

Appendix H: Bibliography of ECOTOX Open Literature Not Evaluated for Oryzalin

Papers that Passed Screen for ECOTOX and OPP

1. Ahrens, J. F. (1985). Evaluation of Sulfometuron Methyl for Weed Control in Christmas Tree Plantings. *Proc.Northeast.Weed Sci.Soc.* 39: 249-253.

EcoReference No.: 31608
Chemical of Concern: SMM,SZ,ATZ,OYZ; Habitat: T; Effect Codes: GRO,MOR,PHY; Rejection Code: OK TARGET(SMM,SZ,ATZ,OYZ).
2. Ahrens, J. F. (1979). Herbicides for Ground Cover Plantings. *Proc.Northeast.Weed Sci.Soc.* 33: 256-261.

EcoReference No.: 25886
Chemical of Concern: OYZ,SZ,NPP; Habitat: T; Effect Codes: POP,PHY,MOR; Rejection Code: OK(NPP),TARGET(SZ,OYZ).
3. 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, DC*: 9 p.

EcoReference No.: 895
Chemical of Concern:
ANZ,BMY,BRA,BSN881,BTN,Captan,Cu,CuOS,CuOX,CuS,DBAC,DIIS,DLN,DPHP,DQTB,r,FML,
Folpet,ILL,KDDC,KI,KPM,MEM,MLX,MZB,NaPTN,OPHP,OTQ,OYZ,PPMH,PPR,PXDZN,SBAK,
TBA,TCMTB,TDF,TDM,TFM,TFR,THM,TPTH,Zineb; Habitat: A; Effect Codes: POP,PHY;
Rejection Code: LITE EVAL CODED(OYZ).
4. Bovey, R. W. and Voigt, P. W. (1983). Tolerance of Weeping Lovegrass Cultivars to Herbicides. *Crop Sci.* 23: 364-368.

EcoReference No.: 25364
Chemical of Concern:
TFN,SID,ACF,ACR,ASM,ATZ,BMN,BTY,CZE,DFP,DEE,DU,EFS,MTC,OYZ,MBZ,ODZ,PDM,PC
H,PYZ,PPZ; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: OK
TARGET(SID,ATZ),OK(ALL CHEMS),TARGET(OYZ).
5. Calkins, J. B., Swanson, B. T., and Newman, D. L. (1996). Weed Control Strategies for Field Grown Herbaceous Perennials. *J.EnvIRON.Hortic.* 14: 221-227.

EcoReference No.: 73736
Chemical of Concern: MTL,ODZ,OXF,PDM,OYZ,FZF,SXD; Habitat: T; Effect Codes: POP,MOR;
Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(SXD,OYZ).
6. Catanzaro, C. J., Skroch, W. A., and Henry, P. H. (1993). Rooting Performance of Hardwood Stem Cuttings from Herbicide-Treated Nursery Stock Plants. *J.EnvIRON.Hortic.* 11: 128-130.

EcoReference No.: 73737
Chemical of Concern: MTL,NPP,PQT,PDM,OYZ,TFN,OXF,ODZ; Habitat: T; Effect Codes: GRO;
Rejection Code: OK,TARGET(MTL),TARGET(OYZ) .
7. Caviness, D. M., Talbert, R. E., and Klingaman, G. L. (1988). Chemigation and Spray Application of Herbicides on Container-Grown Ornamentals. *Weed Technol.* 2: 418-422.

EcoReference No.: 73995
Chemical of Concern: MTL,OYZ,NPP,ODZ,OXF; Habitat: T; Effect Codes: GRO,POP; Rejection

Code: OK,TARGET(MTL),TARGET(OYZ).

8. Creager, R. A. (1979). Evaluation of Herbicides on Six Species of Container-Grown Woody Ornamentals. *Proc.Northeast.Weed.Sci.Soc.* 33: 238-239.

EcoReference No.: 25885

Chemical of Concern: NPP,ACR,ODZ,OYZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(OYZ).

9. DeFrank, J. and Easton-Smith, V. A. (1990). Evaluation of Pre-emergence Herbicides on Four Proteaceous Species. *Trop.Agric.* 67: 360-362.

EcoReference No.: 70279

Chemical of Concern: OXF,OYZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO COC(SZ),TARGET(OYZ).

10. Derr, J. F. and Appleton, B. L. (1989). Weed Control with Landscape Fabrics. *J.EnvIRON.Hortic.* 7: 129-133.

EcoReference No.: 73253

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

11. Diawara, M. M. and Banks, P. A. (1990). Weed Control in Barley (*Hordeum vulgare*): No-Till Grain Sorghum (*Sorghum bicolor*) Production. *Weed Sci.* 38: 50-53.

EcoReference No.: 73760

Chemical of Concern: MTL,PPZ,DMB,24DXY,MBZ,OYZ,PAQT,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(DMB,ATZ,MTL),TARGET(24DXY,OYZ).

12. Dotray, P. A. and McKenney, C. B. (1996). Established and Seeded Buffalograss Tolerance to Herbicides Applied Preemergence. *Hortscience* 31: 393-395 .

EcoReference No.: 76103

Chemical of Concern:

QNC,PPZ,MBZ,LNR,DMB,CZE,ACR,SZ,PRM,PDM,OYZ,MTL,DU,DTP,PPN,ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),TARGET(DMB,ATZ,MTL,SZ,OYZ,LNR),NO COC(BZO) .

13. Felix, H. R. , Chollet, R., and Harr, J. (1988). Use of the Cell Wall-Less Alga *Dunaliella bioculata* in Herbicide Screening Tests. *Ann.Appl.Biol.* 113: 55-60 .

EcoReference No.: 13100

Chemical of Concern:

24DXY,ACR,ATZ,DBN,DU,GYP,NFZ,OXF,OYZ,TFN,SXD,ASM,AMTL,PAQT,NFZ,EPTC,FZFB,ACF,CSF; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(OYZ).

14. Finney, S. B. (1991). Cellular Response of Two Turfgrass Cultivars to Selected Herbicides. *M.S.Thesis, Univ.of Tennessee, Knoxville, TN* 81 p.

EcoReference No.: 72266

Chemical of Concern: OYZ,PDM; Habitat: T; Effect Codes: CEL,GRO,PHY; Rejection Code: TARGET(OYZ).

15. Gilreath, J. P. (1987). Chemical Weed Control in *Gypsophila*. *Hortscience* 22: 446-448.

- EcoReference No.: 73266
 Chemical of Concern: MTL,TBC,ACR,OXF,OYZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(OYZ).
16. Gilreath, J. P. (1986). Preemergence Weed Control in Gladiolus Gladiolus hortulanus Cormels. *Weed Sci.* 34: 957-960.
- EcoReference No.: 73766
 Chemical of Concern: MTL,ACR,OYZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK,TARGET(MTL),TARGET(OYZ).
17. Glaze, N. C. and Hall, M. R. (1990). Cultivation and Herbicides for Weed Control in Sweet Potato (Ipomoea batatas) . *Weed Technol.* 4: 518-523.
- EcoReference No.: 73960
 Chemical of Concern: MTL,ACR,FZF,FZFP,MBZ,NPP,OYZ,SXD; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(SXD,OYZ).
18. Grichar, W. J., Evers, G. W., Pohler, C. L., and Schubert, A. M. (1987). Use of Preemergence Herbicides for Establishment of Clovers. *Tex.Agric.Exp.Stn.Prog.Rep.* 4537: 73-75.
- EcoReference No.: 73911
 Chemical of Concern: MTL,ACR,ATZ,OYZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(ATZ,OYZ).
19. Hall, L. C., Okihiro, M., Johnson, M. L., and Teh, S. J. (2007). Surflan and Oryzalin Impair Reproduction in the Teleost Medaka (Oryzias latipes). *Mar. Environ. Res.* 63: 115-131.
- EcoReference No.: 94265
 Chemical of Concern: OYZ; Habitat: A; Effect Codes: REP,CEL; Rejection Code: LITE EVAL CODED(OYZ).
20. Hammett, L. K. and Monaco, T. J. (1982). Effect of Oryzalin and Other Herbicide Treatments on Selected Quality Factors of Sweet Potatoes. *J.Am.Soc.Hortic.Sci.* 107: 432-436.
- EcoReference No.: 25728
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: BCM,POP; Rejection Code: TARGET(OYZ).
21. Hood, L. R. and Klett, J. E. (1992). Preemergent Weed Control in Container-Grown Herbaceous and Woody Plants. *J.Environ.Hortic.* 10: 8-11.
- EcoReference No.: 73251
 Chemical of Concern: MTL,NPP,OYZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(OYZ).
22. Isgrigg, J., Yelverton, F. H., Brownie, C., and Warren, L. S. Jr. (2002). Dinitroaniline Resistant Annual Bluegrass in North Carolina. *Weed Sci.* 50: 86-90.
- EcoReference No.: 87374
 Chemical of Concern: TFN,OYZ,DTP,ODZ,PDM,PRM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(OYZ).
23. James, T. K. and Atkinson, G. C. (1978). Herbicide Tolerance of Sainfoin. *Proc.N.Z.Weed Control Conf.* 31: 121-123.

EcoReference No.: 25882

Chemical of Concern: TFN,EPTC,24DB,MCPB,PZM,PAQT,CZE,SZ,MBZ,TRB,OYZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(SZ),OK(TFN,EPTC,24DB,MCPB,PZM,PAQT,CZE,MBZ,TRB,OYZ),TARGET(PZM,OYZ).

24. Kobayashi, I., Kobayashi, Y., and Hardham, A. R. (1997). Inhibition of Rust-Induced Hypersensitive Response in Flax Cells by the Microtubule Inhibitor Oryzalin. *Aust.J.Plant Physiol.* 24: 733-740.

EcoReference No.: 94585

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

25. Locascio, S. J. (1978). Weed Control in Cucurbits with Ethalfluralin, Oryzalin, and Pendimethalin. *Proc.South.Weed Sci.Soc.* 31: 152-158.

EcoReference No.: 41392

Chemical of Concern: EFL,OYZ,PDM; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: OK(EFL,PDM,TARGET-OYZ).

26. Quimby, P. C. Jr., Hollingsworth, E. B., and McDonald, R. L. (1977). Techniques for Greenhouse Evaluation of Herbicides on Saltcedar. *Weed Sci.* 25: 1-4.

EcoReference No.: 42825

Chemical of Concern: 24DXY,DMB,PCL,OYZ; Habitat: T; Effect Codes: PHY; Rejection Code: OK(PCL),TARGET(OYZ,24DXY,DMB).

27. Reddy, K. N. and Singh, M. (1993). Response of Citrus (Citrus spp.) Rootstock Seedlings to Soil-Applied Herbicides. *J.Enviro.Hortic.* 11: 39-40.

EcoReference No.: 73256

Chemical of Concern: MTL,NPP,NFZ,OYZ,PDM,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(OYZ).

28. Roseberg, R. J. (1997). Herbicide Tolerance by Vernonia Grown in the Temperate Zone. *Ind.Crops Prod.* 6: 89-96.

EcoReference No.: 73987

Chemical of Concern: MTL,TFN,PDM,EFL,FZF,SXD,PCH,ATZ,CPR,D CPA,NPP,24DXY,DMB,OXF,24DB,EPTC,OYZ,D U,MBZ,DMM,OXF,BMN; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(SXD,DMB,ATZ,24DXY,OYZ).

29. Ruter, J. M. and Glaze, N. C. (1992). Herbicide Combinations for Control of Prostrate Spurge in Container-Grown Landscape Plants. *J.Enviro.Hortic.* 10: 19-22.

EcoReference No.: 73413

Chemical of Concern: OYZ,ODZ,OXF,PDM,MTL; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL,TARGET-MTL),TARGET(OYZ).

30. Ryan, G. F., Rosenthal, R. N., and Berger, R. L. (1981). Napropamide and Oryzalin Effect on Simazine Tolerance of Four Ornamental Species. *Weed Sci.* 29: 329-332.

EcoReference No.: 72269

Chemical of Concern: SZ,DBN,OYZ,NPP; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: TARGET(SZ,OYZ).

31. Skalamera, D. and Heath, M. C. (1996). Cellular Mechanisms of Callose Deposition in Response to Fungal Infection or Chemical Damage. *Can.J.Bot.* 74: 1236-1242.
- EcoReference No.: 94649
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(OYZ).
32. Skalamera, D. and Heath, M. C. (1998). Changes in the Cytoskeleton Accompanying Infection-Induced Nuclear Movements and the Hypersensitive Response in Plant Cells Invaded by Rust Fungi. *Plant J.* 16: 191-200.
- EcoReference No.: 94609
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: CEL; Rejection Code: TARGET(OYZ).
33. Skalamera, D., Jibodh, S., and Heath, M. C. (1997). Callose Deposition During the Interaction Between Cowpea (*Vigna unguiculata*) and the Monokaryotic Stage of the Cowpea Rust Fungus (*Uromyces vignae*). *New Phytol.* 136: 511-524.
- EcoReference No.: 94605
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: CEL; Rejection Code: TARGET(OYZ).
34. Staats, D. and Klett, J. E. (1993). Evaluation of Weed Control and Phytotoxicity of Preemergence Herbicides Applied to Container-Grown Herbaceous and Woody Plants. *J. Environ. Hort.* 11: 78-81.
- EcoReference No.: 73252
 Chemical of Concern: MTL,OYZ,TFN; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(OYZ).
35. 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,C
 MZ,IZT,FZFPB,MTL,SXD,FSF,EPTC,TFN,BT,PAQT,TRB; Habitat: T; Effect Codes: POP;
Rejection Code: NO MIXTURE(SXD,PHMD),OK TARGET(HXZ,MTL,SZ,BS),OK(ALL
 CHEMS),TARGET(CMZ,OYZ,FSF).
36. Talbert, R. E., Tierney, M. J., Burgos, N. R., Strebe, T. A., Curless, J. K., and Miesner, J. (1996). Field Evaluations of Herbicides on Small Fruit Vegetable and Ornamental Crops 1995. *Ark.Agric.Exp.Stn.Res.Ser.* 452: 1-38.
- EcoReference No.: 73745
 Chemical of Concern:
 MTL,MBZ,DMM,BT,24DXY,EPTC,GYP,OYZ,DU,TPZ,OXF,ACF,TFN,CYC,CMZ,FTS,FZF,IZT,F
 SF,CPR,DCPA,HSF,PRM,SXD,CPP,NPP,DDP,ACO,GFSNH,PAQT,PHMD; Habitat: T; Effect
 Codes: PHY,POP; Rejection Code: LITE EVAL
 CODED(SXD,PHMD),TARGET(MTL,24DXY,CMZ,OYZ,FSF).
37. Talbert, R. E., Tierney, M. J., Burgos, N. R., Strebe, T. A., and Kitt, M. J. (1995). Field Evaluation of Herbicides on Small Fruit, Vegetable and Ornamental Crops, 1994. *Ark.Agric.Exp.Stn.Res.Ser.* 447: 1-54.
- EcoReference No.: 73916
 Chemical of Concern:
 MTL,BT,CPP,CLT,CMZ,CPR,CYC,DCPA,DDP,PHMD,DEE,DMM,DU,EPTC,EFL,FZP,FTS,FSF,G

- FS,GYP,IZT,MLX,Cu,MBZ,NPP,OYZ,PAQT,PMD,PHMD,QNC,SXD,SFZ,TPZ,TPR,TFN,24DXY;
Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MTL,PHMD),OK
 TARGET(MTL),NO MIXTURE(SXD),OK(ALL CHEMS),TARGET(24DXY,CMZ,OYZ,FSF).
38. Talbert, R. E., Wichert, R. A., Carey III, V. F., Johnson, D. H., Ruff, D. F., and Burgos, N. R. (1993). Field Evaluations of Herbicides on Small Fruit, Vegetable and Ornamental Crops, 1992 .
Ark.Agric.Exp.Stn.Res.Ser. 429: 1-29.
- EcoReference No.: 70441
 Chemical of Concern: ATZ,NPP,MTL,PQT,OXF,DU,PDM,BT,TFN,24DXY,OYZ,SZ; Habitat: T;
Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS),OK
 TARGET(ATZ,MTL,SZ),TARGET(24DXY,OYZ).
39. Teasdale, J. R. (1985). Avoidance of Herbicide Injury by Placement Between Rows of Polyethylene Mulch.
Hortscience 20: 871-872.
- EcoReference No.: 73264
 Chemical of Concern: MTL,ACR,OYZ,LNR,OXF,ATZ,MBZ,PQT; Habitat: T; Effect Codes:
 GRO,POP,PHY; Rejection Code: LITE EVAL CODED(MTL),TARGET(MTL,ATZ,OYZ,LNR).
40. Tu, J. C. and Hamill, A. S. (1986). Differential Effect of Two Groups of Herbicides, Dinitroaniline and Phenoxy, on Pea Root Rot. *Proc.Br.Crop Prot.Conf.- Pests and Diseases* 3: 1049-1053.
- EcoReference No.: 77521
 Chemical of Concern: MCPB,MCPA,TFN,PDM,OYZ,PMT,CN; Habitat: T; Effect Codes: PHY;
Rejection Code: LITE EVAL CODED(OYZ).
41. Wallace, R. W. and Bellinder, R. R. (1990). Low-Rate Applications of Herbicides in Conventional and Reduced Tillage Potatoes (*Solanum tuberosum*). *Weed Technol.* 4: 509-513.
- EcoReference No.: 73817
 Chemical of Concern: MTL,LNR,MBZ,DMM,OYZ; Habitat: T; Effect Codes: POP; Rejection Code:
 TARGET(MTL,OYZ,LNR).
42. Warmund, M. R. and Patterson, W. K. (1986). Vegetative and Fruiting Responses of Grapes to Chlorsulfuron and Oryzalin. *Hortscience* 21: 250-252.
- EcoReference No.: 32488
 Chemical of Concern: OYZ; Habitat: T; Rejection Code: TARGET(OYZ).
43. Warren, S. L. and Skroch, W. A. (1991). Evaluation of Six Herbicides for Potential Use in Tree Seed Beds.
J. Environ.Hortic. 9: 160-163.
- EcoReference No.: 73249
 Chemical of Concern: MTL,OYZ,NPP,OXF; Habitat: T; Effect Codes: MOR,GRO; Rejection Code:
 LITE EVAL CODED(MTL),OK TARGET(MTL),TARGET(OYZ).
44. Whitwell, T. and Kelly, J. (1989). Effects of Preemergence Herbicides on Hosta and Daylily. *J. Environ.Hortic.*
 7: 29-31.
- EcoReference No.: 73254
 Chemical of Concern: MTL,OXF,TFN,OYZ,PDM,NPP,FTN; Habitat: T; Effect Codes: PHY,GRO;
Rejection Code: LITE EVAL CODED(FTN,MTL),OK(ALL CHEMS),OK
 TARGET(MTL),TARGET(OYZ).
45. Wilcox, W. F. (1996). Influence of Dinitroaniline Herbicides on Growth, Sporulation, and Infectivity of Four

Phytophthora spp. Pathogenic to Deciduous Fruit Trees. *Phytopathology* 86: 906-913.

EcoReference No.: 94266

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

Papers that Passed Screen for ECOTOX but not OPP

1. Ahrens, J. F. (1976). Experimental Herbicides for Field-Grown Ornamentals. *Proc.Northeast.Weed Sci.Soc.* 30: 297-302.

EcoReference No.: 40837

Chemical of Concern: SZ,OYZ,ODZ,ACR,DU,TRB,ASM,GYP,DCPA,MBZ; Habitat: T; Effect Codes: GRO,MOR,PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ),NO ENDPOINT,MIXTURE(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; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT(OYZ).

3. Al-Rawass, B., Grolig, F., and Wagner, G. (1997). High Irradiance Blue Light Affects Cortical Microtubules in the Green Alga *Mougeotia scalaris*. *Plant Cell Physiol.* 38: 882-886.

EcoReference No.: 94611

Chemical of Concern: OYZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(OYZ).

4. Almeida, F. S., Oliveira, V. F., and Filho, J. M. (1983). Selective Control of Grass Weeds in Soybeans with Some Recently Developed Postemergence Herbicides. *Trop.Pest Manag.* 29: 261-266.

EcoReference No.: 40990

Chemical of Concern: SXD,FZFB,DFPM,OYZ; Habitat: T; Effect Codes: POP,PHY,GRO; Rejection Code: NO CONTROL(ALL CHEMS).

5. Arnold, C. E. and Aldrich, J. H. (1980). Herbicidal Effects on Peach Seedling Growth and Weed Control. *Hortscience* 15: 293-294.

EcoReference No.: 43737

Chemical of Concern: SZ,OYZ,NPP,MTZ,ODZ; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ),OK TARGET(SZ).

6. Bhattacharya, G., Salem, M. M., and Werbovetz, K. A. (2002). Antileishmanial Dinitroaniline Sulfonamides with Activity Against Parasite Tubulin. *Bioorg.Med.Chem.Lett.* 12: 2395-2398.

EcoReference No.: 94935

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

7. Boldt, P. F. and Sweet, R. D. (1974). Evaluation of Herbicides on Dry and Snap Beans. *Proc.Northeast.Weed Sci.Soc.* 28: 155-160.

EcoReference No.: 41813

Chemical of Concern: OYZ,DMM,ACR,BT,MBZ,TBC; Habitat: T; Effect Codes: MOR,PHY;

Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).

8. Brown, J. F. and Swingle, H. D. (1977). Herbicide Evaluation in Vegetable Crops. *Prod.South.Weed Sci.Soc.* 30: 168-175.

EcoReference No.: 40627

Chemical of Concern: OYZ,MTL,PDM,TFN,VNT,BTL; Habitat: T; Effect Codes: GRO,POP;

Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT(OYZ).

9. Brown, S. M., Chandler, J. M., and Morrison, J. E. Jr. (1987). Weed Control in a Conservation Tillage Rotation in the Texas Blacklands. *Weed Sci.* 35: 695-699.

EcoReference No.: 78601

Chemical of Concern: PPZ,OYZ,CBF,GYP,ATZ,FZF,MTL,PQT,BMN; Habitat: T; Effect Codes:

POP; Rejection Code: NO CONTROL(ALL CHEMS).

10. Bryson, C. T. and Croom, E. M. Jr. (1991). Herbicide Inputs for a New Agronomic Crop, Annual Wormwood (*Artemisia annua*). *Weed Technol.* 5: 117-124.

EcoReference No.: 73802

Chemical of Concern: MTL,OYZ,NFZ,ACR,BT,ACF,FZF,TFN; Habitat: T; Effect Codes:

GRO,PHY; Rejection Code: NO MIXTURE(MTL,OYZ).

11. Clay, D. V. and West, T. M. (1987). The Response of Traizine Resistant and Susceptible Biotypes of *Erigeron canadensis* to 23 Herbicides. *Meded.Fac.Landbouwkd.Rijksuniv.Gent* 52: 1195-1206.

EcoReference No.: 70179

Chemical of Concern:

SZ,PHMD,GYP,AMTL,24DXY,TPR,OYZ,CPR,PCH,DU,NPP,OXF,NFZ,ODZ,PDM,PAQT,PYD,IZ

P,FXP; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

12. Cohen, R., Cuppels, D. A., Brammall, R. A., and Lazarovits, G. (1992). Induction of Resistance Towards Bacterial Pathogens of Tomato by Exposure of the Host to Dinitroaniline Herbicides. *Phytopathology* 82: 110-114.

EcoReference No.: 94610

Chemical of Concern: OYZ,TFN,ACO; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO

ENDPOINT(TARGET-OYZ).

13. Dvorakova, K., Dorr, R. T., Gallegos, A., McClure, T., and Powis, G. (1997). Pharmacokinetic Studies of the Herbicide and Antitumor Compound Oryzalin in Mice. *J.Chromatogr.B* 696: 275-281.

EcoReference No.: 94184

Chemical of Concern: OYZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO

CONTROL(OYZ).

14. Eleftheriou, E. P., Karagiannidou, T., Hudak, J., and Moustakas, M. (2003). Developmental Malformations of the Protophloem Sieve-Element Cell Wall in Oryzalin-Treated Roots of Wheat. *Biologia (Bratisl.)* 58: 833-841.

EcoReference No.: 82015

Chemical of Concern: OYZ; Habitat: T; Effect Codes: CEL; Rejection Code: NO

ENDPOINT(OYZ).

15. Eli Lilly & Co. (1992). Initial Submission: Acute Rat Oral Toxicity Study with Isouron & Oryzalin with Cover Letter Dated 080392. *EPA/OTS Doc.#88-920006213* 13 p. (NTIS/OTS 0545050).

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 Chemical of Concern: OYZ; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: NO CONTROL(OYZ).
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- EcoReference No.: 94377
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: MOR,PHY,GRO; Rejection Code: NO CONTROL(OYZ).
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 Chemical of Concern: OYZ,ACR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
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 Chemical of Concern: OYZ,ACR,LNR; Habitat: T; Effect Codes: POP,GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
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- EcoReference No.: 49310
 Chemical of Concern: ACR,ATZ,LNR,OYZ,PAQT; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
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- EcoReference No.: 94280
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(TARGET-OYZ).
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- EcoReference No.: 81386
 Chemical of Concern: OYZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(OYZ).
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 Chemical of Concern: SZ,OYZ,NPP,ACR,PMT; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ),OK TARGET(SZ).
23. Hatfield, H. H., Warholic, D. T., and Sweet, R. D. (1978). Dinitroaniline Toxicity of Galinsoga, Ragweed and Several Crops. *Proc. Northeast. Weed Sci. Soc.* 32: 141-150.

- EcoReference No.: 41425
Chemical of Concern: OYZ,LNR,PDM; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
24. Huang, X., Fong, S., Deanovic, L., and Young, T. M. (2005). Toxicity of Herbicides in Highway Runoff. *Environ.Toxicol.Chem.* 24: 2336-2340.
- EcoReference No.: 94271
Chemical of Concern: GYP,OYZ,CPR,DU; Habitat: A; Effect Codes: MOR,POP; Rejection Code: OK(GYP,DU),NO MIXTURE(OYZ).
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Chemical of Concern: OYZ,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
26. James, S. W. and Lefebvre, P. A. (1989). Isolation and Characterization of Dominant, Pleiotropic Drug-Resistance Mutants in *Chlamydomonas reinhardtii*. *Curr .Genet.* 15: 443-452.
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Chemical of Concern: OYZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
27. James, S. W., Ranum, L. P. W., Silflow, C. D., and Lefebvre, P. A. (1988). Mutants Resistant to Anti-Microtubule Herbicides Map to a Locus on the Uni Linkage Group in *Chlamydomonas reinhardtii*. *Genetics* 118: 141-148.
- EcoReference No.: 94286
Chemical of Concern: OYZ; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO CONTROL(OYZ).
28. Kagiwada, S., Nakamae, I., Kayukawa, M., and Kato, S. (2004). Cytoskeleton-Dependent Polarized Secretion of Arylsulfatase in the Unicellular Green Alga, *Chlamydomonas reinhardtii*. *Plant Sci.* 166: 1515-1524.
- EcoReference No.: 94183
Chemical of Concern: OYZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(OYZ).
29. Kring, F., Couderchet, M., and Boger, P. (1995). Inhibition of Oleic Acid Incorporation into a Non-Lipid Fraction by Chloroacetamide Herbicides. *Physiol.Plant.* 95: 551-558.
- EcoReference No.: 94608
Chemical of Concern: DU,OYZ,ACR,DMM; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DU,OYZ).
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- EcoReference No.: 44036
Chemical of Concern: OXF,OYZ,ACR,BT; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).

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EcoReference No.: 40877

Chemical of Concern: OYZ,MBZ,LNR; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),MIXTURE(LNR,BMZ).

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

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EcoReference No.: 41283

Chemical of Concern: OYZ,ACR,MTL,DFP,EFL,LNR,MCPB,MBZ,DMM,PDM,TFN,PCH ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTL),TARGET(MCPB),NO ENDPOINT(OYZ).

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EcoReference No.: 94606

Chemical of Concern: OYZ; Habitat: A; Effect Codes: PHY,CEL; Rejection Code: NO CONTROL,ENDPOINT(OYZ).

35. Metcalf, R. L. and Sanborn, J. R. (1975). Pesticides and Environmental Quality in Illinois. *Il.Nat.Hist.Surv.Bull.* 31: 381-436.

EcoReference No.: 37948

Chemical of Concern:

ACP,PRN,CBL,PPX,EN,HCCH,MRX,PCP,MLN,FNF,FNT,TMP,DFZ,MTPN,FTT,ADC,CPYM,CPY,PCH,24DXY,PHMD,MXC,DMB,ACR,ATZ,TBO,GYP,OYZ,BT,MBZ,TFN,CBF,Maneb,Zineb,AND,DLDD,DDT,HPT,TXP,CHD,PPN,Captan; Habitat: AT; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

36. Michieka, R. W., Ilnicki, R. D., Justin, J. R., and Zublena, J. (1977). Response of Kenaf to Some Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 31: 86-90.

EcoReference No.: 41808

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

37. Moreland, D. E., Farmer, F. S., and Hussey, G. G. (1971). Inhibition of Photosynthesis and Respiration by Substituted 2,6-Dinitroaniline Herbicides. *Pest Bioc* 1: 342-353.
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 Chemical of Concern: OYZ,TFN; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
38. Murphy, H. J. and Goven, M. J. (1976). Weed Control in Potatoes with Several Pre-Plant Incorporated, Preemergence, and Early Post Emergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 30: 235-238.
- EcoReference No.: 40816
 Chemical of Concern: OYZ,DMM,MBZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
39. Murphy, H. J. and Goven, M. J. (1974). Weed Control in White Potatoes in Maine--1973. *Proc.Northeast.Weed Sci.Soc.* 28: 287-295.
- EcoReference No.: 40878
 Chemical of Concern: OYZ,DMM,LNR,MBZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT(OYZ).
40. Naqvi, S. M. and Leung, T. S. (1983). Trifluralin and Oryzalin Herbicides Toxicities to Juvenile Crawfish (*Procambarus clarkii*) and Mosquitofish (*Gambusia affinis*). *Bull.EnvIRON.Contam.Toxicol.* 31: 304-308.
- EcoReference No.: 10092
 Chemical of Concern: OYZ,TFN; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
41. Parochetti, J. V. (1975). Weed Control in Soybeans with Metribuzin and Combinations with Other Herbicides. *Proc.Northeast.Weed Sci.Soc.* 29: 28-35.
- EcoReference No.: 40624
 Chemical of Concern: OYZ,MBZ,DMM,ACR,MTL; Habitat: T; Effect Codes: MOR,GRO,PHY,POP,CEL; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ),NO ENDPOINT(MBZ,DMM,ACR,MTL).
42. Poulsen, N. C., Spector, I., Spurck, T. P., Schultz, T. F., and Wetherbee, R. (1999). Diatom Gliding is the Result of an Actin-Myosin Motility System. *Cell Motil.Cytoskelet.* 44: 23-33.
- EcoReference No.: 94350
 Chemical of Concern: OYZ; Habitat: A; Effect Codes: BEH; Rejection Code: NO ENDPOINT(OYZ).
43. Quader, H. and Filner, P. (1980). The Action of Antimitotic Herbicides on Flagellar Regeneration in *Chlamydomonas reinhardtii*: A Comparison with the Action of Colchicine. *Eur.J.Cell Biol.* 21: 301-304.
- EcoReference No.: 6608
 Chemical of Concern: TFN,OYZ; Habitat: A; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(OYZ).
44. Renaud, A., Poinot-Balaguer, N., Cortet, J., and Le Petit, J. (2004). Influence of Four Soil Maintenance Practices on Collembola Communities in a Mediterranean Vineyard. *Pedobiologia* 48: 623-630.
- EcoReference No.: 94307

Chemical of Concern: OYZ,GYP,TBZ,DU; Habitat: T; Effect Codes: POP; Rejection Code: OK(GYP),NO MIXTURE(OYZ,DU).

45. Ritter, R. L. and Kaufman, L. M. (1989). Giant Foxtail (*Setaria faberi*) Control in Full-Season No-Till Soybeans (*Glycine max*). *Weed Technol.* 3: 151-154.

EcoReference No.: 74047

Chemical of Concern: MTL,OYZ,ACR,CZE,LNR,PAQT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL,TARGET(MTL,OYZ,LNR).

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EcoReference No.: 92137

Chemical of Concern: PZM,D CPA,OYZ,TFN; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(PZM,OYZ).

47. Schibler, M. J. and Huang, B. (1991). The ColR4 and ColR15 Beta-Tubulin Mutations in *Chlamydomonas reinhardtii* Confer Altered Sensitivities to Microtubule Inhibitors and Herbicides by Enhancing Microtubule Stability. *J.Cell Biol.* 113: 605-614.

EcoReference No.: 91769

Chemical of Concern: OYZ,TFN,BFL,PZM; Habitat: A; Effect Codes: POP,BCM,CEL; Rejection Code: NO CONTROL,ENDPOINT(OYZ,PZM).

48. Selleck, G. W. and Sanok, W. J. (1979). Evaluation of Herbicides for Weed Control in Cabbage. *In: Proc.Northeast Weed Sci.Soc.* 33: 158-160.

EcoReference No.: 41399

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

49. Snel, M., Gramlich, J. V., Washbrooke, P. F., Brandes, H., Doehler, R., Muggenberger, F., and Jacob, L. (1974). Oryzalin, A New Pre-Emergence Herbicide for Rapeseed, Soybeans, and Some Other Crops. *Med Rijk Lg* 39: 523-536.

EcoReference No.: 43415

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

50. St.John, J. B. and Hilton, J. L. (1973). Lipid Metabolism As A Site of Herbicide Action. *Weed Sci.* 21: 477-480.

EcoReference No.: 25360

Chemical of Concern: OYZ,TFN,AMTL,PCL; Habitat: T; Effect Codes: PHY,BCM,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

51. Stokkermans, T. J. W., Schwartzman, J. D., Keenan, K., Morrisette, N. S., Tilney, L. G., and Roos, D. S. (1996). Inhibition of *Toxoplasma gondii* Replication by Dinitroaniline Herbicides. *Exp.Parasitol.* 84: 355-370.

EcoReference No.: 94281

Chemical of Concern: OYZ,EFL,TFN; Habitat: A; Effect Codes: POP,CEL,BCM; Rejection Code: NO ENDPOINT(OYZ,TFN).

52. Tanaka, Y. and Noguchi, T. (2000). Cytoskeleton Mediating Transport Between the ER System and the Golgi Apparatus in the Green Alga *Scenedesmus acutus*. *Eur.J.Cell Biol.* 79: 750-758.
- EcoReference No.: 94664
 Chemical of Concern: OYZ; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(OYZ).
53. Upadhyaya, M. K. and Nooden, L. D. (1977). Mode of Dinitroaniline Herbicide Action. I. Analysis of the Colchicine-Like Effects of Dinitroaniline Herbicides. *Plant Cel P* 18: 1319-1330.
- EcoReference No.: 41568
 Chemical of Concern: OYZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
54. Waldrop, D. D. and Banks, P. A. (1983). Interactions of Herbicides with Insecticides in Soybeans (*Glycine Max*) . *Weed Sci.* 31: 730-734.
- EcoReference No.: 41050
 Chemical of Concern: OYZ,DMM,MBZ,MTL,PRT,TBO,ACF,TXP,ADC,IAA; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: LITE EVAL CODED(MTL,PRT),OK TARGET(ADC),OK(DMM,MBZ,TBO,ACF,TXP,IAA),NO ENDPOINT(OYZ).
55. Watson, M. C., Bartels, P. G., and Hamilton, K. C. (1980). Action of Selected Herbicides and Tween 20 on Oat (*Avena sativa*) Membranes. *Weed Sci.* 28: 122-127 .
- EcoReference No.: 43329
 Chemical of Concern: GYP,OYZ,ACR,DMB,TFN,PCL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ),OK TARGET(DMB),OK(GYP,ACR,TFN,PCL).
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- EcoReference No.: 41432
 Chemical of Concern: OYZ,NPP,ACR,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
57. Whitcomb, C. E. and Butler, J. F. (1975). Performance of Trifluralin, Nitralin, and Oryzalin in Nursery Containers. *J Am S Hort* 100: 225-229.
- EcoReference No.: 44005
 Chemical of Concern: OYZ,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ).
58. Yoshida, K., Inoue, N., Sonobe, S., and Shimmen, T. (2003). Involvement of Microtubules in Rhizoid Differentiation of *Spirogyra* Species. *Protoplasma* 221: 227-235.
- EcoReference No.: 91775
 Chemical of Concern: PZM,OYZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(PZM,OYZ).

Papers Excluded from ECOTOX

1. Abdrakhimova, Y. R., Khokhlova, L. P., Abdrakhmanova, A. F., and Abdrakhimov, F. A. (2000). Influence of Cytoskeletal Agents on the Respiratory Electron Transport Pathways in the Cells of Winter Wheat Leaves. *Cell Biology International*, 24 (6) pp. 393-397, 2000.
Rejection Code: IN VITRO.
2. Ackers, D., Buchen, B., Hejnowicz, Z., and Sievers, A. (2000). The Pattern of Acropetal and Basipetal Cytoplasmic Streaming Velocities in Chara Rhizoids and Protonemata, and Gravity Effect on the Pattern as Measured by Laser-Doppler-Velocimetry. *Planta*, 211 (1) pp. 133-143, 2000.
Rejection Code: IN VITRO.
3. Adams, V. D., Watts, R. J., and Pitts, M. E. (1985). Organics. *J water pollut control fed* 57: 463-493.
Rejection Code: NO TOX DATA.
4. Agnihotri, N. P. and Barooah, A. K. (1994). Bound Residues of Pesticides in Soil and Plant a Review. *Journal of scientific and industrial research (india)* 53: 850-861.
Rejection Code: REVIEW.
5. Alsop, William R. and Moreland, Donald E. (1975). Effects of herbicides on the light-activated, magnesium-dependent ATPase of isolated spinach (*Spinacia oleracea* L.) chloroplasts. *Pesticide Biochemistry and Physiology* 5: 163-170.
Rejection Code: IN VITRO.
6. Anon (Guidance for the Reregistration of Pesticide Products Containing Orzyalin as the Active Ingredient. *Govt reports announcements & index (gra&i)*, issue 10, 1990.
Rejection Code: REVIEW.
7. Anon (Pesticide Fact Sheet Number 211: Oryzalin. *Govt reports announcements & index (gra&i)*, issue 10, 1990.
Rejection Code: NO TOX DATA.
8. Anon (Red Facts: Oryzalin. *Govt reports announcements & index (gra&i)*, issue 11, 1995.
Rejection Code: REVIEW.
9. Anon (Reregistration Eligibility Decision (Red): Oryzalin. *Govt reports announcements & index (gra&i)*, issue 09, 1995.
Rejection Code: HUMAN HEALTH.
10. Anonymous (Dinitroaniline Herbicides. Comparative Summary. *Chemosphere* 9(1): 67-69 1980 (19 references).
Rejection Code: REVIEW.
11. Anonymous (Epa Herbicide Probe Finds No Adverse Effects. *Chem. Mark. Rep.* 217(11): 3, 32 1980.
Rejection Code: HUMAN HEALTH.
12. Anonymous (Union Seeks Ban on Eli Lilly Herbicide. *Chem. Week* 125(20): 28 1979.
Rejection Code: HUMAN HEALTH.
13. Appleby, A. P. and Valverde, B. E. (1989). Behavior of Dinitroaniline Herbicides in Plants. *Weed technol* 3: 198-206.
Rejection Code: REVIEW.
14. 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.
15. Ashton, F. M. and Monaco, T. J. (1991). 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 0-471-60084-9.; 0: Ix+466p.
Rejection Code: REVIEW.
 16. Baluska, F., Samaj, J., Volkmann, D., and Barlow, P. W. (1997). Impact of Taxol-Mediated Stabilization of Microtubules on Nuclear Morphology, Ploidy Levels and Cell Growth in Maize Roots. *Biology of the Cell, 89 (3) pp. 221-231, 1997.*
Rejection Code: IN VITRO.
 17. Beal, D. D. (1990). Use of Mouse Liver Tumor Data in Risk Assessments Performed by the U.s.a. Epa. *In: D.E.Stevenson, et al.(Eds.), Prog.in Clin.and Biol.Res., Volume 331, Mouse Liver Carcinogenesis: Mechanisms and Species Comparisons, Symp., Nov.30-Dec.3, 1988, Austin, TX, Wiley-Liss, New York, NY 5-18.*
Rejection Code: REFS CHECKED/ REVIEW.
 18. Bertin, G. and Schiavon, M. (1989). Non-Extractable Pesticide Residues in Soils. *Agronomie (paris) 9:* 117-124.
Rejection Code: FATE.
 19. Beste, C. E. (Herbicide Evaluations for Cucumbers. *Proc. Northeast. Weed sci. Soc. 33: 157 1979.*
Rejection Code: ABSTRACT.
 20. Binarova, P. , Hause, B., Dolezel, J., and Draber, P. (1998). Association of Gamma -Tubulin With Kinetochore/Centromeric Region of Plant Chromosomes. *Plant Journal, 14 (6) pp. 751-757, 1998.*
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 21. Binet, M. N. , Humbert, C., Lecourieux, D., Vantard, M., and Pugin, A. (2001). Disruption of Microtubular Cytoskeleton Induced by Cryptogein, an Elicitor of Hypersensitive Response in Tobacco Cells. *Plant Physiology, 125 (2) pp. 564-572, 2001.*
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Rejection Code: IN VITRO.
 23. Blanco, H. G., Oliveira, D. Da, and Matallo, M. B. (1988). Persistence and Residues of Oryzalin in Soils Under Soybean Crop. *Pesqui agropecu bras 23:* 1107-1114.
Rejection Code: FATE.
 24. Boeger, P. and Sandmann, G. (1998). Action of Modern Herbicides. *Raghavendra, a. S. (Ed.). Photosynthesis: a comprehensive treatise. Xviii+376p. Cambridge university press: new york, new york, usa* Cambridge, england, uk. Isbn 0-521-57000-x.; 0: 337-351.
Rejection Code: REVIEW.
 25. Bontoyan, W. R. (Report on Pesticide Formulations: Herbicides, Fungicides, and Miscellaneous. *J. Assoc. Off. Anal. Chem. 63(2): 226-227 1980.*
Rejection Code: NO TOX DATA.
 26. Braman, S. K., Oetting, R. D., and Florkowski, W. (1997). Assessment of Pesticide Use by Commercial Landscape Maintenance and Lawn Care Firms in Georgia. *Journal of entomological science 32:* 403-

411.

Rejection Code: NO TOX DATA.

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217. Zachariadis, M., Quader, H., Galatis, B., and Apostolakos, P. (2003). Organization of the endoplasmic reticulum in dividing cells of the gymnosperms *Pinus brutia* and *Pinus nigra*, and of the pterophyte *Asplenium nidus*. *Cell Biology International* 27: 31-40.
Rejection Code: IN VITRO.
218. Zeng, L. and Baird, W. V. (1994). Genetic Analysis of Dinitroaniline-Resistant and Susceptible Goosegrass *Eleusine Indica L.* Gaertn. *Annual meeting of the botanical society of america, knoxville, tennessee, usa, august 7-11, 1994. American journal of botany* 81: 84-85.
Rejection Code: ABSTRACT.
219. Zhu, G. L., Zhu, R., Zhou, W., Ye, Q., Chen, Z. L., and Yuan, M. (2000). Both Intact Microfilaments and Cortical Microtubules Are Involved in the Maintenance of the Growth Rate of Internodal Cells of *Nitellopsis*. *Plant Biology*, 2 (2) pp. 195-203, 2000.
Rejection Code: IN VITRO.

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.