

Appendix G Bibliography of ECOTOX Open Literature Not Evaluated

LINURON

Papers that Were Accepted for ECOTOX

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.

Acceptable for ECOTOX and OPP

1. Andrews, J. E. and Gray, L. E. (1990). The Effects of Lindane and Linuron on Calcium Metabolism, Bone Morphometry and the Kidney in Rats. *Toxicology* 60: 99-107.

EcoReference No.: 79995
Chemical of Concern: HCCH,LNR; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant
2. Ashby, J., Lefevre, P. A., Tinwell, H., Odum, J., and Owens, W. (2004). Testosterone-Stimulated Weanlings as an Alternative to Castrated Male Rats in the Hershberger Anti-Androgen Assay. *Regul.Toxicol.Pharmacol.* 39: 229-238.

EcoReference No.: 95479
Chemical of Concern: VCZ,LNR,DDT; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

3. Brown, S. L. and Curl, E. A. (1987). Rhizosphere Effect of Herbicide-Stressed Sicklepod (*Cassia obtusifolia*) on Chlamydo spores of *Fusarium oxysporum* f. sp. *Vasinfecum*. *Plant Dis.* 71: 919-922.

EcoReference No.: 95481
Chemical of Concern: LNR; Habitat: T; Effect Codes: REP,POP; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant
4. Cain, J. R. and Cain, R. K. (1983). The Effects of Selected Herbicides on Zygospor Germination and Growth of *Chlamydomonas moewusii* (Chlorophyceae, Volvocales). *J.Phycol.* 19: 301-305.

EcoReference No.: 61203
Chemical of Concern: EDT,ATZ,DU,PCL,24DXY,PAQT,PRO,PPN,DMB,LNR,ACR,AMTR,BMN,AMTL; Habitat: A; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(LNR,PRO,ATZ),OK(ALL CHEMS),NO ENDPOINT(24DXY).
5. Christopher, S. V. and Bird, K. T. (1992). The Effects of Herbicides on Development of *Myriophyllum spicatum* L. Cultured In Vitro. *J.Environ.Qual.* 21: 203-207.

EcoReference No.: 95760
Chemical of Concern: 24D,LNR,ATZ,GYPI; Habitat: A; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL CODED(LNR,GYPI),OK(24D,ATZ). Study Not relevant
6. Cook, J. C., Mullin, L. S., Frame, S. R., and Biegel, L. B. (1993). Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats. *Toxicol.Appl.Pharmacol.* 119: 195-204.

EcoReference No.: 95699
Chemical of Concern: LNR; Habitat: T; Effect Codes: GRO,BEH,REP,BCM; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant
7. Cuppen, J. G. M., Van den Brink, P. J., Van der Woude, H., Zwaardemaker, N., and Brock, T. C. M. (1997). Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates. *Ecotoxicol.Environ.Saf.* 38 : 25-35.

EcoReference No.: 18630
Chemical of Concern: LNR; Habitat: A; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(LNR). Evaluated
8. Fleming, W. J., Ailstock, M. S., and Momot, J. J. (1995). Net Photosynthesis and Respiration of Sago Pondweed (*Potamogeton pectinatus*) Exposed to Herbicides. In: *J.S.Hughes, G.R.Biddinger, and E.Mones (Eds.), Symp.Environmental Toxicology and Risk Assessment, Volume 3, ASTM STP 1218, Philadelphia, PA 303-317.*

EcoReference No.: 70739
Chemical of Concern: ATZ,SZ,ACR,CZE,GYP,LNR,MTL,MBZ,24D,PAQT,ACF; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ,SZ,LNR,24D),OK(ACR,CZE,GYP,MBZ,PAQT,ACF). Not sensitive enough
9. Garten, C. T. Jr. (1990). Multispecies Methods of Testing for Toxicity: Use of the Rhizobium-Legume Symbiosis in Nitrogen Fixation and Correlations Between Responses by Algae and Terrestrial Plants. In: *W.Wang, J.W.Gorsuch, and W.R.Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA 69-84.*

EcoReference No.: 19243
Chemical of Concern: CuS,SZ,24DXY,ACR,BMC,BMN,LNR; Habitat: AT; Effect Codes: GRO,PHY, BCM,POP; Rejection Code: LITE EVAL CODED(LNR,24DXY,BMC,SZ,CuS). Study Not

relevant

10. Garten, C. T. Jr. and Frank, M. L. (1984). Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides. *Interagency Agreement No.40-1067-80, Prepared for the U.S.EPA, Washington, D.C., by the Oak Ridge Natl.Lab., Oak Ridge, TN* 32 p.

EcoReference No.: 62406

Chemical of Concern:

DSMA,NPM,CuS,AMTL,SZ,TRL,BMN,BFL,DMB,CCA,ACR,24D,PCL,NP,LNR,BMC; Habitat:

AT; Effect Codes: GRO,POP; Rejection Code: LITE EVAL

CODED(24D,LNR),OK(CuS,SZ,DMB,BMC). Not most sensitive

11. Girman, G. R. (1975). The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba. *M.S.Thesis, University of Manitoba, Winnipeg, Manitoba* 179 p.

EcoReference No.: 13583

Chemical of Concern: 24D,MCPA,SZ,ATZ,AMTL,LNR,EPTC,TRL,PAQT,CuS; Habitat: A; Effect

Codes: PHY; Rejection Code: LITE EVAL CODED(ATZ,SZ,LNR),OK(24D,CuS). Not most sensitive

12. Gray, L. E. Jr., Wolf, C., Lambright, C., Mann, P., Price, M., Cooper, R. L., and Ostby, J. (1999). Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinatate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differentiation Produces Diverse Profiles of Reproductive Malformations in the Male Rat. *Toxicol.Ind.Health* 15: 94-118.

EcoReference No.: 69254

Chemical of Concern: LNR,DDT,IPD,PCB,PHTH,MXC,VCZ,TCDD; Habitat: T; Effect Codes:

GRO,REP,CEL,MOR; Rejection Code: LITE EVAL CODED(LNR) . Not most sensitive

13. Hasan, H. A. H. (1999). Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity. *Microbiol.Res.* 154: 95-102.

EcoReference No.: 75785

Chemical of Concern: IPD,PFF,LNR,MLN,PIRM,DMT,GYP; Habitat: T; Effect Codes: POP,BCM;

Rejection Code: LITE EVAL CODED(MLN,DMT,LNR,GYP). Study Not relevant

14. Hernando, M. D., Ejerhoon, M., Fernandez-Alba, A. R., and Chisti, Y. (2003). Combined Toxicity Effects of MTBE and Pesticides Measured with *Vibrio fischeri* and *Daphnia magna* Bioassays. *Water Res.* 37: 4091-4098.

EcoReference No.: 72537

Chemical of Concern: DU,MTB,LNR; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(LNR).

15. Hill, E. F., Heath, R. G., Spann, J. W., and Williams, J. D. (1975). Lethal Dietary Toxicities of Environmental Pollutants to Birds. *U.S.Fish and Wildl.Serv.No.191, Special Scientific Report-Wildlife* 1-61.

EcoReference No.: 35243

Chemical of Concern:

24DXY,ABT,ADC,AMTL,AND,ATZ,Captan,CBF,CBL,Cd,Cr,DDT,DLD,DMT,DS,DU,DZ,ES,ETN, FNT,HCCH,Hg,HPT,MCPB,MLN,MP,MRX,MTAS,MXC,Naled,Pb,PCB,PCL,PCP,PQT,PRN,PRT,P YN,RSM,RTN,SZ,TFM,THM,TVP,TXP,Zn,ZnP,As,AZ,OXD,PSM,LNR; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL

CODED(LNR,PSM,DS,24DXY,CPY,MP,Naled,Captan,MLN,OXD,MTAS,CBL,DZ,ATZ,CBF,ADC,

MOM,DMT,SZ,ZnP,RTN,RSM,MCPB,PCP,PRT).

16. Hodge, H. C., Downs, W. L., Smith, D. W., Maynard, E. A., Clayton, J. W. Jr., and Pease, H. L. (1968). Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs . *Food Cosmet.Toxicol.* 6: 171-183.

EcoReference No.: 80527

Chemical of Concern: LNR; Habitat: T; Effect Codes: ACC,MOR,GRO,BCM,CEL,BEH,REP; Rejection Code: LITE EVAL CODED(LNR). Not most sensitive

17. Hotchkiss, A. K. (2001). The Effect of Androgens and Antiandrogens on Sexual Differentiation in Male and Female Rats. *Ph.D.Thesis, North Carolina State Univ.NC* 156 p.

EcoReference No.: 96068

Chemical of Concern: LNR; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

18. Hulsen, K. and Hofte, M. (2001). The Microbial Degradation of nM-/microM Concentrations of Linuron Estimated by a Lemna minor Bioassay. *Proc.of a Symp.on Pesticide Behaviour in Soils and Water, Organized by the British Crop Protection Council, Nov.13-15, 2001, No.78, Brighton, U.K.*

EcoReference No.: 72754

Chemical of Concern: LNR; Habitat: A; Effect Codes: POP,BCM; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

19. Hulsen, K., Minne, V., Lootens, P., Vandecasteele, P., and Hofte, M. (2002). A Chlorophyll a Fluorescence-Based Lemna minor Bioassay to Monitor Microbial Degradation of Nanomolar to Micromolar Concentrations of Linuron. *Environ.Microbiol.* 4: 327-337.

EcoReference No.: 96063

Chemical of Concern: LNR; Habitat: A; Effect Codes: GRO,POP,ACC; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

20. Indyk, F. (1993). The Effect of Herbicides on the Effectivity of Hen Hatching. *Zool.Pol.* 36: 33-61.

EcoReference No.: 71392

Chemical of Concern: LNR,SZ,PAQT,BT,DQTBr; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(SZ,LNR). Study Not relevant

21. Kang, I. H., Kim, H. S., Shin, J. H., Kim, T. S., Moon, H. J., Kim, I. Y., Choi, K. S., Kil, K. S., Park, Y. I., Dong, M. S., and Han, S. Y. (2004). Comparison of Anti-Androgenic Activity of Flutamide, Vinclozolin, Procymidone, Linuron, and p, p'-DDE in Rodent 10-Day Hershberger Assay. *Toxicology* 199: 145-159.

EcoReference No.: 95478

Chemical of Concern: VCZ,LNR,DDT; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

22. Kashian, D. R. and Dodson, S. I. (2002). Effects of Common-Use Pesticides on Developmental and Reproductive Processes in Daphnia. *Toxicol.Ind.Health* 18: 225-235.

EcoReference No.: 93397

Chemical of Concern: TXP,PHTH,MBZ,MTL,24D,ACO,ACR,AMZ,CSF,CZE,DDT,DFZ,LNR; Habitat: A; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(24D,LNR),TARGET(MTL). Not most sensitive

23. Kemp, W. M., Boynton, W. R., Cunningham, J. J., Stevenson, J. C., Jones, T. W., and Means, J. C. (1985). Effects of Atrazine and Linuron on Photosynthesis and Growth of the Macrophytes, *Potamogeton perfoliatus* L. and *Myriophyllum spicatum* L. in an Estuarine Environment. *Aquat.Toxicol.*9(2/3): 190-191 (ABS) / *Mar.EnvIRON.Res.* 16: 255-280.
- EcoReference No.: 11142
Chemical of Concern: ATZ,LNR; Habitat: A; Effect Codes: PHY,SYS,GRO; Rejection Code: LITE EVAL CODED(ATZ,LNR). Not most sensitive
24. Kemp, W. M., Boynton, W. R., Stevenson, J. C., Means, J. C., Twilley, R. R., and Jones, T. W. (1984). Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance. *Final Rep., U.S.EPA, Annapolis, MD* 202 p.
- EcoReference No.: 69627
Chemical of Concern: ATZ,LNR; Habitat: A; Effect Codes: POP,PHY,SYS,GRO,BCM; Rejection Code: LITE EVAL CODED(LNR,ATZ). Not most sensitive
25. Kersting, K. and Van Wijngaarden, R. P. A. (1999). Effects of a Pulsed Treatment with the Herbicide Aflalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism. *Environ.Toxicol.Chem.* 18: 2859-2865.
- EcoReference No.: 50916
Chemical of Concern: LNR; Habitat: A; Effect Codes: PRS,BCM; Rejection Code: LITE EVAL CODED(LNR). Not most sensitive
26. Khalifa, M. A. S., El-Deeb, S. T., Kadous, E. A., Hassan, A., and Soliman, F. S. (1987). Herbicide-Plant Disease Relationships: Effect of Soil Herbicides on Rhizoctonia Damping-Off on Cotton Seedlings. *Med.Fac.Landbouww.Rijksuniv.Gent.* 52: 1233-1244.
- EcoReference No.: 95401
Chemical of Concern: LNR,BTL,TFN,FMU,ATZ,CZE; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(LNR),OK(ATZ). Study Not relevant
27. Khera, K. S., Whalen, C., and Trivett, G. (1978). Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats. *Toxicol.Appl.Pharmacol.* 45: 435-444.
- EcoReference No.: 88908
Chemical of Concern: MXC,LNR,MLN; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(MLN,LNR),OK(MXC). Study Not relevant
28. Kratky, B. A. and Warren, G. F. (1971). The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides. *Weed Res.* 11: 257-262.
- EcoReference No.: 40616
Chemical of Concern:
EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DMB,LNR,PQT,TRB,TFN,PYZ,NaN3,PRO;
Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(LNR,BMC,PRO,ATZ,SZ,PYZ,NaN3-aquatic),NO ENDPOINT(BMC,BS,SZ-terrestrial,DMB),NO ENDPOINT,NO CONTROL(24DXY). Study Not relevant
29. Lambright, C., Ostby, J., Bobseine, K., Wilson, V., Hotchkiss, A. K., Mann, P. C., and Gray, L. E. Jr. (2000). Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produces Reproductive Malformations in Male Rats. *Toxicol.Sci* 56: 389-399.
- EcoReference No.: 95477
Chemical of Concern: LNR,VCZ; Habitat: T; Effect Codes: GRO,BCM,CEL; Rejection Code:

LITE EVAL CODED(LNR). Study Not relevant

30. Lawrence, J. M. (1965). Graphic Presentation of Aquatic Herbicide Data. *Proc.South.Weed Conf.* 18: 568-573.

EcoReference No.: 14132

Chemical of Concern: PAQT,LNR,SZ; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(SZ,LNR). Not most sensitive

31. Leach, S. S., Murdoch, C. W., and Gordon, C. (1991). Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine. *Am.Potato J.* 68 : 269-278.

EcoReference No.: 95693

Chemical of Concern: LNR,MBZ,PAQT; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

32. Martins, J., Soares, M. L., Saker, M. L., OlivaTeles, L., and Vasconcelos, V. M. (2007). Phototactic Behavior in *Daphnia magna* Straus as an Indicator of Toxicants in the Aquatic Environment. *Ecotoxicol.Environ.Saf.* 67: 417-422.

EcoReference No.: 94072

Chemical of Concern: CTC,PAH,HgCl,AsTO,THM,HCCH,LNR,MCPA,TBTO,DMT; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(LNR),NO COC(FA),OK(THM,TBTO,DMT). Study Not relevant

33. McIntyre, B. S., Barlow, N. J., and Foster, P. M. D. (2002). Male Rats Exposed to Linuron In Utero Exhibit Permanent Changes in Anogenital Distance, Nipple Retention, and Epididymal Malformations that Result in Subsequent Testicular Atrophy. *Toxicol.Sci.* 65: 62-70.

EcoReference No.: 68449

Chemical of Concern: LNR; Habitat: T; Effect Codes: GRO,REP,CEL; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

34. McIntyre, B. S., Barlow, N. J., Sar, M., Wallace, D. G., and Foster, P. M. D. (2002). Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development. *Reprod.Toxicol.* 16: 131-139.

EcoReference No.: 72467

Chemical of Concern: LNR; Habitat: T; Effect Codes: BCM,REP,GRO,CEL; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

35. McIntyre, B. S., Barlow, N. J., Wallace, D. G., Maness, S. C., Gaido, K. W., and Foster, P. M. D. (2000). Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male Crl:CD(SD)BR Rat. *Toxicol.Appl.Pharmacol.* 167: 87-99.

EcoReference No.: 68642

Chemical of Concern: LNR; Habitat: T; Effect Codes: CEL,POP,GRO,BEH,REP,MOR; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

36. Nalecz-Jawecki, G., Kucharczyk, E., and Sawicki, J. (2002). The Sensitivity of Protozoan *Spirostomum ambiguum* to Selected Pesticides. *Fresenius Environ.Bull.* 11: 98-101.

EcoReference No.: 69821

Chemical of Concern:

ACYP,DM,PRM,HCCH,CBL,MOM,MLN,Captan,LNR,GYP,PDM,BT,DMB,DDVP,THM,DOD,IPD, TPE,PDM,PCH,24D,MCPA; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,MOM,DMB,Captan,24D,LNR). Study Not relevant

37. Owens, W., Gray, L. E. Jr., Zeiger, E., Walker, M., Yamasaki, K., Ashby, J., and Jacob, E. (2007). The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies. *Environ.Health Perspect.* 115: 671-678.

EcoReference No.: 93804

Chemical of Concern: TBL,VCZ,LNR,DDT; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

38. Palmer, J. S. and Radeleff, R. D. (1969). The Toxicity of Some Organic Herbicides to Cattle, Sheep, and Chickens. *Production Research Rep.No.106, U.S.Dep Agriculture, Agricultural Research Service, Washington, DC.*

EcoReference No.: 80737

Chemical of Concern:

24DXY,PPA,MCPA,LNR,DU,TRL,ATZ,SZ,PRO,PPZ,DMB,BMC,DBN,PCLK; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: LITE EVAL CODED(PRO,LNR),NO ENDPOINT,NO CONTROL(ATZ,SZ),OK(PPA,MCPA,DU,TRL,PRO,PPZ,DMB,BMC,DBN,PCLK),NO COC(24DXYEE). Study Not relevant

39. Roloff, B. D., Belluck, D. A., and Meisner, L. F. (1992). Cytogenetic Studies of Herbicide Interactions In Vitro and In Vivo Using Atrazine and Linuron. *Arch.Environ.Contam.Toxicol.* 22: 267-271.

EcoReference No.: 78659

Chemical of Concern: ATZ,LNR; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: LITE EVAL CODED(ATZ,LNR). Study Not relevant

40. Roslycky, E. B. (1980). Fungicidal Activity of Vorlex and Accumulation of Linuron in a Vorlex-Linuron Treated Soil. *Can.J.Soil Sci.* 60: 651-656.

EcoReference No.: 93636

Chemical of Concern: LNR,DDMITC; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(LNR),NO ENDPOINT(DDMITC). Study Not relevant

41. Scassellati-Sforzolini, G., Moretti, M., Villarini, M., Monarca, S., Fatigoni, C., and Pasquini, R. (1994). In Vivo Studies on Enzymatic Induction Activity of Linuron. *J.Environ.Pathol.Toxicol.Oncol.* 13: 11-17.

EcoReference No.: 95697

Chemical of Concern: LNR; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

42. Scassellati-Sforzolini, G., Pasquini, R., Moretti, M., Villarini, M., Fatigoni, C., Dolara, P., Monarca, S., Caderni, G., Kuchenmeister, F., Schmezer, P., and Pool-Zobel, B. L. (1997). In Vivo Studies on Genotoxicity of Pure and Commercial Linuron. *Mutat.Res.* 390: 207-221.

EcoReference No.: 95476

Chemical of Concern: LNR; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

43. Schoket, B. and Vincze, I. (1985). Induction of Rat Hepatic Drug Metabolizing Enzymes by Substituted Urea Herbicides. *Acta Pharmacol.Toxicol.* 56: 283-288.

EcoReference No.: 95111

Chemical of Concern: DU,LNR,BAP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(LNR),OK(DU),NO COC(PYR). Study Not relevant

44. Seiler, J. P. (1977). Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous

Pesticides. *Mutat.Res.* 48: 225-236.

EcoReference No.: 88676

Chemical of Concern:

FTT,PZM,DU,BMY,ANTU,ACP,ADC,CBL,CBF,DMT,Maneb,ETU,FMU,MOM,PPX,LNR;

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

CODED(CBL,ETU,Maneb,DMT,LNR),NO ENDPOINT(MOM),OK(CBF),NO COC(MTAS),NO BACTERIA(PZM,DU,ACP,ADC). Study Not relevant

45. Slijkerman, D. M. E., Moreira-Santos, M., Jak, R. G., Ribeiro, R., Soares, A. M. V. M., and Van Straalen, N. M. (2005). Functional and Structural Impact of Linuron on a Freshwater Community of Primary Producers: The Use of Immobilized Algae. *Environ.Toxicol.Chem.* 24: 2477-2485.

EcoReference No.: 95475

Chemical of Concern: LNR; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(LNR). Not most sensitive

46. Snel, J. F. H., Vos, J. H., Gylstra, R., and Brock, T. C. M. (1998). Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants. *Aquat.Ecol.* 32: 113-123 .

EcoReference No.: 72828

Chemical of Concern: LNR; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

47. Tierney, K. B., Ross, P. S., and Kennedy, C. J. (2007). Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids. *Toxicology* 231: 175-187.

EcoReference No.: 90046

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

48. Turner, K. J., McIntyre, B. S., Phillips, S. L., Barlow, N. J., Bowman, C. J., and Foster, P. M. D. (2003). Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron. *Toxicol.Sci.* 74: 114-128.

EcoReference No.: 95473

Chemical of Concern: LNR; Habitat: T; Effect Codes: CEL,REP,GRO; Rejection Code: LITE EVAL CODED(LNR). Study Not relevant

49. Van den Brink, P. J. (2002). Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems. *Ph.D.Thesis.Wageningen Univ.Netherlands* 178 p.(NTIS/PB2002103713).

EcoReference No.: 96385

Chemical of Concern: LNR,CPY,CBD; Habitat: A; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(LNR),OK(CPY). Not most sensitive

50. Van den Brink, P. J., Hartgers, E. M., Fettweis, U., Crum, S. J. H., Van Donk, E., and Brock, T. C. M. (1997). Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers. *Ecotoxicol.Environ.Saf.* 38: 13-24.

EcoReference No.: 18629

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

51. Van der Gulik, J. and Springett, J. A. (1980). The Effect of Commonly Used Biocides on Slugs. *Proc.N.Z.Weed*

Pest Control Conf. 33: 225-229.

EcoReference No.: 79821

Chemical of Concern:

PCH,PCL,MCPA,PAQT,MBZ,LNR,24DXY,ACR,PRT,MP,MOM,MTM,HCCH,DZM,TPM,TPE,DIN
O,Maneb,CBD,CBL,Captan,CAP,BMY,THM,DDT,PZM; Habitat: T; Effect Codes: MOR;
Rejection Code: LITE EVAL CODED(MOM,PZM,24DXY,LNR),OK(ALL CHEMS),NO
ENDPOINT(MP). Study Not relevant

52. Van Geest, G. J., Zwaardemaker, N. G., Van Wijngaarden, R. P. A., and Cuppen, J. G. M. (1999). Effects of a Pulsed Treatment with the Herbicide Afalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses. *Environ.Toxicol.Chem.* 18: 2866-2874.

EcoReference No.: 55087

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

53. Wyss, G. S., Charudattan, R., Rosskopf, 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:

DCF,EPTC,OXF,PAQT,CLT,TFN,NPM,PDM,AMTR,PRM,NPP,MBZ,IZT,IPD,VCZ,BMY,DMT,M
LN,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),OK(ATZ,SZ,IZP,DCPA,SXD,MTL,BS,DU,CYR,MLN,DMT),TARGET(FSTL,
CTN,CuOH,MZB,Maneb). Study Not relevant

54. Wyss, G. S. and Muller-Scharer, H. (2001). Effects of Selected Herbicides on the Germination and Infection Process of *Puccinia lagenophora*, a Biocontrol Pathogen of *Senecio vulgaris*. *Biol.Control* 20: 160-166.

EcoReference No.: 83212

Chemical of Concern: MCPPI,24D,LNR,GYP; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(LNR),OK(24D,MCPPI),NO ENDPOINT(GYP). Study Not relevant

Acceptable for ECOTOX but not OPP - Studies Not relevant

1. Abou-Waly, H. and Shabana, E. F. (1993). Recovery of *Nostoc muscorum* Previously Exposed to Some Triazine and Phenylurea Herbicides. *Bull.Environ.Contam.Toxicol.* 50: 665-673.

EcoReference No.: 6958

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

2. Adigun, J. A., Lagoke, S. T. O., and Karikari, S. K. (1991). Chemical Weed Control in Irrigated Sweet Pepper (*Capsicum annum* L.). *Trop.Pest Manag.* 37: 155-158.

EcoReference No.: 73541

Chemical of Concern: MTL,PDM,ACR,LNR,PHTH; Habitat: T; Effect Codes: POP,GRO;
Rejection Code: NO MIXTURE(ACR,PDM,TARGET-MTL,LNR).

3. Anfossi, P., Roncada, P., Stracciari, G. L., Montana, M., Pasqualucci, C., and Montesissa, C. (1993). Toxicokinetics and Metabolism of Linuron in Rabbit: In Vivo and In Vitro Studies. *Xenobiotica* 23: 1113-1123.

EcoReference No.: 95801

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

4. Backhaus, R., Beneke, T., and Schwippert, W. (1984). Side Effects of Herbicides on the Mobility of Snails and Earthworms: Uptake and Site of Action. *Meded.Fac.Landbouwwet.Univ.Gent* 49: 1033-1039.

EcoReference No.: 91691

Chemical of Concern: PZM,CPP,CYC,PHMD,DDP,PPN,LNR,DU; Habitat: AT; Effect Codes: ACC,BCM,BEH; Rejection Code: NO ENDPOINT(PZM,PHMD,LNR).

5. Bakalivanov, D. and Hlebarova, S. (1977). Relationship Between Soil Microflora and Afalon and Patoran Herbicides Under Fertilizer Application. *Acta.Phytopathol.Acad.Sci.Hung* 12: 101-108.

EcoReference No.: 95434

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

6. Baruah, K., Sharma, B. B., Khan, E., and Gaur, H. S. (1988). Relation Between Weed Density and Nematode Populations in Citrus Nursery. *Indian J.Nematol.* 18: 150-152.

EcoReference No.: 95435

Chemical of Concern: LNR,DU,ACR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(LNR,DU,ACR).

7. Batiuk, R. A. (1985). A Study of the Sublethal Effects of the Herbicide Linuron on the Submerged Aquatic Plant Vallisneria americana L. (Toxicology, Chesapeake Bay, Estuary). *M.S.Thesis, The American, Univ.* 74 p.

Chemical of Concern: LNR; Habitat: A; Rejection Code: NO ABSTRACT(LNR).

8. Braunbeck, T. (1994). Detection of Environmentally Relevant Concentrations of Toxic Organic Compounds Using Histological and Cytological Parameters: Substance-Specificity in the Reaction of Rainbow Trout Liver? In: R.Muller and R.Lloyd (Eds.), *Sublethal and Chronic Effects of Pollutants on Freshwater Fish, Chapter 2, Fishing News Books, London* 15-29.

EcoReference No.: 18554

Chemical of Concern: ATZ,DS,DZ,LNR,ES; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(LNR,DS,ATZ,DZ).

9. Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms Microcystis (Diplocystis) aeruginosa and Scenedesmus quadricauda. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).

EcoReference No.: 15134

Chemical of Concern:

Be,Cd,Ag,CuS,Ni,SFL,HgCl₂,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FUR,NBZ,PHTH,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,NaCr,Cu,BZO,As,Se,AMSV,NaBr,NaID,C8OH,DCB; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

10. Brown, R. M. (1974). Testing Various Herbicides, Including Diphenamid and Propham, for Weed Control in Seedbeds of Sitka Spruce (Picea sitchensis Bong.Carr.). *Proc.Br.Weed Control Conf.* 12: 255-264.

EcoReference No.: 41147

Chemical of Concern: ACR,LNR,PYZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK

TARGET(PYZ),NO ENDPOINT,NO CONTROL(LNR).

11. Bruggemann, R., Schwaiger, J., and Negele, R. D. (1995). Applying Hasse Diagram Technique for the Evaluation of Toxicological Fish Tests. *Chemosphere* 30: 1767-1780.

EcoReference No.: 16035

Chemical of Concern: ATZ,LNR,CBZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO CONTROL(ATZ,LNR,CBZ).

12. Burnside, O. C. and Carlson, D. R. (1983). Weed Control in a Low-Till Oat-Soybean Rotation. *Weed Sci.* 31: 853-856.

EcoReference No.: 40988

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

13. Chow, P. N. P. (1978). Selectivity and Site of Action in Relation to Field Performance of Diclofop. *Weed Sci.* 26: 352-358.

EcoReference No.: 43320

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

14. Cook, J. C., Kaplan, A. M., Davis, L. G., and O'Connor, J. C. (1997). Development of a Tier I Screening Battery for Detecting Endocrine-Active Compounds (EACs). *Regul.Toxicol.Pharmacol.* 26: 60-68.

EcoReference No.: 96460; Habitat: T; Effect Codes: GRO,CEL,BCM; Rejection Code: NO COC(LNR).

15. Crowley, R. H., Teem, D. H., Buchanan, G. A., and Hoveland, C. S. (1979). Responses of Ipomoea spp. and Cassia spp. to Preemergence Applied Herbicides. *Weed Sci.* 27: 531-535.

EcoReference No.: 41464

Chemical of Concern: ATZ,DU,DMM,ACR,LNR,MBZ,NFZ,PMT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).

16. Crum, S. J. H., Van Kammen-Polman, A. M. M., and Leistra, M. (1999). Sorption of Nine Pesticides to Three Aquatic Macrophytes. *Arch.Environ.Contam.Toxicol.* 37: 310-316.

EcoReference No.: 20580

Chemical of Concern: CPY,LNR; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,CPY).

17. Cullimore, D. R. (1975). The In Vitro Sensitivity of Some Species of Chlorophyceae to a Selected Range of Herbicides. *Weed Res.* 15: 401-406.

EcoReference No.: 4871

Chemical of Concern: DU,LNR,PAQT,24DXY,BMC,BMN,DBN,DMB,PCL; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

18. DaSilva, E. J., Henriksson, L. E., and Henriksson, E. (1975). Effect of Pesticides on Blue-Green Algae and Nitrogen-Fixation. *Arch.Environ.Contam.Toxicol.* 3: 193-204.

EcoReference No.: 7753

Chemical of Concern: LNR,MLN,PQT; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT(MLN),NO ENDPOINT,NO CONTROL(LNR).

19. Dunachie, J. F. and Fletcher, W. W. (1967). Effect of Some Herbicides on the Hatching Rate of Hen's Eggs. *Nature* 215: 1406-1407.
- EcoReference No.: 61479
Chemical of Concern: ATZ, CPP, MCPPI, DMB, 24D, LNR, MCPA, MCPB, DPP1, SZ, BMN, PAQT, PCP;
Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).
20. Dunachie, J. F. and Fletcher, W. W. (1970). The Toxicity of Certain Herbicides to Hens' Eggs Assessed by the Egg-Injection Technique. *Ann.Appl.Biol.* 66: 515-520.
- EcoReference No.: 81159
Chemical of Concern:
ATZ, BMN, DMB, DPP1, DQTBr, LNR, MCPA, MCPB, MCPPI, PAQT, PCP, SZ, 24DXY; Habitat: T;
Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).
21. DuPont Chem. (1992). Initial Submission: Acute Oral Toxicity of Linuron and Chlorimuron Ethyl Mixture in Rats with Cover Letter Dated 082092. *EPA/OTS Doc.#88-920008502* 34 p. (NTIS/OTS 0570784).
- EcoReference No.: 96895
Chemical of Concern: LNR; Habitat: T; Effect Codes: MOR, GRO, PHY; Rejection Code: NO CONTROL(LNR).
22. DuPont Chem. (1992). Initial Submission: Acute Oral Toxicity of Urea, N'-(3,4-Dichlorophenyl)-N-Methoxy-N-Methyl in Rats with Cover Letter Dated 082092. *EPA/OTS Doc.#88-920008563* 30 p. (NTIS/OTS 0570851).
- EcoReference No.: 96897
Chemical of Concern: LNR; Habitat: T; Effect Codes: MOR, PHY, GRO; Rejection Code: NO CONTROL(LNR).
23. DuPont Chem. Company (1992). Initial Submission: Median Lethal Dose (LD50) of INR 8260-2 in Rats with Cover Letter Dated 082092. *EPA/OTS Doc.#88-920008283* 19 p. (NTIS/OTS 0546186).
- EcoReference No.: 96905
Chemical of Concern: LNR; Habitat: T; Effect Codes: MOR, PHY; Rejection Code: NO CONTROL(LNR).
24. E.I. Du Pont De Nemours & Company (1992). Initial Submission: Acute Oral Toxicity (LD50) Study of INU-7127-1 60% Formulation in Rats with Cover Letter Dated 08/20/92. *EPA/OTS Doc.#88-920008642* 33 p. (NTIS/OTS 0555140).
- EcoReference No.: 96901
Chemical of Concern: LNR; Habitat: T; Effect Codes: PHY, MOR, GRO; Rejection Code: NO CONTROL(LNR).
25. E.I. Du Pont De Nemours & Company (1992). Initial Submission: Letter from E I Dupont De Nemours & Co Submitting Information on Acute Oral Toxicity Study with Inw 9611-1 in Male and Female Rats with Attachments. *EPA/OTS Doc.#88-920004241* 7 p. (NTIS/OTS 0540589).
- EcoReference No.: 96899
Chemical of Concern: LNR; Habitat: T; Effect Codes: MOR, PHY; Rejection Code: NO CONTROL(LNR).
26. Eastin, E. F. (1973). Control of Problem Weeds in Texas Soybeans. *Proc.South.Weed Sci.Soc.* 26: 67-73.
- EcoReference No.: 40892

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

27. Eli Lilly & Company (1992). Initial Submission: Acute Rat Oral Study with Ethalfuralin and Linuron with Cover Letter Dated 080392. *EPA/OTS Doc.#88-920005947* 10 p. (NTIS/OTS 0544604).

EcoReference No.: 96896

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

28. Eli Lilly & Company (1992). Initial Submission: Acute Rat Oral Study with Ethalfuralin with Cover Letter Dated 080392. *EPA/OTS Doc.#88-920005946* 10 p. (NTIS/OTS 0544603).

EcoReference No.: 96898

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

29. Elliott, R. H., Cmiralova, D., and Wellington, W. G. (1979). Olfactory Repellency of Herbicides to Foraging Honey Bees (Hymenoptera, Apidae). *Can.Entomol.* 111: 1131-1135.

EcoReference No.: 95800

Chemical of Concern: 24DB,LNR,24D,PCL,PAQT; Habitat: T; Effect Codes: BEH,REP,MOR; Rejection Code: NO ENDPOINT(LNR,24D).

30. Elmore, L. L., Hamilton, W. D., Johnson, E., and Kretchun, T. (1972). Ground Cover Species Tolerance to Herbicide Application. *Calif.Agric.* 26: 3-4.

EcoReference No.: 41867

Chemical of Concern: 24DXY,BMN,LNR,MCPP1; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(24DXY,BMN,MCPP1),NO ENDPOINT,NO CONTROL(LNR).

31. EPA/OTS (1986). Primary Skin Irritation and Sensitization Test with Attachment and Cover Sheet Dated 061289 (Sanitized). *EPA/OTS Doc.#86-890000884s* 8 p. (NTIS/OTS 0520323).

EcoReference No.: 96923

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

32. Fabacher, D. L. and Chambers, H. (1974). Resistance to Herbicides in Insecticide-Resistant Mosquitofish, *Gambusia affinis*. *Environ.Lett.* 7: 15-20.

EcoReference No.: 946

Chemical of Concern: 24DXY,DU,LNR,MLT,PMT,TFN,VNT,PPN,NPM,FMU; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(MLT),NO ENDPOINT,NO CONTROL(LNR,24DXY).

33. Falk, H. F., Negele, R. D., and Goerlich, R. (1990). Phagocytosis Activity as an In Vitro Test for the Effects of Chronic Exposure of Rainbow Trout to Linuron, a Herbicide. *J.Appl.Ichthyol.* 6: 231-236.

EcoReference No.: 95412

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

34. Fenster, C. R. and Wicks, G. A. (1971). Weed Control in Field Beans in Nebraska. *Proc.North Central Weed Control Conf.* 26: 50-52.

EcoReference No.: 40645

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

35. Francis, B. M., Lampman, R. L., and Metcalf, R. L. (1985). Model Ecosystem Studies of the Environmental Fate of Five Herbicides Used in Conservation Tillage. *Arch. Environ. Contam. Toxicol.* 14: 693-704.

EcoReference No.: 49310

Chemical of Concern: ACR,ATZ,LNR,OYZ,PAQT; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).

36. Frans, R., Corbin, B., Johnson, D., and McClelland, M. (1987). Herbicide Field Evaluation Trials on Field Crops, 1986. *Ark. Agric. Exp. Stn., Res. Ser. 354, Univ. of Ark, Fayetteville, AK* 92 p.

EcoReference No.: 31036

Chemical of Concern:

ACF,ACR,ATZ,BFL,BT,BMN,CRM,CLT,CZE,DMB,DU,EFL,FNP,FZF,PQT,FMU,FSF,HFP,IMQ,IZT,LCF,LNR,MTZ,MTL,NPM,NFZ,OXF,PDM,IMQ,PMT,QZF,TFN,24D,24DB,SXD; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(EFFICACY-ATZ,DMB,DU,FNP,FSF,LCF,LNR,MTL,OXF,24D,SXD).

37. Frans, R., McClelland, M., Smith, C., and Jordan, D. (1993). Herbicide Trials on Field Crops, 1992. *Ark. Agric. Exp. Stn. Res. Ser.* 427: 1-63.

EcoReference No.: 73962

Chemical of Concern:

PYD,PMT,PMD,PAQT,OXF,NFZ,MTL,CMZ,SYD,TFN,24DXY,24BF,QZF,ACF,CZE,ACR,DU,ATZ,FZFP,BT,,BMN,FMY,CRM,FSF,CLT,IMQ,IZT,LCF,FNP,MTZ,MBZ,MSMA,NSF; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO COC(LNR),OK(ALL CHEMS).

38. Frans, R. E., McClelland, M., and Terhune, E. (1980). Herbicide Field Trials on Field Crops, 1979. *Mimeogr. Ser. 280, Ark. Agric. Exp. Stn., Univ. of Arkansas, Fayetteville, AR* 66 p.

EcoReference No.: 96750

Chemical of Concern:

ACR,ACO,MFD,NPM,BMN,PQT,PMT,DU,CZE,TFN,PDM,NFZ,OYZ,FMU,MTL,BMN,BT,ACF,MTZ,GYP,LNR,VNT,BBZ,OXF,BTY,24D,DMB,PPZ,ATZ,PCH; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(EFFICACY-MFD,DU,NFZ,OYZ,MTL,GYP,LNR,OXF,24D,ATZ),TARGET(ACO).

39. Gaines, T. B. and Linder, R. E. (1986). Acute Toxicity of Pesticides in Adult and Weanling Rats. *Fundam. Appl. Toxicol.* 7: 299-308.

EcoReference No.: 71303

Chemical of Concern:

DDT,PRN,PNB,TFN,TCMTB,SZ,RSM,PYZ,PPZ,PRO,ACP,MTM,MDT,CCA,DSMA,MSMA,CBF,CYC,MOM,AMTR,AMTL,ATZ,BMC, Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

40. Garrett, H. J. and Orson, J. H. (1989). Depth and Date of Emergence Volunteer Oilseed Rape (*Brassica napus* L.) and Its Control with Herbicides Used in Peas, Beans, Potatoes and Sugar Beet. *In: Br. Crop Prot. Counc., Crop Protection Conference: Weeds, Volumes 1-3, Nov. 20-23, 1989, Br. Crop Prot. Counc., Surrey, England* 811-816.

EcoReference No.: 70640

Chemical of Concern: SZ,PHMD,MBZ,LNR,PDM,BT,CZE,MCPA,MCPB; Habitat: T; Effect

Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(PHMD),OK(BT,MBZ),NO ENDPOINT(SZ,PDM,CZE,MCPA,TARGET-MCPB,LNR).

41. 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; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT,NO CONTROL(LNR).

42. Godin, C. S., He, J., Drerup, J. M., and Wyman, J. (1995). Effect of Propylene Glycol 1,2-Dinitrate on Cerebral Blood Flow in Rats: a Potential Biomarker for Vascular Headache? *Toxicol.Lett.* 75: 59-68.

EcoReference No.: 95509; Habitat: T; Effect Codes: PHY; Rejection Code: NO COC(LNR).

43. Grant, N. T., Prusinkiewicz, E., Makowski, R. M. D., Holmstrom-Ruddick, B., and Mortensen, K. (1990). Effect of Selected Pesticides on Survival of Colletotrichum gloeosporioides f. sp. malvae, a Bioherbicide for Round-Leaved Mallow (Malva pusilla). *Weed Technol.* 4: 701-715.

EcoReference No.: 95696

Chemical of Concern:

TDF,THM,TPM,MZB,CTN,Captan,BMY,MBZ,LNR,24DB,BT,BMN,CPR,CZE,DMB,DFP,DFQ,FNPE,IZT,DLN; Habitat: T; Effect Codes: REP,GRO; Rejection Code: NO ENDPOINT(LNR,DMB,FNPE),TARGET(TDF,MZB,CTN,Captan).

44. 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,CTHM,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

45. 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; Habitat: T; Effect Codes: GRO,POP,REP; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).

46. Guzzella, L., Rullo, S., Capri, E., Ferrari, F., Di Corcia, A., Nazzari, M., Barra Caracciolo, A., Grenni, P., and Giuliano, G. (2003). Fate and Effects of Diuron and Linuron in Field Lysimeters. *In: Proc.of the XII Symp.Pestic.Chem., Jun.4-6, 2003, Piacenza, Italy* 145-152.

EcoReference No.: 96076

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

47. Haque, A., Schuphan, I., and Ebing, W. (1982). Bioavailability of Conjugated and Soil-Bound [14C]Hydroxy-monolinuron'-beta-D-Glucoside Residues to Earthworms and Ryegrass. *Pestic.Sci.* 13: 219-228.

EcoReference No.: 37000; Habitat: T; Effect Codes: ACC; Rejection Code: NO COC(LNR).

48. Harkess, R. D. and Hope, R. A. (1974). The Control of Yorkshire Fog (Holcus lanatus L.) in Timothy Swards. *Proc.Br.Weed Control Conf.* 12: 733-736.

EcoReference No.: 40993

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

49. Hartnett, J. P. (1975). Weed Control in Soybeans with RH-2512 and RH-2915. *Proc.Northeast.Weed Sci.Soc.* 29: 4-8.

EcoReference No.: 40632

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

50. Hatfield, H. H., Warholc, 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(LNR,OYZ).

51. Heatherly, L. G., Elmore, C. D., and Spurlock, S. R. (1994). Effect of Irrigation and Weed Control Treatment on Yield and Net Return from Soybean (Glycine max). *Weed Technol.* 8: 69-76.

EcoReference No.: 74061

Chemical of Concern: MTL,GYP,ACF,LNR,MBZ,DMM,24DB,BT,PAQT,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL,TARGET(MTL,GYP).

52. Hendrich, W., Kubiak, Z., Jurajda, K., and Pawlaczyk-Szpilowa, M. (1976). Effect of Herbicides on Photosynthetic Electron Transport and on the Growth of the Alga *Scenedesmus quadricauda*. *Acta Soc.Bot.Pol.* 155: 101-110.

EcoReference No.: 62762

Chemical of Concern: 24DXY,PQT,LNR,SZ,CPP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

53. Henne, R. C. and Guest, R. T. (1974). Alachlor, Chlorbromuron, and Metribuzin for Weed Control in Potatoes. *Proc.Northeast.Weed Sci.Soc.* 28: 296-298.

EcoReference No.: 40654

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

54. Henne, R. C. and Guest, R. T. (1973). Evaluation of Six Herbicides on Carrots. *Proc.Northeast.Weed Sci.Soc.* 27: 218-220.

EcoReference No.: 41817

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

55. Hill, R. H. Jr., Rollen, Z. J., Kimbrough, R. D., Groce, D. F., and Needham, L. L. (1981). Tetrachloroazobenzene in 3,4-Dichloroaniline and Its Herbicidal Derivatives: Propanil, Diuron, Linuron, and Neburon. *Arch.Environ.Health* 36: 11-14.

EcoReference No.: 95799

Chemical of Concern: PPN,DU,LNR; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: NO ENDPOINT(LNR,DU).

56. Hogue, C. W. and Kirby, M. G. (1975). Oxidiazon for Preemergence Weed Control in Soybeans. *Proc.South.Weed Sci.Soc.* 28: 335-338.

- EcoReference No.: 41596
Chemical of Concern: DMM,ACR,LNR,MBZ; Habitat: T; Effect Codes: GRO,MOR,PHY;
Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
57. Hogue, E. J. (1968). The Effect of Linuron on ³²P and ⁴⁵Ca Uptake in Tomato and Parsnip. *Weed Sci.* 16: 185-187.
- EcoReference No.: 43991
Chemical of Concern: LNR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
58. Hogue, E. J. (1970). Molecular Structure and Herbicidal Activity of Some Substituted Ureas. *Weed Sci.* 18: 580-582.
- EcoReference No.: 41910
Chemical of Concern: DU,LNR; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
59. Hogue, E. J. and Warren, G. F. (1968). Selectivity of Linuron on Tomato and Parsnip. *Weed Sci.* 16: 51-54.
- EcoReference No.: 43610
Chemical of Concern: LNR; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
60. Holst, R. W., Yopp, J. H., and Kapusta, G. (1982). Effect of Several Pesticides on the Growth and Nitrogen Assimilation of the Azolla-anabaena Symbiosis. *Weed Sci.* 30: 54-58.
- EcoReference No.: 70299
Chemical of Concern: SZ,ATZ,LNR,MBZ,24DXY,DMB; Habitat: A; Effect Codes: POP,PHY,BCM; Rejection Code: LITE EVAL CODED(ATZ,SZ,DMB),NO ENDPOINT(LNR,24DXY).
61. Isakeit, T. and Lockwood, J. L. (1990). Increased Exudation of Carbon Compounds from ¹⁴C-Labelled Ungerminated *Cochliobolus sativus* Conidia in Response to Several Herbicides. *Mycol.Res.* 94: 857-861.
- EcoReference No.: 95636
Chemical of Concern: ATZ,LNR,TFN,MCPA,PAQT; Habitat: T; Effect Codes: BCM,REP; Rejection Code: NO ENDPOINT(ATZ,LNR).
62. Isakeit, T. S. (1988). Deleterious Effect of Atrazine on Ungerminated Conidia of *Cochliobolus sativus* in Soil. *Ph.D.Thesis, Michigan State Univ.*: 140 p.
- EcoReference No.: 95972
Chemical of Concern: PPZ,PMT,SZ,AMTR,ATZ,LNR,TFN,MCPA,PAQT,CZE,PRO; Habitat: T; Effect Codes: REP,POP,ACC; Rejection Code: NO ENDPOINT(PPZ,SZ,ATZ,LNR).
63. Ivens, G. W. and Withers, N. J. (1976). Effect of Herbicide Treatments on Three Lupin Species. *Proc.N.Z.Weed Pest Control* 29: 89-92.
- EcoReference No.: 40813
Chemical of Concern: SZ,ATZ,EFL,LNR,TFN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS),NO ENDPOINT,NO CONTROL(LNR).
64. Johnson, B. J. (1971). Response of Weeds and Soybeans to Vernolate and Other Herbicides. *Weed Sci.* 19: 372-

377.

EcoReference No.: 41863

Chemical of Concern: LNR,PMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO
ENDPOINT,NO CONTROL(LNR).

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

EcoReference No.: 70074

Chemical of Concern:

24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,
CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,D
EM,DINO,DL,DLD,DMB,DMT,DOD,DPP1,DQTB_r,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLA
C,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MCPP1MDT,MLH,M
LN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PP
N,PPX,PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,
Zineb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL
AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPP,C
PY,CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTB_r,DU,DZM,EP,EPTC,ES,FMU,F
NF,FNT,Folpet,HCCH,HPT,LNR,MCB,MCPP1,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PC
L,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO
CONTROL(ALL CHEMS).

66. 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)/No Media:Agar, No OM,pH,ERE.

67. Knauf, W. and Schulze, E. F. (1972). Long Range Effect of Sublethal Amounts of the Herbicides Linuron and Monolinuron on some Representative Water Fauna and Flora. *Schriftenr.Ver.Wasser-, Boden-, Lufthyg., Berlin-Dahlem* 37: 231-239 (GER) (OECDG Data File).

EcoReference No.: 9113

Chemical of Concern: LNR; Habitat: A; Effect Codes: BEH,GRO,MOR; Rejection Code: NO
CONTROL(LNR).

68. Kreslavsky, V. D., Kobzar, E. F., and Muzafarov, E. N. (1997). Effect of Red Radiation, Kinetin and Linuron on Growth and Ethylene Production in *Chlorella*. *Biol.Plant.* 39: 427-430.

EcoReference No.: 95508

Chemical of Concern: LNR; Habitat: A; Effect Codes: GRO,POP,BCM; Rejection Code: NO
ENDPOINT(LNR).

69. Kuratle, H. and Rahn, E. M. (1968). Weed Control in Carrots with Linuron and Prometryne. *J.Am.Soc.Hortic.Sci.* 92: 465-472.

EcoReference No.: 42904

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

70. Laatikainen, T and Heinonen-Tanski, H (2002). Mycorrhizal Growth in Pure Cultures in the Presence of Pesticides. *Microbiol.Res.* 157: 127-137.
- EcoReference No.: 93246
Chemical of Concern: TBZ,GYP,CYP,BMY,CTN,Cu,Maneb,PCZ,HXZ,LNR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(LNR,HXZ,GYP,CYP,TARGET-CTN,Cu,PCZ,Maneb).
71. Lakota, S., Raszka, A., Roszkowski, J., Hlond, S., Kozłowski, F., and Stefan, J. (1977). Examinations of the Toxicity of Diuron, Linuron, Monolinuron and Monuron for the Carp Fry in the Acute Test. *Med.Weter.* 34: 20-22 (Pol) (Eng Abs) .
- EcoReference No.: 6016
Chemical of Concern: DU,LNR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
72. Lindauer, U. (1991). Light- and Electron Microscopical Studies on the Subacute Toxicity of Linuron on Rainbow Trout (*Oncorhynchus mykiss*). *Ph.D.Thesis, Ludwig-Maximilians University, Muenchen, Germany:153 p.(GER) (ENG ABS)*.
- EcoReference No.: 17505
Chemical of Concern: LNR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(LNR).
73. Lynn, L. B., Jones, M. L., Rogers, W. E., and Shoop, G. J. (1977). Oryzalin Applied Overtop Wheat for Weed Control in Soybeans Planted in the Stubble Following Wheat Harvest. *Proc.Northeast.Weed Sci.Soc.* 31: 46-53.
- EcoReference No.: 40877
Chemical of Concern: OYZ,MBZ,LNR; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),MIXTURE(LNR,BMZ).
74. Lysak, A. and Marcinek, J. (1972). Multiple Toxic Effect of Simultaneous Action of Some Chemical Substances on Fish. *Rocz.Nauk Roln.Ser.H Rybactwo* 94: 53-63.
- EcoReference No.: 9125
Chemical of Concern: FML,TOL,AN,CBL,BNZ,LNR; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(FML,TOL,AN,CBL,BNZ,LNR).
75. Machala, M., Nezveda, K., Ulrich, R., and Matlova, L. (1993). Toxicity Potential Estimation and Biochemical Monitoring of Aromatic Contaminants by the Measurement of Monooxygenase Activities in Chick Embryo Liver. *In: M.Richardson (Ed.), Int.Symp.June 17, 1992, London, England, Ecotoxicology Monitoring, VCH Publ.Weinheim, Germany 173-182.*
- EcoReference No.: 95770
Chemical of Concern: LNR; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(LNR).
76. Marriage, P. B. and Saidak, W. J. (1974). Control of Barnyardgrass and Yellow Foxtail by Herbicides in Relation to the Sucrose Content of the Seedling Leaves. *Weed Res.* 14: 115-118.
- EcoReference No.: 41216
Chemical of Concern: ATZ,DMM,LNR,MBZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: OK(DMM,MBZ),OK TARGET(ATZ),NO ENDPOINT,NO CONTROL(LNR).
77. Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410

Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC 505 p.* (USGS Data File).

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQT C,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,M CPB,MDT,MLN,MLT,MOM,MP,MTL,NaN₃,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,C YT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MT AS,OXD,PEPPG,TBF,CPYM,FLU; 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),OK(ALL CHEMS),NO CONTROL(LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,Naled,BS,OXD,Captan ,MLN,HXZ,TBF).

78. Michieka, R. W., Ilnicki, R. D., and Justin, J. R. (1977). Weed Control in Double-Crop Soybeans with Herbicides Applied Alone and in Combination with Paraquat or Glyphosate. *Proc.Northeast.Weed Sci.Soc.* 31: 61-69.

EcoReference No.: 40649

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

79. 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(LNR,OYZ).

80. Murphy, H. J. (1974). Effect of Combinations of Chlorbromuron and Linuron with Alachlor on Yield and Weed Control in White Potatoes in Maine. *Proc.Northeast.Weed Sci.Soc.* 28: 299-302.

EcoReference No.: 41165

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

81. Murphy, H. J. and Gajewski, T. (1977). Effect of Several Herbicides Applied Preemergence, at Drag-Off and Layby on Weed Control in White Potatoes. *Proc.Northeast.Weed Sci.Soc.* 31: 176-179.

EcoReference No.: 41806

Chemical of Concern: ACR,LNR,MTL,PDM,MBZ,DMM,EPTC; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT(LNR).

82. 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(LNR,OYZ).

83. Muschinek, G., Garab, G. I., Mustardy, L. A., and Faludi-Daniel, A. (1979). The Mechanism of Linuron Phytotoxicity in Maize. *Weed Res.* 19: 101-107.

EcoReference No.: 41758

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

84. Ndahi, W. B., Russ, O. G., and Moshier, L. J. (1981). Pearl Millet Tolerance to Selected Herbicides. *Trans.Kans.Acad.Sci.* 84: 105-108.

EcoReference No.: 78602

Chemical of Concern: ATZ,PPZ,CZE,PCH,EPTC,LNR,BTY; Habitat: T; Effect Codes: PHY,GRO,POP; Rejection Code: LITE EVAL CODED(PPZ),NO MIXTURE(EPTC,BTY,TARGET-ATZ,LNR)OK(CZE,PCH).

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

EcoReference No.: 15281

Chemical of Concern:

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

86. 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).

87. Nishiuchi, Y. and Asano, K. (1979). Toxicity of Agricultural Chemicals to Some Freshwater Organisms - LIX. *The Aquiculture (Suisan Zoshoku)* 27: 48-55 (JPN) (ENG TRANSL).

EcoReference No.: 6954

Chemical of Concern:

ACP,ACR,ATZ,BMC,BT,Captan,CPY,CTN,Cu,CuOH,CuS,DMT,DU,DZ,Folpet,HCCH,LNR,MAL,MDT,MLN,MOM,PCP,PEB,PHMD,PMT,PNB,PPG,PQT,PSM,QOC,TBC,TFN,RTN,CuCl,PPZ,Zn,Ni,As,DCB,CPYM; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(LNR,PSM,CPYM,CPY,DMT,MLN,BMC,CTN,QOC,Captan,Folpet,ATZ),OK(ALL CHEMS).

88. 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,DMB,DMT,DU,DZ,HCCH,LNR,MLN,MP,PMT,PSM,SZ,24DXY,MCP B,NaPCP,PPZ,ZIRAM,PRN,ETN,DDT,DLD,MCPA; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(LNR,PSM,MLN,Captan,CTN,MP),OK(ALL CHEMS).

89. Noll, C. J. (1974). Evaluation of Eight Herbicides Alone and in Combination for Weed Control in Carrots. *Proc.Northeast.Weed.Sci.Soc.* 28: 167-171.

EcoReference No.: 40794
Chemical of Concern: LNR; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO
ENDPOINT,NO CONTROL(LNR).

90. Noll, M. and Bauer, U. (1974). Phormidium Autumnale as Indicator Organism for Algicidal Substances in Water. *U.S.EPA-OPP Registration Standard*.

EcoReference No.: 13030
Chemical of Concern: 24DXY,ATZ,DU,LNR,SZ,PAQT; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ,DU,LNR,SZ,PAQT),NO ENDPOINT,NO CONTROL(LNR,24DXY).

91. O'Brien, M. C. and Prendeville, G. N. (1979). Effect of Herbicides on Cell Membrane Permeability in Lemna minor. *Weed Res.* 19: 331-334.

EcoReference No.: 6963
Chemical of Concern: SZ,24DXY,GYP,LNR,OXF,PMT,AMTL,NaN3; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(SZ,NaN3),NO ENDPOINT(LNR,24DXY).

92. 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,MCPP1; Habitat: A; Effect Codes: GRO; Rejection Code: NO FOREIGN,NO COC(CBL),NO ENDPOINT,NO CONTROL(LNR,24DXY).

93. Ogg, A. G. Jr. (1978). Herbicides and Activated Carbon for Weed Control in Direct-Seeded Asparagus. *Weed Sci.* 26: 284-286.

EcoReference No.: 43846
Chemical of Concern: DMM,LNR; Habitat: T; Effect Codes: CEL,GRO,MOR,PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).

94. Oulmi, Y., Negele, R. D., and Braunbeck, T. (1995). Cytopathology of Liver and Kidney in Rainbow Trout *Oncorhynchus mykiss* After Long-Term Exposure to Sublethal Concentrations of Linuron. *Dis.Aquat.Org.* 21: 35-52.

EcoReference No.: 16320
Chemical of Concern: LNR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(LNR).

95. Oulmi, Y., Negele, R. D., and Braunbeck, T. (1995). Segment Specificity of the Cytological Response in Rainbow Trout (*Oncorhynchus mykiss*) Renal Tubules Following Prolonged Exposure to Sublethal Concentrations of Atrazine. *Ecotoxicol.Environ.Saf.* 32: 39-50.

EcoReference No.: 16146
Chemical of Concern: ATZ,LNR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).

96. Palmer, J. S. (1965). Toxicity of Methyluracil and Substituted Urea and Phenol Compounds to Sheep. *J.Am.Vet.Med.Assoc.* 145: 787-789.

EcoReference No.: 90540
Chemical of Concern: DU,LNR; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: NO ENDPOINT,CONTROL(LNR).

97. Parker, W. B., Thompson, L. Jr., and Godley, F. M. (1985). Integrating Sethoxydim into Soybean (*Glycine max*) Weed Management Systems. *Weed Sci.* 33: 100-108 .
- EcoReference No.: 44164
Chemical of Concern: SXD,ACR,TFN,BT,LNR,ACF; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(SXD),OK(ACR,TFN,BT,ACF),NO MIXTURE(LNR).
98. Patro, G. K., Mishra, A., and Tosh, G. C. (1970). Chemical Weed Control with Aflon and 2,4-D in Groundnut (*Arachis hypogaea* L.). *Int.J.Agric.Sci.* 40: 626-629.
- EcoReference No.: 41832
Chemical of Concern: 24DXY,LNR; Habitat: T; Effect Codes: REP,POP; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,24DXY).
99. Prescott, L. M., Kubovec, M. K., and Tryggstad, D. (1977). The Effects of Pesticides, Polychlorinated Biphenyls and Metals on the Growth and Reproduction of *Acanthamoeba castellanii*. *Bull.EnvIRON.Contam.Toxicol.* 18: 29-34.
- EcoReference No.: 7625
Chemical of Concern: SZ,ATZ,CBL,LNR,DLN,AND,Hg,Pb,PCB,CuS,Zn; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBL,ATZ,SZ,CuS),OK(ALL CHEMS),NO ENDPOINT,NO CONTROL(LNR).
100. Pyne, W. J., Szabo, S. S., and Holm, R. E. (1974). Synthesis and Herbicidal Activity of Pyrrolidinecarboxanilides. *J Agric Food* 22: 921-926.
- EcoReference No.: 41326
Chemical of Concern: PMT,LNR; Habitat: T; Effect Codes: PHY; Rejection Code: NO COC(DKGN_a),NO ENDPOINT,NO CONTROL(LNR).
101. Pyne, W. J., Szabo, S. S., and Holm, R. E. (1979). Synthesis and Herbicidal Activity of N-Alkyl-N-Propargyl-N'-Phenylureas and Related Compounds. *J.Agric.Food Chem.* 27: 537-543.
- EcoReference No.: 42835
Chemical of Concern: DU,ACR,LNR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
102. Richardson, W. G. and West, T. M. (1985). The Response of *Viola arvensis* and Winter Wheat to Various Herbicides, Pre-emergence. *Tests Agrochem.Cultiv.* 6: 150-151.
- EcoReference No.: 31239
Chemical of Concern: SZ,TRL,DMB,CPR,TFN,PHMD,LNR,MTSM,CSF,CZE; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
103. Riggs, R. D., Hamblen, M. L., and Rakes, L. (1989). Effects of Fertilizer and Pesticides on Soybean Growing in *Heterodera glycines*-Infested Soil. *J.Nematol.* 21: 635-639.
- EcoReference No.: 90787
Chemical of Concern: BMY,Maneb,LNR,TFN; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(BMY,Maneb,LNR,TFN).
104. 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(MTL,OYZ,LNR).

105. Roslycky, E. B. (1977). Response of Soil Microbiota to Selected Herbicide Treatments. *Can.J.Microbiol.* 23: 426-433.
- EcoReference No.: 95289
Chemical of Concern: PAQT,LNR,DU,ATZ,SZ; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(LNR,DU,ATZ,SZ).
106. Roslycky, E. B. (1977). Response of Soil Microflora and Certain Crops to Vorlex and Linuron. *Can.J.Soil Sci.* 57: 103-108.
- EcoReference No.: 93664
Chemical of Concern: DDMITC,LNR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(DDMITC,LNR).
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- EcoReference No.: 41166
Chemical of Concern: LNR; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(LNR).
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- 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; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO COC(CTN),NO ENDPOINT(ALL CHEMS),TARGET(MTAS).
109. Sabbioni, G. and Neumann, H.-G. (1990). Biomonitoring of Arylamines: Hemoglobin Adducts of Urea and Carbamate Pesticides. *Carcinogenesis* 11: 111-115 .
- EcoReference No.: 70005
Chemical of Concern: PNB,LNR,CPP; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: NO COC(CBL),NO CONTROL(ALL CHEMS).
110. Sanocka-Woloszyn, E. and Woloszyn, B. W. (1970). The Influence of Herbicides on the Mesofauna of the Soil. *Meded.Rijksfac.Landbouwwet.* 35: 731-738.
- EcoReference No.: 57062
Chemical of Concern: LNR,PMT; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(LNR).
111. Sanok, W. J. (1974). Evaluation of Herbicides for Control of Weeds in Long Island Potatoes-1973. *Proc.Northeast.Weed Sci.Soc.* 28: 282-286.
- EcoReference No.: 40636
Chemical of Concern: DMM,ACR,LNR,MBZ,TFN; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
112. Santelmann, P. W. and Evetts, L. (1971). Germination and Herbicide Susceptibility of Six Pigweed Species. *Weed Sci.* 19: 51-54.

- EcoReference No.: 41641
 Chemical of Concern: LNR,DU,24DB,ATZ,DMB,PAQT,FMU,PMT; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: OK(PMT),NO ENDPOINT(24DB,ATZ,DMB,PAQT,FMV),NO ENDPOINT,NO CONTROL(LNR).
113. Schiller, J. M., Indhaphun, P., and Tanomsak, S. (1979). Herbicide Phytotoxicity on Mungbean (*Vigna Radiata*) During Establishment and Early Growth. *Thai J Ag S* 12: 123-137.
- EcoReference No.: 41407
 Chemical of Concern: DMM,ACR,LNR,MBZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
114. Shafiei, T. M. and Costa, H. H. (1990). The Susceptibility and Resistance of Fry and Fingerlings of *Oreochromis mossambicus* Peters to Some Pesticides Commonly used in Sri Lanka. *J.Appl.Ichthyol.(Z.Angew.Ichthyol.)* 6: 73-80.
- EcoReference No.: 9253
 Chemical of Concern: DMT,HCCH,LNR,PAQT,PMR,ES,DCF,FNT,AND,PPN,ODZ,PIRM ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT,NO CONTROL(LNR).
115. Sieczka, J. B. (1977). The Effect of Alachlor and Linuron on Six Potato Varieties. *Proc.Northeast.Weed.Sci.Soc.* 31 : 189-193.
- EcoReference No.: 41803
 Chemical of Concern: ACR,LNR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
116. Siltanen, H. and Rosenberg, C. (1977). Residue Analyses of the Official Testing of Pesticides, 1976. *In: Pubs.of the State Inst.of Agric.Chem., Helsinki, Finland, State Inst.of Agric.Chem.* 12: 68 p.
- EcoReference No.: 94464
 Chemical of Concern: SZ,PCH,PMT,PHMD,MBZ,MTZ,MCPA,LNR,GYP,EPTC,EFS,DFQ,DPP1,CZE,CPP,BMN,TYF,TF R,CBF,IFP,Naled,BMY,CBD,CU,EPH,DCNA,DINO,TZL,ILL,MZB,Maneb,MTM,TBA,TPM,CQTC; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).
117. 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,EPTC,TRB,TFN,FS,CNR,PEB,LNR; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: OK TARGET(SZ),NO ENDPOINT,NO CONTROL(LNR).
118. Sivasubramaniam, W. and Wratten, S. D. (1995). Effects of Insecticides on the Abundance of Arthropod Predators in Carrots in Canterbury, New Zealand. *In: A.J.Popay (Ed)., Proc.48th New Zealand Plant Protection Conf.Aug .8-10, 1995, Hastings, New Zealand, New Zealand Plant Protection Society, Inc., Rotorua, New Zealand* 302-307.
- EcoReference No.: 95414
 Chemical of Concern: PRT,OZ,LNR; Habitat: T; Effect Codes: POP; Rejection Code: NO TOX DATA(LNR),TARGET(DZ,PRT).
119. 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; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ,SZ,TFN,PPZ,AMTR,AMTL,DU),NO ENDPOINT,NO CONTROL(LNR,24DXY).

120. Smith, D. T., Cooley, A. W., Mooney, D. O., and Wiese, A. F. (1972). Herbicidal Control of Volunteer Castorbean. *Weed Sci.* 20: 338-340.

EcoReference No.: 41903

Chemical of Concern: MSMA,FMU,PMT,CNT,DMB,DU,ATZ,24DXY,LNR,PPZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PPZ),OK TARGET(ATZ,DMB),OK(MSMA,FMU,PMT,CNT,DU),NO ENDPOINT,NO CONTROL(LNR,24DXY).

121. Sobti, R. C. and Kang, B. (1985). Effect of Substituted Urea Derivative, Linuron on the Chromosomes of White Rat, *Rattus norvegicus*. *CIS (Chromosome Inf.Serv.)* 39: 8-9.

EcoReference No.: 95415

Chemical of Concern: LNR; Habitat: T; Effect Codes: CEL,REP; Rejection Code: NO ENDPOINT(LNR).

122. Stephenson, R. R. and Kane, D. F. (1984). Persistence and Effects of Chemicals in Small Enclosures in Ponds. *Arch. Environ. Contam. Toxicol.* 13: 313-326.

EcoReference No.: 11658

Chemical of Concern: LNR,MP; Habitat: A; Effect Codes: BCM,POP,PHY; Rejection Code: NO CONTROL(MP),NO ENDPOINT,NO CONTROL(LNR).

123. Sund, K. A. and Nomura, N. (1963). Laboratory Evaluation of Several Herbicides. *Weed Res.* 3: 35-43.

EcoReference No.: 42840

Chemical of Concern: PNB,SZ,ATZ,DU,24DXY,DBN,DMB,LNR,PMT,AMTL,CPP,MLH,PL,NaCLO,PCP,EPTC,2CP,4NP,AMTR,PCP,DLPCP,DL,NH; Habitat: T; Effect Codes: GRO,REP,MOR; Rejection Code: LITE EVAL CODED(24DXY,ATZ,DMB,PCP),OK TARGET(SZ,DMB,PCB),NO SPECIES(PCB),NO ENDPOINT(LNR).

124. Sutton, M. W. and Wale, S. J. (1985). The Control of *Penicillium corymbiferum* on Crocus and Its Effect on Corm Production. *Plant Pathol.* 34: 566-570 .

EcoReference No.: 90846

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

125. Swanton, C. J. (1985). Control of *Teucrium canadense* L. var. *Canadense* with Herbicides. *Can.J.Plant Sci.* 65: 163-167.

EcoReference No.: 44104

Chemical of Concern: MCPP1,GYP,24DXY,AMTL,LNR,DMB,BT; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(DMB),OK(GYP),NO MIXTURE(24DXY,AMTL,BT,MCPP1),NO ENDPOINT,NO CONTROL(LNR).

126. Syversen, N. and Haarstad, K. (2005). Retention of Pesticides and Nutrients in a Vegetated Buffer

Root Zone Compared to Soil with Low Biological Activity. *Int.J.Enviroanal.Chem.* 85: 1175-1187.

EcoReference No.: 92152

Chemical of Concern: PCH,MBZ,MLX,DMT,DZ,AZ,CPP,FZN,IPD,LNR; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(DMT,DZ,AZ,TARGET-LNR).

127. Szejtli, J. (1985). Cyclodextrins in Pesticides. *Starch Starke* 37: 382-386.

EcoReference No.: 74425

Chemical of Concern: DDVP,LNR,DPDP,MP; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO COC(MLT,CTN),NO CONTROL(LNR,DDVP).

128. Takeuchi, S., Matsuda, T., Kobayashi, S., Takahashi, T., and Kojima, H. (2006). In Vitro Screening of 200 Pesticides for Agonistic Activity via Mouse Peroxisome Proliferator-Activated Receptor (PPAR)alpha and PPARgamma and Quantitative Analysis of In Vivo Induction Pathway. *Toxicol.Appl.Pharmacol.* 217: 235-244.

EcoReference No.: 89206

Chemical of Concern:

AND,HCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DFPM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,ETN,FMP,FNT,FNTH,GYP,IFP,MLN,MTM,MDT,MP,PRN,PRT,PHSL,PSM,PIRM,PFF,TBO,TVP,TCM,TCF,CYF,CYH,CYP,DM,EFX,FNV,FYT,FVL,PMR,PYN,TFT,TLM,BDC,BMY,CBL,CBD,CBF,CPP,MCB,MOM,MLT,OML,PHMD,PIM,TBC,THM,ACR,ASM,FTL,MLX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSF,DFZ,DU,LNR,PPN,AMZ,BPH,BTN,DZM,EXQ,FRM,FZN,ILL,IMC,IPD,MCPA,24DXY,PAQT,PDM,PCZ,SXD,TBAH,TPM,TDF,TFZ,TFN,TFR,VCZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: OK(ILL,PYN,DFPM),NO IN VITRO(ALL OTHER CHEMS).

129. Tamura, H., Maness, S. C., Reischmann, K., Dorman, D. C., Gray, L. E., and Gaido, K. W. (2001). Androgen Receptor Antagonism by the Organophosphate Insecticide Fenitrothion. *Toxicol.Sci.* 60: 56-62.

EcoReference No.: 95507

Chemical of Concern: FNT; Habitat: T; Effect Codes: GRO,BCM,PHY; Rejection Code: NO COC(LNR).

130. Tanaka, J. S., Romanowski, R. R. Jr., Sakuoka, R. T., and Crozier, J. A. Jr. (1974). Herbicide Evaluation Studies with Sweetcorn (*Zea mays* L.) in Hawaii. *Hawaii Agric.Exp.Stn.Res.Rep.* 194: 3-28.

EcoReference No.: 40613

Chemical of Concern: SZ,ATZ,DU,LNR,PMT,EPTC,24DXP,PCH,BTY; Habitat: T; Effect Codes: GRO,POP,PHY,MOR; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS),TARGET(24DXY),NO ENDPOINT,NO CONTROL(LNR).

131. Thomas, V. M. Jr., Buckley, L. J., Sullivan, J. D. Jr., and Ikawa, M. (1973). Effect of Herbicides on the Growth of *Chlorella* and *Bacillus* Using the Paper Disc Method. *Weed Sci.* 21: 449-474.

EcoReference No.: 67240

Chemical of Concern: ATZ,SZ,24DXY,LNR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ,SZ),NO ENDPOINT,NO CONTROL(LNR,24DXY).

132. Trenel, J. and Kuhn, R. (1982). Bewertung Wassergefährdender Stoffe im Hinblick auf Lagerung, Umschlag und Transport. *Umweltforschungsplan des Bundesministers des Innern (OECDG Data File).*

- EcoReference No.: 56394
Chemical of Concern: LNR,MP,DMT,OMT,PCP,SCA,NH,NAPH,NYP,DPDP; Habitat: A; Effect Codes: BEH,CEL; Rejection Code: NO FOREIGN(ALL CHEMS),NO CONTROL(LNR,DPDP,MP).
133. Turner, K. J., Barlow, N. J., Struve, M. F., Wallace, D. G., Gaido, K. W., Dorman, D. C., and Foster, P. M. D. (2002). Effects of In Utero Exposure to the Organophosphate Insecticide Fenitrothion on Androgen-Dependent Reproductive Development in the CrI:CD(SD)BR Rat. *Toxicol.Sci.* 68: 174-183.
- EcoReference No.: 88441
Chemical of Concern: FNT; Habitat: T; Effect Codes: POP,GRO,BEH,BCM,REP,PHY; Rejection Code: NO COC(LNR).
134. Van Birgelen, A. P. J. M. (1999). NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (Cas No. 14047-09-7) Administered by Gavage to F344 Rats and B6C3F1 Mice. *TOX65, National Toxicology Program, Research Triangle Park, NC* 124 p. (NTIS/PB99-123465).
- EcoReference No.: 94880; Habitat: T; Effect Codes: GRO,MOR,CEL,BCM,PHY; Rejection Code: NO COC(LNR).
135. Van den Berg, K. J., Van Raaij, J. A. G. M., Bragt, P. C., and Notten, W. R. F. (1991). Interactions of Halogenated Industrial Chemicals with Transthyretin and Effects on Thyroid Hormone Levels In Vivo. *Arch.Toxicol.* 65: 15-19.
- EcoReference No.: 69945
Chemical of Concern: 24DB,LNR,MLN,PNB,DDT,PCP,PL,CBZ,2CP; Habitat: T; Effect Codes: BCM; Rejection Code: OK(PCP,24DB),NO ENDPOINT(LNR,MLN,CBZ).
136. Venkataraman, G. S. and Rajyalakshmi, B. (1972). Relative Tolerance of Nitrogen-Fixing Blue-Green Algae to Pesticides. *Indian J.Agric.Sci.* 42: 119-121.
- EcoReference No.: 9206
Chemical of Concern: 24DXY,DU,LNR,PPZ; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(DU,LNR,PPZ),NO ENDPOINT,NO CONTROL(LNR,24DXY).
137. Venkataraman, G. S. and Rajyalakshmi, B. (1971). Tolerance of Blue-Green Algae to Pesticides. *Curr.Sci.* 40: 143-144.
- EcoReference No.: 9444
Chemical of Concern: 24DXY,DU,LNR,PPZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS),NO ENDPOINT,NO CONTROL(LNR,24DXY).
138. Walker, A. and Schmidt, K. T. (1974). Effects of Concentration and Time of Exposure on the Phytotoxicity of Linuron. *J.Exp.Bot.* 25: 514-520.
- EcoReference No.: 41582
Chemical of Concern: LNR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(LNR).
139. Wilski, S., Johannngmeier, U., Hertel, S., and Oettmeier, W. (2006). Herbicide Binding in Various Mutants of the Photosystem II D1 Protein of Chlamydomonas reinhardtii. *Pestic.Biochem.Physiol.* 84: 157-164.
- EcoReference No.: 86409
Chemical of Concern: PRO,BMN,PHMD,ATZ,SZ,AMTR,PMT,MBZ,LNR,DU; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: NO CONTROL(ALL CHEMS).

140. Wilson, H. P., Frey, B. L., and Belote III, J. N. (1971). Control of Annual Weeds and Grasses in Potatoes with Preemergence and Layby Herbicide Applications. *Proc.Northeast.Weed Sci.Soc.* 26: 324-328.

EcoReference No.: 41914

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

141. Wilson, V. S., Lambright, C., Furr, J., Ostby, J., Wood, C., Held, G., and Gray, L. E. Jr. (2004). Phthalate Ester-Induced Gubernacular Lesions are Associated with Reduced ins13 Gene Expression in the Fetal Rat Testis. *Toxicol.Lett.* 146: 207-215.

EcoReference No.: 95506

Chemical of Concern: VCZ,LNR; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(LNR).

142. Wojciechowska, M., Bajan, C., and Kmitowa, K. (1977). The Effects of Carbamide Herbicides, Linuron and Monolinuron, on Three Species of Entomopathogenic Fungi. I. Laboratory Studies. *Pol.Ecol.Stud.* 3: 29-42.

EcoReference No.: 95498

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

143. Worobey, B. L. and Shields, J. B. (1991). Preliminary Studies on the Bioavailability and Disposition of Bioincurred Carrot Residues of [14C] Linuron and [14C] 3,4-Dichloroaniline in Rats. *Food Addit.Contam.* 8: 193-200.

EcoReference No.: 79721

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

EXCLUDED
Papers that Excluded from ECOTOX

EXCLUDED

1. Effects of Toluene Exposure on Auditory Pathways Final Report With Cover Letter 060484. *Epa/ots; doc #40-8450019*.
Rejection Code: INHALE.
2. 1987). Studies on Side Effect on Soil Nematodes of Pesticides Used in Agroecosystems Au - Kozłowska J. *Wiad ekol* 33: 367-378.
Rejection Code: NON-ENGLISH.
3. Abo-Khatwa, N. and Hollingworth, R. M. (Pesticidal Chemicals Affecting Some Energy-Linked Functions of Rat Liver Mitochondria in Vitro. *Bull. Environ. Contam. Toxicol.*12(4): 446-454 1974.
Rejection Code: IN VITRO.
4. Accinelli, C. , Screpanti, C., and Vicari, A. (2005). Influence of Flooding on the Degradation of Linuron, Isoproturon and Metolachlor in Soil. *Agronomy for Sustainable Development*, 25 (3) pp. 401-406, 2005.
Rejection Code: FATE.
5. Achilli, G., Cellarino, G. P., Melzi D'eril, G., and Bird, S. (1995). Simultaneous Determination of 27 Phenols and Herbicides in Water by High-Performance Liquid Chromatography With Multielectrode Electrochemical Detection. *Journal of chromatography a* 697: 357-362.
Rejection Code: METHODS.
6. Adamovic, D. S., Kisgeci, J., Lukic, V., and Gasic, O. (1989). Variability of Herbicide Efficiency and Their Influence Upon Yield and Quality of Chamomile. *International symposium of heavy metals and pesticide residues in medicinal, aromatic and spice plants, novi sad, yugoslavia, may 25-28, 1988. Acta hort. (wageningen)* 0: 61-66.
Rejection Code: REVIEW.
7. Ahmed, F. A., Ghali, Y., Osman, O., and Ali, M. S. (1987). Effect of Some Herbicides on Lipid Composition and Agronomic Characters of Corn Grains. *Grasas aceites* 38: 149-153.
Rejection Code: NON-ENGLISH.
8. Akerblom, M. (1998). Methods Used for Pesticide Analysis. *Vaxtskyddsnotiser* 62: 37-40.
Rejection Code: CHEM METHODS.
9. Albanis, T. A., Danis, T. G., and Kourgia, M. K. (1994). Transportation of Pesticides in Estuaries of the Axios Loudias and Aliakmon Rivers Thermaikos Gulf Greece. *Science of the total environment* 156: 11-22.
Rejection Code: FATE.
10. Albanis, T. A. and Hela, D. G. (1995). Multi-Residue Pesticide Analysis in Environmental Water Samples Using Solid-Phase Extraction Discs and Gas Chromatography With Flame Thermionic and Mass-Selective Detection. *Journal of chromatography a* 707: 283-292.
Rejection Code: FATE, CHEM METHODS.
11. Altman, J. and Campbell, C. L. (1977). Effect of Herbicides on Plant Diseases. *Annu.Rev.Phytopathol.* 15: 361-385.
Rejection Code: REVIEW.

12. Amirov, R. M., Ignatov, V. V., Ostrovskii, D. N., and Golovleva, L. A. (1987). Effect of Pesticides on Bacterial Membranes. *Prikl biokhim mikrobiol* 23: 393-398.
Rejection Code: BACTERIA.
13. Anan'eva, N. D., Blagodatskaya, E. V., Orlinskii, D. B., and Myakshina, T. N. (1993). Assessment of Soil Ability to Self-Purification of Pesticides. *Pochvovedenie* 0: 11-15.
Rejection Code: FATE.
14. Anan'eva, N. D., Strekozov, B. P., Tyuryukanova, G. K., and Makarova, T. V. (1985). Method for Evaluating Pesticide Action on Soil Microorganisms. *Agrokimiya* 0: 86-93.
Rejection Code: NON-ENGLISH.
15. Anan-Yeva, N. D., Blagodatskaya, Y. V., Orlinskiy, D. B., and Myakshina, T. N. (1994). Evaluation of the Pesticide-Decontamination Ability of Soils. *Eurasian soil science* 26: 26-34.
Rejection Code: FATE.
16. Anderson, J. R. (1978). Pesticide Effects Non-target Soil Microorganisms. *In: I.R.Hill and S.J.L.Wright (Eds.), Pesticide Microbiology: Microbiological Aspects of Pesticide Behaviour in the Environment, Chapter 7, Acad.Press, London* 313, 501-533.
Rejection Code: REVIEW.
17. Andreoni, V. , Baggi, G., and Bernasconi, S. (1995). Microbial Degradation of Nitrogenous Xenobiotics of Environmental Concern. *Singh, v. P. (Ed.). Progress in industrial microbiology, vol. 32. Biotransformations: microbial degradation of health-risk compounds. Xvi+282p. Elsevier science publishers b.v.: Amsterdam, netherlands New york, new york, usa. Isbn 0-444-81977-0.; 0: 1-35.*
Rejection Code: FATE, BACTERIA.
18. Anon (Guidance for the Reregistration of Pesticide Products Containing Linuron as the Active Ingredient. *Govt reports announcements & index (gra&i), issue 08, 1985.*
Rejection Code: NO TOX DATA.
19. Anon (Health and Environmental Effects Profile for Linuron. *Govt reports announcements & index (gra&i), issue 04, 1988.*
Rejection Code: HUMAN HEALTH, FATE.
20. 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: NON-ENGLISH.
21. Anon (Pesticide Fact Sheet Number 28: Linuron. *Govt reports announcements & index (gra&i), issue 02, 1987.*
Rejection Code: NO TOX DATA.
22. Anon (Red Facts: Linuron. *Govt reports announcements & index (gra&i), issue 15, 1995.*
Rejection Code: NO TOX DATA.
23. Anon (Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay); 19 (9). 1985 (recd. 1986). 11-20.*
Rejection Code: NO TOX DATA.
24. Anon (Reregistration Eligibility Decision (Red): Linuron. *Govt reports announcements & index (gra&i), issue 15, 1995.*
Rejection Code: REVIEW.
25. Anon (Special Review of Certain Pesticide Products. Linuron: Position Document 1. *Govt reports*

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