Appendix C: Open Literature Studies Located in ECOTOX Search

The ECOTOX database is developed and maintained by EPA's National Health and Environmental Effects Research laboratory, Mid-Continent Ecology Division (MED) in Duluth, Minnesota.

Studies located using the ECOTOX database are grouped into the following three categories: Studies which are excluded from ECOTOX, studies accepted by ECOTOX but not OPP, and studies accepted by ECOTOX and OPP. Generally, studies are excluded from ECOTOX because the contain information about the chemical, but not effects data. (*e.g.*, fate studies, monitoring studies, chemical methods). Studies containing effects data are encoded into ECOTOX by trained document abstractors at MED, and this group of papers comprises the studies accepted by ECOTOX category. The final category of accepted by ECOTOX and OPP is determined using specific criteria described on the following page. Data from the category of studies accepted by ECOTOX and OPP may be used in the risk assessment. ECOTOX studies used in the assessment are listed both in this appendix and in the bibliography in the main document. Studies acceptable to ECOTOX and OPP that are not incoporated into the assessment generally either 1) produce a less sensitive endpoint than the ones used in the assessment, or 2) do not address organisms of concern for this assessment.

The ECOTOX database has been searched twice for information regarding metolachlor, once in September 2004, and again in August 2006. Papers in each category are separated by search date. The 2006 search considered data encoded following the initial search date. Data in papers located by ECOTOX includes both racemic metolachlor (PC#108801) and *s*-metolachlor (PC#108800).

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)

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.

METOLACHLOR
Papers Accepted for ECOTOX and OPP
Search October 2004

Akinyemiju, O. A. and Echendu, T. N. C. (1987). Influence of Different Tillage Methods and Pre-emergence Herbicides on Weed Control in Cowpea (Vigna unguiculata (L.) Walp.). *Crop Prot.* 6: 289-294.

EcoReference No.: 73268
Chemical of Concern: MTL,ACR
Endpoint: POP,MOR,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Al-Khatib, K., Libbey, C., and Kadir, S. (1995). Broadleaf Weed Control and Cabbage Seed Yield Following Herbicide Application. *Hortscience* 30: 1211-1214.

EcoReference No.: 73418
Chemical of Concern: MTL,TFN,PDM,OXF
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Aliyu, L. and Lagoke, S. T. O. (1995). Evaluation of Herbicides for Weed Control in Solanum aethiopicum L. (Scarlet Eggplant) at Samaru, Nigeria. *Crop Prot.* 14: 479-481.

EcoReference No.: 73936
Chemical of Concern: MTL,MBZ,LNR,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Beauvais, S. L., Atchison, G. J., Stenback, J. Z., and Crumpton, W. G. (1999). Use of Cholinesterase Activity to Monitor Exposure of Chironomus riparius (Diptera: Chironomidae) to a Pesticide Mixture in Hypoxic Wetland Mesocosms. *Hydrobiologia* 416: 163-170.

EcoReference No.: 62050
Chemical of Concern: ATZ,CPY,MTL
Endpoint: BCM; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Bellinder, R. R. and Warholic, D. T. (1988). Evaluation of Acetanilide Injury and Its Potential for Yield Reduction in Cabbage, Brassica oleracea L. *Weed Technol.* 2: 350-354.

EcoReference No.: 73742
Chemical of Concern: MTL,ACR,TFN,PCH
Endpoint: POP,GRO,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Bellinder, R. R., Wilcox-Lee, D., Senesac, A., and Warholic, D. T. (1989). Response of Early-Maturing Cabbage Brassica oleracea var capitata to Metolachlor. *Weed Technol.* 3: 463-466.

EcoReference No.: 73790
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Berzsenyi, Z. and Gyorffy, B. (1989). Comparative Study of the Phytotoxicity of Acetanilide Herbicides on Maize (Zea mays L.) as Affected by Temperature and Antidotes. *Acta Agron.Hung.* 38: 371-384.

EcoReference No.: 73974
Chemical of Concern: MTL,PCH,ACR,ACO
Endpoint: PHY,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Berzsenyi, Z., Gyorffy, B., Arendas, T., Bonis, P., and Lap, D. Q. (1997). Studies on the Phytotoxicity of Herbicides in Maize (Zea mays L.) as Affected by Temperature and Antidotes. *Acta Agron.Hung.* 45: 443-448.

EcoReference No.: 73275
Chemical of Concern: MTL,ACR
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Beste, C. E. and Frank, J. R. (1990). Influence of Metolachlor on Ilex crenata Thunb. for Control of Yellow Nutsedge. *J.Environ.Hortic.* 8: 58-60.

EcoReference No.: 73230
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Bochare, P. A., Shelke, D. K., Bhosle, R. H., Jadhav, N. S., and Salunke, V. D. (1992). Weed Management in Kharif Sunflower. *J.Maharashtra Agric.Univ.* 17: 502-503.

EcoReference No.: 73414
Chemical of Concern: MTL,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Bowman, J. B., Sinclair, J. B., and Yorinori, J. T. (1986). Effect of Herbicides on Soybean Disease Development and Seed Quality in the State of Parana. *Fitopatol.Bras.* 11: 205-216.

EcoReference No.: 73421
Chemical of Concern: MTL,MBZ,TFN
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Bowman, J. E. and Sinclair, J. B. (1989). Effect of Herbicides on Rhizoctonia Seedling Disease of Soybeans in Glasshouse Experiments. *J.Phytopathol.* 124: 267-274.

EcoReference No.: 73952
Chemical of Concern: MTL,ACR,MBZ,PMD,TFN
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Bowman, J. E., Sinclair, J. B., and Wax, L. M. (1987). Effect of Herbicides on Soybean Seed Quality. *Fitopatol.Bras.* 12: 334-337.

EcoReference No.: 73339
Chemical of Concern: MTL,ACR,MBZ,OXF,PDM,TFN
Endpoint: POP,REP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Brar, L. S. and Walia, U. S. (1995). Bioefficacy of Herbicides Against Trianthema portulacastrum in Toria (Brassica campestris subsp. Oleifera var Toria). *Indian J.Agron.* 40: 647-650.

EcoReference No.: 73917
Chemical of Concern: MTL,PDM,TFN
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Braverman, M. P., Lavy, T. L., and Talbert, R. E. (1985). Effects of Metolachlor Residues on Rice (Oryza sativa). *Weed Sci.* 33: 819-824.

EcoReference No.: 73811
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Brown, J. F. and Swingle, H. D. (1977). Herbicide Evaluation in Vegetable Crops. *P So Wd S S* 30: 168-175.

EcoReference No.: 40627
Chemical of Concern: OYZ,MTL,PDM,TFN,VNT,BTL
Endpoint: PHY,MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Calkins, J. B., Swanson, B. T., and Newman, D. L. (1996). Weed Control Strategies for Field Grown Herbaceous Perennials. *J.Environ.Hortic.* 14: 221-227.

EcoReference No.: 73736
Chemical of Concern: MTL,ODZ,OXF,PDM,OYZ,FZF,SXD
Endpoint: POP,MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Callan, E. J. and Kennedy, C. W. (1995). Tolerance of Stokes Aster to Selected Herbicides. *Ind.Crops Prod.* 4: 285-290.

EcoReference No.: 73964
Chemical of Concern: MTL,FZFP,VNT,TFN,IMQ,ACF,FSF,MBZ,CRM,BT,NFZ
Endpoint: GRO,MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Cardina, J. and Swann, C. W. (1988). Metolachlor Effects on Peanut Growth and Development. *Peanut Sci.* 15: 57-60.

EcoReference No.: 73919
Chemical of Concern: MTL
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Chandel, A. S., Saxena, S. C., and Singh, K. (1995). Integrated Weed Control and Its Economics in Soybean (Glycine max) Grown in Mollisols of Uttar Pradesh. *Indian J.Agron.* 40: 228-234.

EcoReference No.: 73924
Chemical of Concern: MTL,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Clements, C., Ralph, S., and Petras, M. (1997). Genotoxicity of Select Herbicides in Rana catesbeiana Tadpoles Using the Alkaline Single-Cell Gel DNA Electrophoresis (Comet) Assay. *Environ.Mol.Mutagen.* 29: 277-288.

EcoReference No.: 20274
Chemical of Concern: 24DXY,ATZ,GYP,MBZ,MTL,DMM
Endpoint: CEL,MOR; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Cohen, R., Blaier, B., and Katan, J. (1992). Chloroacetamide Herbicides Reduce Incidence of Fusarium Wilt in Melons. *Crop Prot.* 11: 181-185.

EcoReference No.: 73238
Chemical of Concern: MTL,NPP,ACR
Endpoint: PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Crossan, C. K., Gilliam, C. H., Eakes, D. J., Keever, G. J., Wehtje, G. R., and Dozier, W. A. Jr. (1996). Weed Control with Herbicide-Coated or -Blended Fertilizer in 'August Beauty' Gardenia. *J.Environ.Hortic.* 14: 5-8.

EcoReference No.: 73735
Chemical of Concern: MTL,ODZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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: MTL,PDM,TBC,ACR,ANL,OXF
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Davies, F. T. Jr. and Duray, S. A. (1992). Effect of Preemergent Herbicide Application on Rooting and Subsequent Liner Growth of Selected Nursery Crops. *J.Environ.Hortic.* 10: 181-186.

EcoReference No.: 73529
Chemical of Concern: MTL,OXF
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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

EcoReference No.: 13325
Chemical of Concern: ATZ,HXZ,MTL,TET
Endpoint: PRS; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Day, K. E. and Hodge, V. (1996). The Toxicity of the Herbicide Metolachlor, Some Transformation Products and a Commercial Safener to an Alga (Selenastrum capricornutum), a Cyanophyte. *Water Qual.Res.J.Can.* 31: 197-214.

EcoReference No.: 19186
Chemical of Concern: MTL
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Derr, J. F. (1993). Wildflower Tolerance to Metolachlor and Metolachlor Combined with Other Broadleaf Herbicides. *Hortscience* 28: 1023-1026.

EcoReference No.: 70865
Chemical of Concern: SZ,MTL; Habitat: T; Rejection Code: LITE EVAL CODED(MTL),NO MIXTURE(SZ).

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

EcoReference No.: 73253
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Derr, J. F., Chandran, R. S., and Ward, W. D. (1996). Preemergence and Postemergence Yellow Nutsedge (Cyperus esculentus) Control with MON 12000 in Nursery Crops. *Weed Technol.* 10: 95-99.

EcoReference No.: 73806
Chemical of Concern: MTL,BT,IMQ,GYP,CRM
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Dusky, J. A. (1986). Preemergency Herbicides for Radishes Grown on Organic Soils. *Hortscience* 21: 74-76.

EcoReference No.: 73265
Chemical of Concern: MTL,ACR,PDM,TBC,MBZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Eyherabide, J. J. (1996). Evaluation of Pre-emergent Herbicides for Weed Control in No Tillage Soybeans. *Ann.Appl.Biol.* 128: 64-65.

EcoReference No.: 73232
Chemical of Concern: MTL,MBZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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,DMB,MBZ,MTL,PAQT,SZ,DMM,TFN
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Farago, S., Kreuz, K., and Brunold, C. (1993). Decreased Glutathione Levels Enhance the Susceptibility of Maize Seedlings to Metolachlor. *Pestic.Biochem.Physiol.* 47: 199-205.

EcoReference No.: 73272
Chemical of Concern: MTL
Endpoint: BCM,ACC,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Fisher, D. J. and Hayes, A. L. (1985). A Comparison of the Biochemical and Physiological Effects of the Systemic Fungicide Cyprofuram with Those of the Related Compounds Metalaxyl and Metolachlor. *Crop Prot.* 4: 501-510.

EcoReference No.: 73269
Chemical of Concern: MTL
Endpoint: BCM,GRO,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Fleming, A. A., Banks, P. A., and Legg, J. G. (1988). Differential Response of Maize Inbreds to Bentazon and Other Herbicides. *Can.J.Plant Sci.* 68: 501-508.

EcoReference No.: 73255
Chemical of Concern: MTL,ATZ,BT
Endpoint: GRO,MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Foy, C. L. and Witt, H. L. (1997). SAN 582, Alachlor, and Metolachlor Control Triazine-Resistant (TR) Smooth Pigweed (Amaranthus hybridus) in No-Till Corn (Zea mays). *Weed Technol.* 11: 623-625.

EcoReference No.: 66126
Chemical of Concern: ACR,MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Frank, J. R. and Beste, C. E. (1990). Growth Inhibition of Ericaceous Plants from Metolachlor. *J.Environ.Hortic.* 8: 173-176.

EcoReference No.: 73231
Chemical of Concern: MTL
Endpoint: PHY,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Friesen, G. H. and Wall, D. A. (1986). Tolerance of Lentil (Lens culinaris Medik.) to Herbicides. *Can.J.Plant Sci.* 66: 131-140.

EcoReference No.: 73257
Chemical of Concern: MTL,TFN,MBZ,DMM
Endpoint: GRO,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gabr, M. A., Shakeeb, M. A., Fahmy, F., and Abbas, H. (1988). Influence of Metolachlor on Growth and Some Biochemical Activities in Tomato (Lycopersicon esculentum L.) Seedlings. *Egypt J.Bot.* 31: 121-132.

EcoReference No.: 73242
Chemical of Concern: MTL
Endpoint: GRO,BCM,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gabr, M. A., Shakeeb, M. A., Fahmy, F. A., and Abbas, H. (1989). Influence of Metolachlor Foliar Spray on Growth, Carbohydrate Content, Pigmentation and Photosynthetic Activity in Transplanted Tomato Plants (Lycopersicon esculentum L.). *Egypt J.Bot.* 32: 1-9.

EcoReference No.: 73357
Chemical of Concern: MTL
Endpoint: GRO,BCM,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gabr, M. A., Shakeeb, M. A., Fahmy, F. A., and Abbas, H. (1989). Influence of Metolachlor Foliar Spray on the Nitrogen Components, Nucleic Acid Content and Enzyme Activities in Transplanted Tomato Plants (Lycopersicon esculentum L.). *Egypt J.Bot.* 32: 11-20.

EcoReference No.: 73349
Chemical of Concern: MTL
Endpoint: BCM,GEN; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gangwar, K. S., Niranjan, K. P., and Singh, O. P. (1991). Weed Management in Sorghum (Sorghum bicolor) + Pigeonpea (Cajanus cajan) Intercropping System in Dryland. *Indian J.Agric.Sci.* 61: 757-759.

EcoReference No.: 73259
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Ghosheh, H. Z. and Chandler, J. M. (1998). Johnsongrass (Sorghum halepense) Control Systems for Field Corn (Zea mays) Utilizing Crop Rotation and Herbicides. *Weed Technol.* 12: 623-630.

EcoReference No.: 73939
Chemical of Concern: MTL,EPTC,NSF,GYP
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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
Endpoint: GRO,REP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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

EcoReference No.: 73266
Chemical of Concern: MTL,TBC,ACR,OXF,OYZ
Endpoint: GRO,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gilreath, J. P., Noling, J. W., and Santos, B. M. (2004). Methyl Bromide Alternatives for Bell Pepper (Capsicum annuum) and Cucumber (Cucumis sativus) Rotations. *Crop Prot.* 23: 347-351.

EcoReference No.: 73246
Chemical of Concern: MTL,NPP
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Glaze, N. C. (1988). Weed Control in Direct-Seeded Tomato, Lycopersicon esculentum for Transplants. *Weed Technol.* 2: 333-337.

EcoReference No.: 73808
Chemical of Concern: MTL,NPP,PDM,MBZ,DMM,FZF,SXD
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Glaze, N. C. and Hall, M. R. (1990). Cultivation and Herbicides for Weed Control in Sweet Potato (Ipomoea batatas). *Weed Technol.* 4: 518-523.

EcoReference No.: 73960
Chemical of Concern: MTL,ACR,FZF,FZFP,MBZ,NPP,OYZ,SXD
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gogoi, A. K., Kalita, H., Pathak, A. K., and Deka, J. (1991). Chemical Control of Weeds in Field Pea (Pisum sativum). *Indian J.Agron.* 36: 287-288.

EcoReference No.: 73969
Chemical of Concern: MTL,TBC,ODZ,PDM,BT
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gogoi, A. K., Kalita, H., Pathak, A. K., and Deka, J. (1991). Integrated Weed Management in Soybean (Glycine max). *Indian J.Agron.* 36: 453-454.

EcoReference No.: 73976
Chemical of Concern: MTL,FZFB
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gogoi, A. K., Kalita, H., Pathak, A. K., and Deka, J. (1991). Weed Management in Blackgram (Phaseolus mungo). *Indian J.Agron.* 36: 601-602.

EcoReference No.: 73983
Chemical of Concern: MTL,FZFB
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Gogoi, A. K., Pathak, A. K., Deka, J., and Kalita, H. (1991). Pre-emergence Herbicides for Weed Control in Potato (Solanum tubersum). *Indian J.Agron.* 36: 313-314 .

EcoReference No.: 73958
Chemical of Concern: MTL,ATZ,TBC
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Goncz, A. M. and Sencic, L. (1994). Metolachlor and 2,4-Dichlorophenoxyacetic Acid Sensitivity of Salvinia natans. *Bull.Environ.Contam.Toxicol.* 53: 852-855.

EcoReference No.: 13738
Chemical of Concern: 24DXY,MTL
Endpoint: POP,GRO,BCM; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

Gora, D. R., Meena, N. L., Shivran, P. L., and Shivran, D. R. (1996). Dry-Matter Accumulation and Nitrogen Uptake in Cumin (Cuminum cyminum) as Affected by Weed Control and Time of N Application. *Indian J.Agron.* 41: 666-667.

EcoReference No.: 73973
Chemical of Concern: MTL,OXF
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Grichar, W. J., Colburn, A. E., and Kearney, N. S. (1994). Herbicides for Reduced Tillage Production in Peanut (Arachis hypogaea) in the Southwest. *Weed Technol.* 8: 212-216.

EcoReference No.: 73912
Chemical of Concern: LCF,ACF,BT,PAQT,PMD,SXD,ACR,MTL
Endpoint: POP; Habitat : T; Rejection Code: LITE EVAL CODED(MTL).

Grichar, W. J., Evers, G. W., Pohler, C. L., and Schubert, A. M. (1987). Use of Preemergence Herbicides for Establishment of Clovers. *Tex.Agric.Exp.Stn.Prog.Rep.* 4537: 73-75.

EcoReference No.: 73911
Chemical of Concern: MTL,ACR,ATZ,OYZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Grichar, W. J., Lemon, R. G., Brewer, K. D., and Minton, B. W. (2001). S-Metolachlor Compared with Metolachlor on Yellow Nutsedge (Cyperus esculentus) and Peanut (Arachis hypogaea). *Weed Technol.* 15: 107-111.

EcoReference No.: 66847
Chemical of Concern: MTC,MTL
Endpoint: PHY,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Grichar, W. J., Sestak, D. C., Brewer, K. D., Besler, B. A., Stichler, C. R., and Smith, D. T. (2001). Sesame (Sesamum indicum L.) Tolerance and Weed Control with Soil-Applied Herbicides. *Crop Prot.* 20: 389-394.

EcoReference No.: 73934
Chemical of Concern: MTL,PDM,EFL,TFN,IZT
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACO
Endpoint: BCM,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: PHY,GRO,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,VNT,BFL,MTL,CTN,PAQT,DCZ,CRME
Endpoint: POP,BCM; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,TET
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,FZF,TFN,24DXY,LNR,MBZ,DMM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,TFN,ODZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: BCM,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,NPP,OYZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,DMB,THF,MBZ,TNM,24DXY,BT,IZT
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,EFL,FZFP,IZT,LNR,TFN
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,CRM
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,BT,PAQT
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,CMZ,ACF,BT,EFL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: BCM; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,BTC
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,TFN,PQT
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,BT
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ATZ, MTL
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,PQT,ACR
Endpoint: PHY,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,ACO,DMB
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,MBZ,DMM,NFZ,PDM,IZT,IMQ,FMU,EFL,DU,CZE,ATZ,ACR,CRM
Endpoint: GRO,POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACO,TBO,CRM,IMQ,IZF,NSF,PMS
Endpoint: GRO; Habitat : T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ATZ,MTL
Endpoint: BCM,GRO; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,BMN
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ATZ,SZ,BTC,MTL,DU,BMN,GYP
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 65938
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern:
DFP,QZF,HFP,FNP,FZF,CLT,NSF,TN,EMSF,BSFM,CRME,FTS,BP,ANL,TFN,PDM,BTC,MTL,ACO,SZ,ATZ,MLT,CZE,DU,PAQT,BMN,FXP,QNC,OXF,GFS,GYP
Endpoint: POP; Habitat: A; Rejection Code: LITE EVAL CODED(MLT,MTL).

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Chemical of Concern: MTL,ACR,OXF,PMD
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73937
Chemical of Concern: MTL,ATZ
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 6797
Chemical of Concern:
EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATZ,AZ,BS,Captan,CBF,CBL,CMPH,CPY,DBN,DFZ,DMB,DMT,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,LNR,MBZ,MDT,MLN,MLT,MOM,MP,MTL,Naled,OYZ,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN
Endpoint: MOR,PHY; Habitat: A; Rejection Code: LITE EVAL CODED(MTL,MLT,CBF,ADC),OK (MOM).

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Chemical of Concern: MTL,ATZ,DTP,ODZ,PDM
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73301
Chemical of Concern: MTL,ATZ,PDM
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,CZE,EPTC,NSF,RIM
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: OYZ,ACR,MTL,DFP,EFL,LNR,MCPB,MBZ,DMM,PDM,TFN,PCH
Endpoint: MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ACR,MTL
Endpoint: PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73792
Chemical of Concern: MTL,ODZ,ACR,PDM,BT
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

Mueller, T. C. and Hayes, R. M. (1997). Effect of Tillage and Soil-Applied Herbicides on Broadleaf Signalgrass (Brachiaria platyphylla) Control in Corn (Zea mays). *Weed Technol.* 11: 698-703.

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Chemical of Concern: MTL,ACO,ACR,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,OXF,TFN,PDM,DU,TRB
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 41806
Chemical of Concern: ACR,LNR,MTL,PDM,MBZ,DMM,EPTC
Endpoint: MOR; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR,DU,PDM,ATZ,24DXY,BTC
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,THF,BMN,MBZ,DMM,ACR,ACO,ATZ,PDM,CZE,LNR,DMB,PYD,24DXY
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73334
Chemical of Concern: MTL,OXF,PDM
Endpoint: GRO,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,PDM,ANL,BTC,OXF,TBC,ACR
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ACR,MBZ,MTL,DMM,ATZ
Endpoint: REP,MOR; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: ACR,MTL
Endpoint: GRO,MOR; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 13800
Chemical of Concern: ACL,24DXY,ATZ,BMN,CBF,CBL,GYP,HXZ,MBZ,MTL,SZ,TET,TPR,DMM
Endpoint: PHY,POP; Habitat: A; Rejection Code: LITE EVAL CODED(CBF,MTL).

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EcoReference No.: 44022
Chemical of Concern: MTL
Endpoint: GRO,REP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73245
Chemical of Concern: MTL,PDM
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73786
Chemical of Concern: MTL,BT,ATZ
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73918
Chemical of Concern: MTL,ACR
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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

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Chemical of Concern: MTL,ACR,TFN,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: CYP,MTL; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 67700
Chemical of Concern: Cd,Cu,Cr,Hg,Zn,As,MTL,NYP,PCP,HCCH,AND,DDT
Endpoint: GRO,MOR; Habitat: AT; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73987
Chemical of Concern:
MTL,TFN,PDM,EFL,FZF,SXD,PCH,ATZ,CPR,DCPA,NPP,24DXY,DMB,OXF,24DB,EPTC,OYZ,DU,MBZ,DMM,OXF,BMN
Endpoint: PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ANL,PDM,BTC,GYP,OXF
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ATZ,ANL,PDM,BTC,GYP,OXF
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ACR
Endpoint: GRO,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: ACC,BCM; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: GRO,ACC,BCM; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73929
Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 40628
Chemical of Concern: DMM,ACR,MBZ,MTL,EPTC,NPP
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73956
Chemical of Concern: MTL,ACR,PMD
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,DU,BTC,ACR,PMD,OXF
Endpoint: BCM,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73336Chemical of Concern: MTL,OXF,EFL,PDM
Endpoint: GRO,BCM,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,OXF,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,TBC,ACR,MBZ,ODZ,PDM
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Endpoint: GRO,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: 24DXY,HXZ,MTL
Endpoint: CEL; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 45196
Chemical of Concern: Cu,HXZ,MTL,GYP,24DXY,BMN,Zn
Endpoint: GRO; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,OYZ,TFN
Endpoint: POP,GRO,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern:
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,NFZ,MSMA,OXF,PAQT,PDM,PMS,PMT,PYD,QZF,SDX,24DXY,24DB,CLT,CMZ,CZE,DMB,DMM
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,TFN,MBZ
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73916
Chemical of Concern:
MTL,BT,CPP,CLT,CMZ,CPR,CYC,DCPA,DDP,PHMD,DEE,DMM,DU,EPTC,EFL,FZP,FTS,FSF,GFS,
GYP,IZT,MLX,Cu,MBZ,NPP,OYZ,PAQT,PMD,PHMD,QNC,SXD,SFZ,TPZ,TPR,TFN,24DXY
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73236
Chemical of Concern: MTL,PDM,TFN,TBC,OXF,EFL, 2,4DXY,ATZ,NPP,GYP,BT,MBZ
Endpoint: POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 70441
Chemical of Concern: ATZ,NPP,MTL,PQT,OXF,DU,PDM,BT,TFN,24DXY,OYZ
Endpoint: PHY,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 73264
Chemical of Concern: MTL,ACR,OYZ,LNR,OXF,ATZ,MBZ,PQT
Endpoint: GRO,POP,PHY; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: INJ,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: OXF,MTL,PDM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,PMD,ACR
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,PDM,OXF,BTC
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ATZ,EFL,LNR,MBZ,TFN
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: GRO ; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: GRO ; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,TBC
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,ATZ,ACR,BTY,CZE,PDM
Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: OYZ,DMM,MBZ,MTL,PRT,TBO,ADC,ACF,TXP,SXD
Endpoint: GRO,PHY,POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,NFZ
Endpoint: GRO; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,OYZ,NPP,OXF
Endpoint: MOR,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL) .

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Chemical of Concern: MTL,TFN
Endpoint: POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,OXF,TFN,OYZ,PDM,NPP
Endpoint: PHY,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: POP,GRO,BCM; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: GRO ; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Endpoint: BEH; Habitat: A; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL
Endpoint: BCM,REP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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Chemical of Concern: MTL,SXD,ATZ,CZE,DMB,NSF,HSF,DMM
Endpoint: POP; Habitat: T; Rejection Code: LITE EVAL CODED(MTL).

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EcoReference No.: 83711
Chemical of Concern: CdCl,MTL,ATZ,K2CrO7; Habitat: T; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS).

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Chemical of Concern: MTL; Habitat: T; Effect Codes: BEH,GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS).

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Chemical of Concern: ANL,PDM,OXF,ACR,TBC,MTL; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS).

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Chemical of Concern: ATZ,HXZ,MTL,TET; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ),OK(ALL CHEMS).

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EcoReference No.: 70739
Chemical of Concern: SZ,ATZ,ACR,CZE,GYP,LNR,MTL,MBZ,24D; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ,SZ),OK(ALL CHEMS).

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Chemical of Concern: SZ,ATZ,CPY,MTL,TBC,MLT,MLN,BSF,BMC,DU; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ,SZ),OK(ALL CHEMS).

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Chemical of Concern: ATZ,CPY,DMB,MTL,DEAC,PDM,MCPP1,TBO,PMR,CTN,MZB,NHN; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(MTL,MCPP1,ATZ),OK(ALL CHEMS).

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Chemical of Concern: MTL,ATZ; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL,ATZ),OK(ALL CHEMS).

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Chemical of Concern: MTC; Habitat: A; Effect Codes: REP,GRO,MOR; Rejection Code: LITE EVAL CODED(MTC),OK(ALL CHEMS).

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Chemical of Concern:
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Chemical of Concern: ATZ,TFN,PDM,MTL,PMT,PAQT,FMU,DU,SZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTL,SZ,ATZ),OK(ALL CHEMS).

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EcoReference No.: 74985
Chemical of Concern: MTL,PL,ZnCl2,TPR,24DXY,ATZ,DQTBr,FDE,GYP,HXZ; Habitat: A; Effect Codes: GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(MTL,ATZ).

Samsoe-Petersen, L. (1995). Effects of 67 Herbicides and Plant Growth Regulators on the Rove Beetle Aleochara bilineata (Col.: Staphylinidae) in the Laboratory. *Entomophaga* 40: 95-104.

EcoReference No.: 63490
Chemical of Concern:
SZ,ATZ,DU,HFP,MCPP1,PYD,FXP,BT,MTL,PDM,CBL,MTSM,AMTL,CQTC,DPP1; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(MTL,SZ,ATZ,CQTC),NO MIXTURE(MCPP1,DPP1).

Smith, R. J. Jr. (1989). Cropping and Herbicide Systems for Red Rice (Oryza sativa) Control. *Weed Technol.* 3: 414-419.

EcoReference No.: 73748
Chemical of Concern: MTL,TFN,PAQT,ACR,BT,MFD; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK(TFN,ACR,PAQT),NO MIXTURE(MFD,BT).

METOLACHLOR
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ECOTOX Search October 2004

Adejonwo, K. O., Mamtso, D. M., and Lagoke, S. T. O. (1987). Evaluation of Pre- and Directed Post-Emergence Herbicide Mixtures for Weed Control in Okra. *Tests Agrochem.Cultiv.* 8: 92-93.

EcoReference No.: 73537
Chemical of Concern: MTL,MBZ,DMM
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

Adigun, J. A., Lagoke, S. T., and Karikari, S. K. (1987). Herbicide Evaluation Studies in Transplanted Chili Pepper (Capsicum frutescens L.) in the Nigerian Savanna. *Crop Prot.* 6: 283-288.

EcoReference No.: 73933
Chemical of Concern: MTL,MBZ,ODZ,LNR,PDM,ACR
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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

EcoReference No.: 73541
Chemical of Concern: MTL,PDM,ACR,LNR,PHTH
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO MIXTURE(MTL,LNR,ACR,PDM).

Alva, A. K., Kerven, G. L., Edwards, D. G., and Asher, C. J. (1991). Reduction in Toxic Aluminum to Plants by Sulfate Complexation. *Soil Sci.* 152: 351-359.

EcoReference No.: 45923
Chemical of Concern: Al
Endpoint: GRO; Habitat: T; Rejection Code: No COC(MTL).

Anhalt, J. C., Arthur, E. L., Anderson, T. A., and Coats, J. R. (2000). Degradation of Atrazine, Metolachlor, and Pendimethalin in Pesticide-Contaminated Soils: Effects of Aged Residues on Soil Respiration and Plant Survival. *J.Environ.Sci.Health Part B* 35: 417-38.

EcoReference No.: 73903
Chemical of Concern: MTL,ATZ,PDM
Endpoint: MOR; Habitat: T; Rejection Code: NO ENDPOINT.

Arnold, R. N., Gregory, E. J., and Smeal, D. (1988). Effects of Herbicides on Weeds in Field Corn Grown on Coarse-Textured Soils . *Appl.Agric.Res.* 3: 21-23.

EcoReference No.: 73778
Chemical of Concern: MTL,MTL,ACR,EPTC,CZE,24DXY,DMB,VRN
Endpoint: POP,PHY; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,EPTC,TFN,PDM,IZT
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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EcoReference No.: 73536
Chemical of Concern: MTL,ACR
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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EcoReference No.: 73777
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO ENDPOINT.

Bennett, M. A. and Gorski, S. F. (1989). Response of Sweet Corn (Zea mays) Endosperm Mutants to Chloracetamide and Thiocarbamate Herbicides. *Weed Technol.* 3: 475-478.

EcoReference No.: 73789
Chemical of Concern: MTL,ACR,EPTC,BTY
Endpoint: GRO; Habitat: T; Rejection Code: NO CONTROL.

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EcoReference No.: 73909
Chemical of Concern: MTL
Endpoint: BEH,MOR,GRO; Habitat: T; Rejection Code: NO COC(MTL).

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EcoReference No.: 74065
Chemical of Concern: MTL,CZE,ACR,ATZ,PDM
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 73781
Chemical of Concern: MTL,ACR
Endpoint: POP,PHY; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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EcoReference No.: 73733
Endpoint: BCM; Habitat: T; Rejection Code: NO COC (MTL).

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

EcoReference No.: 73802
Chemical of Concern: MTL,OYZ,NFZ,ACR,BT,ACF,FZF,TFN
Endpoint: GRO,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL),CONTROL.

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Chemical of Concern: MTL,ATZ,PDM,CZE
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MP,PMR
Endpoint: MOR,ACC; Habitat: T; Rejection Code: NO COC(MTL).

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Endpoint: ACC,GRO,BEH; Habitat: T; Rejection Code: NO COC(MTL).

Chanda, S. and Chakravorty, S. (1998). Effect of Stress on Heart Beat and Post Embryonic Development in Corcyra cephalonica Larvae. *Indian J.Exp.Biol.* 36: 796-799.

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Endpoint: DVP,MOR; Habitat: T; Rejection Code: NO COC(MTL).

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EcoReference No.: 73428
Chemical of Concern: 24DXY,PDM,GYP,ATZ,DU,NFZ
Endpoint: GRO; Habitat: T; Rejection Code: NO COC(MTL).

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Chemical of Concern: MTL
Endpoint: GRO,ACC,BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT, CONTROL.

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EcoReference No.: 65258
Chemical of Concern: MTL
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,BTC,ACR,MBZ,DMM,24DXY,CPP,CSF,OXF,EPTC,ATC
Endpoint: GRO,BCM; Habitat: A; Rejection Code: NO ENDPOINT.

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EcoReference No.: 26546
Chemical of Concern: MTL,ATZ
Endpoint: GRO,POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

Cruz, S. M., Scott, M. N., and Merritt, A. K. (1993). Metabolism of [14C]Metolachlor in Bluegill Sunfish. *J.Agric.Food Chem.* 41: 662-668.

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Chemical of Concern: MTL
Endpoint: ACC; Habitat: A; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ATZ,AMTR,NSF,GFS
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

Cummins, I., Moss, S., Cole, D. J., and Edwards, R. (1997). Glutathione Transferases in Herbicide-Resistant and Herbicide-Susceptible Black-Grass (Alopecurus myosuroides). *Pestic.Sci.* 51: 244-250.

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Chemical of Concern: MTL,FNPE
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 72443
Chemical of Concern: OXF,SZ,MTL,NPP
Endpoint: MOR,POP; Habitat: T; Rejection Code: NO ENDPOINT,MIXTURE(SZ).

Davis, M. A., Jardine, D. J., and Todd, T. C. (1994). Selected Pre-emergent Herbicides and Soil pH Effect on Seedling Blight of Grain Sorghum. *J.Prod.Agric.* 7: 269-276.

EcoReference No.: 73920
Chemical of Concern: MTL,ATZ,ACR
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE (MTL).

Davis, P. M. and Coleman, S. (1997). Managing Corn Rootworms: (Coleoptera Chrysomelidae) on Dairy Farms: The Need for a Soil Insecticide. *J.Econ.Entomol.* 90: 205-217 .

EcoReference No.: 73930
Chemical of Concern: CPY,TFT,TBO,ACR,ATZ,PDM,MTL,DMB,CZE
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ACR,BTC,MXC
Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ATZ
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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EcoReference No.: 73901
Chemical of Concern: ATZ,ACR,MTL
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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Chemical of Concern: ATZ,24DXY,ACR
Endpoint: BCM; Habitat: T; Rejection Code: NO COC(MTL).

Djurkic, M., Knezevic, M., and Ostojic, Z. (1997). Effect of Rimsulfuron Application on Weeds in Maize Inbred Lines in Croatia. *Cereal Res.Commun.* 25: 203-209.

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Chemical of Concern: RIM,MTL,ATZ
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ACR
Endpoint: PHY; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MLX
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT,COC(MTL).

Duncan, R. R., Dominy, R. E., and Hardcastle, W. S. (1985). An Effective Technique for Safening Small Quantities of Sorghum Breeder Seed. *Cereal Res.Commun.* 13: 265-268.

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Chemical of Concern: MTL
Endpoint: POP; Habitat: T; Rejection Code: NO CONTROL.

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Chemical of Concern: MTL,ACR,TFN
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE (MTL).

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Chemical of Concern: MTL,ATZ
Endpoint: BCM,ACC; Habitat: T; Rejection Code: NO IN VITRO(MTL),ENDPOINT.

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Chemical of Concern: 24DXY,ATZ,MTL
Endpoint: ACC; Habitat: A; Rejection Code: NO CONTROL.

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EcoReference No.: 73741
Chemical of Concern: MTL,MBZ,DMM,BT,ACF,FZF,GYP,LCF
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

Endres, C. S. and Longer, D. E. (1987). Herbicide Selectivity Among Grain and Weedy Amaranthus Species. *Agron.J.* 79: 824-826.

EcoReference No.: 73267
Chemical of Concern: MTL,TFN,ACR,MBZ,BT
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 73542
Chemical of Concern: ACO,MTL,MBZ,DMM
Endpoint: PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: ATZ,ACR,MTL,MBZ,DMM
Endpoint: POP,GRO,SYS; Habitat: A; Rejection Code: NO CONTROL.

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Chemical of Concern: MTL
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ATZ
Endpoint: GRO; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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EcoReference No.: 73931
Chemical of Concern: MTL,GYP,SXD,HFP,PCP,ATZ,ACR,BTC,DU,CPP,BSF,PAQT
Endpoint: GRO; Habitat: A; Rejection Code: NO CONTROL.

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EcoReference No.: 74041
Endpoint: BEH; Habitat: T; Rejection Code: NO COC(MTL).

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EcoReference No.: 74288
Chemical of Concern: FA,PAH
Endpoint: ACC; Habitat: A; Rejection Code: NO COC(MTL).

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EcoReference No.: 74043
Chemical of Concern: MTL,ACR,PCH
Endpoint: GRO,PHY,POP; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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EcoReference No.: 73962
Chemical of Concern:
MTL,PYD,SYD,PMT,TFN,PMD,24DXY,24BF,QZF,PAQT,OXF,NFZ,ACF,ACR,ATZ,BT,BMN,CRM,CLT,CMZ,CZE,DU,FZFP,FMU,FSF,IMQ,IZT,LCF,FNP,LNR,MTZ,MBZ,MSMA,NSF
Endpoint: POP,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL),OK(24DXY).

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EcoReference No.: 74066
Chemical of Concern: MTL,IZP,IMQ,PMS,TSF,ACO,IMB
Endpoint: GRO,PHY,POP; Habitat: T; Rejection Code: NO ENDPOINT.

Gaynor, J. D., MacTavish, D. C., and Hamill, A. S. (1992). A GC/MSD Method for the Analysis of Metolachlor in Cabbage, Broccoli, and Tomato. *Commun.Soil Sci.Plant Anal.* 23: 1548-1558.

EcoReference No.: 74048
Chemical of Concern: MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 40626
Chemical of Concern: ACR,MTL
Endpoint: GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 73807
Chemical of Concern: PMS,PQT,ATZ,NSF,24DXY,DMB
Endpoint: POP; Habitat: T; Rejection Code: NO COC(MTL),MIXTURE(24DXY).

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EcoReference No.: 73907
Endpoint: GRO,BEH; Habitat: T; Rejection Code: NO COC(MTL).

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EcoReference No.: 73942
Chemical of Concern: MTL,NPP
Endpoint: POP; Habitat: T; Rejection Code: NO TOX DATA(MTL).

Govedarica, M. and Mrkovacki, N. (1993). Effect of Different Herbicides on the Frequency of Microorganisms Under Soybean. *Mikrobiologija (Zemun)* 30: 37-45.

EcoReference No.: 73244
Chemical of Concern: MTL
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 74045
Chemical of Concern: MTL,BT,FZFP,ACR,SXD,HFP,MFD,FZF,QZF
Endpoint: POP; Habitat: T; Rejection Code: NO CONTROL.

Hatton, P. J., Cole, D. J., and Edwards, R. (1996). Influence of Plant Age on Glutathione Levels and Glutathione Transferases Involved in Herbicide Detoxification in Corn (Zea mays L.) and Giant Foxtail (Setaria faberi Herrm). *Pestic.Biochem.Physiol.* 54: 199-209.

EcoReference No.: 73273
Chemical of Concern: MTL,ATZ,ACR
Endpoint: BCM,PHY; Habitat: T; Rejection Code: NO ENDPOINT.

Hatton, P. J., Dixon, D., Cole, D. J., and Edwards, R. (1996). Glutathione Transferase Acitivities and Herbicide Selectivity in Maize and Associated Weed Species. *Pestic.Sci.* 46: 267-275.

EcoReference No.: 73233
Chemical of Concern: MTL,ATZ,ACR
Endpoint: PHY; Habitat: T; Rejection Code: NO ENDPOINT.

Hawton, D., Johnson, I. D. G., Loch, D. S., Harvey, G. L., Marley, J., Hazard, W. H. L., Bibo, J., and Walker, S. R. (1990). A Guide to the Susceptibility of Some Tropical Crop and Pasture Weeds and the Tolerance of Some Crop Legumes to Several Herbicides. *Trop.Pest Manag.* 36: 147-150.

EcoReference No.: 73776
Chemical of Concern:
ACR,BT,DMB,DU,MTL,MBZ,DMM,PDM,ACF,BFL,24DXY,EPTC,FZFB,PCL,SXD,TFN,VNT,ATZ
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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Chemical of Concern: MTL,CPR,PHMD,DMM,ATC
Endpoint: GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: GRO,PHY,BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: GRO,ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ATZ,ACR
Endpoint: POP,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ACR
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,IMQ,DU
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ATZ,ACR
Endpoint: GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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EcoReference No.: 73302
Chemical of Concern: MTL,ACR,ATZ
Endpoint: GRO,BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,FTS,MBZ,TFN,CRM,IMQ
Endpoint: POP; Habitat: T; Rejection Code: NO CONTROL.

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Chemical of Concern: MTL
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ACR,ATZ,NFZ,CMZ,FMU,IMQ,IZT,TFN
Endpoint: GRO,ACC; Habitat: T; Rejection Code: NO ENDPOINT (MTL).

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Chemical of Concern: ATZ, MTL,GYP
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE (MTL).

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Chemical of Concern: ATZ, MTL
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO CONTROL(MTL).

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Chemical of Concern: MTL,ACR
Endpoint: PHY; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,AMTL,24DXY,AMTR
Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: BCM,ACC; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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Chemical of Concern: BT,MTL
Endpoint: MOR; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,PAQT,GYP,CRM,IMQ,MBZ,DMM
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: FZFB,ATZ,MTL,IZT,PDM,BT,ACF
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: PAH
Endpoint: ACC; Habitat: A; Rejection Code: NO COC(MTL).

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Endpoint: PHY; Habitat: T; Rejection Code: NO COC (MTL).

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Chemical of Concern: CRME,ACR,ATZ
Endpoint: BCM; Habitat: T; Rejection Code: NO COC(MTL),ENDPOINT.

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Chemical of Concern: MTL,GYP,ACR,MBZ,DMM; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: Hg
Endpoint: ACC; Habitat: A; Rejection Code: NO COC(MTL),CONTROL,ENDPOINT.

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Chemical of Concern: MTL,PMT
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,PPN,SXD,BT,ODZ,PAQT
Endpoint: POP; Habitat: T; Rejection Code: NO CONTROL.

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Chemical of Concern: MTL,TFN,OXF,PDM,DU
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,OXF,PDM,TFN,DU,MBZ,DMM,TBC
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ATZ
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,MBZ,EPTC,DMM,PDM
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: BCM,GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ACR
Endpoint: GRO,POP,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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EcoReference No.: 73370
User Define 2: WASH
Chemical of Concern: MTL,ACR
Endpoint: POP,GRO; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ACR
Endpoint: GRO,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: CYP
Endpoint: POP,MOR,BEH; Habitat: T; Rejection Code: NO COC (MTL).

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Chemical of Concern:
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Endpoint: MOR,POP,PHY,GRO,REP; Habitat: AT; Rejection Code: NO EFED (344).

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EcoReference No.: 73248
Chemical of Concern: MTL,CBF,PRT
Endpoint: PHY,POP,GRO; Habitat: T; Rejection Code: LITE EVAL CODED(CBF),NO MIXTURE(MTL).

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EcoReference No.: 74049
Chemical of Concern: MTL,PDM
Endpoint: GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,ACO,BTC,PCH,MLX
Endpoint: BCM; Habitat: T; Rejection Code: NO CONTROL(MTL).

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Chemical of Concern: ATZ,MTL
Endpoint: GRO; Habitat: A; Rejection Code: NO ABSTRACT.

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Chemical of Concern: OYZ,MBZ,DMM,ACR,MTL
Endpoint: MOR,GRO,PHY,POP,CEL ; Habitat: T; Rejection Code: NO ENDPOINT.

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Endpoint: BEH,DVP; Habitat: T; Rejection Code: NO COC(MTL).

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Chemical of Concern: MTL,PHMD,DDP
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Chemical of Concern: MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO CONTROL.

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Chemical of Concern: MTL,PDM
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: ACR,ATZ,MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,PMD,EPTC,ACR,NSF,IZT,DMM,CZE
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE (MTL).

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Chemical of Concern: AZD
Endpoint: MOR,POP; Habitat: AT; Rejection Code : NO COC(MTL).

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Chemical of Concern: MTL,DMM,MBZ,PDM,CZE,GYP,ATZ
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL,ACF,BT,CMZ,EPTC,IZT,PMD
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL
Endpoint: GRO; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,PAQT,BT,ACF,PDM
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE (MTL).

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Chemical of Concern: MTL,OYZ,ACR,CZE,LNR,PAQT
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT,CONTROL.

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Chemical of Concern: CYP,MTL; Habitat: T; Rejection Code: NO MIXTURE (MTL).

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Chemical of Concern: MTL,GYP
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Endpoint: POP; Habitat: T; Rejection Code: NO COC (MTL).

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Chemical of Concern: MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Endpoint: PHY,POP; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,MBZ,FZFB,FSF,ODZ,IZT,ACF,BT,FNP
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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EcoReference No.: 74054
Chemical of Concern: MTL,ACO,CZE,EPTC,ACR,BTY,CYC,PMD
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: IZT,FZFP,ACO,MTL,SXD
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: OYZ,ACR,MTL
Endpoint: MOR; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL
Endpoint: GRO,PHY; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Chemical of Concern: MTL
Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: MTL,TFN,PDM,MSMA,FZFP
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT(MTL).

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Chemical of Concern: MTL,TRB
Endpoint: POP; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: ATZ,MTL
Endpoint: MOR; Habitat: A; Rejection Code: NO FOREIGN.

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Endpoint: ACC; Habitat: T; Rejection Code: NO ENDPOINT.

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Chemical of Concern: ATZ,PAQT,MTL
Endpoint: POP; Habitat: T; Rejection Code: NO MIXTURE(MTL).

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Endpoint: BCM; Habitat: T; Rejection Code: NO ENDPOINT.

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Endpoint: MOR; Habitat: A; Rejection Code: NO FOREIGN.

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METOLACHLOR
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