HEXAZINONE
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

1. Abou-Waly, H., Abou-Setta, M. M., Nigg, H. N., and Mallory, L. L. (1991). Growth Response of Freshwater Algae, Anabaena flos-aquae and Selenastrum capricornutum to Atrazine and Hexazinone Herbicides. *Bull.Environ.Contam.Toxicol.* 46: 223-229.

   EcoReference No.: 95
   Chemical of Concern: ATZ,HXZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ATZ,HXZ),OK(ALL CHEMS).

2. Badejo, M. A. and Akinyemiju, O. A. (1993). Response of Soil Mites to Hexazinone Application in Nigeria. *Sci.Total Environ.* 134: 1257-1263.

   EcoReference No.: 92382
   Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(HXZ).

3. Blake, P. M., Hurst, G. A., and Terry, T. A. (1987). Responses of Vegetation and Deer Forage Following Application of Hexazinone. *South.J.Appl.For.* 11: 176-180.

   EcoReference No.: 92380
   Chemical of Concern: HXZ; Habitat: T; Effect Codes: BEH,GRO,POP,MOR; Rejection Code: TARGET(HXZ).

4. Chakravarty, P. and Chatarpaul, L. (1988). The Effects of Velpar L (Hexazinone) on Seedling Growth and Ectomycorrhizal Symbiosis of Pinus resinosa. *Can.J.For.Res.* 18: 917-921.

   EcoReference No.: 93252
   Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,MOR,PHY; Rejection Code: LITE EVAL CODED(HXZ).

5. Chakravarty, P. and Chatarpaul, L. (1990). Non-Target Effect of Herbicides: I. Effect of Glyphosate and Hexazinone on Soil Microbial Activity. Microbial Population, and In-Vitro Growth of Ectomycorrhizal Fungi. *Pestic.Sci.* 28: 233-241.

   EcoReference No.: 48089
   Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(HXZ),OK(GYP).

6. Chakravarty, P. and Sidhu, S. S. (1987). Effect of Glyphosate, Hexazinone and Triclopyr on In Vitro Growth of Five Species of Ectomycorrhizal Fungi. *Eur.J.For.Pathol.* 17: 204-210.

   EcoReference No.: 92276
   Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(HXZ),OK(GYP).

7. Chakravarty, P. and Sidhu, S. S. (1987). Effect of Hexazinone (Pronone 5G) on the Seedling Growth and Mycorrhizal Incidence of Pinus contorta Var. Latifolia and Picea glauca. *Eur.J.For.Pathol.* 17: 282-291.

EcoReference No.: 92278
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,POP,MOR,PHY; Rejection Code: LITE EVAL CODED(HXZ).

8. Coffman, C. B., Frank, J. R., and Potts, W. E. (1993). Crop Responses to Hexazinone, Imazapyr, Tebuthiuron, and Triclopyr. *Weed Technol.* 7: 140-145.

EcoReference No.: 57805
Chemical of Concern: TPR,TET,IZP,HXZ; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(IZP,HXZ),LITE EVAL CODED(IZP).

9. Day, K. E. (1993). Short-Term Effects of Herbicides on Primary Productivity of Periphyton in Lotic Environments. *Ecotoxicology* 2: 123-138.

EcoReference No.: 13325
Chemical of Concern: ATZ,HXZ,MTL,TET; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ,HXZ),OK(ALL CHEMS).

10. Estok, D., Freedman, B., and Boyle, D. (1989). Effects of the Herbicides 2,4-D, Glyphosate, Hexazinone, and Triclopyr on the Growth of Three Species of Ectomycorrhizal Fungi. *Bull.Environ.Contam.Toxicol.* 42: 835-839.

EcoReference No.: 93391
Chemical of Concern: GYP,24D,HXZ,TPR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(24D,GYP,HXZ).

11. Fenner, R. and Doerffling, K. (1980). Effect of Kinetin and Abscisic Acid on the Distribution of Carbo-14-Labeled 2-Amino Iba in Leaves of Zea mays Cultivar Goldprinz. *Physiol.Plant* 48: 131-133.

EcoReference No.: 30953
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(HXZ).

12. Fitzgerald, C. H. and Fortson, J. C. (1979). Herbaceous Weed Control with Hexazinone in Loblolly Pine (Pinus taeda) Plantations. *Weed Sci.* 27: 583-588 .

EcoReference No.: 30956
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(HXZ).

13. Gustavson, K., Mohlenberg, F., and Schluter, L. (2003). Effects of Exposure Duration of Herbicides on Natural Stream Periphyton Communities and Recovery. *Arch.Environ.Contam.Toxicol.* 45: 48-58.

EcoReference No.: 71668
Chemical of Concern: HXZ,MBZ,PDM; Habitat: A; Effect Codes: BCM,POP; Rejection Code: LITE EVAL CODED(HXZ),OK(MBZ,PDM).

14. Haywood, J. D. (2000). Mulch and Hexazinone Herbicide Shorten the Time Longleaf Pine Seedlings are in the Grass Stage and Increase Height Growth. *New For.* 19: 279-290.

EcoReference No.: 64579
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(HXZ).

15. Haywood, J. D., Goelz, J. C., Sword Sayer, M. A., and Tiarks, A. E. (2003). Influence of Fertilization, Weed Control, and Pine Litter on Loblolly Pine Growth and Productivity and Understory Plant Development

Through 12 Growing Seasons. *Can.J.For.Res.* 33: 1974-1982.

EcoReference No.: 82128
Chemical of Concern: HXZ,SMU,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(SMU,HXZ).

16. Hoelper, A. L. and Yarborough, D. E. (1985). Hexazinone and Terbacil to Suppress Weeds in A Commercial Lowbush Blueberry Field. *Proc.Northeast.Weed Sci.Soc.* 39: 151-156.

EcoReference No.: 31618
Chemical of Concern: HXZ,TRB; Habitat: T; Rejection Code: TARGET(HXZ).

17. Isakeit, T. and Lockwood, J. L. (1989). Lethal Effect of Atrazine and Other Triazine Herbicides on Ungerminated Conidia of Cochliobolus sativus in soil. *Soil Biol.Biochem.* 21: 809-817.

EcoReference No.: 70027
Chemical of Concern: SZ,ATZ,PPZ,AMTR,CZE,PRO,PMT,HXZ,MBZ; Habitat: T; Effect Codes: POP,REP; Rejection Code: TARGET(SZ,HXZ),LITE EVAL CODED(PRO,ATZ,PPZ),OK(AMTR,CZE,PMT,MBZ).

18. Jensen, K. I. N. (1986). Response to Lowbush Blueberry to Weed Control with Atrazine and Hexazinone. *Hortscience* 21: 1143-1144.

EcoReference No.: 31218
Chemical of Concern: ATZ,HXZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ,HXZ).

19. Jensen, K. I. N. and Specht, E. G. (2002). Response of Lowbush Blueberry (_Vaccinium angustifolium_) to Hexazinone Applied Early in the Fruiting Year. *Can.J.Plant Sci.* 82: 781-783.

EcoReference No.: 70945
Chemical of Concern: HXZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(HXZ).

20. Kennedy, G. L. Jr. (1984). Acute and Environmental Toxicity Studies with Hexazinone. *Fund.Appl.Toxicol.* 4: 603-611.

EcoReference No.: 92379
Chemical of Concern: HXZ; Habitat: AT; Effect Codes: MOR,GRO,PHY; Rejection Code: LITE EVAL CODED(HXZ).

21. Kennedy, G. L. Jr. and Kaplan, A. M. (1984). Chronic Toxicity, Reproductive, and Teratogenic Studies of Hexazinone. *Fund.Appl.Toxicol.* 4: 960-971.

EcoReference No.: 92277
Chemical of Concern: HXZ; Habitat: T; Effect Codes: PHY,CEL,GRO,BEH,REP,MOR; Rejection Code: LITE EVAL CODED(HXZ).

22. Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.

EcoReference No.: 3296
Chemical of Concern: EFV,HXZ,GYPI,Maneb,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP,CTN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CTN,Maneb,MZB,CBL,ACP,CBF,MLN,HXZ),OK(ALL CHEMS), NO COC(EFV) .

23. Litt, A. R., Provencher, L., Tanner, G. W., and Franz, R. (2001). Herpetofaunal Responses to Restoration Treatments of Longleaf Pine Sandhills in Florida. *Restor.Ecol.* 9: 462-474.

EcoReference No.: 93254
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(HXZ).

24. Lydon, J. and Darlington, L. (1998). Herbicide Residues in Leaves of Erythroxylum coca var. coca Plants Treated with Soil-Applied Tebuthiuron and Hexazinone. *J.Environ.Sci.Health Part B* 33: 581-594.

EcoReference No.: 64818
Chemical of Concern: HXZ,TET; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(HXZ).

25. Lydy, M. J. and Austin, K. R. (2005). Toxicity Assessment of Pesticide Mixtures Typical of the Sacramento-San Joaquin Delta Using Chironomus tentans. *Arch.Environ.Contam.Toxicol.* 48: 49-55.

EcoReference No.: 79402
Chemical of Concern: HXZ,MDT,SZ,DU,DZ,DDT,CZE,AZ,CPY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZ,DZ,SZ,HXZ,CPY),OK(ALL CHEMS).

26. Martin, N. A. (1982). The Effects of Herbicides Used on Asparagus on the Growth Rate of the Earthworm Allolobophora caliginosa. *Proc.35th N.Z.Weed and Pest Control Conf.* 328-331.

EcoReference No.: 58170
Chemical of Concern: SZ,TFN,ODZ,24DXY,PMT,MCPB,MBZ,TRB,LNR,BMC,DU,ASM,AMTL,HXZ,GYP,PPZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(MCPB,SZ,BMC,HXZ,24DXY),OK(ALL CHEMS),LITE EVAL CODED(SZ,PPZ).

27. McNeil, W. K., Stritzke, J. F., and Basler, E. (1984). Absorption, Translocation, and Degradation of Tebuthiuron and Hexazinone in Woody Species. *Weed Sci.* 32: 739-743.

EcoReference No.: 57756
Chemical of Concern: HXZ,TET; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(HXZ).

28. Meyer, R. E. and Baur, J. R. (1979). Smutgrass (Sporobolus Poiretii) Control in Pastures with Herbicides. *Weed Sci.* 27: 361-366.

EcoReference No.: 41467
Chemical of Concern: ATZ,BMC,GYP,HXZ,TET,CFRM; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(BMC,HXZ),OK(ALL CHEMS),OK TARGET(ATZ,CFRM).

29. Michael, J. L. (1984). Impacts of Rate of Hexazinone Application on Survival and Growth of the Loblolly Pine. *Proc.South.Weed Sci.Soc.(37th) January 17-19* 37: 210-213.

EcoReference No.: 31765
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(HXZ).

30. Michael, J. L., Webber, E. C. Jr., Bayne, D. R., Fischer, J. B., Gibbs, H. L., and Seesock, W. C. (1999). Hexazinone Dissipation in Forest Ecosystems and Impacts on Aquatic Communities. *Can.J.For.Res.* 29: 1170-1181.

EcoReference No.: 92381

Chemical of Concern: HXZ; Habitat: A; Effect Codes: ACC,POP; Rejection Code: LITE EVAL CODED(HXZ).

31. Minogue, P. J., Zutter, B. R., and Gjerstad, D. H. (1985). Comparison of Liquid and Solid Hexazinone Formulations for Pine Release. *Usfs Gr Int* 54: 292-299 .

EcoReference No.: 31654
Chemical of Concern: HXZ; Habitat: T; Rejection Code: TARGET(HXZ).

32. Nieves-Puigdoller, K., Bjornsson, B. T., and McCormick, S. D. (2007). Effects of Hexazinone and Atrazine on the Physiology and Endocrinology of Smolt Development in Atlantic Salmon. *Aquat.Toxicol.* 84: 27-37.

EcoReference No.: 93473
Chemical of Concern: HXZ,ATZ; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(HXZ),OK(ATZ).

33. Ortega, M., Alonso-Prados, J. L., Villarroya, M., and Garcia-Baudin, J. M. (2004). Detection of Phytotoxic Soil Residues of Hexazinone and Simazine by a Biological Test Using Lepidium sativum L. var. Cresson. *Weed Technol.* 18: 505-508.

EcoReference No.: 87319
Chemical of Concern: SZ,HXZ; Habitat: T; Effect Codes: REP,MOR; Rejection Code: TARGET(SZ,HXZ).

34. Peterson, H. G., Boutin, C., Freemark, K. E., and Martin, P. A. (1997). Toxicity of Hexazinone and Diquat to Green Algae, Diatoms, Cyanobacteria and Duckweed. *Aquat.Toxicol.* 39: 111-134.

EcoReference No.: 18372
Chemical of Concern: HXZ; Habitat: A; Effect Codes: POP.PHY; Rejection Code: LITE EVAL CODED(HXZ).

35. Potter, R. L., Ueckert, D. N., and Petersen, J. L. (1986). Honey Mesquite Control with Pelleted Hexazinone in Western Texas. *J.Range Manag.* 39: 132-135 .

EcoReference No.: 44087
Chemical of Concern: HXZ; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: TARGET(HXZ).

36. Pressland, A. J. and Keenan, F. J. (1985). Lignum (Muehlenbeckia cunninghamii) Control in the Channel Country. *Plant Prot.Q.* 1: 62-66.

EcoReference No.: 93255
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(GYP,HXZ).

37. Reynolds, P. E., Mackay, T. S., and McCormack, M. L. Jr. (1986). One Year Results for A Hexazinone Conifer Release Trial. *Proc.Northeast.Weed Sci.Soc.* 40: 218-222.

EcoReference No.: 31018
Chemical of Concern: HXZ; Habitat: T; Rejection Code: TARGET(HXZ).

38. Roshon, R. D. (1997). A Toxicity Test for the Effects of Chemicals on the Non-Target Submersed Aquatic Macrophyte, Myriophyllum sibiricum komarov. *Ph.D.Thesis, Univ.of Guelph, Canada* 464 p.

EcoReference No.: 74985

Chemical of Concern:
Pl,ZnCl2,TPR,24D,ATZ,DQTBr,FDE,GYP,HXZ,MTL,GYPA,GYPI,BNZ,ETHN,MOL; Habitat: A; Effect Codes: GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(MTL,ATZ,HXZ,24D,GYP,GYPI).

39. Schneider, J., Morin, A., and Pick, F. R. (1995). The Reponse of Biota in Experimental Stream Channels to a 24-Hour Exposure to the Herbicide Velpar L. *Environ.Toxicol.Chem.* 14: 1607-1613.

EcoReference No.: 13346
Chemical of Concern: HXZ; Habitat: A; Effect Codes: POP,PRS,GRO; Rejection Code: LITE EVAL CODED(HXZ).

40. Schuytema, G. S., Nebeker, A. V., and Griffis, W. L. (1994). Effects of Dietary Exposure to Forest Pesticides on the Brown Garden Snail Helix aspersa muller. *Arch.Environ.Contam.Toxicol.* 26: 23-28.

EcoReference No.: 54011
Chemical of Concern: ACP,ATZ,GYP,HXZ,PCL,CBL,FNT,MP,PAQT,TCF,AZ; Habitat: T; Effect Codes: GRO,BEH,ACC,MOR; Rejection Code: LITE EVAL CODED(HXZ,MP,CBL,AZ,ACP),NO ENDPOINT(ATZ),OK(GYP).

41. Scifres, C. J. (1982). Woody Plant Control in the Post Oak Savannah of Texas with Hexazinone. *J.Range Manag.* 35: 401-404.

EcoReference No.: 57912
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(HXZ).

42. Sidhu, S. S. and Chakravarty, P. (1990). Effect of Selected Forestry Herbicides on Ectomycorrhizal Development and Seedling Growth of Lodgepole Pine and White Spruce Under Controlled and Field Environment. *Eur.J.For.Pathol.* 20: 77-94.

EcoReference No.: 92279
Chemical of Concern: TPR,HXZ,GYP; Habitat: T; Effect Codes: GRO,MOR,PHY,POP; Rejection Code: LITE EVAL CODED(HXZ),OK(GYP,TPR).

43. St.Laurent, D., Blaise, C., MacQuarrie, P., Scroggins, R., and Trottier, B. (1992). Comparative Assessment of Herbicide Phytotoxicity to Selenastrum capricornutum Using Microplate and Flask Bioassay Procedures. *Environ.Toxicol.Water Qual.* 7: 35-48.

EcoReference No.: 45196
Chemical of Concern: Cu,HXZ,MTL,GYP,24DXY,BMN,Zn,CZE,DQTBr,PL; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL,OW-TRV-Cu,HXZ),OK(ALL CHEMS).

44. Stocker, R. K. and Sanders, D. R. Sr. (1997). Control of Melaleuca Seedlings and Trees by Herbicides. *J.Aquat.Plant Manag.* 35: 55-59.

EcoReference No.: 92243
Chemical of Concern: BMC,HXZ,TET,GYP,DMB,24DXY; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(BMC,HXZ,GYP),NO MIXTURE(DMB,24DXY).

45. Sutton, R. F. (1986). Hexazinone Gridballs Applied with Concurrent Underplanting of White Spruce in Boreal Mixedwoods: 7-Year Results. *For.Chron.* 62: 226-232.

EcoReference No.: 31263
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(HXZ).

46. Sutton, R. F. (1984). Plantation Establishment in the Boreal Forest: Glyphosate, Hexazinone, and Manual

Weed Control. *For.Chron.* 60: 283-287.

EcoReference No.: 31942
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(HXZ).

47. 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: TARGET(HXZ,MTL,SZ,BS,CMZ),OK(ALL CHEMS),NO MIXTURE(SXD, PHMD).

48. Thompson, D. G., Holmes, S. B., Thomas, D., MacDonald, L., and Solomon, K. R. (1993). Impact of Hexazinone and Metsulfuron Methyl on the Phytoplankton Community of a Mixed-Wood/Boreal Forest Lake. *Environ.Toxicol.Chem.* 12: 1695-1707.

EcoReference No.: 9306
Chemical of Concern: HXZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(HXZ).

49. Thompson, D. G., Holmes, S. B., Wainio-Keizer, K., MacDonald, L., and Solomon, K. R. (1993). Impact of Hexazinone and Metsulfuron Methyl on the Zooplankton Community of a Boreal Forest Lake. *Environ.Toxicol.Chem.* 12: 1709-1717 (OECDG Data File).

EcoReference No.: 9307
Chemical of Concern: HXZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(HXZ).

50. Thompson, M. W., Shaw, M. G., Umber, R. W., Skeen, J. E., and Thackston, R. E. (1991). Effects of Herbicides and Burning on Overstory Defoliation and Deer Forage Production. *Wildl.Soc.Bull.* 19: 163-170.

EcoReference No.: 93247
Chemical of Concern: PCL,TET,HXZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(HXZ).

51. Tipping, P. W. (2001). Canada Thistle (Cirsium arvense) Control with Hexazinone in Crown Vetch (Coronilla varia). *Weed Technol.* 15: 559-563.

EcoReference No.: 66975
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP,REP; Rejection Code: TARGET(HXZ).

52. Tipping, P. W. (1991). Effects of Mowing or Spraying Carduus thoermeri on Rhinocyllus conicus. *Weed Technol.* 5 : 628-631.

EcoReference No.: 93253
Chemical of Concern: DMB,HXZ; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(HXZ),OK(DMB).

53. Wan, M. T., Watts, R. G., and Moul, D. J. (1988). Evaluation of the Acute Toxicity to Juvenile Pacific Salmonids of Hexazinone and its Formulated Products: Pronone 10G, Velpar L, and Their Carriers. *Bull.Environ.Contam.Toxicol.* 41: 609-616.

EcoReference No.: 13181
Chemical of Concern: HXZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(HXZ).

54. White, D. E., Newton, M., and Cole, E. C. (1986). Enhanced Herbaceous Weed Control in Conifers with Combinations of Nitrogen Fertilizer Formulations and Hexazinone. *P W S Wd S* 39: 102-106.

EcoReference No.: 31056
Chemical of Concern: HXZ; Habitat: T; Rejection Code: TARGET(HXZ).

55. Wurtz, T. L. (1995). Domestic Geese: Biological Weed Control in an Agricultural Setting. *Ecol.Appl.* 5: 570-578.

EcoReference No.: 93316
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP,MOR,GRO; Rejection Code: TARGET(HXZ).

56. Yarborough, D. E., Hanchar, J. J., Skinner, S. P., and Ismail, A. A. (1986). Weed Response, Yield, and Economics of Hexazinone and Nitrogen Use in Lowbush Blueberry Production. *Weed Sci.* 34: 723-729.

EcoReference No.: 31286
Chemical of Concern: HXZ; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: TARGET(HXZ).

57. Zand, E., Beckie, H. J., Myhre, C. D., and Loeppky, H. A. (2002). Response of Two Canada Thistle (Cirsium arvense) Varieties to Herbicides. *Can.J.Plant Sci.* 82: 625-628.

EcoReference No.: 70948
Chemical of Concern: 24DXY,DMB,HXZ,BT,BMN,GYP,MCPB; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(DMB,MCPB,HXZ,24DXY).

Acceptable for ECOTOX but not OPP

1. Abou-Waly, H., Abou-Setta, M. M., Nigg, H. N., and Mallory, L. L. (1991). Dose-Response Relationship of Anabaena flos-aquae and Selenastrum capricornutum to Atrazine and Hexazinone Using Chlorophyll(a) Content and 14C Uptake. *Aquat.Toxicol.* 20: 195-204.

EcoReference No.: 5322
Chemical of Concern: ATZ,HXZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ATZ,HXZ).

2. Aguirrezabalaga, I., Santamaria, I., and Comendador, M. A. (1994). The w/w+ SMART is a Useful Tool for the Evaluation of Pesticides. *Mutagenesis* 9: 341-346.

EcoReference No.: 93313
Chemical of Concern: PIM,THM,HXZ,MCA; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(THM,HXZ,MCA).

3. Allen, T. J. and Mccully, W. G. (1977). Control of Roadside Vegetation with Velpar. *P So Wd S S* 30: 293-295.

EcoReference No.: 41352
Chemical of Concern: HXZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

4. Anderson, L. W. J. (1981). Control of Aquatic Weeds with Hexazinone. *J.Aquat.Plant Manag.* 19: 9-14.

EcoReference No.: 10833
Chemical of Concern: HXZ; Habitat: A; Effect Codes: PHY,POP,BCM; Rejection Code: NO ENDPOINT(HXZ).

5. Barkworth, M. E., Valdes-Reyna, J., and Landers, R. Q. Jr. (1989). Stipa clandestina: New Weed Threat on Southwestern Rangelands. *Weed Technol.* 3: 699-702.

EcoReference No.: 93263
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-HXZ,GYP).

6. Berrill, M., Bertram, S., McGillivray, L., Kolohon, M., and Pauli, B. (1994). Effects of Low Concentrations of Forest-Use Pesticides on Frog Embryos and Tadpoles. *Environ.Toxicol.Chem.* 13: 657-664.

EcoReference No.: 4021
Chemical of Concern: HXZ,TPR; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(HXZ).

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Chemical of Concern: DMB,HXZ,TET,PCL,24DXY,PPZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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

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

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

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

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EcoReference No.: 92363
Chemical of Concern: HXZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(HXZ).

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EcoReference No.: 80749
Chemical of Concern:
TCMTB,BMY,DINO,PZM,MTZ,AMTR,BS,TCMTB,PNB,GYP,TZL,TBA,ACR,FRM,PTBNa,CBX, OXC,HXZ,TET,BMC,DOD,Zn,TRB,DIIS; Habitat: T; Effect Codes: GRO,MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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EcoReference No.: 41771
Chemical of Concern: 24DXY,HXZ,TPR; Habitat: T; Effect Codes: POP,GRO,MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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Chemical of Concern: HXZ; Habitat: A; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(HXZ).

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Chemical of Concern: HXZ,TPR; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(HXZ).

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EcoReference No.: 93246
Chemical of Concern: TBZ,GYP,CYP,BMY,CTN,Cu,Maneb,PCZ,HXZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(HXZ,GYP,CYP,TARGET-CTN,Cu,PCZ,Maneb).

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EcoReference No.: 90590
Chemical of Concern: MTPN,SMM,TPR,HXZ,BMC,AMTL,DU,IZP,DMB,FDE,GYP,24DXY; Habitat: AT; Effect Codes: POP; Rejection Code: NO CONTROL(MTPN,SMM,HXZ,IZP,GYP),NO ENDPOINT(MTPN,SMM,HXZ,BMC).

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EcoReference No.: 93261
Chemical of Concern: GYP,HXZ,IZP,TET,TPR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-HXZ,IZP,GYP).

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

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EcoReference No.: 6797
Chemical of Concern: EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQTC,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MTAS,OXD,PEPPG,TBF; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(CPY,PEPPG,MP,Naled,BS,OXD,Captan,MLN,HXZ,TBF).

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EcoReference No.: 43855
Chemical of Concern: HXZ,TET,BMN,DBN; Habitat: T; Effect Codes: POP,MOR,BCM; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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EcoReference No.: 44158
Chemical of Concern: 24DXY,GYP,HXZ,TPR,TET; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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EcoReference No.: 41042
Chemical of Concern: HXZ,TPR,TET; Habitat: T; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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Zealand: 146-148.

EcoReference No.: 93268
Chemical of Concern: HXZ,IZP,PCL,TPR,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(HXZ,IZP,24DXY).

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    EcoReference No.: 93486
    Chemical of Concern: HCCH,FNT,CPY,24D,DMB,HXZ,PCL,TPR; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(CPY,24D,DMP,HXZ).

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    EcoReference No.: 40617
    Chemical of Concern: HXZ; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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    EcoReference No.: 13800
    Chemical of Concern:
    ACL,CBL,24DXY,SZ,CBF,ATZ,BMN,TPR,MBZ,GYP,TET,MTC,IZT,DMM,PCL,CSF,HXZ; Habitat: A; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(HXZ),LITE EVAL CODED(CBL,ATZ,CBF,MTL,SZ,PCZ,ACL),OK(ALL CHEMS).

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    EcoReference No.: 93273
    Chemical of Concern: ACP,DMT,GYP,HXZ,TPR; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(GYP,HXZ,ACP,DMT).

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    EcoReference No.: 92294
    Chemical of Concern: TPR,PEPPG,GYP,HXZ; Habitat: T; Effect Codes: ACC,PHY,GRO; Rejection Code: NO CONTROL(HXZ),OK TARGET(GYP).

32. Reeves, S. A. Jr. (1977). Evaluations of Selected Pre- and Postemergence Chemicals on Weed Control and Phytotoxicity to Eight Sugarcane Varieties. *Proc.South.Weed Sci.Soc.* 30: 130-132.

    EcoReference No.: 41315
    Chemical of Concern: ATZ,HXZ,DMM,DMB,MBZ,TET,TRB,TFN; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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EcoReference No.: 6616
Chemical of Concern: HXZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(HXZ).

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EcoReference No.: 92244
Chemical of Concern: HXZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(HXZ).

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EcoReference No.: 92292
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(HXZ).

36. Roshon, R. D., McCann, J. H., Thompson, D. G., and Stephenson, G. R. (1999). Effects of Seven Forestry Management Herbicides on Myriophyllum sibiricum, as Compared with Other Nontarget Aquatic Organisms. *Can.J.For.Res.* 29: 1158-1169.

EcoReference No.: 60978
Chemical of Concern: 24DXY,GYP,HXZ,IZP,MSFM,SMM,TPR; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(SMM).

37. Schoenholtz, S. H. and Barber, B. L. (1989). The Impact of Hericides on Loblolly Pine Plantation Establishment in East Texas. *Gen Tech Rep So U.S.Dep Agric for Ser* 74: 341-348.

EcoReference No.: 44193
Chemical of Concern: HXZ; Habitat: T; Effect Codes: POP,MOR,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ).

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EcoReference No.: 40807
Chemical of Concern: ATZ,HXZ,DMM,DMB,PDM,TET,TFN; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ,DMM,DMB,PDM,TET,TFN),NO ENDPOINT,NO CONTROL(HXZ).

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EcoReference No.: 56387
Chemical of Concern: 24DXY,HXZ,MTL,CuS,BMN,GYP,PCL,IMB,PL,Zn,CuS,Cr,CZE,DQTBr; Habitat: A; Effect Codes: CEL; Rejection Code: NO CONTROL(HXZ).

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EcoReference No.: 41265

Chemical of Concern: BMC,GYP,HXZ,TPR,PCL,TET,DMB; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL,ENDPOINT(BMC,HXZ).

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EcoReference No.: 40862
Chemical of Concern: SZ,HXZ,NPP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(HXZ),TARGET(SZ).

42. Yanase, D., Andoh, A., Chiba, M., and Yoshida, S. (1993). Chlorophyll Fluorescence Applied in the Analysis on Vertical Movement of Herbicides in Soil. *Z.Natforsch Sect.C Biosci.* 48: 397-401.

EcoReference No.: 92291
Chemical of Concern: TET,HXZ,DU,BMC; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DU,HXZ,BMC).

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EcoReference No.: 8570
Chemical of Concern: ACP,Captan,CBL,CTN,DMT,DS,DZ,FO,HXZ,MDT,MLN,MOM,PPG,PSM,TET,CYP,FVL,PMR,TFR,Cu,CuS,PCP,IZP,MCPP1,CPY; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS),NO CONTROL(CPY,HXZ).

HEXAZINONE
Papers that Were Excluded from ECOTOX

1. Abke, W., Korpien, H., and Post, B. (Pollution of Downstream Grondwater Near Railway Tracks Treated With Herbicides. *Fachgruppe wasserchemie in der gesellschaft deutscher chemiker (ed.). Vom wasser, band 81; (water, vol. 81); fifty-ninth annual meeting of fachgruppe wasserchemie in der gesellschaft deutscher chemiker (the water chemistry section of the german chemists society), badenweiler, germany, may 1993. Xvii+413p. Vch verlagsgesellschaft mbh: weinheim, germany. Isbn 3-527-28566-0.; 0 (0). 1993. 257-273.*
   Rejection Code: FATE.

2. Allender, W. J. (1991). Movement of Bromacil and Hexazinone in a Municipal Site Tibooburra New South Wales Australia. *Bull environ contam toxicol* 46: 284-291.
   Rejection Code: FATE.

3. Andariese, S. W. and Vitousek, P. M. (1988). Soil Nitrogen Turnover Is Altered by Herbicide Treatment in a North Carolina Piedmont Forest Soil. *Forest Ecology and Management [FOR. ECOL. MANAGE.]. Vol. 23, no. 1, pp. 19-25. 1988.*
   Rejection Code: FATE.

4. Andariese, S. W. and Vitousek, P. M. (1988). Soil Nitrogen Turnover Is Altered by Herbicide Treatment in a North Carolina Piedmont Usa Forest Soil. *For ecol manage* 23: 19-26.
   Rejection Code: BACTERIA.

5. Anon (Guidance for the Reregistration of Pesticide Products Containing Hexazinone as the Active Ingredient. *Govt reports announcements & index (gra&i), issue 01, 1987*.
   Rejection Code: NO TOX DATA.

6. Anon (1989). Guidance for the Reregistration of Pesticide Products Containing Hexazinone as the Active Ingredient, (NOT DUPLICATE). *Govt reports announcements & index (gra&i), issue 03, 1989, NTIS/PB89-126080* 110p.
   Rejection Code: NO TOX DATA.

7. Anon (Health Advisories for 50 Pesticides (Including Acifluorfen, Ametryn, Ammonium Sulfamate, Atrazine, Baygon, Bentazon, Bromacil, Butylate, Carbaryl, Carboxin, Chloramben, Chlorothalonil, Cyanazine, Dalapon, Dacthal, Diazinon, Dicamba, 1,3-Dichloropropene, Dieldrin, Dimethrin, Dinoseb, Diphenamid, Disu (NOT DUPLICATE). *Govt reports announcements & index (gra&i), issue 01, 1988*.
   Rejection Code: HUMAN HEALTH.

8. Anon (Health Advisories for 50 Pesticides (Including Acifluorfen, Ametryn, Ammonium Sulfamate, Atrazine, Baygon, Bentazon, Bromacil, Butylate, Carbaryl, Carboxin, Chloramben, Chlorothalonil, Cyanazine, Dalapon, Dacthal, Diazinon, Dicamba, 1,3-Dichloropropene, Dieldrin, Dimethrin, Dinoseb, Diphenamid, Disu. *Govt reports announcements & index (gra&i), issue 04, 1989*.
   Rejection Code: HUMAN HEALTH.

9. Anon. (1991). Hexazinone. *DANG. PROPERT. IND. MATER.* 11: 367-373.
   Rejection Code: REVIEW.

10. Anon (Hexazinone: Drinking Water Health Advisory. *Govt reports announcements & index (gra&i), issue 18, 1997*.

Rejection Code: HUMAN HEALTH.

11. Anon (1991). 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 (vienna)* 0: 1-78.
Rejection Code: REVIEW, NON-ENGLISH.

12. Anon (Pesticide Fact Sheet Number 183: Hexazinone. *Govt reports announcements & index (gra&i), issue 03, 1989*.
Rejection Code: NO TOX DATA.

13. Anon (Red Facts: Hexazinone. *Govt reports announcements & index (gra&i), issue 11, 1995*.
Rejection Code: REVIEW.

14. Anon (Reregistration Eligibility Decision (Red): Hexazinone. *Govt reports announcements & index (gra&i), issue 09, 1995*.
Rejection Code: REVIEW.

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. Barcelo, D. and Hennion, M. C. (1995). On-Line Sample Handling Strategies for the Trace-Level Determination of Pesticides and Their Degradation Products in Environmental Waters. *Analytica chimica acta* 318: 1-41.
Rejection Code: FATE, METHODS.

17. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). 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, 2nd edition. Vi+312p. Queensland department of primary industries: brisbane, queensland, australia. Paper. Isbn 0-7242-3985-5.* 0: Vi+312p.
Rejection Code: REVIEW.

18. Beeson, D. R., Lewis, M. C., Powell, J. M., and Nimmo, D. R. (1998). Effect of Pollutants on Freshwater Organisms. *Water environment research* 70: 921-931.
Rejection Code: REVIEW.

19. Behl, E. and Eiden, C. A. (1991). Field-Scale Monitoring Studies to Evaluate Mobility of Pesticides in Soils and Groundwater. *Nash, r. G. And a. R. Leslie (ed.). Acs (american chemical society) symposium series, 465. Groundwater residue sampling design* 199th national meeting, boston, massachusetts, usa, april 22-27, 1990. Xii+395p. American chemical society: washington, d.c., Usa. Illus. Maps. Isbn 0-8412-2091-3.; 0: 27-46.
Rejection Code: FATE.

20. Beitz, H., Schmidt, H. H., Hoernicke, E., and Schmidt, H. (Communications From the Federal Biological Institute for Agriculture and Forestry Berlin-Dahlem No. 274. First Results of an Analysis of the Use of Plant Protection Products and Their Ecological Chemical and Toxicological Effects in the Former Gdr. *Beitz, h., H. H. Schmidt, e. Hoernicke and h. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 274. Erste ergebnisse der analyse zur anwendung von pflanzenschutzmitteln und ihren oekologisch-chemischen und toxikologischen auswirkungen in der ehemaligen ddr; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 274. First results of an analysis of the use of plant*

protection products and their ecological, chemical and toxicological effects in the former gdr). 123p. Kommissionsverlag paul parey: berlin, germany. Illus. Paper. Isbn 3-489-27400-8.; 0 (0). 1991. 123p.
Rejection Code: HUMAN HEALTH.

21. Bottoni, P., Keizer, J., and Funari, E. (1996). Leaching Indices of Some Major Triazine Metabolites. *Chemosphere* 32: 1401-1411.
Rejection Code: FATE.

22. Bouchard, D. C., Enfield, C. G., and Piwoni, M. D. (1989). Transport Processes Involving Organic Chemicals. *Symposium on reactions and movement of organic chemicals in soils held at the 1987 annual meeting of the american society of agronomy and the soil science society of america, atlanta, georgia, usa, november 30-december 1, 1987. Sssa spec publ (soil sci soc am) ser* 0: 349-372.
Rejection Code: FATE.

23. Bouchard, D. C. and Lavy, T. L. (1985). Hexazinone Adsorption-Desorption Studies With Soil and Organic Adsorbents. *J environ qual* 14: 181-186.
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24. Bouchard, D. C., Lavy, T. L., and Lawson, E. R. (1985). Mobility and Persistence of Hexazinone in a Forest Watershed. *J environ qual* 14: 229-233.
Rejection Code: FATE.

25. Bowmer, K. H. (1986). Rapid Biological Assay and Limitations in Macrophyte Ecotoxicology a Review. *Aust j mar freshwater res* 37: 297-308.
Rejection Code: REVIEW.

26. Boyd-Boland, A. A., Chai, M., Luo, Y. Z., Yang, M. J., Zhang, Z., Yang, M. J., Pawliszyn, J. B., and Gorecki, T. (1994). New Solvent-Free Sample Preparation Techniques Based on Fiber and Polymer Technologies. *Environmental science & technology* 28: 569a-574a.
Rejection Code: FATE, METHODS.

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