

CHLORTHAL-DIMETHYL
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

1. Brown, L. S. and Lean, D. R. S. (1995). Toxicity of Selected Pesticides to Lake Phytoplankton Measured Using Photosynthetic Inhibition Compared to Maximal Uptake Rates of Phosphate and Ammonium. *Environ.Toxicol.Chem.* 14: 93-98.

EcoReference No.: 13724

Chemical of Concern: 24DXY,ATZ,DBN,DU,PMT,SZ,TFN,PPZ,Captan,DCPA; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(24DXY,Captan,ATZ,SZ,PPZ,DU,DCPA).

2. Butler, P. A. (1965). Effects of Herbicides on Estuarine Fauna. *Proc.South.Weed Conf.* 18: 576-580.

EcoReference No.: 14134

Chemical of Concern:

DU,ATZ,AMTR,PMT,PRO,ACL,DCPA,PAQT,MLT,NTP,TBF,VNT,EPTC,PCL,PEB,DDT,24DXY BEE,24D,DMDP; Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: LITE EVAL CODED(DCPA,EPTC,24DXYBEE,PRO,ATZ,MLT,ACL,TBF,DU),NO ENDPOINT(24D,DMDP),OK(AMTR,PMT,PAQT,NTP,VNT,PCL,PEB,DDT).

3. Eufemia, N. A. and Epel, D. (2000). Induction of the Multixenobiotic Defense Mechanism (MXR), P-Glycoprotein, in the Mussel *Mytilus californianus* as a General Cellular Response to Environmental Stresses. *Aquat.Toxicol.* 49: 89-100.

EcoReference No.: 78331

Chemical of Concern: As,PCP,DDT,CTH,CdCl₂; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CTH),OK(As,CdCl₂,PCP,DDT).

4. Eufemia, N. A. and Epel, D. (1998). The Multixenobiotic Defense Mechanism in Mussels is Induced by Substrates and Non-Substrates: Implications for a General Stress Response. *Mar.Environ.Res.* 46: 401-405.

EcoReference No.: 61827

Chemical of Concern: CTH,PCB; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(CTH).

5. Goatley, J. M. Jr. and Schmidt, R. E. (1994). Crabgrass Control and Dollar Spot Suppression in Creeping Bentgrass with DSMA. *Hortscience* 29: 884-886 .

EcoReference No.: 102589

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

6. Hodges, C. F. (1981). Growth and Reproduction of *Drechslera sorokiniana* as Influenced by Preemergence Herbicides . *Mycologia* 73: 244-251.

EcoReference No.: 93991

Chemical of Concern: SID,DCPA,BS,BFL; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(BS,DCPA),OK(SID).

7. Hodges, C. F. (1982). Influence of Preemergence Herbicides on Pathogenesis by *Drechslera sorokiniana* on Sequentially Senescent Leaves of *Poa pratensis*. *Can.J.Bot.* 60: 186-190.

EcoReference No.: 93847
Chemical of Concern: SID,DCPA,BS,BFL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BS,DCPA),OK(SID).
8. Hodges, C. F. (1981). Preemergence Herbicides and the Severity of Leaf Spot Caused by *Drechslera sorokiniana* on *Poa pratensis*. *Phytopathology* 71: 720-722 .

EcoReference No.: 93845
Chemical of Concern: DCPA,SID,BFL,BS; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(BS,DCPA),OK(SID).
9. Kassaby, F. Y. (1985). Interaction of Four Herbicides with *Phytophthora cinnamomi*. *Aust.Plant Pathol.* 14: 21-22.

EcoReference No.: 70482
Chemical of Concern: PPZ,GYPI,DCPA,SZ; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: LITE EVAL CODED(PPZ,GYPI,DCPA).
10. Kassaby, F. Y. and Hepworth, G. (1987). *Phytophthora cinnamomi*: Effects of Herbicides on Radial Growth, Sporangial Production, Inoculum Potential and Root Disease in *Pinus radiata*. *Soil Biol.Biochem.* 19: 437-441.

EcoReference No.: 70028
Chemical of Concern: DCPA,GYPI,PPZ,SZ; Habitat: T; Effect Codes: POP,PHY,REP; Rejection Code: LITE EVAL CODED(PPZ,GYPI,DCPA).
11. Marks, G. C. and Becker, S. L. (1990). Influence of Propazine and Chlorthal Dimethyl on Mycorrhizal Development in *Pinus radiata* Seedlings. *Aust.J.Bot.* 38: 341-349.

EcoReference No.: 102588
Chemical of Concern: DCPA,PPZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DCPA,PPZ).
12. Marks, G. C. and Cerra, R. (1991). Effects of Propazine and Chlorthal Dimethyl on *Phytophthora cinnamomi* Root Disease of *Pinus radiata* Seedlings and Associated Soil Microflora. *Soil Biol.Biochem.* 23: 157-164.

EcoReference No.: 78697
Chemical of Concern: PPZ,DCPA; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(PPZ,DCPA).
13. Mekwatanakarn, P. and Sivasithamparam, K. (1987). Effect of Certain Herbicides on Growth and Pathogenicity of Take-All Fungus on Wheat (*Triticum aestivum* L.). *Biol.Fertil.Soils* 5: 31-35.

EcoReference No.: 97108
Chemical of Concern: CSF,DCPA,PAQT,GYPI,DMB,TFN,CTHM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI,DCPA),OK(CTHM).
14. Mekwatanakarn, P. and Sivasithamparam, K. (1987). Effect of Certain Herbicides on Soil Microbial Populations and Their Influence on Saprophytic Growth in Soil and Pathogenicity of Take-All Fungus. *Biol.Fertil.Soils* 5: 175-180.

EcoReference No.: 97109

Chemical of Concern: GYPI,DMB,TFN,DCPA; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI,DCPA).

15. Wyss, G. S., Charudattan, R., Roskopf, E. N., and Littell, R. C. (2004). Effects of Selected Pesticides and Adjuvants on Germination and Vegetative Growth of *Phomopsis amaranthicola*, a Biocontrol Agent for *Amaranthus* spp. *Weed Res.* 44: 469-482.

EcoReference No.: 96666

Chemical of Concern:

PEB,DCF,EPTC,OXF,PAQT,CLT,TFN,NPM,PDM,AMTR,PRM,NPP,MBZ,IZT,IPD,VCZ,BMY,DM T,MLN,CYR,LNR,DU,BS,GYPI,MTL,SXD,DCPA,IZP,SZ,ATZ,Maneb,MZB,CuOH,CTN,FSTL;

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

CODED(LNR,GYPI,OXF,EPTC,CLT,DU,DCPA,ATZ,DMT,MLN),OK(SZ,IZP,SXD,MTL,BS,CYR),TARGET(FSTL,CTN,CuOH,MZB,Maneb).

Acceptable for ECOTOX but not OPP

1. Agamalian, H., Humphrey, W. A., and Voth, V. (1967). Weed Control Studies in Strawberries. *Calif.Agric.* 21: 8-9.

EcoReference No.: 40710

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

2. Ahrens, J. F. (1974). Weed Control in Field-Grown Chrysanthemums. *Proc.Northeast.Weed Sci.Soc.* 28: 386-394.

EcoReference No.: 40639

Chemical of Concern: OYZ,DCPA; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT(OYZ,DCPA).

3. Baker, R. S. (1977). Preemergence Control of Spotted Spurge in Cotton. *Proc.South.Weed Sci.Soc.* 30: 97-100.

EcoReference No.: 41288

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

4. 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,QJS,DCPA; Habitat: T; Effect Codes: MOR,REP,POP,PHY; Rejection Code: NO ENDPOINT,CONTROL(SID,ATZ,DMB,SZ,DCPA),NO COC(CBL).

5. Bingham, S. W. (1968). Effect of DCPA on Anatomy and Cytology of Roots. *Weed Sci.* 16: 449-452.

EcoReference No.: 41608

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

6. 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,BSO,DCPA; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(SID,BS,DBN,BSO,DCPA).

7. Biswas, P. K. and Haynes, R. L. (1970). Herbicidal Effects on Water Uptake of Seeds of Selected Weed Species. *Physiol.Plant.* 23: 583-590.

EcoReference No.: 43961
Chemical of Concern: 24DXY,DU,DCPA; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(24DXY,DU,DCPA).
8. Boling, J. C. and HacsKaylo, J. (1966). Effect of the Systemic Insecticide UC 21149 and Four Pre-Emergence Herbicides on Cotton Seedlings. *J.Econ.Entomol.* 59: 1026-1027.

EcoReference No.: 40827
Chemical of Concern: DU,TFN,DCPA; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: NO ENDPOINT(DU,TFN,DCPA),NO COC(ADC).
9. Brathwaite, R. A. I. (1978). Effect of Herbicides on Weed Control, Yield and Quality of Eggplant (*Solanum melongena* L.) in Trinidad. *Weed Res.* 18: 243-246 .

EcoReference No.: 41763
Chemical of Concern: TFN,DCPA; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,CONTROL(DCPA).
10. Buchanan, G. A. and Howeland, L. S. (1971). Tolerance of Yuchi Arrowleaf Clover to Herbicides. *Weed Sci.* 19: 254-256.

EcoReference No.: 41860
Chemical of Concern: EPTC,DCPA; Habitat: T; Rejection Code: NO ENDPOINT,NO CONTROL(EPTC,DCPA).
11. Butler, P. A. (1964). Commercial Fishery Investigations. *In: Pesticide-Wildlife Studies, 1963, U.S.D.I., Fish and Wildl.Serv.,Circ.199* 28 p. (Author Communication Used).

EcoReference No.: 646
Chemical of Concern:
AZ,DS,HCCH,MLN,MP,Naled,PRT,24DXY,CMPH,DMT,DU,PEB,PSM,NTP,TXP,CBL,TBF,EPTC, TMP,TVPM,DCTP,DCPA; Habitat: A; Effect Codes: BEH,POP,MOR,GRO,ACC,SYS; Rejection Code: NO CONTROL(PSM,DS,MP,Naled,TMP,DU),LITE EVAL CODED(MLN,PRT),NO ENDPOINT(DMT),NO ENDPOINT,NO CONTROL(EPTC,24DXY,TBF,CMPH,TVPM,DCTP,DCPA).
12. Cantliffe, D. J. and Phatak, S. C. (1974). Effect of Herbicides on Weed Control and Nitrate Accumulation in Spinach. *Hortscience* 9: 470-472.

EcoReference No.: 41689
Chemical of Concern: DCPA; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CBL),NO ENDPOINT,CONTROL(DCPA).
13. Cassidy, J. C. (1972). Herbicide Evaluation in Brassica Crops--1968-72. *Proc.Br.Weed Control Conf.* 11: 958-964.

EcoReference No.: 40591
Chemical of Concern: DCPA; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL(DCPA).
14. 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,FNP,BSO,DCPA; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(FNP,BS,BSO,DCPA).
15. Coats, G. E., Ward, C. Y., and McWhirter, E. L. (1973). Effect of Benefin and DCPA on Overseeded Grasses Maintained as Putting Greens. *Weed Sci.* 21: 528-531.
- EcoReference No.: 43552
Chemical of Concern: BFL,DCPA; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL(DCPA).
16. Cole, A. W. and Coats, G. E. (1973). Tall Morningglory Germination Response to Herbicides and Temperature. *Weed Sci.* 21: 443-446.
- EcoReference No.: 41496
Chemical of Concern: ATZ,BMC,DU,SZ,MBZ,TRB,TFN,EPTC,NPM,DCPA,PZM; Habitat: T; Effect Codes: REP,GRO; Rejection Code: TARGET(ATZ,SZ),NO ENDPOINT,NO CONTROL(EPTC,PZM,BMC,DU,DCPA).
17. Cole, A. W. and Etheridge, V. L. (1975). Redroot Pigweed (*Amaranthus Retroflexus*) and Cucumber Response to Application Time of Herbicides. *Adv Front P* 30: 17-24.
- EcoReference No.: 41738
Chemical of Concern: DCPA; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL(DCPA).
18. 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: BFL,BS,BTL,DCPA,NPP,ODZ,SID,EFS; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(BFL,BS,BTL,DCPA,NPP,ODZ,SID,EFS).
19. Danielson, L. L. and May, C. (1969). Effects of Several Herbicides on Yews and Japanese Maples. *Weed Sci.* 17: 142-144.
- EcoReference No.: 43868
Chemical of Concern: SZ,DU,TFN,CPP,AMTL,DCPA; Habitat: T; Effect Codes: PHY,GRO,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(DU,SZ,DCPA) .
20. Ekundayo, E. O. (2003). Effect of Common Pesticides Used in the Niger Delta Basin of Southern Nigeria on Soil Microbial Populations. *Environ.Monit.Assess.* 89: 35-41.
- EcoReference No.: 72951
Chemical of Concern: PNB,PQT,HCCH,THM,Hg,BMY,DCPA; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(PNB,PQT,HCCH,THM,Hg,BMY,DCPA) .
21. Engel, R. E. and Bussey, C. W. (1971). The Effect of Three Experimental Herbicides on Control of Crabgrass and Turfgrass Species Balance. *Proc.Northeast.Weed Sci.Soc.* 26: 197-200.
- EcoReference No.: 41912
Chemical of Concern: SID,DCPA; Habitat: T; Rejection Code: NO ENDPOINT(SID),NO ENDPOINT,CONTROL(DCPA).
22. Engel, R. E. and Mcveigh, K. J. (1971). Crabgrass and Goosegrass Control with Several Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 25: 103-108 .
- EcoReference No.: 41877

- Chemical of Concern: DCPA; Habitat: T; Rejection Code: NO CONTROL,ENDPOINT(DCPA).
23. Giannopolitis, C. N. (1981). Amaranthus Weed Species in Greece: Dormancy, Germination and Response to Pre-emergence Herbicides. *Ann I P Ben* 13: 80-91.
- EcoReference No.: 41031
Chemical of Concern: ACR,LNR,MTL,PDM,PMT,DU,DCPA; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT,NO CONTROL(LNR,DU,DCPA).
24. Glaze, N. C. (1970). Evaluation of Several Herbicides in Turnip Green Plantings. *Proc.South.Weed Sci.Soc.* 23: 197-201.
- EcoReference No.: 41908
Chemical of Concern: PAQT,ACR,TFN,DCPA; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO MIXTURE(PAQT),NO ENDPOINT,CONTROL(DCPA).
25. Grande, J. A. (1976). Pre-Post Herbicide Combination Studies in Direct Seeded Onions. *Proc.Northeast.Weed Sci.Soc.* 30: 185-189.
- EcoReference No.: 41349
Chemical of Concern: DCPA; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL(DCPA).
26. Greenfield, A. J. (1989). Weed Control Under Plastic Crop Covers. *Br.Crop Prot.Conf.-Weeds* 735-743.
- EcoReference No.: 80391
Chemical of Concern: DZM,PMT,LNR,DCPA,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DZM,PMT,LNR,DCPA,PDM).
27. Grover, R. (1965). Effect of Several Herbicides on Germination, Survival and Early Growth of Caragana and on Weeds. *Can.J.Plant Sci.* 45: 477-486.
- EcoReference No.: 42310
Chemical of Concern: DBN,LNR,TFN,DU,DCPA; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,DU,DCPA).
28. Gutenmann, W. H. and Lisk, D. J. (1966). Metabolism of Daconil and Dacthal Pesticides in Lactating Cows. *J.Dairy Sci.* 49: 1272-1276.
- EcoReference No.: 81944
Chemical of Concern: DCPA; Habitat: T; Effect Codes: ACC; Rejection Code: NO TOX DATA(CTN),NO CONTROL(DCPA).
29. 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,BSO,DCPA; Habitat: A; Effect Codes: POP; Rejection Code: NO CONROL(BS),LITE EVAL CODED(ATZ,MLT),NO ENDPOINT,NO CONTROL(EPTC,GYP,BSO,DCPA).
30. Horowitz, M., Blumenfeld, T., Herzlinger, G., and Hulin, N. (1974). Effects of Repeated Applications of Ten Soil-Active Herbicides on Weed Population, Residue Accumulation and Nitrification. *Weed Res.* 14: 97-109.

EcoReference No.: 40823

Chemical of Concern: BMC,DU,SZ,PMT,TFN,DCPA,FMU,PYZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,PYZ),NO ENDPOINT,NO CONTROL(BMC,DU,DCPA).

31. Hughes, J. S. and Davis, J. T. (1964). Effects of Selected Herbicides on Bluegill Sunfish. *In: Proc.8th Annu.Conf., Southeast.Assoc.Game Fish Comm., Oct.18-21 &22, 1964, Clearwater, FL* 18: 480-482.

EcoReference No.: 880

Chemical of Concern: As,24DXY,MCPA,EDT,PCL,DCPA,FMU,DMDP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(As,24DXY,MCPA,EDT,PCL,DCPA,FMU,DMDP).

32. 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,BSO,DCPA; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(BS,BSO,DCPA).

33. Johnson, B. J. (1975). Effects of Herbicide Treatments on the Establishment of `Tifway' Bermudagrass. *Weed Sci.* 23: 462-464.

EcoReference No.: 43434

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

34. Johnson, B. J. (1976). Herbicides for Seasonal Weed Control in Turfgrasses. *Agron.J.* 68: 717-720.

EcoReference No.: 40787

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

35. 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,PZM,BSO,DCPA; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(PZM,BS,BSO,DCPA).

36. 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,BSO; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ),TARGET(DMB),NO ENDPOINT,NO CONTROL(GYP,BS,BSO,DCPA).

37. 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,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,Cu,CuFRA,DBN,DCB,DCNA,DCPA,DDD,DDT,DDVP,DEM,DINO,DLD,DMB,DMT,DOD,DPP1,DQTB_r,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MCPP1MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,

PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TMP,TRB,TRL,TXP,VNT,Zi
neb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL
AS(24DXY,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPY,CPY,
CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTB_r,DU,DZM,EP,EPTC,ES,FMU,FNF,
FNT,Folpet,HCCH,HPT,LNR,MCB.

38. Kapusta, G. and Rouwenhorst, D. L. (1973). Interaction of Selected Pesticides and Rhizobium japonicum in Pure Culture and Under Field Conditions. *Agron.J.* 65: 112-115.

EcoReference No.: 50827

Chemical of Concern:

MXC,MLN,HCCH,DS,DLD,DZ,CBL,AZ,AND,ATZ,ACR,DCPA,DMB,LNR,NPM,PCH,TFN,VNT;

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

CODED(DS),OK(CBL),NO

ENDPOINT(MXC,MLN,HCCH,DLD,DZ,AZ,AND,ATZ,ACR,DCPA,DMB,LNR,NPM,PCH,TFN,V
NT).

39. Kozlowski, T. T. and Torrie, J. H. (1965). Effect of Soil Incorporation of Herbicides on Seed Germination and Growth of Pine Seedlings. *Soil Sci.* 100: 139-146.

EcoReference No.: 41006

Chemical of Concern: SZ,EPTC,DCPA,PPZ,ATZ,PMT; Habitat: T; Effect Codes: REP,POP,GRO;

Rejection Code: LITE EVAL CODED(PPZ),TARGET(ATZ,SZ),NO ENDPOINT,NO

CONTROL(EPTC,DCPA).

40. 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,DCPA,DMB,LNR,PQT,TRB,TFN,PYZ,NaN

3,PRO,EPTC,BSO; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL

CODED(LNR,BMC,PRO,ATZ,SZ,PYZ,NaN₃),NO ENDPOINT(BMC,BS,SZ,DMB,BSO),NO

ENDPOINT,NO CONTROL(EPTC,24DXY,DCPA).

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

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQT

C,CPY,CuS,DBN,DCPA,DCTP,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,F

olpet,PYN,CYT,DMM,EFM,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MT

PN,DCB,MTAS,OXD,PEPPG,TBF,CPYM,FLU,PPG,EPTC,TBO,PFF,TMP,TVPM,BSO,ZnS;

Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL

CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,C

uS, DOD,NaN₃,DMB,RSM,CaPS,MCPB,

NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO

CONTROL(PMR,EPTC,PPG,GYP,LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,

Naled,BS,OXD,Captan,MLN,HXZ,TBF,TBO,CMPH,PFF,TMP,TVPM,BSO,DCTP,DU,ZnS,DCPA).

42. Meissner, R. (1977). Herbicidal Weed Control in Sweet Potatoes. *Agroplanta* 9: 31.

EcoReference No.: 94454

Chemical of Concern: DCPA,BS,DBN,LNR,NPM,TFN; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-DCPA,BS,LNR),NO COC(QOC,TFR).

43. Monaco, T. J. and Weber, J. B. (1973). Alachlor-A Herbicide for Selected Vegetable Crops. *Proc.South Weed Sci.Soc.* 26: 205-214.

EcoReference No.: 40650

Chemical of Concern: ACR,DCPA; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT,CONTROL(DCPA).

44. Neel, P. L. (1973). Weed Control in Containers with Herbicide-Impregnated Mulch Materials. *P.Fla.Hor.S.* 85: 409-413.

EcoReference No.: 25028

Chemical of Concern: DCPA,SZ,TFN,ACR; Habitat: T; Effect Codes: GRO,PHY,POP,REP; Rejection Code: NO ENDPOINT(DCPA,SZ,TFN,ACR).

45. Nishimoto, R. K. and Warren, G. F. (1971). Stem Abnormality Induced by DCPA. *Weed Sci.* 19: 343-346.

EcoReference No.: 41614

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

46. Nishiuchi, Y. (1972). Toxicity of Pesticides to Some Water Organisms. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 12: 122-128 (JPN) (ENG TRANSL).

EcoReference No.: 10258

Chemical of Concern:

3CE,AC,AMTL,AMTR,AND,As,ATZ,BMC,BS,Captan,CBL,CPA,CPY,CTN,Cu,DBN,DCPA,DDT,DDVP,DLD,DMB,DMT,DPA,DSMA,DU,DZ,EDB,EDC,EN,EPTC,ES,ETN,Fe,FLAC,FML,FNT,FN TH,HCCH,Hg,HPT,LNR,MCA,MCPB,MCPPI,MDT,MLN,MOM,MP,MTAS,NALED,Ni,NTCN,OP HP,Pb,PCB,PCP,PCZ,PEB,PHMD,PHSL,PHTH,PMT,PNB,PPX,PPZ,PRN,PSM,PYN,SFL,SID,STR EP,SZ,TBC,TFN,THM,TPE,TPH,TPM,TRN,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

47. Nishiuchi, Y. and Hashimoto, Y. (1967). Toxicity of Pesticide Ingredients to Some Fresh Water Organisms. *Sci.Pest Control (Botyu-Kagaku)* 32: 5-11 (JPN) (ENG ABS) (Author Communication Used).

EcoReference No.: 15192

Chemical of Concern:

ATZ,Captan,CBL,CTN,DBN,DCPA,DMB,DMT,DU,DZ,HCCH,LNR,MLN,MP,PMT,PSM,SZ,24DX Y,MCPB,NaPCP,PPZ,Ziram,PRN,ETN,DDT,DLD,MCPA; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(Ziram,LNR,PSM,MLN,Captan,CTN,MP,DZ,DU,DCPA).

48. Ogawa, M. and Kitamura, H. (1988). Biological Assay of Plant Growth-Regulating Compounds Using Lemnaceae Plants. *Annu.Rep.Sankyo Res.Lab.(Sankyo Kenkyusho Nempo)* 40: 91-99 (JPN)(ENG ABS).

EcoReference No.: 3228

Chemical of Concern: BTC,EPTC,PAQT,DCPA,GYP,LNR,NPM,24DXY,AMTL,PCP,MCPPI,DU; Habitat: A; Effect Codes: GRO; Rejection Code: NO COC(CBL),NO ENDPOINT,NO CONTROL(BTC,EPTC,PAQT,DCPA,GYP,LNR,NPM,24DXY,AMTL,PCP,MCPPI,DU).

49. Ogle, W. L. (1966). An Evaluation of Herbicides for Southern Peas and Snap Beans. *P Am S Hort* 90: 290-295.

EcoReference No.: 43561

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

50. Ozawa, K. (1985). (C-I) Herbicides: Rice. *Jpn.Pestic.Inf.* 47: 26-27.
- EcoReference No.: 82423
Chemical of Concern: MLT,BTC,PAQT,TRB,DU,DCPA; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DU),NO ABSTRACT,NO CONTROL,NO ENDPOINT(ALL CHEMS).
51. Palmer, J. S. (1972). Toxicity of 45 Organic Herbicides to Cattle, Sheep and Chickens. *Prod.Res.Rep.No.137, Agricultural Research Serv., U.S.Dep.of Agriculture, Washington, D.C.*
- EcoReference No.: 80557
Chemical of Concern:
24DXYEE,MCPB,MCPA,PEB,VNT,EPTC,MSMA,CCA,TFN,PAQT,DQTBr,NPM,PYZ,DCPA,AM TL,DMDP,24D; Habitat: T; Effect Codes: GRO,MOR,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).
52. Paradi, E. and Lovenyak, M. (1981). Studies on Genetical Effect of Pesticides in *Drosophila melanogaster*. *Acta Biol.Sci.Hung.* 32: 119-121.
- EcoReference No.: 72254
Chemical of Concern: PNB,BMY,DCPA; Habitat: T; Effect Codes: MOR; Rejection Code: OK(BMY,PNB),NO ENDPOINT(DCPA).
53. Pennucci, A. and Jagschitz, J. A. (1984). Preemergent Herbicides for Crabgrass and Spurge Control in Lawn Turf. *Proc.Northeast.Weed Sci.Soc.* 38: 265-270 .
- EcoReference No.: 44111
Chemical of Concern: NPP,EFS,FO,BS,SID,PBZ,FNP,BSO,DCPA; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(FNP,PBZ,SID,BS,FO,EFS,NPP,BSO,DCPA).
54. 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,NO CONTROL(ALL CHEMS).
55. 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,EPTC,BSO,DCPA; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(EPTC,BS,BSO,SZ,DCPA).
56. Robinson, D. G. and Herzog, W. (1977). Structure, Synthesis and Orientation of Microfibrils. III. A Survey of the Action of Microtubule Inhibitors on Microtubules and Microfibril Orientation in *Oocystis solitaria*. *Cytobiologie* 15: 463-474.
- EcoReference No.: 92137
Chemical of Concern: PZM,DCPA,OYZ,TFN; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(PZM,DCPA,OYZ,TFN).
57. Rovesti, L. and Deseo, K. V. (1990). Compatibility of Chemical Pesticides with the Entomopathogenic Nematodes, *Steinernema carpocapsae* Weiser and *S.feltiae* Filipjev (Nematoda: Steinernematidae). *Nematologica* 36: 237-245.
- EcoReference No.: 70083

Chemical of Concern:

FMP,PPG,AMZ,AND,MOM,PRT,MTAS,DZ,PRN,PPHD,ES,PAQT,ACR,DOD,CYX,TFN,OXF,PH MD,LNR,PNB,PZM,FSF,FRM,GYP,DCPA; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO COC(CTN),NO ENDPOINT(ALL CHEMS),TARGET(MTAS,PRT).

58. Schauer, R. L. (1972). Postemergence Control of Creeping Speedwell with Chlorthal-methyl. *Proc.Br.Weed Control Conf.* 11: 1112-1116.

EcoReference No.: 41369

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

59. Selleck, G. W., Greider, R. S., and Creighton, J. F. (1979). Herbicides for Dodder Control in Potatoes. *Proc.Northeast.Weed Sci.Soc.* 33: 191-195.

EcoReference No.: 41398

Chemical of Concern: DMM,ACR,MBZ,DCPA; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT,CONTROL(DCPA).

60. Selleck, G. W. and Sanok, W. J. (1976). Herbicide Trial for Direct Seeded Fall Cabbage on Long Island. *Proc.Northeast.Weed Sci.Soc.* 30: 197-199.

EcoReference No.: 40660

Chemical of Concern: ACR,DCPA; Habitat: T; Effect Codes: GRO,PHY,MOR,REP; Rejection Code: NO ENDPOINT,CONTROL(DCPA).

61. Simms, J. W., Collier, C. W. Jr., and Schubert, O. E. (1972). Chemical Weed Control in Liriope (Liliaceae). *Proc.W.Va.Acad.Sci.* 44: 78-84.

EcoReference No.: 40614

Chemical of Concern: VNT,PCH,SZ,AMTL,CPP,DCPA,DBN,TRB,TFN,FS,CNR,PEB,LNR,DU; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(SZ),NO ENDPOINT,NO CONTROL(LNR,DU,DCPA).

62. Smart, G. C. Jr. and Locascio, S. J. (1968). Influence of Nematicides and Polyethylene Mulch Color on the Control of Nematodes on Strawberry. *Proc.Soil Crop Sci.Soc.Fla.* 28: 292-299.

EcoReference No.: 89484

Chemical of Concern: MB,DCPA,CLP,DDMITC,13DPE; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO COC(CLPM),NO MIXTURE(MB,DCPA,CLP),EFFICACY(DDMITC,13DPE).

63. Smith, D. and Buchholtz, K. P. (1964). Modification of Plant Transpiration Rate with Chemicals. *Plant Physiol.* 39: 572-578.

EcoReference No.: 42221

Chemical of Concern: ATZ,SZ,24DXY,LNR,TFN,PPZ,AMTR,AMTL,DU,EPTC,DCPA; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ,SZ,TFN,PPZ,AMTR,AMTL),NO ENDPOINT,NO CONTROL(EPTC,LNR,24DXY,DU,DCPA).

64. Stevens, C., Khan, V. A., Okoronkwo, T., Tang, A. Y., Wilson, M. A., Lu, J., and Brown, J. E. (1990). Soil Solarization and Dacthal: Influence on Weeds, Growth, and Root Microflora of Collards. *Hortscience* 25: 1260-1262.

EcoReference No.: 102584

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

65. 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: NO ENDPOINT(BS,BTL,DCPA,ODZ,SID).
66. Tripathi, G., Bhargava, P., and Sharma, B. M. (2004). Effect of Fenvalerate on Golgi Complex and Mitochondria of Intestine and Liver of a Teleost. *Biochem.Cell.Arch.* 4: 111-116.
- EcoReference No.: 102587
Chemical of Concern: FNV; Habitat: A; Effect Codes: CEL; Rejection Code: NO COC(DCPA),NO ENDPOINT(FNV).
67. Tutundjian, R. and Minier, C. (2007). Effect of Temperature on the Expression of P-Glycoprotein in the Zebra Mussel, *Dreissena polymorpha*. *J.Therm.Biol.* 32: 171-177.
- EcoReference No.: 102173
Chemical of Concern: DCPA; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DCPA).
68. Vance, B. D. and Smith, D. L. (1969). Effects of Five Herbicides on Three Green Algae. *Tex.J.Sci.* 20: 329-337.
- EcoReference No.: 2781
Chemical of Concern: SZ,24DXY,DCPA; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(SZ),NO ENDPOINT,NO CONTROL(24DXY,DCPA).
69. Vaughn, K. C., Marks, M. D., and Weeks, D. P. (1987). A Dinitroaniline-Resistant Mutant of *Eleusine indica* Exhibits Cross-Resistance and Supersensitivity to Antimicrotubule Herbicides and Drugs. *Plant Physiol* 83: 956-964.
- EcoReference No.: 97922
Chemical of Concern: BFL,TFN,DCPA,CPP,OYZ; Habitat: T; Effect Codes: CEL,MOR,GRO; Rejection Code: NO CONTROL,NO ENDPOINT(BFL,TFN,DCPA,CPP,OYZ).
70. Voronkin, A. S. and Loshakov, Y. T. (1973). Toxic Effect of Pesticides on *Tubifex tubifex*. *Exp.Water Toxicol.(Eksp.Vodn.Toksikol.)* 5: 169-178 (RUS) (ENG ABS) .
- EcoReference No.: 9015
Chemical of Concern: DMT,Zn,MP,EPTC,DCPA; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(DMT,Zn,MP,EPTC,DCPA).
71. Watschke, T. L., Wehner, D. J., and Duich, J. M. (1976). Pre- and Postemergence Crabgrass Control in Turf. *Proc.Northeast.Weed Sci.Soc.* 30: 358-366.
- EcoReference No.: 40625
Chemical of Concern: GYP,NPP,DCPA; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,DCPA).
72. 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,BSO,DCPA; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,SID,BS,BSO,DCPA) .

73. Welker, W. V. Jr. and Cialone, J. C. (1972). An Evaluation of Herbicides for the Control of Weeds in Field-Grown Chrysanthemums. *Proc.Northeast.Weed Sci.Soc.* 26: 51-54.

EcoReference No.: 40610; Habitat: T; Effect Codes: MOR,PHY,POP,GRO; Rejection Code: NO CONTROL,NO ENDPOINT(SZ,NPP,ACR,TFN,EPTC,CPP,PZM,DCPA).

74. Wiltout, T. R. and Holt, H. A. (1975). Prospects of Controlling Vegetation in New Forest Plantations. *Proc.Northeast.Weed Control Conf.* 30: 31-36.

EcoReference No.: 40862

Chemical of Concern: SZ,HXZ,NPP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ,SZ,DCPA).

CHLORTHAL-DIMETHYL
Papers that Were Excluded from ECOTOX

EXCLUDED

1. RED Facts: DCPA. *Govt Reports Announcements & Index* (GRA&I), Issue 08, 2009.
Rejection Code: REVIEW.
2. Reregistration Eligibility Decision (RED): DCPA. (Includes RED Facts: DCPA Fact Sheet). *Govt Reports Announcements & Index* (GRA&I), Issue 07, 2009.
Rejection Code: HUMAN HEALTH, REVIEW.
3. ADIGUN, J. A. , LAGOKE, S. TO, and KARIKARI, S. K. (Chemical weed control in irrigated sweet pepper (*Capsicum annum* L.). *TROP PEST MANAGE*; 37 (2). 1991. 155-158..
Rejection Code: MIXTURE.
4. AGRAZ-MERINO, A. and PIKE, L. M. (1929-1989). THE EFFECT OF AMMONIUM SULFATE AS A HERBICIDE ON ONIONS. *86TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, TULSA, OKLAHOMA, USA, 0 (SUPPL.)*. 1989. 85..
Rejection Code: ABSTRACT.
5. AHMED, F. E., HATTIS, D., WOLKE, R. E., and STEINMAN, D. (Risk assessment and management of chemical contaminants in fishery products consumed in the USA. *JOURNAL OF APPLIED TOXICOLOGY*; 13 (6). 1993. 395-410..
Rejection Code: HUMAN HEALTH.
6. ALI, H., SUMMERELL, B., and BERGESS, L. W. (An evaluation of three media for the isolation of *Fusarium*, *Alternaria* and other fungi from sorghum grain. *AUSTRALAS PLANT PATHOL*; 20 (4). 1991. 134-138..
Rejection Code: METHODS.
7. Anderson, J. L. and Thomson, W. W. (1973). The Effects of Herbicides on the Ultrastructure of Plant Cells. *Residue Rev.* 47: 167-189.
Rejection Code: REVIEW.
8. Anderson, J. L. and Thomson, W. W. (1973). The Effects of Herbicides on the Ultrastructure of Plant Cells. *Residue Rev.* 47: 167-189.

Rejection Code: REVIEW.

9. Andrews, S. and Pitt, J. I. (1986). Selective medium for isolation of Fusarium species and dematiaceous hyphomycetes from cereals. *Appl Environ Microbiol.* 51: 1235-8. [Applied and environmental microbiology].
Rejection Code: CHEM METHODS, MIXTURE.
10. Anon. (1991). Dacthal. *DANG. PROPERT. IND. MATER. Vol. 11, no. 4, pp. 344-350. 1991.*
Rejection Code: REVIEW.
11. ANON ((VIENNA)). OFFICIAL PLANT PROTECTION AGENT LIST WITH A PLANT PROTECTION DEVICE LIST OF THE FEDERAL INSTITUTE FOR PLANT PROTECTION VIENNA AUSTRIA STATUS AS OF OCTOBER 31 1990. *PFLANZENSCHUTZ 0 (SPECIAL ISSUE 1). 1991. 1-78.*
Rejection Code: REVIEW.
12. Antonious, G. F. (1999). Efficiency of Grass Buffer Strips and Cropping System on Off-Site **Dacthal Movement**. *Bulletin of Environmental Contamination and Toxicology [Bull. Environ. Contam. Toxicol.]. Vol. 63, no. 1, pp. 0025-0032. Jul 1999.*
Rejection Code: FATE.
13. ARCHIBALD, S. O. and WINTER, C. K. ((ED.)). CHEMICALS IN THE HUMAN FOOD CHAIN. XV+276P. VAN NOSTRAND REINHOLD: FLORENCE, KENTUCKY, USA). PESTICIDES IN OUR FOOD ASSESSING THE RISKS. WINTER, C. K., J. N. SEIBER AND C. F. NUCKTON LONDON, ENGLAND, UK. ILLUS. MAPS. ISBN 0-442-00421-4.; 0 (0). 1990. 1-50..
Rejection Code: HUMAN HEALTH.
14. Arnstein, P. (1967). Observations on Chemotherapy and Immunization of Birds Against Psittacosis. *Am.J.Ophthalmol.* 63: 1260-1263.
Rejection Code: NO TOX DATA.
15. ASHTON, F. M. and MONACO, T. J. (471). WEED SCIENCE PRINCIPLES AND PRACTICES THIRD EDITION. ASHTON, F. M. AND T. J. MONACO. WEED SCIENCE: PRINCIPLES AND PRACTICES, THIRD EDITION. IX+466P. JOHN WILEY AND SONS, INC.: NEW YORK, NEW YORK, USA; CHICHESTER, ENGLAND, UK. ILLUS. ISBN 0 (0). 1991. IX+466P..
Rejection Code: REVIEW.
16. Aulagnier, Fabien, Poissant, Laurier, Brunet, Didier, Beauvais, Conrad, Pilote, Martin, Deblois, Christian, and Dassylva, Nathalie (2008). Pesticides measured in air and precipitation in the Yamaska Basin (Qu0bec): Occurrence and concentrations in 2004. *Science of The Total Environment* 394: 338-348.
Rejection Code: FATE.
17. Bailey, Robert E. (2001). Global hexachlorobenzene emissions. *Chemosphere* 43: 167-182.
Rejection Code: REVIEW, FATE.
18. Barbash, J. E. (2003). The Geochemistry of Pesticides. 1-43.
Rejection Code: REVIEW, NO TOX DATA.
19. Bard, Shannon Mala (2000). Multixenobiotic resistance as a cellular defense mechanism in aquatic organisms. *Aquatic Toxicology* 48: 357-389.
Rejection Code: REVIEW.
20. BARR, D. B., BARR, J. R., DRISKELL, W. J., HILL, R. H JR, ASHLEY, D. L., NEEDHAM, L. L., HEAD, S. L., and SAMPSON, E. J. (Strategies for biological monitoring of exposure for contemporary-use pesticides. *TOXICOLOGY AND INDUSTRIAL HEALTH*; 15 (1-2). 1999. 168-179..
Rejection Code: HUMAN HEALTH.

21. Barr, Dana B. and Needham, Larry L. (2002). Analytical methods for biological monitoring of exposure to pesticides: a review. *Journal of Chromatography B* 778: 5-29.
Rejection Code: REVIEW, CHEM METHODS.
22. BARRETT, M. R. (630). THE ENVIRONMENTAL IMPACT OF PESTICIDE DEGRADATES IN GROUNDWATER. MEYER, M. T. AND E. M. THURMAN 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 (0). 1996. 200-225..
Rejection Code: REVIEW.
23. Baskin, Carol C. and Baskin, Jerry M. (1998). Germination Ecology of Plants with Specialized Life Cycles and/or Habitats. 459-557.
Rejection Code: NO TOX DATA.
24. BEACH, E. D. , FERNANDEZ-CORNEJO, J., HUANG, W. Y., and URI, N. D. (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 (6). 1995. 1295-1325..
Rejection Code: REVIEW, HUMAN HEALTH.
25. BEAVIS, C., SIMPSON, P., SYME, J., and RYAN, C. (7242). QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES INFORMATION SERIES QI91006. INFOPEST CHEMICALS FOR THE PROTECTION OF FIELD CROPS FORAGE CROPS AND PASTURES 2ND EDITION. BEAVIS, C., P. SIMPSON, J. SYME AND C. RYAN. QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES INFORMATION SERIES, QI91006. INFOPEST: CHEMICALS FOR THE PROTECTION OF FIELD CROPS, FORAGE CROPS AND PASTURES, 0 (0). 1991. VI+312P..
Rejection Code: REVIEW.
26. BEHL, E. and EIDEN, C. A. (465). FIELD-SCALE MONITORING STUDIES TO EVALUATE MOBILITY OF PESTICIDES IN SOILS AND GROUNDWATER. NASH, R. G. AND A. R. LESLIE 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 (0). 1991. 27-46..
Rejection Code: FATE.
27. BELL, C. E. (1997). THE VALUE OF OLDER HERBICIDES FOR VEGETABLE CROPS IN CALIFORNIA. *BRITISH CROP PROTECTION COUNCIL. THE INTERNATIONAL CONFERENCE*, BRIGHTON, ENGLAND, UK, NOVEMBER 17-20, 1997. XXIV+442P.: FARNHAM, ENGLAND, UK. ISBN 1-901396-45-2(SET); ISBN 1-901396-46-0(VOL. 1); ISBN 1-901396-47-9(VOL. 2); ISBN 1-901396-48-7(VOL. 3).; 0 (0). 1997. 131-135.
Rejection Code: REVIEW.
28. BELLINDER, R. R. and WARHOLIC, D. T. (1987). EVALUATION OF SELECTED HERBICIDES FOR PHYTOTOXICITY IN PAK CHOI TAT SOI AND EARLYTOP-NAPA CHINESE CABBAGE. *84TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE AND THE 22 (5 SECT. 2)*. 1987. 1119..
Rejection Code: ABSTRACT.
29. Benfenati, E., Gini, G., Piclin, N., Roncaglioni, A., and Var ∞ , M. R. (2003). Predicting logP of pesticides using different software. *Chemosphere* 53: 1155-1164.
Rejection Code: MODELING.
30. Benfenati, Emilio and Benfenati, Emilio (2007). Toxicity values for five ECOTOX data sets for pesticide. 323-

461.

Rejection Code: QSAR.

31. BERRY, M. R. , JOHNSON, L. S., JONES, J. W., RADER, J. I., KENDALL, D. C., and SHELDON, L. S. (Dietary characterizations in a study of human exposures in the Lower Rio Grande Valley: I. Foods and beverages. *ENVIRONMENT INTERNATIONAL*; 23 (5). 1997. 675-692..
Rejection Code: HUMAN HEALTH.
32. BEYER, W. N. (EVALUATING SOIL CONTAMINATION. *U S FISH WILDL SERV BIOL REP*; 90 (2). 1990. I-VIII, 1-25..
Rejection Code: REVIEW.
33. BISSOLI, NAZARE S., CICILINI, MARIA A., VASQUEZ, ELISARDO C., and CABRAL, ANTONIO M. (2000). THE DIURETIC **CHLORTHALIDONE** NORMALIZES BARORECEPTOR AND BEZOLD-JARISCH REFLEXES IN DOCA-SALT HYPERTENSIVE RATS. *Pharmacological Research* 41: 483-491.
Rejection Code: HUMAN HEALTH.
34. BOTTONI, P. and FUNARI, E. (1991). CRITERIA FOR EVALUATING THE IMPACT OF PESTICIDES ON GROUNDWATER QUALITY. *FOURTH INTERNATIONAL WORKSHOP ON CHEMICAL, BIOLOGICAL AND ECOTOXICOLOGICAL BEHAVIOUR OF PESTICIDES IN THE SOIL ENVIRONMENT, ROME, ITALY*, 123-124 (0). 1992. 581-590..
Rejection Code: FATE.
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386. Zhong, W. H., Sun, M., He, G. Q., Feng, X. S., and Yu, Z. N. (2004). [Isolation of 2,4-dichlorophenol degrading bacterium strain and cloning and expression of its 2,4-dichlorophenol hydroxylase gene]. *Sheng Wu Gong Cheng Xue Bao.* 20: 209-14. [Sheng wu gong cheng xue bao = Chinese journal of biotechnology].
Rejection Code: NON-ENGLISH, BACTERIA.
387. ZHUKAVA, P. S., KHARYTONAVA, A. P., and SIL'VANOVICH, S. F. (HERBICIDE CONTENT IN ONION PLANTS AND TOP SOIL AS A FUNCTION OF MINERAL NUTRITION. *VYESTSI*

AKAD NAVUK BSSR SYER SYEL'SKAHASPAD NAVUK; 0 (2). 1986. 80-85..

Rejection Code: NON-ENGLISH.

388. Zimmerman, L. R., Thurman, E. M., and Bastian, K. C. (2000). Detection of persistent organic pollutants in the Mississippi Delta using semipermeable membrane devices. *Sci Total Environ.* 248: 169-79. [The Science of the total environment].
Rejection Code: FATE.
389. Zweig, G. and Sherma, J. (Dacthal. *IN: Analytical methods for pesticides and plant growth regulators. Vol. VI, Gas chromatographic analysis. G. Zweig and J. Sherma, Eds., Academic Press, New York, 1972, p. 616-620.*(1 reference).
Rejection Code: CHEM METHODS.
390. Zweig, G. and Sherma, J. (Vegadex. *IN: Analytical methods for pesticides and plant growth regulators. Vol. VI, Gas chromatographic analysis. G. Zweig and J. Sherma, Eds., Academic Press, New York, 1972, p. 704-707.*(1 reference).
Rejection Code: CHEM METHODS.

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

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

- The paper does not report toxicology information for a chemical of concern to OPP; (Rejection Code: NO COC)
- The article is not published in English language; (Rejection Code: NO FOREIGN)
- The study is not presented as a full article. Abstracts will not be considered; (Rejection Code: NO ABSTRACT)
- The paper is not publicly available document; (Rejection Code: NO NOT PUBLIC (typically not used, as any paper acquired from the ECOTOX holding or through the literature search is considered public)
- The paper is not the primary source of the data; (Rejection Code: NO REVIEW)
- The paper does not report that treatment(s) were compared to an acceptable control; (Rejection Code: NO CONTROL)
- The paper does not report an explicit duration of exposure; (Rejection Code: NO DURATION)
- The paper does not report a concurrent environmental chemical concentration/dose or application rate; (Rejection Code: NO CONC)
- The paper does not report the location of the study (e.g., laboratory vs. field); (Rejection Code: NO LOCATION)

- The paper does not report a biological effect on live, whole organisms; (Rejection Code: NO IN-VITRO)
- The paper does not report the species that was tested; and this species can be verified in a reliable source; (Rejection Code: NO SPECIES)
- The paper does not report effects associated with exposure to a single chemical. (Rejection Code: NO MIXTURE). It should be noted that all papers including data on pesticide mixtures are considered.

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

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