZ, MLT, ACL).
4. Callahan, L. M. and High, J. W. Jr. (1990). Herbicide Effects on Bermudagrass Lawn Recovery and Crabgrass Control During Spring Root Decline in the North-South Transition Zone. *J. Am. Soc. Hort. Sci.* 115: 597-601.

EcoReference No.: 72710
Chemical of Concern: BS; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(BS).
5. Callahan, L. M. and McDonald, E. R. (1992). Effectiveness of Bensulide in Controlling Two Annual Bluegrass (*Poa annua*) Subspecies. *Weed Technol.* 6: 97-103.

EcoReference No.: 81146
Chemical of Concern: BS; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(BS).
6. Callahan, L. M., Overton, J. R., and Sanders, W. L. (1983). Initial and Residual Herbicide Control of Crabgrass (*Digitaria* spp.) in Bermudagrass (*Cynodon dactylon*) Turf. *Weed Sci.* 31: 619-622.

EcoReference No.: 71525
Chemical of Concern: SZ, BS; Habitat: T; Rejection Code: NO
MIXTURE(SZ), TARGET(BS).
7. Christians, N. E. (1982). Preemergence Herbicide Effects on Four Kentucky Bluegrass Cultivars. *Hortscience* 17: 911-912.

EcoReference No.: 72305
Chemical of Concern: BS; Habitat: T; Effect Codes: GRO; Rejection Code:
TARGET(BS).

8. Dernoeden, P. H., Davis, D. B., and Fry, J. D. (1988). Rooting and Cover of Three Turf Species as Influenced by Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 42: 169-173.

EcoReference No.: 72469
Chemical of Concern: BS; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(BS).
9. Engel, R. E. and Callahan, L. M. (1966). Merion Kentucky Bluegrass Response to Soil Residue of Preemergence Herbicides. *Weeds* 15: 128-130.

EcoReference No.: 71996
Chemical of Concern: CHD,BS; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(BS).
10. Fuchs, A., Doma, S., and Voros, J. (1971). Laboratory and Greenhouse Evaluation of A New Systemic Fungicide, N,N'-Bis-(1-Formamido-2,2,2-Trichloroethyl)-Piperazine (Cela W 524). *Neth J Plan* 77: 42-54.

EcoReference No.: 30987
Chemical of Concern: BS; Habitat: T; Rejection Code: TARGET(BS).
11. Hess, F. D. (1980). A Chlamydomonas Algal Bioassay for Detecting Growth Inhibitor Herbicides. *Weed Sci.* 28(5): 515-520.

EcoReference No.: 6513
LITE Eval Status: LITE EVAL CODED(MLT)
ECOTOX Status:A
ACR,ATZ,BMN,BS,DBN,GYP,MLT,TFN,BTY,CPP,AMTL,EPTC,PAQT,FDE; Habitat: A; Effect Codes: POP
12. Johnson, A. W., Jaworski, C. A., Glaze, N. C., Sumner, D. R., and Chalfant, R. B. (1981). Effects of Film Mulch and Soil Pesticides on Nematodes, Weeds, and Yields of Vegetable Crops. *J.Nematol.* 13: 141-148.

EcoReference No.: 89168
Chemical of Concern: BS,EP,CBF,MB,CLP,PNB,BTY,NaN3; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BS),NO CONTROL(NaN3),NO MIXTURE(EP,CBF,MB,PNB,BTY,CLP).
13. Johnson, B. J. (1975). Crabgrass Control in Common Bermudagrass Turf from Herbicides Applied the Previous Year. *Ga.Agric.Res.* 17: 17-18.

EcoReference No.: 25120
Chemical of Concern: DCPA,BS,BFL,SZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(SZ,BS),OK(DCPA,BFL).
14. Johnson, B. J. (1982). Influence of Herbicide Rotation Treatments on Species Composition of Weeds in Turfgrass. *Weed Sci.* 30: 548-552.

EcoReference No.: 25689
Chemical of Concern: DCPA,BS,ODZ; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(BS).
15. Johnson, B. J. (1983). Response of Weeds in Bermudagrass (*Cynodon dactylon*) Turf to Tank-Mixed Herbicides. *Weed Sci.* 31: 883-888.

EcoReference No.: 41000
Chemical of Concern: SZ,GYP,DCPA,24DXY,DMB,BS; Habitat: T; Effect Codes: POP;
Rejection Code: OK TARGET(SZ),TARGET(DMB).

16. Johnson, B. J. (1987). Tolerance of Bentgrass to Dates and Frequency of Preemergence Herbicide Treatments. *Agron.J.* 79: 992-996.

EcoReference No.: 72307
Chemical of Concern: BS; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(BS).

17. Johnson, B. J. (1983). Tolerance of Bermudagrass (*Cynodon dactylon*) Putting Greens to Herbicide Treatments. *Weed Sci.* 31: 415-418.

EcoReference No.: 72070
Chemical of Concern: BS; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(BS).

18. Juska, F. V., Hanson, A. A., and Hovin, A. W. (1971). Phytotoxicity of Preemergence Herbicides. *Calif.Turfgrass Cult.* 21: 3-6.

EcoReference No.: 72705
Chemical of Concern: BS,Pb; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(BS).

19. Karr, G. W. Jr., Gudauskas, R. T., and Dickens, R. (1979). Effects of Three Herbicides on Selected Pathogens and Diseases of Turfgrasses. *Phytopathology* 69: 279-282.

EcoReference No.: 72639
Chemical of Concern: BS; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(BS).

20. Kikuchi, M. (1993). Toxicity Evaluation of Selected Pesticides Used in Golf Links by Algal Growth Inhibition Test. *J.Jpn.Soc.Water Environ.* 16: 704-710 (JPN)(ENG ABS).

EcoReference No.: 2478
Chemical of Concern: DZ,TCF,FNT,CAPTAN,FTL,CTN,PDM,BS,MCPPI,NPP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CTN,BS).

21. Kratky, B. A. and Warren, G. F. (1971). The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides. *Weed Res.* 11: 257-262.

EcoReference No.: 40616
Chemical of Concern:
EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DMB,LNR,PQT,TRB,TFN,PYZ,Na
N3,PRO; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL
CODED(BMC,PRO,ATZ,SZ,PYZ,NaN3-aquatic),NO ENDPOINT(BMC,BS,SZ-
terrestrial,DMB),OK TARGET(ATZ-terrestrial,PRO-terrestrial)

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

EcoReference No.: 6797
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern:
EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATZ,AZ,BS,Captan,CBF,CBL,CMPH,CPY,Cu,CuS,

DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,LNR,MBZ,MDT,MLN,MLT,MOM,MP,MTL,Naled,OYZ,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RTN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN),OK(ALL CHEMS).

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

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CM PH,CQTC,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN₃,Naled,OYZ,PCP,PEB,PAQT ,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV, Se,DBAC,Zn,As,MTPN,DCB,MTAS,OXD; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT ,WFN,RTN,CuS, DOD,NaN₃,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),OK(ALL CHEMS).

24. Mazur, A. R., Jagschitz, J. A., and Skogley, C. R. (1969). Bioassays for Bensulide, DCPA, and Siduron in Turfgrass. *Weed Sci.* 17: 31-34.

EcoReference No.: 80994

Chemical of Concern: SID,DCPA,BS; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: TARGET(SID,BS).

25. Neidlinger, T. J., Furtick, W. R., and Goetze, N. R. (1968). Susceptibility of Annual Bluegrass and Turfgrasses to Bensulide and Three Uracil Herbicides. *Weed Sci.* 16: 16-18.

EcoReference No.: 81009

Chemical of Concern: BS,BMC,TRB; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(BS,BMC).

26. Putnam, A. R. and Davidson, H. (1970). Chemical Control of Weeds in Transplanted Ground Covers. *J.Am.Soc.Hortic.Sci.* 95: 687-689.

EcoReference No.: 43457

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern: SZ,BS,DBN,TFN; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(SZ).

27. Sanders, H. O. (1970). Toxicities of Some Herbicides to Six Species of Freshwater Crustaceans. *J.Water Pollut.Control Fed.* 24: 1544-1550 (Publ in Part As 6797).

EcoReference No.: 886

Chemical of Concern: SZ,EDT,24DXY,BS,DBN,DMB,DU,MLT,PEB,TFN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(MLT,SZ,DMB),OK(ALL CHEMS).

28. Skroch, W. A., Catanzaro, C. J., and Yonce, M. H. (1990). Response of Nine Herbaceous Flowering Perennials to Selected Herbicides. *J.Enviro.Hortic.* 8: 26-28.

EcoReference No.: 73250
Chemical of Concern: MTL,BS,NPP
Endpoint: GRO,PHY; Habitat : T; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL
CODED(MTL),OK TARGET(MTL),TARGET(BS).

29. Smith, G. S. and Callahan, L. M. (1968). Herbicidal Phytotoxicity to Emerald Zoysia During Establishment. *Weed Sci.* 6: 312-315.

EcoReference No.: 72634
Chemical of Concern: ATZ,SZ,BS; Habitat: T; Effect Codes: POP,PHY; Rejection Code:
TARGET(SZ,ATZ,BS).

30. Talbert, R. E., Johnson, D. H., Wichert, R. A., and Kendig, J. A. (1987). Field Evaluations of Herbicides on Small Fruit and Vegetable Crops, 1987. *Ark.Agric.Exp.Stn.Res.Ser.* 1-25.

EcoReference No.: 73744
Chemical of Concern:
HXZ,GYP,OXF,ACF,OYZ,SZ,CYC,PHMD,DEE,MBZ,DMM,ACR,BS,NPM,NPP,EFL,FZP
,IMQ,CMZ,IZT,FZFPB,MTL,SXD,FSF,EPTC,TFN,BT,PAQT,TRB; Habitat: T; Effect
Codes: POP; Rejection Code: NO MIXTURE(SXD, PHMD),OK
TARGET(MTL,SZ),OK(ALL CHEMS),TARGET(BS),NO CROP(BS).

31. Torello, W. A. and Jagschitz, J. A. (1979). Crabgrass Control in Turfgrass Using Preemergent Herbicides and Surfactants. *Proc.Northeast.Weed Sci.Soc.* 33: 297-302.

EcoReference No.: 25887
Chemical of Concern: BS,BTL,DCPA,ODZ,SID; Habitat: T; Effect Codes: POP,PHY;
Rejection Code: TARGET(SID,BS),NO ENDPOINT,NO STATS(BS,BTL,DCPA,ODZ).

32. Turgeon, A. J., Freegorg, R. P., and Bruce, W. N. (1975). Thatch Development and Other Effects of Preemergence Herbicides in Kentucky Bluegrass Turf. *Agron J* 67: 563-565.

EcoReference No.: 30836
Chemical of Concern: BS; Habitat: T; Rejection Code: TARGET(BS).

Acceptable for ECOTOX but not OPP

1. Ashton, F. M., Penner, D., and Hoffman, S. (1968). Effect of Several Herbicides on Proteolytic Activity of Squash Seedlings. *Weed Sci.* 16: 169-171.

EcoReference No.: 43990
Chemical of Concern: TFN,EDT,24DXY,ATZ,BMC,BMN,BS,DBN,DMB; Habitat: T;
Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

2. Berry, C. D. and Buchanan, G. A. (1974). Tolerance of *Phalaris tuberosa* L. and *Festuca arundinacea* Schreb. to Preemergence Herbicide Treatment. *Crop Sci.* 14: 96-99.

EcoReference No.: 41566
Chemical of Concern:
TFN,CPP,ACR,FMU,ATZ,SZ,PMT,VNT,NPM,DU,EFS,DMB,QJS,BS; Habitat: T; Effect
Codes: MOR,REP,POP,PHY; Rejection Code: NO
ENDPOINT,TARGET(SID,ATZ,DMB,SZ),OK(ALL CHEMS),NO COC(CBL,BS)
OK TARGET(ATZ,DMB,SZ),OK(ALL CHEMS),NO COC(CBL)

3. Bingham, S. W. (1966). Influence of Herbicides on Root Development of Bermudagrass. *Weeds* 14:

363-365.

EcoReference No.: 41607

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

4. Butler, P. A. (1965). Commercial Fishery Investigations. *In: Effects of Pesticides on Fish and Wildl.Circ.226, U.S.D.I., Washington, D.C.* 65-77.

EcoReference No.: 807

Chemical of Concern:

ATZ,BS,CMPH,DU,HCCH,MLT,PMT,PRT,ACL,NTP,PCLK,PRO,OXD; Habitat: A; Effect Codes: GRO,MOR,BEH; Rejection Code: LITE EVAL CODED(PRO),NO CONTROL(BS,OXD,ATZ,MLT,ACL).

5. Callahan, L. M., Overton, J. R., and Sanders, W. L. (1983). Initial and Residual Herbicide Control of Crabgrass (*Digitaria* spp.) in Bermudagrass (*Cynodon dactylon*) Turf. *Weed Sci.* 31: 619-622.

EcoReference No.: 71525

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern: SZ,BS; Habitat: T; Rejection Code: NO MIXTURE(SZ).

6. Cisar, J. L. and Jagachitz, J. A. (1984). Turfgrass Tolerance to Post- and Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 38: 298-302.

EcoReference No.: 44107

Chemical of Concern: NPP,EFS,BS; Habitat: T; Effect Codes: PHY; Rejection Code: NO CONTROL,ENDPOINT(BS).

7. Cope, O. B. (1965). Sport Fishery Investigations. *In: Fish and Wildl.Serv.Cicr.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.:* 51-63 (Publ in Part As 6797) .

EcoReference No.: 2871

Chemical of Concern:

CHD,CuS,PAQT,MCB,TFN,DBN,DZ,AND,PYN,HPT,EN,DLD,HCCH,EPRN,DDT,TXP,MR, VNT,CU,ATN,DU,SZ,MLN,RTN,MXC,DDVP,DMT,FNTH,TCF,ADC,CBL,BS,DBM,FNF,24DXY,AMSV,DBAC,NSM,BYT,MVP,DBN,,CBL,DMT,DU,DZ,HCCH,MLT,Naled,SZ,TFN,ADC,CHD,TXP,TCF,CuS,PAQT,MCB,AND,PYN,HPT,DLD,EN,EPRN,DDT,FNF, MVP,BTY,NSM,RTN,AMSV,VNT,Cu,ATN,MXC,DDVP,DBM,DBAC; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: NO CONTROL(BS),LITE EVAL CODED(MLN),OK(ALL CHEMS).

8. Coville, C. M. and Jagschitz, J. A. (1976). Herbicides for Preemergence Crabgrass and Goosegrass Control in Turfgrass--1975. *Proc.Northeast.Weed Sci.Soc.* 30: 367-371.

EcoReference No.: 40806

Chemical of Concern: EFS,BS,SID; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(SID,BS,EFS).

9. Cutter, E. G., Ashton, F. M., and Huffstutter, D. (1968). The Effects of Bensulide on the Growth, Morphology and Anatomy of Oat Roots. *Weed Res.* 8: 346-352.

EcoReference No.: 42906

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

10. Hamilton, K. C. and Arle, H. F. (1969). Directed Applications of Herbicides in Irrigated Cotton. *Weed Sci.* 17: 85-88.

EcoReference No.: 43797

Chemical of Concern: DU,BS,PMT; Habitat: T; Effect Codes: MOR,GRO,POP,PHY; Rejection Code: NO CONTROL,ENDPOINT(BS).

11. Hankin, L. and Hill, D. E. (1982). Yield Losses and Increases in Certain Vitamins in Cucumbers Treated with the Herbicide 3-Amino-2,5-Dichlorobenzoate and Urea Fertilizer. *Soil Sci* 134: 193-197.

EcoReference No.: 25709

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

12. Hedley, M. E., Preston, A. F., Cross, D. J., and Butcher, J. A. (1979). Screening of Selected Agricultural and Industrial Chemicals as Wood Preservatives. *Int.Biodeterior.Bull.* 15: 9-18.

EcoReference No.: 80749

Chemical of Concern:

TCMTB,BMY,DINO,PZM,MTZ,AMTR,BS,TCMTB,PNB,GYP,TZL,TBA,ACR,FRM,PTB Na,CBX,OXC,HXZ,TET,BMC,DOD,Zn,TRB,DIIS; Habitat: T; Effect Codes: GRO,MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

13. Hess, F. D. (1980). A Chlamydomonas Algal Bioassay for Detecting Growth Inhibitor Herbicides. *Weed Sci.* 28: 515-520.

EcoReference No.: 6513

Chemical of Concern:

ACR,ATZ,BMN,BS,DBN,GYP,MLT,TFN,BTY,CPP,AMTL,EPTC,PAQT,FDE; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(BS),LITE EVAL CODED(ATZ,MLT).

14. Jagschitz, J. A. (1971). Preemergence Crabgrass and Goosegrass Control in Turfgrass with Herbicides. *Proc.Northeast.Weed Sci.Soc.* 26: 205-210.

EcoReference No.: 41913

Chemical of Concern: BS,TBC,SID; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,CONTROL(SID,BS,TBC).

15. Johnson, B. J. (1977). Effect of Herbicide Treatments on Overseeded Putting Green Turf. *Weed Sci.* 25: 343-347.

EcoReference No.: 43004

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

16. Johnson, B. J. (1975). Minimal Herbicide Treatments on the Establishment of Four Turfgrasses. *Agron J* 67: 786-789.

EcoReference No.: 40791

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

17. Johnson, B. J. (1983). Response of Weeds in Bermudagrass (*Cynodon dactylon*) Turf to Tank-Mixed Herbicides. *Weed Sci.* 31: 883-888.

EcoReference No.: 41000

Chemical of Concern: SZ,GYP,DCPA,24DXY,DMB,BS; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(SZ),TARGET(DMB),NO CONTROL,ENDPOINT(BS).

18. Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).

EcoReference No.: 666

Chemical of Concern:

EDT,RSM,Captan,CBF,CBL,DFZ,PSM,24DXY,ACP,ACR,AZ,BS,Captan,CMPH,CPY,DB N,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,MDT,MLN,MLT,MOM,MP,Naled, OYZ,PRT,SZ,TBC,TPR,As,Pb; Habitat: A; Effect Codes: MOR,ITX,BEH; Rejection Code: NO PUBL AS.

19. 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,MCPPI,MDT,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,MCPPI,MLT,MP,MRX,MTM,M XC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SI D,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

20. Kikuchi, M. (1993). Toxicity Evaluation of Selected Pesticides Used in Golf Links by Algal Growth Inhibition Test. *J.Jpn.Soc. Water Environ.* 16: 704-710 (JPN)(ENG ABS).

EcoReference No.: 2478

Chemical of Concern: DZ,TCF,FNT,CAPTAN,FTL,CTN,PDM,BS,MCPPI,NPP; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN.

21. Kikuchi, M., Miyagaki, T., and Wakabayashi, M. (1996). Evaluation of Pesticides Used in Golf Links by Acute Toxicity Test on Rainbow Trout. *Bull.Jpn.Soc.Sci.Fish.(Nippon Suisan Gakkaishi)* 62: 414-419 (JPN) (ENG ABS).

EcoReference No.: 18916

Chemical of Concern: CPY,BFL,BS,CAPTAN,IFP,PDM,FTL,TCF,FNT,DZ,CTN,MCPPI; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(BS).

22. Kratky, B. A. and Warren, G. F. (1971). The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides. *Weed Res.* 11: 257-262.

EcoReference No.: 40616

Chemical of Concern:

EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DMB,LNR,PQT,TRB,TFN,PYZ,Na

N3,PRO; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED (ATZ-aquatic,SZ,PYZ,NaN3-aquatic),NO ENDPOINT(SZ,PYZ,NaN3,DMB-terrestrial,DMB-aquatic),OK(SZ-aquatic,PYZ-aquatic,NAN3-aquatic),OK TARGET(ATZ-terrestrial).

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

EcoReference No.: 6797

Chemical of Concern:

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

24. McCorkle, F. M., Chambers, J. E., and Yarbrough, J. D. (1977). Acute Toxicities of Selected Herbicides to Fingerling Channel Catfish, *Ictalurus punctatus*. *Bull.Environ.Contam.Toxicol.* 18: 267-270.

EcoReference No.: 858

Chemical of Concern: 24DXY,BS,DU,MBZ,DMM,TFN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(BS).

25. Nishiuchi, Y. (1974). Control Effect of Pesticide to Duckweed. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 14: 69-72 (JPN) (ENG ABS).

EcoReference No.: 15281

Chemical of Concern:

24DXY,ACR,BMC,BS,DBN,DU,LNR,MLT,PEB,PMT,PQT,SZ,TBC,PHMD,PYZ,CuS,PCP, PPZ,QOC; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,CONTROL,ENDPOINT(QOC,BS).

26. Office of Pesticide Programs (2000). Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). *Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.*

EcoReference No.: 344

Chemical of Concern:

4AP,24DXY,ACL,ACP,ACR,Ag,AKTMD,ALSV,APAC,AQS,AsAC,ASCN,ATM,ATN,AT Z,AZ,BBN,BDF,BFT,BMC,BML,BMN,Br2,BrCl,BRSM,BS,BT,CaPS,Captan,CBF,CBL,CF E,CFE,CFRM,CLNB,CLP,CMPH,CPC,CPY,CQTC,CrACCTN,CTZ,Cu,CuFRA,CuO,CuOT, CuTE,CuS,CYD,CYF,CYP,CYT,DBN,DCNA,DBAC,DDAC,DFT,DFZ,DIIS,DKGNa,DM, DMB,DMM,DMP,DMT,DOD,DPC,DPDP,DPP1,DPP2,DS,DSP,DU,DZ,DZM,EFL,EFS,EF V,EP,FHX,FAME,FMP,FO,Folpet,FPN,FPP,FTN,FVL,GTN,GYP,HCCH,HXZ,IGS,IODN,I PD,IZP,KMFD,LNR,MAL,MB,MBZ,MCP1,MCP2,MDT,MFDD,MFX,MFZ,MGK,MLN, MLT,MOM,MP,MTC,MTL,MTM,NAA,NaBr,Naled,NAPH,NFZ,NPP,NTP,OTN,OXF,OXT ,OYZ,PCP,PCZ,PDM,PEB,PHMD,PMR,PMT,PNB,PPB,PPG,PPMH,PPZ,PQT,PRB,PRT,PS M,PYN,PYZ,RSM,RTN,SMM,SMT,SS,SXD,SZ,TBC,TBD,TCMTB,TDC,TDF,TDZ,TET,T FN,TFR,TMT,TPR,TRB,WFN,ZnP,PRO; Habitat: AT; Effect Codes:

MOR,POP,PHY,GRO,REP; Rejection Code: NO EFED (344).

27. Pennucci, A. and Jagschitz, J. A. (1984). Preemergent Herbicides for Crabgrass and Psurge Control in Lawn Turf. *Proc.Northeast.Weed Sci.Soc.* 38: 265-270 .

EcoReference No.: 44111

Chemical of Concern: NPP,EFS,FO,BS,SID; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(SID,BS,FO,EFS,NPP).

28. Putnam, A. R. and Davidson, H. (1970). Chemical Control of Weeds in Transplanted Ground Covers. *J.Am.Soc.Hortic.Sci.* 95: 687-689.

EcoReference No.: 43457

Chemical of Concern: SZ,BS,DBN,TFN; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(SZ),NO CONTROL,ENDPOINT(BS).

29. Sanders, H. O. (1970). Toxicities of Some Herbicides to Six Species of Freshwater Crustaceans. *J.Water Pollut.Control Fed.* 24: 1544-1550 (Publ in Part As 6797).

EcoReference No.: 886

Chemical of Concern: SZ,EDT,24DXY,BS,DBN,DMB,DU,MLT,PEB,TFN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(MLT,SZ,DMB),OK(ALL CHEMS),NO CONTROL(BS).

30. Santelmann, P. W., Matlock, R. S., and Six, L. (1967). Phytotoxicity of Herbicides to Spanish Peanuts (*Arachis Hypogaea* L.) As Influenced by Planting Depth and Simulated Rainfall. *Crop Sci.* 7: 365-367.

EcoReference No.: 40873

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

31. Sharma, S. S. and Gaur, J. P. (1995). Potential of Lemna polyrrhiza for Removal of Heavy Metals. *Ecol.Eng.* 4: 37-43.

EcoReference No.: 75827

Chemical of Concern: ZnS,PbS,NiCl,BS; Habitat: A; Effect Codes: ACC,BCM; Rejection Code: NO ENDPOINT,NO STATS(ALL CHEMS).

32. Talbert, R. E., Johnson, D. H., Wichert, R. A., and Kendig, J. A. (1987). Field Evaluations of Herbicides on Small Fruit and Vegetable Crops, 1987. *Ark.Agric.Exp.Stm.Res.Ser.* 1-25.

EcoReference No.: 73744

User Define 2: WASH,CALF,CORE

Chemical of Concern:

HXZ,GYP,OXF,ACF,OYZ,SZ,CYC,PHMD,DEE,MBZ,DMM,ACR,BS,NPM,NPP,EFL,FZP,IMQ,CMZ,IZT,FZFPB,MTL,SXD,FSF,EPTC,TFN,BT,PAQT,TRB; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(SXD, PHMD),OK TARGET(MTL,SZ),OK(ALL CHEMS).

33. Tsay, R. C. and Ashton, F. M. (1971). Effect of Several Herbicides on Dipeptidase Activity of Squash Cotyledons. *Weed Sci.* 19: 682-684.

EcoReference No.: 41917

Chemical of Concern: AMTL,TFN,DMB,DBN,BS,ATZ,24DXY,EDT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

34. Watschke, T. L. and Welterlen, M. S. (1979). Crabgrass (*Digitaria Ischaemum*) Control with Single and Split Applications of Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 33: 256-261.

EcoReference No.: 41402

Chemical of Concern: GYP,BS,SID; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT,CONTROL(SID,BS).

BENSULIDE

Papers that Were Excluded from ECOTOX

1. 1980). Dimethylformamide; tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. *Federal Register* 45: 15927-8.
Rejection Code: HUMAN HEALTH.
2. 1981). Exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities; dimethylformamide. *Federal Register* 46: 15124-5.
Rejection Code: HUMAN HEALTH.
3. 1981). Exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities; N-methylpyrrolidone. *Federal Register* 46: 15123-4 .
Rejection Code: HUMAN HEALTH.
4. 1982). Exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities; N-methylpyrrolidone. *Federal Register* 47: 18128-9.
Rejection Code: HUMAN HEALTH.
5. 1980). N-Methylpyrrolidone; tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. *Federal Register* 45: 15928-9.
Rejection Code: HUMAN HEALTH.
6. 1982). Tolerance for pesticide chemicals in or on raw agricultural commodities; triforine. *Federal Register* 47: 18129-30.
Rejection Code: HUMAN HEALTH.
7. 1982). Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities; dimethylformamide. *Federal Register* 47: 18127-8.
Rejection Code: HUMAN HEALTH.
8. 1981). Tolerances for pesticide chemicals in or on raw agricultural commodities; triforine. *Federal Register* 46: 15125-7.
Rejection Code: HUMAN HEALTH.
9. 1980). Triforine; tolerances for residues. *Federal Register* 45: 15929-30.
Rejection Code: HUMAN HEALTH.
10. Update on Progress of Information Relating to Chemical Fertilizer Plant With Attachments.
Epa/ots; doc #fyi-ots-1278-0017.
Rejection Code: HUMAN HEALTH.
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. Andersen, Kenneth J. and Cutaia, Anthony J (1972). Evaluation of bensulide for mutagenic properties in microbial test system. *Journal of Agricultural and Food Chemistry* 20: 656-8.
Rejection Code: BACTERIA.
13. Anon (1983). Fungicidal mixtures. *Research Disclosure* 232: 278-9.
Rejection Code: MIXTURE.
14. Anon (1968). S-(O,O-Diisopropyl phosphorodithioate) of N-(2-mercaptoethyl)benzenesulfonamide. Tolerances for residues. *Federal Register* 33: 4326-7.
Rejection Code: HUMAN HEALTH.
15. Anon (1970). S-(O,O-diisopropyl phosphorodithioate) of N-(2-mercaptoethyl) benzenesulfonamide; tolerances for residues. *Federal Register* 35: 4952.
Rejection Code: HUMAN HEALTH.
16. Anon (1971). S-(O,O-diisopropyl phosphorodithioate) of N-(2-mercaptoethyl)benzenesulfonamide; tolerances for residues. *Federal Register* 36: 3048-9.
Rejection Code: HUMAN HEALTH.
17. Archer, B. M (1979). Nitrothal-isopropyl in admixtures with zineb-polyethylene thiuram disulfide complex and sulfur for the control of powdery mildew and scab on apple. *British Crop Protection Conference--Pests and Diseases, Proceedings* 95-102.
Rejection Code: REVIEW.
18. Babad, Harry and Herbert, Washington (1968). Nuclear magnetic resonance studies of phosphorus(V) pesticides. I. Chemical shifts of protons as a means of identification of pesticides. *Analytica Chimica Acta* 41: 259-68.
Rejection Code: METHODS.
19. Bache, Carl A. and Lisk, Donald J (1968). Versatility of OV-17 substrate for gas chromatography of pesticides. *Journal - Association of Official Analytical Chemists* 51: 1270-1.
Rejection Code: METHODS.
20. 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: HUMAN HEALTH.
21. Bechet, G. R (1977). Further evaluation of fungicides for control of pineapple disease of sugarcane. *Proceedings of the Annual Congress - South African Sugar Technologists' Association* 51: 51-4.
Rejection Code: REVIEW.
22. Brudenell, A. Jp, Baker, D. A., and Grayson, B. T. (1995). Phloem Mobility of Xenobiotics: Tabular Review of Physicochemical Properties Governing the Output of the Kleier Model. *Plant growth regulation* 16: 215-231.
Rejection Code: MODELING.
23. Butler, P. A. (1965). Commercial Fishery Investigations. *In: Effects of Pesticides on Fish and Wildl.Circ.226, U.S.D.I., Washington, D.C.* 65-77.

24. Butler, Philip A (1965). Effects of herbicides on estuarine fauna. *Proc. Southern Weed Conf.* 18: 576-80.
Rejection Code: REVIEW.
25. Carter, G. A (1977). The behavior of certain chemotherapeutants in laboratory and greenhouse tests. *Netherlands Journal of Plant Pathology* 83: 17-25.
Rejection Code: REVIEW.
26. Chambers, J.E., and Carr. R.L. (1995). Biochemical mechanisms contributing to species differences in insecticidal toxicity. *Toxicol.* 105, 291-304.
26. Clarke, Graham S., Baldwin, Brian C., and Rees, Huw H (1985). Inhibition of the fucosterol-24(28)-epoxide cleavage enzyme of sitosterol dealkylation in *Spodoptera littoralis* larvae. *Pesticide Biochemistry and Physiology* 24: 220-30.
Rejection Code: IN VITRO, METABOLISM.
27. Close, M. E. and Canter, L. W. (1990). A Planning Index for Assessing Potential Pesticide Contamination in Ground Water Systems. *Environ prof* 12: 278-285.
Rejection Code: REVIEW.
28. Cohen, S., Svrjcek, A., Durborow, T., and Barnes, N. L. (1999). Water Quality Impacts by Golf Courses. *Journal of environmental quality* 28: 798-809.
Rejection Code: FATE.
29. Comm Pestic Formulation Disinfect Usa (1991). General Referee Reports Committee on Pesticide Formulations and Disinfectants 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 107-110.
Rejection Code: NO TOX DATA.
30. Conner, A. J (1983). The comparative toxicity of vineyard pesticides to wine yeasts. *American Journal of Enology and Viticulture* 34: 278-9.
Rejection Code: YEAST.
31. Cope, O. B. (1965). Sport Fishery Investigations. In: *Fish and Wildl.Serv.Cicr.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.* 51-63 (Publ in Part As 6797).
; Habitat: A; Effect Codes: MOR,BCM
32. Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Pesticides Whose Mode of Action is Unknown. In: *The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 310-328.
Rejection Code: REVIEW.
33. Daimon, H. and Hirata, Y. (1994). Direct Coupling of Capillary Supercritical Fluid Chromatography With Supercritical Fluid Extraction Using Modified Carbon Dioxide. *Hrc journal of high resolution chromatography* 17: 809-813.
Rejection Code: METHODS.
34. Darda, Siegfried, Darskus, Rolf L., Eichler, Dietrich, Ost, Walter, and Wotschokowsky, Manfred (1977). Hydrolysis and photolysis of the fungicide triforine. *Pesticide Science* 8: 183-92.
Rejection Code: FATE.
35. Darskus, R. and Eichler, D (1978). Triforine. *Analytical Methods for Pesticides and Plant Growth Regulators* 10: 243-51.

Rejection Code: METHODS.

36. Decker, Phares and Buchanan, D. W (1973). Chemical control of fruit and foliage diseases of stone fruit. *Proceedings of the Florida State Horticultural Society* 85: 323-6.
Rejection Code: REVIEW.
37. Dougherty, Ralph C. and Wander, Joseph D (1980). Chloride attachment negative chemical ionization mass spectra of organophosphate pesticides. *Biomedical Mass Spectrometry* 7: 401-4.
Rejection Code: METHODS.
38. Easterbrook, M. A (1984). Chemical and integrated control of apple rust mite. *British Crop Protection Conference--Pests and Diseases, Proceedings* 1107-11.
Rejection Code: REVIEW.
39. Edmiston, S. and Maddy, K. T. (1987). Summary of Illnesses and Injuries Reported in California Usa by Physicians in 1986 as Potentially Related to Pesticides. *Vet hum toxicol* 29: 391-397.
Rejection Code: HUMAN HEALTH.
40. Eiker, Walter M. Jr (1973). Loss patterns of bensulide, nitalin, and trifluralin in sandy soil. *Univ. Florida, Gainesville, FL, USA*.
Rejection Code: FATE.
41. Entwistle, Ian D (1979). The use of 2-nitrophenylpropionic acid as a protecting group for amino and hydroxyl functions to be recovered by hydrogen transfer reduction. *Tetrahedron Letters* 555-8.
Rejection Code: METHODS.
42. Fan, A. M. and Jackson, R. J. (1989). Pesticides and Food Safety. *Regul toxicol pharmacol* 9: 158-174.
Rejection Code: NO TOX DATA.
43. Fogarty, A. M. and Tuovinen, O. H. (1991). Microbiological Degradation of Pesticides in Yard Waste Composting. *Microbiol rev* 55: 225-233.
Rejection Code: FATE.
44. Forgie, C. D (1976). Fungi control in pip and stone fruit with triforine. *Proceedings of the New Zealand Weed and Pest Control Conference* 29: 153-6.
Rejection Code: REVIEW.
45. Gadhher, P., Mercer, E. I., Baldwin, B. C., and Wiggins, T. E (1983). A comparison of the potency of some fungicides as inhibitors of sterol 14-demethylation. *Pesticide Biochemistry and Physiology* 19: 1-10.
Rejection Code: IN VITRO.
46. Gafar, Kamal Eldin, Gaeid, Khamis Salama, Husein, Salah Abd El-Monem, and Abd-Elmegid, M. Kamal Eldin (1975). New chemicals for the control of powdery mildew of mango. *Agricultural Research Review* 53: 61-4.
Rejection Code: REVIEW.
47. Gasztonyi, M. and Josepovits, G (1976). Biochemical and chemical factors of the selective antifungal effect of triforine. III. The role of the host plant in the selectivity of systemic action. *Acta Phytopathologica Academiae Scientiarum Hungaricae* 11: 141-6.
Rejection Code: IN VITRO.

48. Gasztonyi, M. and Josepovits, G (1978). Non-enzymic influence of plants on the free content of systemic pesticides. *Proceedings of the Hungarian Annual Meeting for Biochemistry* 18: 117-18.
Rejection Code: IN VITRO.
49. Geelen, J. A (1983). New fungicides for the control of black spot in process pears. *Proceedings of the New Zealand Weed and Pest Control Conference* 36: 273-6.
Rejection Code: REVIEW.
50. Goza, S. W (1972). Infrared analysis of pesticide formulations. *Journal - Association of Official Analytical Chemists* 55: 913-17.
Rejection Code: METHODS.
51. Griffiths, Windsor (19791212). Herbicidal heterocyclic compounds and their mixtures. 19 pp.
Rejection Code: NO COC, MIXTURE.
52. Grosser, Z. A., Ryan, J. F., and Dong, M. W. (1993). Environmental Chromatographic Methods and Regulations in the United States of America. *J chromatogr* 642: 75-87.
Rejection Code: METHODS.
53. Haith, Douglas A and Rossi, Frank S (Risk assessment of pesticide runoff from turf. *Journal Of Environmental Quality* 32: 447-455.
Rejection Code: EFFLUENT.
54. Haith, Douglas A and Rossi, Frank S (Risk assessment of pesticide runoff from turf. *Journal Of Environmental Quality* 32: 447-455.
Rejection Code: REVIEW.
55. Hampton, R. E., Blank, R. H., Dance, H. M., and Olson, M. H (1983). Tamarillo storage rot problems. *Proceedings of the New Zealand Weed and Pest Control Conference* 36: 121-4.
Rejection Code: REVIEW.
56. Hartill, W. F. T., Holland, P. T., and Eden, M. A (1983). Control of leaf spot in strawberries. *Proceedings of the New Zealand Weed and Pest Control Conference* 36: 74-8.
Rejection Code: REVIEW.
57. Hashimoto, Yasushi and Nishiuchi, Yasuhiro (1983). Effects of herbicides on aquatic animals. *Pestic. Chem.: Hum. Welfare Environ., Proc. Int. Congr. Pestic. Chem., 5th* 2: 355-8.
Rejection Code: REVIEW.
58. Holland, P. T., McFarlane, D. W., and McGhie, T. K (1982). Spray programs for pest and disease control in Tamarillos. *Proceedings of the New Zealand Weed and Pest Control Conference* 35th: 32-5.
Rejection Code: REVIEW.
59. Jinno, K., Muramatsu, T., Saito, Y., Kiso, Y., Magdic, S., and Pawliszyn, J. (1996). Analysis of Pesticides in Environmental Water Samples by Solid-Phase Micro-Extraction-High-Performance Liquid Chromatography. *Journal of chromatography a* 754: 137-144.
Rejection Code: METHODS.
60. Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).
Rejection Code: NO PUBL AS(BS).

61. Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.
; Habitat: T; Effect Codes: MOR
62. Junk, G. A. and Richard, J. J (1984). Pesticide disposal sites: sampling and analyses. *ACS Symposium Series* 259: 69-95.
Rejection Code: FATE.
63. Kamiya, M. and Kameyama, K. (1998). Photochemical Effects of Humic Substances on the Degradation of Organophosphorus Pesticides. *Chemosphere* 36: 2337-2344.
Rejection Code: FATE.
64. Kikuchi, M. (1993). Toxicity Evaluation of Selected Pesticides Used in Golf Links by Algal Growth Inhibition Test. *J.Jpn.Soc.Water Environ.* 16: 704-710 (JPN)(ENG ABS).
; Habitat: A; Effect Codes: POP
65. Kikuchi, M., Miyagaki, T., and Wakabayashi, M. (1996). Evaluation of Pesticides Used in Golf Links by Acute Toxicity Test on Rainbow Trout. *Bull.Jpn.Soc.Sci.Fish.(Nippon Suisan Gakkaishi)* 62: 414-419 (JPN) (ENG ABS).
; Habitat: A; Effect Codes: MOR
66. Kiso, Y., Li, H., Shigetoh, K., Kitao, T., and Jinno, K. (1996). Pesticide Analysis by High-Performance Liquid Chromatography Using the Direct Injection Method. *Journal of chromatography a* 733: 259-265.
Rejection Code: METHODS.
67. Lange, A. H. , Fischer, B., Humphrey, W., Seyman, W., and Baghott, K (1968). Herbicide residues in California agricultural soils. *California Agriculture* 22: 2-4 .
; Habitat: T
68. Lange, A. H. , Fischer, B., Humphrey, W., Seyman, W., and Baghott, K (1968). Herbicide residues in California agricultural soils. *California Agriculture* 22: 2-4.
Rejection Code: FATE.
69. Liu, W. and Lee, H. K. (1998). Quantitative Analysis of Pesticides by Capillary Column High Performance Liquid Chromatography Combined With Solid-Phase Extraction. *Talanta* 45: 631-639.
Rejection Code: METHODS.
70. Loveys, B. R (1984). Abscisic acid transport and metabolism in grapevine (*Vitis vinifera* L.). *New Phytologist* 98: 575-82.
Rejection Code: METABOLISM.
71. Luke, Milton A., Froberg, Jerry E., and Masumoto, Herbert T (1975). Extraction and cleanup of organochlorine, organophosphate, organonitrogen, and hydrocarbon pesticides in produce for determination by gas-liquid chromatography. *Journal - Association of Official Analytical Chemists* 58: 1020-6.
Rejection Code: METHODS.
72. Mansour, Kamal (1982). Chemical control of rust and leaf spots of field beans (*Vicia faba* L.). *Agricultural Research Review* 58: 49-56.

Rejection Code: REVIEW.

73. Marcus, M., Spigarelli, J., and Miller, H (1978). Organic compounds in organophosphorus pesticide manufacturing wastewaters. *Report*.
Rejection Code: FATE.
74. Martinez Diaz G, Lopez Carvajal a, and Contreras-R, L. G. (1998). Evaluation of Herbicides for Control of Annual Weeds in Asparagus *Asparagus Officinalis*. *95th annual international conference of the american society for horticultural science, charlotte, north carolina, july 12-15, 1998. Hortscience 33: 474*.
Rejection Code: ABSTRACT.
75. Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC 505 p.* (USGS Data File).
76. McLaughlan, W. T. and Litchfield, D (1982). Control of black currant leaf spot. *Proceedings of the New Zealand Weed and Pest Control Conference 35: 39-43*.
Rejection Code: REVIEW.
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Rejection Code: REVIEW.
78. Menges, R. M. and Heilman, M. D. (1986). WEED CONTROL IN SEEDED CABBAGE MUSTARD GREENS SPINACH AND IN TRANSPLANTED BROCCOLI GROWN UNDER CONSERVATION TILLAGE PRACTICES. *J Rio Grande Val Hortic Soc 39 : 83-90*.
Rejection Code: NO TOXICANT.
79. Miller, John Harold, Keeley, P. E., Thullen, R. J., and Carter, Charles Henry (1978). Persistence and movement of ten herbicides in soil. *Weed Science 26: 20-7*.
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80. Miller, John W. and Miller, H. N (1976). Leaf spot of black olive caused by *Cristulariella depraedans*. *Proceedings of the Florida State Horticultural Society 88: 571-3*.
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81. Minyard, J. P Jr and Roberts, W. E. (1991). State Findings on Pesticide Residues in Foods: 1988 and 1989. *J assoc off anal chem 74: 438-452*.
Rejection Code: NO TOX DATA.
82. Moriya, M., Ohta, T., Watanabe, K., Miyazawa, T., Kato, K., and Shirasu, Y (1983). Further mutagenicity studies on pesticides in bacterial reversion assay systems. *Mutation Research 116: 185-216*.
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