

## APPENDIX E: Bibliography of ECOTOX Open Literature for Alachlor

### 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

- Akubue, P. I. and Stohs, S. J. (1993). Effect of Alachlor on the Urinary Excretion of Malondialdehyde, Formaldehyde, Acetaldehyde, and Acetone by Rats. *Bull.Environ.Contam.Toxicol.* 50: 565-571.  
EcoReference No.: 106688  
Chemical of Concern: ACR; Habitat: T; Effect Codes: PHY
- Bagchi, D., Bagchi, M., Hassoun, E. A., and Stohs, S. J. (1995). In Vitro and In Vivo Generation of Reactive Oxygen Species, DNA Damage and Lactate Dehydrogenase Leakage by Selected Pesticides. *Toxicology* 104: 129-140.  
EcoReference No.: 78777  
Chemical of Concern: ACR,EN,CHD,CPY,FNTH; Habitat: T; Effect Codes: CEL,BCM,PHY.
- Bagchi, D., Bagchi, M., Tang, L., and Stohs, S. J. (1997). Comparative In Vitro and In Vivo Protein Kinase C Activation by Selected Pesticides and Transition Metal Salts. *Toxicol.Lett.* 91: 31-37.  
EcoReference No.: 78778  
Chemical of Concern: TCDD,EN,CHD,DDT,ACR,CPY,FNTH,Cd; Habitat: T; Effect Codes: BCM.
- Bagchi, D., Bhattacharya, G., and Stohs, S. J. (1996). In Vitro and In Vivo Induction of Heat Shock (Stress) Protein (Hsp) Gene Expression by Selected Pesticides. *Toxicology* 112: 57-68.  
EcoReference No.: 78783  
Chemical of Concern: ACR,EN,CHD,CPY,FNTH; Habitat: T; Effect Codes: CEL,BCM.
- Bakalivanov, D. and Kostov, O. (1981). Soil Microbiological Assessment of Toxicity of Alkanoate, Amide and Other Herbicides. *Acta Microbiol.Acad.Sci.Hung.* 28: 141-146.  
EcoReference No.: 90511  
Chemical of Concern: 24D,MCPA,BMC,TFN,PCH; Habitat: T; Effect Codes: POP,MOR.
- Biagini, R. E., Henningsen, G. M., MacKenzie, B., Sanderson, W. T., Robertson, S., and Baumgardner, E. S. (1993). Evaluation of Acute Immunotoxicity of Alachlor in Male F344/N Rats. *Bull.Environ.Contam.Toxicol.* 50: 266-273.  
EcoReference No.: 106687  
Chemical of Concern: ACR; Habitat: T; Effect Codes: CEL,GRO,PHY.
- Black, B. D., Russin, J. S., Griffin, J. L., and Snow, J. P. (1996). Herbicide Effects on Rhizoctonia solani In Vitro and Rhizoctonia Foliar Blight of Soybean (Glycine max). *Weed Sci.* 44: 711-716.  
EcoReference No.: 97548  
Chemical of Concern: PDM,ACF,ACR,GFS,GYP,PAQT; Habitat: T; Effect Codes: GRO,POP.
- Blackburn, R. A. (1985). The Effects of Single and Joint Toxicity of Atrazine and Alachlor on Three Non-Target Aquatic Organisms. *M.S.Thesis, Univ.of Kansas, Lawrence, KS* 163 p.  
EcoReference No.: 71619  
Chemical of Concern: ATZ,ACR; Habitat: A; Effect Codes: POP,MOR,GRO.
- Bonnet, J. L., Bonnemoy, F., Dusser, M., and Bohatier, J. (2007). Assessment of the Potential Toxicity of Herbicides and Their Degradation Products to Nontarget Cells Using Two Microorganisms, the Bacteria *Vibrio fischeri* and the Ciliate *Tetrahymena pyriformis*. *Environ.Toxicol.* 22: 78-91.  
EcoReference No.: 97635  
Chemical of Concern: DCA,ACR,DU,GYP,AMPA; Habitat: A; Effect Codes: GRO,CEL.
- Bopaiah, B. M. and Rai, P. V. (1979). Effect of Four Common Herbicides on the Population of Microorganisms in Red Sandy Soil. *Plant Soil* 52: 451-452.  
EcoReference No.: 106731  
Chemical of Concern: ACR,SZ; Habitat: T; Effect Codes: POP.
- Bostian, A. L., Schmitt, D. P., and Barker, K. R. (1984). In Vitro Hatch and Survival of Heterodera glycines Affected by Alachlor and Phenamiphos. *J.Nematol.* 16: 22-26.  
EcoReference No.: 105780  
Chemical of Concern: FMP,ACR; Habitat: T; Effect Codes: POP,MOR.
- Broderius, S. J., Kahl, M. D., and Hogle, M. D. (1995). Use of Joint Toxic Response to Define the Primary Mode of Toxic Action for Diverse Industrial Organic Chemicals. *Environ.Toxicol.Chem.* 14: 1591-1605 (Author Communication Used).  
EcoReference No.: 15031  
Chemical of Concern:  
ACR,DNT,PL,4NP,2CP,OPHP,PCP,C8OH,NP,RTN,CPH,NAPH,As,BMN,CBL,DU; Habitat: A; Effect

- Codes: MOR.
- Buhl, K. J. and Faerber, N. L. (1989). Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge *Chironomus riparius*. *Arch. Environ. Contam. Toxicol.* 18: 530-536.  
EcoReference No.: 3914  
Chemical of Concern: ACR,BMN,GYP,MBZ,DMM,BTY,PCH,TRL,EPTC; Habitat: A; Effect Codes: PHY,MOR.
- Burman, D. M., Shertzer, H. G., Senft, A. P., Dalton, T. P., and Genter, M. B. (2003). Antioxidant Perturbations in the Olfactory Mucosa of Alachlor-Treated Rats. *Biochem. Pharmacol.* 66: 1707-1715.  
EcoReference No.: 80518  
Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM.
- Burpee, L. L. and Cole, H. Jr. (1978). The Influence of Alachlor, Trifluralin, and Diazinon on the Development of Endogenous Mycorrhizae in Soybeans. *Bull. Environ. Contam. Toxicol.* 19: 191-197.  
EcoReference No.: 56262  
Chemical of Concern: ACR,DZ,TFN; Habitat: T; Effect Codes: GRO,BCM,POP.
- Call, D. J., Brooke, L. T., Kent, R. J., Poirier, S. H., Knuth, M. L., Shubat, P. J., and Slick, E. J. (1984). Toxicity, Uptake, and Elimination of the Herbicides Alachlor and Dinoseb in Freshwater Fish. *J. Environ. Qual.* 13: 493-498.  
EcoReference No.: 10635  
Chemical of Concern: ACR; Habitat: A; Effect Codes: MOR,GRO,ACC.
- Cerkauskas, R. F., Verma, P. R., and McKenzie, D. L. (1986). Effects of Herbicides on In Vitro Growth and Carpogenic Germination of *Sclerotinia sclerotiorum*. *Can. J. Plant Pathol.* 8: 161-166.  
EcoReference No.: 98275  
Chemical of Concern: 24D,24DB,ACR,ATZ,BMN,CZE,DFPM,EPTC,EFL,FZFB,GYPI,MBZ,SXD,TFN;  
Habitat: T; Effect Codes: GRO,REP,POP.
- Chang, L. W., Toth, G. P., Gordon, D. A., Graham, D. W., Meier, J. R., Knapp, C. W., DeNoyelles, F. J. Jr., Campbell, S., and Lattier, D. L. (2005). Responses of Molecular Indicators of Exposure in Mesocosms: Common Carp (*Cyprinus carpio*) Exposed to the Herbicides Alachlor and Atrazine. *Environ. Toxicol. Chem.* 24: 190-197 .  
EcoReference No.: 78289  
Chemical of Concern: ATZ,ACR; Habitat: A; Effect Codes: BCM,CEL.
- Chaturvedi, A. K. (1993). Biochemical and Toxicological Studies on the Mixtures of Three Commonly-Used Herbicides in Mice. *Arch. Environ. Contam. Toxicol.* 24: 449-454.  
EcoReference No.: 95253  
Chemical of Concern: ATZ,ACR,PCL; Habitat: T; Effect Codes: BCM,GRO.
- Chaturvedi, L. D. and Agrawal, K. (1991). Physiological Responses of Fish to Rogor and Alachlor Part I. General Impact on *Heteropneustes fossilis*. *Uttar Pradesh J. Zool.* 11: 93-102.  
EcoReference No.: 4366  
Chemical of Concern: ACR,DMT; Habitat: A; Effect Codes: MOR.
- Cortet, J., Gillon, D., Joffre, R., Ourcival, J. M., and Poinot-Balaguer, N. (2002). Effects of Pesticides on Organic Matter Recycling and Microarthropods in a Maize Field: Use and Discussion of the Litterbag Methodology. *Eur. J. Soil Biol.* 38: 261-265.  
EcoReference No.: 75784  
Chemical of Concern: ATZ,ACR,CBF,FPN; Habitat: T; Effect Codes: POP.
- Das, N., Pattnaik, A. K., Senapati, A. K., and Dash, D. K. (1997). Management of Rhizosphere Nematode Population by Different Weed Control Practices in Mustard (*Brassica juncea* L.). *Environ. Ecol.* 15: 154-156.  
EcoReference No.: 40177  
Chemical of Concern: MTL,ACR,PDM,TBC,OXF; Habitat: T; Effect Codes: POP.
- Das, N., Ray, S., Jena, S. N., and Mohanty, P. K. (1998). Effect of Certain Herbicides on Weeds and Population of Root-Knot Nematode (*Meloidogyne incognita*) in Mustard. *Crop Res. (Hisar)* 16: 156-158.  
EcoReference No.: 73788  
Chemical of Concern: PDM,MTL,TBC,ACR,ANL,OXF; Habitat: T; Effect Codes: POP.
- Davidse, L. C., Gerritsma, O. C. M., and Velthuis, G. C. M. (1984). A Differential Basis of Antifungal Activity of Acylalanine Fungicides and Structurally Related Chloroacetanilide Herbicides in *Phytophthora megasperma* f. sp. *medicaginis*. *Pestic. Biochem. Physiol.* 21: 301-308.  
EcoReference No.: 80193

- Chemical of Concern: MTL,PCH,ACR,MLX; Habitat: T; Effect Codes: GRO,BCM.
- Doherty, M. A. (1997). Biochemical Toxicology of Herbicide Mixtures on *Thalassiosira weissflogii*. *Ph.D.Thesis, Univ.of Maryland College Park,MD* 276 p.  
EcoReference No.: 105925
- Chemical of Concern: IZP,GYP,ACR,ATZ,FDE; Habitat: A; Effect Codes: POP,BCM.
- Eleftherohorinos, I. G. and Dhima, K. V. (2002). Red Rice (*Oryza sativa*) Control in Rice (*O. sativa*) with Preemergence and Postemergence Herbicides. *Weed Technol.* 16: 537-540.  
EcoReference No.: 95840
- Chemical of Concern: MTL,DMM,ACR,ACO; Habitat: A; Effect Codes: POP,REP.
- Fai, P. B., Grant, A., and Reid, B. (2007). Chlorophyll a Fluorescence as a Biomarker for Rapid Toxicity Assessment. *Environ.Toxicol.Chem.* 26: 1520-1531.  
EcoReference No.: 102060
- Chemical of Concern: ATZ,DU,PQT,ACR,DFPM,MSFM; Habitat: A; Effect Codes: POP,PHY.
- Fairchild, J. F., Ruessler, D. S., and Carlson, A. R. (1998). Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and Metolachlor. *Environ.Toxicol.Chem.* 17: 1830-1834.  
EcoReference No.: 19461
- Chemical of Concern: ACR,ATZ,MBZ,MTL,DMM; Habitat: A; Effect Codes: POP.
- Fairchild, J. F., Ruessler, D. S., Haverland, P. S., and Carlson, A. R. (1997). Comparative Sensitivity of *Selenastrum capricornutum* and *Lemna minor* to Sixteen Herbicides. *Arch.Environ.Contam.Toxicol.* 32: 353-357.  
EcoReference No.: 18093
- Chemical of Concern: 24DXY,ACR,ATZ,BMN,MBZ,MTL,PAQT,SZ,DMM,TFN,EPTC,PQT; Habitat: A; Effect Codes: POP.
- Felix, H. R., Chollet, R., and Harr, J. (1988). Use of the Cell Wall-Less Alga *Dunaliella bioculata* in Herbicide Screening Tests. *Ann.Appl.Biol.* 113: 55-60.  
EcoReference No.: 13100
- Chemical of Concern:  
24DXY,ACR,ATZ,DBN,DU,GYP,NFZ,OXF,OYZ,TFN,SXD,ASM,AMTL,PAQT,NFZ,EPTC,FZFB,ACF,CSF,PQT; Habitat: A; Effect Codes: MOR,POP.
- 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.
- Gardner, W. A. and Storey, G. K. (1985). Sensitivity of *Beauveria bassiana* to Selected Herbicides. *J.Econ.Entomol.* 78: 1275-1279.  
EcoReference No.: 70790
- Chemical of Concern:  
ACF,BT,FZF,MTL,OYZ,OYF,PND,ACR,DFP,DU,GYP,MBZ,SZ,PQT,PPZ,SXD,TRB,TFN,24D; Habitat: T; Effect Codes: GRO,POP.
- 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,24D,ACR,BMC,BMN,LNR,DU,STRP; Habitat: AT; Effect Codes: GRO,PHY,BCM,POP.
- 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

- Gebel, T., Kevekordes, S., Pav, K., Edenharder, R., and Dunkelberg, H. (1997). In Vivo Genotoxicity of Selected Herbicides in the Mouse Bone-Marrow Micronucleus Test. *Arch.Toxicol.* 71: 193-197.  
EcoReference No.: 100768  
Chemical of Concern: TBZ,PDM,ACR,ATZ,GFSNH,TFN; Habitat: T; Effect Codes: CEL,MOR.
- Geiger, D. L., Poirier, S. H., Brooke, L. T., and Call, D. J. (1986). Acute Toxicities of Organic Chemicals to Fathead Minnows (*Pimephales promelas*) Volume III. *Ctr.for Lake Superior Environ.Stud., Univ.of Wisconsin-Superior, Superior, WI* 328.  
EcoReference No.: 12858  
Chemical of Concern: ACR,DU,RTN,AMSV,ETHB,DCB,PPN; Habitat: A; Effect Codes: MOR.
- Genter, M. B., Burman, D. M., Dingeldein, M. W., Clough, I., and Bolon, B. (2000). Evolution of Alachlor-Induced Nasal Neoplasms in the Long-Evans Rat. *Toxicol.Pathol.* 28: 770-781.  
EcoReference No.: 80270  
Chemical of Concern: ACR; Habitat: T; Effect Codes: CEL,PHY,BCM.
- Genter, M. B., Burman, D. M., Vijayakumar, S., Ebert, C. L., and Aronow, B. J. (2002). Genomic Analysis of Alachlor-Induced Oncogenesis in Rat Olfactory Mucosa. *Physiol.Genomics* 12: 35-45.  
EcoReference No.: 80268  
Chemical of Concern: ACR; Habitat: T; Effect Codes: CEL,BCM,PHY.
- George, S. E., Allison, J. C., Brooks, L. R., Eischen, B. T., Kohan, M. J., Warren, S. H., and King, L. C. (1998). Modulation of 2,6-Dinitrotoluene Genotoxicity by Alachlor Treatment of Fischer 344 Rats. *Environ.Molec.Mutagen.* 31: 274-281.  
EcoReference No.: 79699  
Chemical of Concern: ACR,DNT; Habitat: T; Effect Codes: BCM,CEL,GRO.
- Grossmann, K., Berghaus, R., and Retzlaff, G. (1992). Heterotrophic Plant Cell Suspension Cultures for Monitoring Biological Activity in Agrochemical Research. Comparison with Screens Using Algae, Germinating Seeds and Whole Plants. *Pestic.Sci.* 35: 283-289.  
EcoReference No.: 78497  
Chemical of Concern:  
PDM,ASM,CPP,PHMD,GFSNH,ACFNa,AZT,PMT,MBZ,BT,DU,PPN,PAQT,PHMD,MCPA,24D,ACR,SXD,DFPM,DBN,GYP,IZT,IMQ,CSF,UREA,NP; Habitat: AT; Effect Codes: GRO,POP.
- Hanioka, N., Watanabe, K., Yoda, R., and Ando, M. (2002). Effect of Alachlor on Hepatic Cytochrome P450 Enzymes in Rats. *Drug Chem.Toxicol.* 25: 25-37.  
EcoReference No.: 107575  
Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM,GRO.
- Hasegawa, R. and Ito, N. (1992). Liver Medium-Term Bioassay in Rats for Screening of Carcinogens and Modifying Factors in Hepatocarcinogenesis. *Food Chem.Toxicol.* 30: 979-992.  
EcoReference No.: 75839  
Chemical of Concern:  
TDF,VCZ,NaPP,TFN,ILL,PL,GYP,PMR,DDT,DM,DCNA,CYP,DMZ,ACR,AND,ATZ,MLN,PAH,SFZ;  
Habitat: T; Effect Codes: CEL.
- Hawxby, K., Tubea, B., Ownby, J., and Basler, E. (1977). Effects of Various Classes of Herbicides on Four Species of Algae. *Pestic.Biochem.Physiol.* 7: 203-209.  
EcoReference No.: 7485  
Chemical of Concern: 24DXY,ACR,PMT; Habitat: A; Effect Codes: GRO.
- Hayes, T. B., Case, P., Chui, S., Chung, D., Haeffele, C., Haston, K., Lee, M., Mai, V. P., Marjuoa, Y., Parker, J., and Tsui, M. (2006). Pesticide Mixtures, Endocrine Disruption, and Amphibian Declines: Are We Underestimating the Impact? *Environ.Health Perspect.* 114: 40-50.  
EcoReference No.: 85815  
Chemical of Concern: NSF,MTX,MTC,ATZ,ACR,CYF,PCZ; Habitat: A; Effect Codes: MOR,GRO,CEL,BCM.
- Heydens, W. F., Wilson, A. G. E., Kier, L. D., Lau, H., Thake, D. C., and Martens, M. A. (1999). An Evaluation of the Carcinogenic Potential of the Herbicide Alachlor4 to Man. *Hum.Exp.Toxicol.* 18: 363-391.  
EcoReference No.: 91037  
Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM,CEL.
- Howe, G. E., Gillis, R., and Mowbray, R. C. (1998). Effect of Chemical Synergy and Larval Stage on the Toxicity of Atrazine and Alachlor to Amphibian Larvae. *Environ.Toxicol.Chem.* 17: 519-525.  
EcoReference No.: 18805

- Chemical of Concern: ACR,ATZ; Habitat: A; Effect Codes: MOR,GRO.
- Hudson, R. H., Tucker, R. K., and Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resour.Publ.No.153, Fish Wildl.Serv., 2nd Edition, U.S.D.I., Washington, DC* 90 p.  
EcoReference No.: 50386  
Chemical of Concern:  
ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,BFL,BTY,Captan,CBL,CBF,CHD,CPP,CQT  
C,CPYM,CMPH,CZE,24D,DCNA,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DFZ,DINO,DLD,  
DMT,DQTB,DS,DU,ES,EDT,EN,EP,ETN,FMP,FNT,FNTH,FMU,FO,Folpet,FNF,HPT,PSM,HCCH,ML  
N,MDT,MCB,MOM,MTM,MTPN,MXC,MP,MVP,MRX,NaFA,NABAM,Naled,OXD,PMA,PNB,PPHD,  
PPX,PQT,PRN,PCP,PNB,PRT,PCL,PSM,PYT,RSM,RTN,STAR,STCH,TBF,TCDD,TFM,T1,TMP,TZL,T  
VP,TZL,THM,TXP,TCF,TFN,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR.
- Jin-Clark, Y., Anderson, T. D., and Zhu, K. Y. (2008). Effect of Alachlor and Metolachlor on Toxicity of Chlorpyrifos and Major Detoxification Enzymes in the Aquatic Midge, *Chironomus tentans* (Diptera: Chironomidae). *Arch.Environ.Contam.Toxicol.* 54: 645-652.  
EcoReference No.: 105238  
Chemical of Concern: ACR,MTL,CPY; Habitat: A; Effect Codes: BCM,MOR.
- Jordaan, E. M. and De Waele, D. (1988). Effects of Four Herbicides on the Infestation of Maize by the Nematode *Pratylenchus zeae*. *S.Afr.J.Plant Soil* 5: 165.  
EcoReference No.: 98825  
Chemical of Concern: 24D,EPTC,ACR,ATZ; Habitat: T; Effect Codes: POP,REP,GRO.
- Junghans, M., Backhaus, T., Faust, M., Scholze, M., and Grimme, L. H. (2003). Predictability of Combined Effects of Eight Chloroacetanilide Herbicides on Algal Reproduction. *Pest Manag.Sci.* 59: 1101-1110.  
EcoReference No.: 73426  
Chemical of Concern: MTL,ACR,BTC; Habitat: A; Effect Codes: POP.
- Kang, H. S., Gye, M. C., and Kim, M. K. (2005). Effects of Alachlor on Survival and Development of *Bombina orientalis* (Boulenger) Embryos. *Bull.Environ.Contam.Toxicol.* 74: 1199-1206.  
EcoReference No.: 81388  
Chemical of Concern: ACR; Habitat: A; Effect Codes: GRO,MOR.
- Kashian, D. R. (2002). Reproduction and Development in *Daphnia*: The Role of Hormones, Pesticides and Detoxification. *Ph.D.Thesis, Univ.of Wisconsin, Madison, WI* 92 p. (Publ in Part As 73376,75106).  
EcoReference No.: 82722  
Chemical of Concern: CZE,24D,AMZ,MBZ,ACR,ACO,LNR,PPB,TXP,DDT,PHTH,DFZ,MTL; Habitat: A; Effect Codes: MOR,REP,GRO,BCM,POP.
- 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.
- Khalko, S., Subhalaksmi, T., Jash, S., Bose, S., and Pan, S. (2006). Herbicidal Tolerance of *Trichoderma* spp - A Potential Biocontrol Agent of Soil Borne Plant Pathogens. *Indian J.Agric.Sci.* 76: 443-446.  
EcoReference No.: 97550  
Chemical of Concern: ACR,GYPI,BTC; Habitat: T; Effect Codes: GRO,POP.
- Lee, K. W., Raisuddin, S., Hwang, D. S., Park, H. G., Dahms, H. U., Ahn, I. Y., and Lee, J. S. (2008). Two-Generation Toxicity Study on the Copepod Model Species *Tigriopus japonicus*. *Chemosphere* 72: 1359-1365.  
EcoReference No.: 104287  
Chemical of Concern: PCB,TBT,ACR,As,CuS,ES,MLT; Habitat: A; Effect Codes: GRO,REP,MOR.
- Leslie, C., Reidy, G. F., and Stacey, N. H. (1989). Effect of Ofurace, Oxadixyl, and Alachlor on Xenobiotic Biotransformation in the Rat Liver. *Arch.Environ.Contam.Toxicol.* 18: 876-880.  
EcoReference No.: 78660  
Chemical of Concern: ACR,ODL; Habitat: T; Effect Codes: BCM.
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Chemical of Concern:  
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Chemical of Concern:  
NPM,EPTC,CPH,CPP,ASM,GFSNH,CMZ,FDE,NFZ,ACF,PAQT,CSF,FZFPB,DFPM,DMB,DBN,ATZ,PQT,ACR,BT,PDM,GYPI; Habitat: A; Effect Codes: GRO.
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EcoReference No.: 79821  
Chemical of Concern:  
PCH,PCL,MCPA,PAQT,MBZ,LNR,24DXY,ACR,PRT,MP,MOM,MTM,HCCH,DZM,TPM,TPE,DINO,  
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 Chemical of Concern: MTL,PHMD,DDP,EFS,BT,ACR,DMB,CNZ,EFL,CYC; Habitat: T; Effect Codes: POP; Rejection Code: OK(CNZ,EFL,CYC),NO MIXTURE(PHMD,DDP,EFS,BT,MTL,ACR,DMB),TARGET(MTL).
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 Chemical of Concern: MTL,CZE,ACR,ATZ,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ,MTL,ACR,PDM).
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 Chemical of Concern: MTL,ACR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT,CONTROL(MTL,ACR).
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 EcoReference No.: 41813  
 Chemical of Concern: OYZ,DMM,ACR,BT,MBZ,TBC; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ,ACR).
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 Chemical of Concern: ACR,CuS,PCP,Cd,HgCl<sub>2</sub>,ZnCl<sub>2</sub>,Pb; Habitat: A; Effect Codes: MOR,GRO,REP; Rejection Code: OK(Cd,Cl),NO CONTROL(PCP,CuS,HgCl<sub>2</sub>,ZnCl<sub>2</sub>,Pb,ACR).
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 Chemical of Concern: MTL,OYZ,NFZ,ACR,BT,ACF,FZF,TFN; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: NO MIXTURE(MTL),NO CONTROL(NFZ,ACR,OYZ).
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 EcoReference No.: 61203  
 Chemical of Concern:  
 EDT,ATZ,DU,PCL,24DXY,PAQT,PRO,PPN,DMB,LNR,ACR,AMTR,BMN,AMTL,PQT; Habitat: A; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(LNR,PRO,ATZ,DU,PPN,PQT),OK(EDT,PCL,PAQT,DMB,AMTR,BMN,AMTL),NO ENDPOINT(24DXY,ACR).
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 EcoReference No.: 81588  
 Chemical of Concern: BNS,GLU,NaCN,BZO,DPPBEE,COIL,MCRE,BCuS,DEAL,ETHB,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT (ALL CHEMS).
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 Chemical of Concern: DCPA,PMT,ACR; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(CBL),NO ENDPOINT,NO CONTROL(DCPA,PMT,ACR).
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 Chemical of Concern: ACR,CBF,MOM,CYP; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(CBF,MOM,CYP),NO ENDPOINT,NO CONTROL(ACR).
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 EcoReference No.: 25852  
 Chemical of Concern: ATZ,ACR; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).
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EcoReference No.: 78502  
Chemical of Concern: ACR,OLEA; Habitat: AT; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(ACR).
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EcoReference No.: 78501  
Chemical of Concern: ACR,OLEA; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ACR).
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Chemical of Concern: MTL,BTC,ACR,MBZ,DMM,24DXY,CPP,CSF,OXF,EPTC,ATC; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
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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(ATZ,DU,DMM,ACR,LNR,MBZ,NFZ,PMT).
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EcoReference No.: 40803  
Chemical of Concern: ATZ,ACR,PDM,24DXY,EPTC,BTY,CZE; Habitat: T; Effect Codes: POP; Rejection Code: OK(CZE),NO MIXTURE(BTY,EPTC,24DXY,ACR),NO ENDPOINT,NO CONTROL(ATZ,PDM).
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EcoReference No.: 73901  
Chemical of Concern: ATZ,ACR,MTL; Habitat: T; Effect Codes: BCM; Rejection Code: NO

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Chemical of Concern: ACR; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ACR).
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EcoReference No.: 61707  
Chemical of Concern: ATZ,ACR,MTL,MBZ,DMM; Habitat: A; Effect Codes: POP,GRO,SYS; Rejection Code: NO CONTROL(ATZ,ACR,MTL,MBZ,DMM).
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EcoReference No.: 73931  
Chemical of Concern: MTL,GYP,SXD,HFP,PCP,ATZ,ACR,BTC,DU,CPP,BSF,PAQT,CBL; Habitat: A; Effect Codes: GRO; Rejection Code: NO CONTROL(ALL CHEMS).
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EcoReference No.: 90964  
Chemical of Concern: SMM,PCP,PAQT,DU,ACR,BTC,ATZ,BSF,CPP,MBZ; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
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EcoReference No.: 13294  
Chemical of Concern: ACR,ATZ,GYP,PAQT,PQT; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ATZ),NO ENDPOINT(GYP,ACR,PQT) .
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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,L  
CF,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),TARGET(CLT,NFZ,ACR,PMT,PDM,PQT).
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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,ACR,BTY,PMT,PDM  
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Chemical of Concern: ACR; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT(ACR).

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Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM,CEL,PHY; Rejection Code: NO ENDPOINT(ACR).
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Chemical of Concern: ACR; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: NO ENDPOINT(ACR).
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Chemical of Concern: ACR; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ACR).
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EcoReference No.: 41031  
Chemical of Concern: ACR,LNR,MTL,PDM,PMT,DU,DCPA; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT,NO CONTROL(LNR,DU,DCPA,PDM,PMT,ACR).
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EcoReference No.: 98843  
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EcoReference No.: 74045  
Chemical of Concern: MTL,BT,FZFP,ACR,SXD,HFP,MFD,FZF,QZF; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(SXD,MFD,MTL,ACR).
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 Chemical of Concern: ATZ,ACR,BT,PDM,CPP,BTY,ODZ,CNR,PMT,TFN,SZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(ATZ,PDM,ACR).
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 EcoReference No.: 11433  
 Chemical of Concern: ACR,ATZ,CBF,GYP; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(ATZ,CBF),NO ENDPOINT(GYP),NO ENDPOINT,NO CONTROL(ACR).
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 Chemical of Concern: OXF,DMM,ACR,LNR,MBZ,TFN,DU; Habitat: T; Effect Codes: MOR,PHY,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OXF,LNR,DU,ACR).
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 Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(MTL,ATZ,ACR).
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 Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ,MTL,ACR).
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 EcoReference No.: 73776  
 Chemical of Concern: ACR,ATZ,BT,DMB,DU,MTL,MBZ,DMM,PDM,ACF,BFL,24DXY,EPTC,FZFB,PCL,SXD,TFN,VNT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS), TARGET(ATZ,MTL,EPTC,DU,ACR,24DXY,PDM).
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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),TARGET(Zn).
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 Chemical of Concern: ACR,MBZ,DMM,LNR,DU; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,DU,ACR).
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 EcoReference No.: 40609

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EcoReference No.: 40652  
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Chemical of Concern: SZ,ATZ,LNR,MBZ,24DXY,DMB,DU,BMY,ACR,PQT; Habitat: A; Effect Codes: POP,PHY,BCM; Rejection Code: LITE EVAL CODED(ATZ,SZ,DMB),NO ENDPOINT(LNR,24DXY,DU,BMY,ACR,PQT).
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Chemical of Concern: MTL,ACR; Habitat: T; Effect Codes: POP; Rejection Code: NO

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ENDPOINT,NO CONTROL(ATZ,ACR).
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NO ENDPOINT(SZ),NO ENDPOINT,NO CONTROL(ATZ,ACR).
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Chemical of Concern: MTL,ACR,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO  
ENDPOINT(ATZ,ACR,MTL).
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Chemical of Concern: MTL,ACR,ATZ,NFZ,CMZ,FMU,IMQ,IZT,TFN; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: NO ENDPOINT(ATZ,CMZ,MTL,NFZ,ACR).
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EcoReference No.: 99777  
Chemical of Concern: TPR,MSMA,TFN,ACR,SZ,24D,GYP,CMZ; Habitat: A; Effect Codes: POP,MOR; Rejection Code: OK(CMZ),NO REVIEW(TPR,MSMA,TFN,ACR,SZ,24D,GYP).
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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,VNT,ACR).
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EcoReference No.: 101418  
Chemical of Concern: TFN,PDM,ACO,QZFE,CPP,DU,NFZ,ACR,MTL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MTL),NO  
DURATION(TFN,PDM,ACO,QZFE,CPP,DU,NFZ,ACR).
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EcoReference No.: 100194  
Chemical of Concern: NFZ,MTL,DU,PDM,TFN,ACO,ACR; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(PMR,IXB),NO ENDPOINT,NO CONTROL(NFZ,MTL,DU,ACR),TARGET(PDM).
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Chemical of Concern: NPP,ACR,PMT; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(PMT,ACR).
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EcoReference No.: 40616  
Chemical of Concern: EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DCPA,DMB,LNR,PQT,TRB,TFN,PYZ,NaN3,PRO,O,EPTC,BSO,PPN; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(LNR,BMC,PRO,ATZ,SZ,PYZ,NaN3,PPN),NO ENDPOINT(BMC,BS,SZ,DMB,BSO,ACR,PQT),NO ENDPOINT,NO CONTROL(EPTC,24DXY,DCPA).
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Chemical of Concern: DU,OYZ,ACR,DMM; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(DU,OYZ,ACR).
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Chemical of Concern: OXF,OYZ,ACR,BT; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(OXF,OYZ,ACR).
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Chemical of Concern: ATZ,ACR,BTY; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(BTY,ACR),TARGET(ATZ).
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EcoReference No.: 87853  
Chemical of Concern: FFC,ANL,ACR,TBC,TRL,EFS; Habitat: T; Effect Codes: GRO,CEL,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
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 Chemical of Concern: ACR,CBL,ODZ,TBC,DZ,ES,BTC,GYP,FNT; Habitat: A; Effect Codes: PHY; Rejection Code: NO CONTROL(GYP,DZ,ES,FNT,ACR).
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 Chemical of Concern: BZO,PCP,24DXY,ACR; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(BZO,PCP,24DXY,ACR).
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 EcoReference No.: 61984  
 Chemical of Concern: GFS,CZE,ACO,TFN,FTS,CRME,BSFM,CLT,MTL,BMN,MTL; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GFS,FTS,CLT,MTL),OK(TFN),NO COC(MCPP1,ACR).
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 Chemical of Concern: ACR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(ACR).
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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,C  
 PY,CuS,DBN,D CPA,DCTP,DDVP,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,  
 LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OML,OYZ,PCP,PEB,PAQT,PRT,PSM,  
 Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,  
 DCB,MTAS,OXD,PEPPG,TBF,CPYM,FLU,PPG,EPTC,TBO,PFF,TMP,TVPM,BSO,ZnS,ES,TCF,FNT,B  
 MY,PPN,DCF,BTY; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL  
 CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,CuS,  
 DOD,NaN3,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO  
 CONTROL(PMR,EPTC,PPG,GYP,LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,Nal  
 ed,BS,OXD,Captan,MLN,HXZ,TBF,TBO,CMPH,PFF,TMP,TVPM,BSO,DCTP,DU,ZnS,D CPA,OML,AC  
 P,DDVP,ES,TCF,FNT,BMY,PPN,DCF,BTY,ACR,PQT).
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 EcoReference No.: 73411  
 Chemical of Concern: CRME,ACR,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(MTL),NO ENDPOINT(ATZ,ACR).
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 EcoReference No.: 41283  
 Chemical of Concern: OYZ,ACR,MTL,DFP,EFL,LNR,MCPB,MBZ,DMM,PDM,TFN,PCH ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTL),TARGET(LNR,MCPB),NO ENDPOINT(OYZ,PDM,ACR).
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 EcoReference No.: 37948  
 Chemical of Concern:

- ACP,PRN,CBL,PPX,EN,HCCH,MRX,PCP,MLN,FNF,FNT,TMP,DFZ,MTPN,FTT,ADC,CPYM,CPY,PC H,24DXY,PHMD,MXC,DMB,ACR,ATZ,TBO,GYP,OYZ,BT,MBZ,TFN,CBF,Maneb,Zineb,AND,DL D,DT,HPT,TXP,CHD,PPN,Captan; Habitat: AT; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).
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Chemical of Concern: GYP,DMM,ACR,LNR,MBZ,PDM,DU,PQT; Habitat: T; Effect Codes: PHY,POP,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,LNR,DU,PDM,ACR,PQT).
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Chemical of Concern: OYZ,DMM,ACR,LNR,MBZ,PDM,DU; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,OYZ,DU,PDM,ACR).
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Chemical of Concern: ACR,DCPA; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT,CONTROL(DCPA,ACR).
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Chemical of Concern: EPTC,MITC,Captan,TMT,ATZ,ACR,ACL; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(EPTC,MITC,Captan),NO IN VITRO(ACL,ACR,ATZ,TMT).
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Chemical of Concern: ACR,LNR,DU; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,DU).
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Chemical of Concern: ACR,LNR,MTL,PDM,MBZ,DMM,EPTC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT(LNR,DU,ACR).
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Chemical of Concern: DCPA,SZ,TFN,ACR; Habitat: T; Effect Codes: GRO,PHY,POP,REP; Rejection Code: NO ENDPOINT(DCPA,SZ,TFN,ACR).
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Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MTL,ATZ,ACR).
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Chemical of Concern: 24DXY,ACR,BMC,BS,DBN,DCPA,DU,LNR,MLT,PEB,PMT,PQT,SZ,TBC,PHMD,PYZ,CuS,PCP,PPZ,QOC,EPTC,CYA,BSO,PPN; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(QOC,BS,CYA,EPTC,LNR,24DXY,BSO,DU,DCPA,PPN,PMT,ACR,PQT).
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Chemical of Concern: ACP,ACR,ATZ,BMC,BT,Captan,CPY,CTN,Cu,CuOH,CuS,DDVP,DMT,DU,DZ,Folpet,HCCH,LNR,MA

- L,MDT,MLN,MOM,PCP,PEB,PHMD,PMT,PNB,PPG,PQT,PSM,QOC,TBC,TFN,RTN,CuCl,PPZ,Zn,Ni,As,DCB,CPYM,EPTC,Ziram,TVPM,STRP,SFR,TCF,BMY,PPN,DCF ; Habitat: A; Effect Codes: MOR; Rejection Code: NO  
CONTROL(RTN,Ziram,EPTC,PPG,LNR,PSM,CPYM,CPY,DMT,MLN,BMC,CTN,QOC,Captan,Folpet,ATZ,TVPM,DZ,DU,STRP,SFR,ACP,DDVP,TCF,BMY,PPN,DCF,PMT,ACR,PQT).
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EcoReference No.: 9158  
Chemical of Concern:  
ACR,AMTR,AND,Captan,CBL,CTN,CuOH,CuS,CZE,DCF,DDT,DDVP,DEM,DINO,DMT,DOD,DZ,EN,ES,ETN,FNT,Folpet,HCCH,MDT,MOM,MP,NPH,PAQT,PCP,PEB,PHMD,PHSL,PPN,PQT,PRN,PYN,QOC,RTN,TBC,TBT,TCF,TDE,TFN,Zineb,Ziram,Zn; Habitat: A; Effect Codes: PHY,GRO; Rejection Code: NO  
CONTROL(ACR,AMTR,AND,Captan,CBL,CTN,CuOH,CuS,CZE,DCF,DDT,DDVP,DEM,DINO,DMT,DOD,DZ,EN,ES,ETN,FNT,Folpet,HCCH,MDT,MOM,MP,NPH,PAQT,PCP,PEB,PHMD,PHSL,PPN,PQT,PRN,PYN,QOC,RTN,TBC,TBT,TCF,TDE,TFN,Zineb,Ziram,Zn).
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EcoReference No.: 73306  
Chemical of Concern: MTL,ACR; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: NO MIXTURE(MTL,ACR).
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Chemical of Concern: OYZ,MBZ,DMM,ACR,MTL; Habitat: T; Effect Codes: MOR,GRO,PHY,POP,CEL; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ,ACR),NO ENDPOINT(MBZ,DMM,MTL).
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Chemical of Concern: CLPM,MTL,ACR,NPANA,NaBT,ADC,CBL,FNF,MTAS; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT(ACR),TARGET(CLPM,MTL,ADC,CBL).
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Chemical of Concern: ACR,PMT; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(PMT,ACR).
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Chemical of Concern: ACR,ATZ,MTL; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MTL,ATZ,ACR).
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EcoReference No.: 42835

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EcoReference No.: 42824  
Chemical of Concern: GIB,ACR,PCH; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(CBL),NO ENDPOINT(GIB,PCH),NO ENDPOINT,NO CONTROL(ACR).
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EcoReference No.: 100901  
Chemical of Concern: CBF,TBO,ACR,BTY,EPTC; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(TBO,CBF),NO ENDPOINT(BTY,ACR,EPTC).
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Chemical of Concern: ACR,BTY,EPTC,CBF,TBO; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ACR,BTY,EPTC,CBF,TBO).
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EcoReference No.: 104856  
Chemical of Concern: THM,PPN,PCN,PEB,ACR,BDC,CBD,CBF,CBX,CPP,CMX,EPTC,IPD,LNR,MLX,MTL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(THM,PPN,PEB,ACR,CBD,CBF,CBX,EPTC,IPD,LNR,MLX,MTL).
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Chemical of Concern: MTL,OYZ,ACR,CZE,LNR,PAQT; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL(MTL,OYZ,LNR,ACR,PAQT).
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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,PHMD,LNR,PNB; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO COC(CTN),NO ENDPOINT(FMP,PPG,AMZ,AND,MOM,DZ,PRN,PPHD,ES,PAQT,ACR,DOD,CYX,TFN,OXF,PHMD,LNR,PNB,MTAS,PRT).
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 Chemical of Concern:  
 DOD,FRM,AMZ,PCZ,CHX,PPM,FOLPET,MLX,CBF,CBD,MTAS,DCF,Dino,CTN,SFR,CuS,THM,MZB  
 ,PPG,DZ,ES,HCCH,PRN,PRT,TBO,FNF,CPY,ADC,MOM,DFZ,HTX,OXF,ACR,PQT; Habitat: A;  
Effect Codes: MOR, BEH; Rejection Code: NO  
 ENDPOINT(AMZ,FRM,PCZ,CHX,FOLPET,PPM,MLX,CBF,CBD,DCF,Dino,CTN,SFR,CuS,THM,  
 MZB,PPG,DFZ,MOM,ADC,FNF,DCF,TBO,PRN,HCCH,ES,DZ,CPY,DOD,MTAS,PRT,ES,ACR,PQT).
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 Chemical of Concern: ACR,CSF,3THP; Habitat: T; Effect Codes: ACC,PHY,GRO; Rejection Code: NO ENDPOINT(3THP,ACR).
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 Chemical of Concern: ACR; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(ACR).
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 Chemical of Concern: DMM,ACR,LNR,MBZ,DU; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(LNR,DU,ACR).
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 Chemical of Concern: DMM,ACR,MBZ,DCPA; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT,NO CONTROL(DCPA,ACR).
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 Chemical of Concern: OYZ,ACR,MTL; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ,ACR),NO ENDPOINT(MTL).
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Chemical of Concern: DMM,ACR,MBZ,MTL,EPTC,NPP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),NO ENDPOINT(EPTC,ACR).
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EcoReference No.: 40614  
Chemical of Concern: VNT,PCH,SZ,AMTL,CPP,DCCA,DBN,TRB,TFN,FS,CNR,PEB,LNR,DU,ACR; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(SZ),NO ENDPOINT,NO CONTROL(LNR,DU,ACR).
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Chemical of Concern: ACR; Habitat: A; Effect Codes: POP,REP,CEL; Rejection Code: NO ENDPOINT,NO CONTROL(ACR).
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EcoReference No.: 98823  
Chemical of Concern: BSFM,OXF,ACR; Habitat: AT; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(OXF,ACR).
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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,TVMP,VCZ,FTL,FNZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: OK(ILL,PYN,DFPM),NO IN VITRO(ALL OTHER CHEMS).
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EcoReference No.: 72692  
Chemical of Concern: SZ,ACR,MTL,PDM,ATZ,EFS,MBZ,LNR,DU; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(SZ,ATZ,MTL,LNR,DU,ACR,PDM).
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 Chemical of Concern: MTL,ACR; Habitat: T; Effect Codes: GRO,MOR,ACC; Rejection Code: NO ENDPOINT,CONTROL(MTL,ACR).
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 EcoReference No.: 40869  
 Chemical of Concern: MTL,ATZ,ACR,BTY,CZE,PDM; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL),OK(CZE),NO MIXTURE(ACR),TARGET(ATZ),NO ENDPOINT(PDM,BTY).
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 Chemical of Concern: GYP,OYZ,ACR,DMB,TFN,PCL,PQT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,OYZ,ACR,PQT),TARGET(DMB),OK(TFN,PCL).
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 Chemical of Concern: OYZ,NPP,ACR,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(OYZ,ACR).
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 Chemical of Concern: ACR; Habitat: T; Effect Codes: MOR,PHY,POP,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(SZ,NPP,ACR,TFN,EPTC,PP,PZM,DCPA).
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 EcoReference No.: 73774  
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DBN,DMB,ASAC,ACR,ATZ,DZ,AND,AMTL,CBL,CBF,CZE,24DXY,DDT,DLD,DU,ES,EN,FMU,FNF,HPT,LNR,MXC,PRN,MBZ,MLT,MSMA,PAQT,PRT,PCL,PMT,PCH,PPZ,SZ,TXP,TFN Rejection Code: FATE.
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 Chemical of Concern:  
 24DXY,PCL,ATZ,AMTR,CZE,PRO,EDT,AND,HCCH,DDT,DLD,EN,DDVP,ACR,BMC,Captan,DS,MLN,PRN,PRT,CBL,CBF,CuS,Cu,DMB,DU,Hg,PYZ Rejection Code: REFS CHECKED/REVIEW.
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