



**US Environmental Protection Agency
Office of Pesticide Programs**

**Appendix G:
Bibliography of ECOTOX Open Literature Not
Evaluated and Papers Not Excepted by ECOTOX**

August 31, 2007

Appendix G: Bibliography of ECOTOX Open Literature Not Evaluated and Papers Not Accepted by ECOTOX

ATRAZINE IRED 2003
Papers that Were Accepted ECOTOX

Acceptable for ECOTOX and OPP

- Belden, J. B. and Lydy, M. J. (2000). Impact of Atrazine on Organophosphate Insecticide Toxicity. *Environ.Toxicol.Chem.* 19: 2266-2274.
EcoReference No.: 56553
Chemical of Concern: ATZ,CPY,MLN,MP,DZ; Habitat: A; Effect Codes: ACC,BEH,BCM; Rejection: **Less sensitive endpoint.**
- EG&G Bionomics (1973). Acute Toxicity of Atrazine to Mud Crab (*Neopanope texana*). *Bioassay Rep.Submitted to CIBA-Giegy Chemical Corp., Greensboro, NC* 1-9.
EcoReference No.: 61020
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- El Jay, A. (1996). Effects of Organic Solvents and Solvent-Atrazine Interactions on Two Algae, *Chlorella vulgaris* and *Selenastrum capricornutum*. *Arch.Environ.Contam.Toxicol.* 31: 84-90.
EcoReference No.: 17086
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,POP; Rejection Code: **Less sensitive endpoint.**
- 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; Rejection Code: **Less sensitive endpoint.**
- Forget, J., Pavillon, J. F., Menasria, M. R., and Bocquene, G. (1998). Mortality and LC50 Values for Several Stages of the Marine Copepod *Tigriopus brevicornis* (Muller) Exposed to the Metals Arsenic and Cadmium and the. *Ecotoxicol.Environ.Saf.* 40: 239-244.
EcoReference No.: 19281
Chemical of Concern: ATZ,CBF,MLN,DOVP,As,Cd,AZ; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Gaggi, C., Sbrilli, G., El Naby, A. M. H., Bucci, M., Duccini, M., and Bacci, E. (1995). Toxicity and Hazard Ranking of s-Triazine Herbicides Using Microtox, Two Green Algal Species and a Marine Crustacean. *Environ.Toxicol.Chem.* 14: 1065-1069.
EcoReference No.: 15077
Chemical of Concern: ATZ,PMT,AMTR; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Guasch, H., Ivorra, N., Lehmann, V., Paulsson, M., Real, M., and Sabater, S. (1998). Community Composition and Sensitivity of Periphyton to Atrazine in Flowing Waters: The Role of Environmental Factors. *J.Appl.Phycol.* 10: 203-213.
EcoReference No.: 70206
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,ACC; Rejection Code: **Less sensitive endpoint.**
- Guasch, H., Munoz, I., Roses, N., and Sabater, S. (1997). Changes in Atrazine Toxicity Throughout Succession of

Stream Periphyton Communities. *J.Appl.Phycol.* 9: 137-146.

EcoReference No.: 20359

Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM, POP; Rejection Code: **Less sensitive endpoint.**

Kotrikla, A., Lekkas, T., and Bletsas, G. (1997). Toxicity of the Herbicide Atrazine, Two of Its Degradation Products and the Herbicide Metolachlor in Photosynthetic Microorganisms. *Fresenius Environ.Bull.* 6: 502-507.

EcoReference No.: 20116

Chemical of Concern: ATZ, MTL, DEATZ, DIATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

Marchini, S., Passerini, L., Cesareo, D., and Tosato, M. L. (1988). Herbicidal Triazines: Acute Toxicity on Daphnia, Fish, and Plants and Analysis of its Relationships with Structural Factors. *Ecotoxicol.Environ.Saf.* 16: 148-157.

EcoReference No.: 13154

Chemical of Concern: ATZ, PMT, PPZ, SZ, AMTR, CZE; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**

Tang, J. X., Hoagland, K. D., and Siegfried, B. D. (1997). Differential Toxicity of Atrazine to Selected Freshwater Algae. *Bull.Environ.Contam.Toxicol.* 59: 631-637.

EcoReference No.: 18457

Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

Atrazine IRED (2003): Acceptable for ECOTOX but not OPP

Alazemi, B. M., Lewis, J. W., and Andrews, E. B. (1996). Gill Damage in the Freshwater Fish *Gnathonemus petersii* (Family: Mormyridae) Exposed to Selected Pollutants: An Ultrastructural Study. *Environ.Technol.* 17: 225-238.

EcoReference No.: 19563

Chemical of Concern: ATZ, CuS, CN, Cr, Cd; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

Atkins, E. L., Greywood, E. A., and Macdonald, R. L. (1975). Toxicity of Pesticides and Other Agricultural Chemicals to Honey Bees. *Leaflet 2287, Division of Agricultural Sciences, University of California, Davis, CA* 36.

EcoReference No.: 40218

Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Baird, D. J., Barber, I., Soares, A. M. V. M., and Calow, P. (1991). An Early Life-Stage Test with *Daphnia magna* Straus: An Alternative to the 21-Day Chronic Test? *Ecotoxicol.Environ.Saf.* 22: 1-7.

EcoReference No.: 3949

Chemical of Concern: NaBr; Habitat: A; Effect Codes: REP; Rejection Code: LITE EVAL CODED(NaBr), NO COC(ATZ).

Bester, K., Huhnerfuss, H., Brockmann, U., and Rick, H. J. (1995). Biological Effects of Triazine Herbicide Contamination on Marine Phytoplankton. *Arch.Environ.Contam.Toxicol.* 29: 277-283.

EcoReference No.: 14926

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

Beynon, K. I., Stoydin, G., and Wright, A. N. (1972). A Comparison of the Breakdown of the Triazine Herbicides Cyanazine, Atrazine and Simazine in Soils and in Maize. *Pestic.Biochem.Physiol.* 2: 153-161.

EcoReference No.: 70863

Chemical of Concern: SZ, ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(SZ, ATZ).

- Brockway, D. L., Smith, P. D., and Stancil, F. E. (1984). Fate and Effects of Atrazine in Small Aquatic Microcosms. *Bull.Environ.Contam.Toxicol.* 32: 345-353.
EcoReference No.: 11290
Chemical of Concern: ATZ; Habitat: A; Effect Codes: SYS; Rejection Code: NO ENDPOINT(ATZ).
- Burken, J. G. and Schnoor, J. L. (1997). Uptake and Metabolism of Atrazine by Poplar Trees. *Environ.Sci.Technol.* 31: 1399-1406.
EcoReference No.: 63404
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).
- Butler, G. L., Deason, T. R., and O'Kelley, J. C. (1975). The Effect of Atrazine, 2,4-D, Methoxychlor, Carbaryl and Diazinon on the Growth of Planktonic Algae. *Br.Phycol.J.* 10: 371-376.
EcoReference No.: 7429
Chemical of Concern: 24DXY,ATZ,CBL,DZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Carney, C. E. (1983). The Effects of Atrazine and Grass Carp on Freshwater Macrophyte Communities. *M.A.Thesis, University of Kansas, Lawrence, KS* 33 p.
EcoReference No.: 12404
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Cohn, S. L. (1985). An Evaluation of the Toxicity and Sublethal Effects of Atrazine on the Physiology and Growth Phases of the Aquatic Macrophyte *Vallisneria americana* L. *Diss.Abstr.Int.B Sci.Eng.* 46(4):1042 / *Ph.D.Thesis, The American University, Washington, D.C.* 142 p.
EcoReference No.: 9962
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,POP,MOR,REP; Rejection Code: NO ABSTRACT(ATZ).
- Douglas, W. S., McIntosh, A., and Clausen, J. C. (1993). Toxicity of Sediments Containing Atrazine and Carbofuran to Larvae of the Midge *Chironomus tentans*. *Environ.Toxicol.Chem.* 12: 847-853 (OECDG Data File).
EcoReference No.: 7284
Chemical of Concern: ATZ,CBF; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBF),NO ENDPOINT(ATZ).
- El-Sheekh, M. M., Kotkat, H. M., and Hammouda, O. H. E. (1994). Effect of Atrazine Herbicide on Growth, Photosynthesis, Protein Synthesis, and Fatty Acid Composition in the Unicellular Green Alga *Chlorella kessleri*. *Ecotoxicol.Environ.Saf.* 29: 349-358.
EcoReference No.: 13751
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,BCM,PHY; Rejection Code: NO ENDPOINT(ATZ).
- Farooqui, M. A., Rao, A. V., Jayasree, T., and Sadanandam, A. (1997). Induction of Atrazine Resistance and Somatic Embryogenesis in *Solanum melongena*. *Theor.Appl.Genet.* 95: 702-705.
EcoReference No.: 72789
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Fischer-Scherl, T., Veese, A., Hoffmann, R. W., Kuhnhauser, C., Negele, R. D., and Ewringmann, T. (1991). Morphological Effects of Acute and Chronic Atrazine Exposure in Rainbow Trout (*Oncorhynchus mykiss*). *Arch.Environ.Contam.Toxicol.* 20: 454-461 .
EcoReference No.: 146
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).
- Gimenez-Espinosa, R., Romera, E., Tena, M., and De Prado, R. (1996). Fate of Atrazine in Treated and Pristine Accessions of Three *Setaria* Species. *Pestic.Biochem.Physiol.* 56: 196-207.
EcoReference No.: 78695

- Chemical of Concern: PPZ,MBZ,PMT,AMTR,SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ).
- Gonzalez-Murua, C., Munoz-Rueda, A., Hernando, F., and Sanchez-Diaz, M. (1985). Effect of Atrazine and Methabenzthiazuron on Oxygen Evolution and Cell Growth of *Chlorella pyrenoidosa*. *Weed Res.* 25: 61-66.
EcoReference No.: 10675
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Gough, B. J. and Shellenberger, T. E. (1972). In Vivo Inhibition of Rabbit Whole Blood Cholinesterase with Organophosphate Inhibitors and Reactivation with Oximes. *Drug Chem.Toxicol.* 1: 25-43.
EcoReference No.: 81777
Chemical of Concern: ATZ,DCTP,DDVP; Habitat: AT; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Grande, M., Andersen, S., and Berge, D. (1994). Effects of Pesticides on Fish. Experimental and Field Studies. *Norw.J.Agric.Sci. Suppl.*13: 195-209.
EcoReference No.: 62367
Chemical of Concern: PCZ,SZ,DPP,CSF,ES,ATZ,DZ,DMT,GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DMT,PCZ),OK(DMT,CSF,PCZ),NO CONTROL(SZ,ES,GYP,MCPA,DPP,ATZ).
- Grenier, G., Proteau, L., Marier, J. P., and Beaumont, G. (1987). Effects of a Sublethal Concentration of Atrazine on the Chlorophyll and Lipid Composition of Chlorophyll-Protein Complexes of *Lemna minor*. *Plant Physiol.Biochem.* 24: 409-413.
EcoReference No.: 4176
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ATZ).
- Hall, J. K., Pawlus, M., and Higgins, E. R. (1972). Losses of Atrazine in Runoff Water and Soil Sediment. *J.Environ.Qual.* 1: 172-176.
EcoReference No.: 69624
Chemical of Concern: ATZ; Habitat: T; Effect Codes: INJ; Rejection Code: TARGET(ATZ).
- Hamilton, P. B., Jackson, G. S., Kaushik, N. K., and Solomon, K. R. (1987). The Impact of Atrazine on Lake Periphyton Communities, Including Carbon Uptake Dynamics using Track Autoradiography. *Environ.Pollut.* 46: 83-103.
EcoReference No.: 12619
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,PHY,PRS; Rejection Code: NO ENDPOINT(ATZ).
- Hannan, P. J. (1995). A Novel Detection Scheme for Herbicidal Residues. *Environ.Toxicol.Chem.* 14: 775-780.
EcoReference No.: 69628
Chemical of Concern: ATZ,PPZ,THF,CRME,TNM,AMTR,CZE; Habitat: AT; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Herman, D., Kaushik, N. K., and Solomon, K. R. (1986). Impact of Atrazine on Periphyton in Freshwater Enclosures and Some Ecological Consequences. *Can.J.Fish.Aquat.Sci.* 43(10): 1917-1925.
EcoReference No.: 11959
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ).
- Hoagland, K. D., Drenner, R. W., Smith, J. D., and Cross, D. R. (1993). Freshwater Community Responses to Mixtures of Agricultural Pesticides: Effects of Atrazine and Bifenthrin. *Environ.Toxicol.Chem.* 12: 627-637 (OECDG Data File).
EcoReference No.: 6359
Chemical of Concern: ATZ,BFT; Habitat: A; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

- Hofmann, A. and Winkler, S. (1990). Effects of Atrazine in Environmentally Relevant Concentrations on Submersed Macrophytes. *Arch.Hydrobiol.* 118: 69-79.
EcoReference No.: 7313
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ).
- Isensee, A. R. (1976). Variability of Aquatic Model Ecosystem-Derived Data. *Int.J.Envirn.Stud.* 10: 35-41.
EcoReference No.: 682
Chemical of Concern: EDT,ATZ,DU,CBZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).
- Jones, T. W. and Estes, P. S. (1984). Uptake and Phytotoxicity of Soil-Sorbed Atrazine for the Submerged Aquatic Plant, *Potamogeton perfoliatus* L. *Arch.Envirn.Contam.Toxicol.* 13: 237-241.
EcoReference No.: 10154
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,PHY; Rejection Code: NO ENDPOINT(ATZ).
- Juttner, I., Peither, A., Lay, J. P., Kettrup, A., and Ormerod, S. J. (1995). An Outdoor Mesocosm Study to Assess Ecotoxicological Effects of Atrazine on a Natural Plankton Community. *Arch.Envirn.Contam.Toxicol.* 29: 435-441.
EcoReference No.: 16127
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ).
- Kaushik, N. K., Solomon, K. R., Stephenson, G., and Day, K. (1985). Assessment of Sublethal Effects of Atrazine on Zooplankton. In: P.G.Wells and R.F.Addison (Eds.), *Proc.10th Ann.Aquat.Toxic.Workshop, Nov.7-10, 1983, Halifax, Nova Scotia, Can.Tech.Rep.Fish.Aquat.Sci.No.1368* 377-379.
EcoReference No.: 12888
Chemical of Concern: ATZ; Habitat: A; Effect Codes: REP; Rejection Code: NO ENDPOINT(ATZ).
- Khan, S. U. and Marriage, P. B. (1977). Residues of Atrazine and Its Metabolites in an Orchard Soil and Their Uptake by Oat Plants. *J.Agric.Food Chem.* 25: 1408-1413.
EcoReference No.: 70997
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: TARGET(ATZ).
- Klaassen, H. E. and Kadoum, A. M. (1979). Distribution and Retention of Atrazine and Carbofuran in Farm Pond Ecosystems. *Arch.Envirn.Contam.Toxicol.* 8: 345-353.
EcoReference No.: 564
Chemical of Concern: CBF,ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Lakshminarayana, J. S. S., O'Neill, H. J., Jonnavithula, S. D., Leger, D. A., and Milburn, P. H. (1992). Impact of Atrazine-Bearing Agricultural Tile Drainage Discharge on Planktonic Drift of a Natural Stream. *Environ.Pollut.* 76: 201-210.
EcoReference No.: 12746
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ).
- Marrs, R. H., Williams, C. T., Frost, A. J., and Plant, R. A. (1989). Assessment of the Effects of Herbicide Spray Drift on a Range of Plant Species of Conservation Interest. *Environ.Pollut.* 59: 71-86.
EcoReference No.: 81776
Chemical of Concern: MCPA,GYP,MTSM,CSF,ASM,MCP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO COC(ATZ).
- Mathew, R., Nelson, S., and Khan, S. U. (1996). Transformation Products Distribution of Atrazine in Corn Plants Treated with Radiolabelled Herbicide. *Chemosphere* 33: 2395-2402.
EcoReference No.: 51975
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

- Mayasich, J. M., Karlander, E. P., and Terlizzi, D. E. Jr. (1987). Growth Responses of *Nannochloris oculata* Droop and *Phaeodactylum tricornutum* Bohlin to the Herbicide Atrazine as Influenced by Light Intensity and Temperature in Unialgal and Bialgal Assemblage. *Aquat.Toxicol.* 10: 187-197.
EcoReference No.: 12580
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ).
- Neugebauer, K., Zieris, F. J., and Huber, W. (1990). Ecological Effects of Atrazine on Two Outdoor Artificial Freshwater Ecosystems. *Z.Wasser- Abwasser- Forsch.* 23: 11-17.
EcoReference No.: 65532
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Raveton, M., Ravanel, P., Serre, A. M., Nurit, F., and Tissut, M. (1997). Kinetics of Uptake and Metabolism of Atrazine in Model Plant Systems. *Pestic.Sci.* 49: 157-163.
EcoReference No.: 64405
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).
- Roberts, S., Vasseur, P., and Dive, D. (1990). Combined Effects Between Atrazine, Copper and pH, on Target and Non Target Species. *Water Res.* 24: 485-491.
EcoReference No.: 3139
Chemical of Concern: ATZ,CuS; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS).
- Schober, U. and Lampert, W. (1977). Effects of Sublethal Concentrations of the Herbicide Atrazin on Growth and Reproduction of *Daphnia pulex*. *Bull.Environ.Contam.Toxicol.* 17: 269-277 (OECDG Data File).
EcoReference No.: 7553
Chemical of Concern: ATZ; Habitat: A; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(ATZ).
- Trapp, S., Matthies, M., Scheunert, I., and Topp, E. M. (1990). Modeling the Bioconcentration of Organic Chemicals in Plants. *Environ.Sci.Technol.* 24: 1246-1252.
EcoReference No.: 80266
Chemical of Concern: ATZ,DLD,DDT,HCB,PCB; Habitat: T; Effect Codes: BCM,CEL,PHY; Rejection Code: OK TARGET(ATZ).
- Walker, C. R. (1964). Simazine and Other S-Triazine Compounds as Aquatic Herbicides in Fish Habitats. *Weeds* 12: 134-139.
EcoReference No.: 8041
Chemical of Concern: SZ,ATZ; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(SZ),NO ENDPOINT(ATZ).
- Walker, S. R., Robinson, G. R., and Hargreaves, P. A. (1997). Weed Control with Atrazine and Chlorsulfuron is Determined by Herbicide Availability and Persistence in Soils. *Aust.J.Agric.Res.* 48: 1003-1009.
EcoReference No.: 62727
Chemical of Concern: ATZ,CSF; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

ATRAZINE post-IREDD (October 2003 - February 2006)
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

- Abdel-Hamid, M. I. (1996). Development and Application of a Simple Procedure for Toxicity Testing Using Immobilized Algae. *Water Sci.Technol.* 33: 129-138.
EcoReference No.: 69584

- Chemical of Concern: SZ,ATZ,GYP,DMT,CSF,PCZ,MCPA,DPP; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Allran, J. W. and Karasov, W. H. (2000). Effects of Atrazine and Nitrate on Northern Leopard Frog (*Rana pipiens*) Larvae Exposed in the Laboratory from Posthatch Through Metamorphosis. *Environ.Toxicol.Chem.* 19: 2850-2855.
EcoReference No.: 56572
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,MOR,BCM; Rejection Code: **Less sensitive endpoint. No effect at highest test concentration.**
- Anderson, T. D. and Lydy, M. J. (2002). Increased Toxicity to Invertebrates Associated with a Mixture of Atrazine and Organophosphate Insecticides. *Environ.Toxicol.Chem.* 21: 1507-1514.
EcoReference No.: 64955
Chemical of Concern: ATZ,DZ,CPY,MP; Habitat: AT; Effect Codes: ACC,MOR,BCM; Rejection Code: **No effect at single test concentration. Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Anderson, T. D. and Zhu, K. Y. (2004). Synergistic and Antagonistic Effects of Atrazine on the Toxicity of Organophosphorodithioate and Organophosphorothioate Insecticides to *Chironomus tentans* (Diptera: Chironomidae). *Pestic.Biochem.Physiol.* 80: 54-64.
EcoReference No.: 74947
Chemical of Concern: DMT,DS,DEM,ATZ,PPB,OMT; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: **Less sensitive endpoint. No effect at single test concentration. Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Ashby, J., Tinwell, H., Stevens, J., Pastoor, T., and Breckenridge, C. B. (2002). The Effects of Atrazine on the Sexual Maturation of Female Rats. *Regul.Toxicol.Pharmacol.* 35: 468-473.
EcoReference No.: 81454
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Babic-Gojmerac, T., Kniewald, Z., and Kniewald, J. (1989). Testosterone Metabolism in Neuroendocrine Organs in Male Rats Under Atrazine and Deethylatrazine Influence. *J.Steroid Biochem.* 33: 141-146.
EcoReference No.: 81750
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Baekken, T. and Aanes, K. J. (1991). Pesticides in Norwegian Agriculture. Their Effects on Benthic Fauna in Lotic Environments. Preliminary Results. *Int.Assoc.Theor.Appl.Limnol.Proc./Int.Ver.Theor.Angew.Limnol.Verh.* 24: 2277-2281.
EcoReference No.: 13409
Chemical of Concern: ATZ,DMT,PCZ,MCPA,DPDP; Habitat: A; Effect Codes: MOR,POP; Rejection Code: **No effect at the highest test concentration.**
- Bathe, R., Ullman, L., Sachsse, K., and Hess, R. (1975). Relationship between Toxicity to Fish and to Mammals: A Comparative Study Under Defined Laboratory Conditions. *U.S.EPA-OPP Registration Standard.*
EcoReference No.: 12999
Chemical of Concern: ATZ,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: **Proprietary paper. Data not available.**
- Baturo, W. and Lagadic, L. (1996). Benzo(a)pyrene Hydroxylase and Glutathione S-Transferase Activities as Biomarkers in *Lymnaea palustris* (Mollusca, Gastropoda) Exposed to Atrazine and Hexachlorobenzene in Freshwater Mesocosms. *Environ.Toxicol.Chem.* 15: 771-781.
EcoReference No.: 16860
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,BCM; Rejection Code: **Biomarker endpoint not relevant to assessment endpoints.**

- 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; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Bednarz, T. (1981). The Effect of Pesticides on the Growth of Green and Blue-Green Algae Cultures. *Acta Hydrobiol.* 23: 155-172.
EcoReference No.: 17259
Chemical of Concern: 24DXY,ATZ,DU,SZ,MXC,DDT; Habitat: A; Effect Codes: POP,CEL; Rejection Code: **Less sensitive endpoint.**
- Belden, J. B. and Lydy, M. J. (2001). Effects of Atrazine on Acetylcholinesterase Activity in Midges (*Chironomus tentans*) Exposed to Organophosphorus Insecticides. *Chemosphere* 44: 1685-1689.
EcoReference No.: 62046
Chemical of Concern: ATZ,PRN,MLN; Habitat: A; Effect Codes: BCM; Rejection Code: **No effect at single test concentration. Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Benhra, A., Radetski, C. M., and Ferard, J. F. (1997). Cryoalgotox: Use of Cryopreserved Alga in a Semistatic Microplate Test. *Environ.Toxicol.Chem.* 16: 505-508.
EcoReference No.: 17613
Chemical of Concern: ATZ,CuS,Cd,Cr; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Berard, A. and Benninghoff, C. (2001). Pollution-Induced Community Tolerance (PICT) and Seasonal Variations in the Sensitivity of Phytoplankton to Atrazine in Nanocosms. *Chemosphere* 45: 427-437.
EcoReference No.: 62042
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM.POP,SYS; Rejection Code: **Less sensitive endpoint.**
- Berard, A., Dorigo, U., Mercier, I., Becker-Van Slooten, K., Grandjean, D., and Leboulanger, C. (2003). Comparison of the Ecotoxicological Impact of the Triazines Irgarol 1051 and Atrazine on Microalgal Cultures and Natural Microalgal Communities in Lake Geneva. *Chemosphere* 53: 935-944.
EcoReference No.: 72626
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Berard, A., Leboulanger, C., and Pelte, T. (1999). Tolerance of *Oscillatoria limnetica* Lemmermann to Atrazine in Natural Phytoplankton Populations and in Pure Culture: Influence of Season and Temperature. *Arch.Environ.Contam.Toxicol.* 37: 472-479 .
EcoReference No.: 20576
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Endpoint Less Sensitive and/or equal to 10 ppb value from the IRED.**
- Berard, A., Pelte, T., and Druart, J. C. (1999). Seasonal Variations in the Sensitivity of Lake Geneva Phytoplankton Community Structure to Atrazine. *Arch.Hydrobiol.* 145: 277-295.
EcoReference No.: 47486
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Used in CASM.**
- Bird, K. T. (1993). Comparisons of Herbicide Toxicity Using In Vitro Cultures of *Myriophyllum spicatum*. *J.Aquat.Plant Manag.* 31 : 43-45.
EcoReference No.: 13730
Chemical of Concern: 24DXY,ATZ,GYP; Habitat: A; Effect Codes: GRO; Rejection Code: **Less sensitive endpoint.**

- Bogaerts, P., Bohatier, J., and Bonnemoy, F. (2001). Use of the Ciliated Protozoan *Tetrahymena pyriformis* for the Assessment of Toxicity and Quantitative Structure-Activity Relationships of Xenobiotics: Comparison with the Microtox Test. *Ecotoxicol.Environ.Saf.* 49: 293-301.
EcoReference No.: 62033
Chemical of Concern:
Hg,Cd,CuS,CrAC,Zn,Mn,Fe,Pb,Co,Ni,As,CBL,MLN,PRN,HCCH,DM,ATZ,DU,PL, Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Bolle, P., Mastrangelo, S., Tucci, P., and Evandri, M. G. (2004). Clastogenicity of Atrazine Assessed with the *Allium cepa* Test. *Environ.Mol.Mutagen.* 43: 137-141.
EcoReference No.: 81735
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: **Genetic chromosomal aberration endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Bouilly, K., Leita, A., McCombie, H., and Lapegue, S. (2003). Impact of Atrazine on Aneuploidy in Pacific Oysters, *Crassostrea gigas*. *Environ.Toxicol.Chem.* 22: 219-223.
EcoReference No.: 68194
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: **Less sensitive endpoint.**
- Bouilly, K., McCombie, H., Leita, A., and Lapegue, S. (2004). Persistence of Atrazine Impact on Aneuploidy in Pacific Oysters, *Crassostrea gigas*. *Mar.Biol.* 145: 699-705.
EcoReference No.: 81756
Chemical of Concern: ATZ; Habitat: A; Effect Codes: REP,GRO,CEL; Rejection Code: **Genetic cellular endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Bringolf, R. B., Belden, J. B., and Summerfelt, R. C. (2004). Effects of Atrazine on Fathead Minnow in a Short-Term Reproduction Assay. *Environ.Toxicol.Chem.* 23: 1019-1025.
EcoReference No.: 72793
Chemical of Concern: ATZ; Habitat: A; Effect Codes: REP,GRO,BCM; Rejection Code: **No statistically significant effects observed at the highest test concentration (44 ppb).**
- Britson, C. A. and Threlkeld, S. T. (1998). Abundance, Metamorphosis, Developmental, and Behavioral Abnormalities in *Hyla chrysoscelis* Tadpoles Following Exposure to Three Agrichemicals and Methyl Mercury in Outdoors Mesocosms. *Bull.Environ.Contam.Toxicol.* 61: 154-161.
EcoReference No.: 19806
Chemical of Concern: ATZ,MSMA,CPY; Habitat: A; Effect Codes: POP,GRO,BEH; Rejection Code: **Not applicable: mixtures of atrazine, chlorpyrifos, MSMA, and methyl mercury tested.**
- Brown, L. S. and Lean, D. R. S. (1995). Toxicity of Selected Pesticides to Lake Phytoplankton Measured Using Photosynthetic Inhibition Compared to Maximal Uptake Rates of Phosphate and Ammonium. *Environ.Toxicol.Chem.* 14: 93-98.
EcoReference No.: 13724
Chemical of Concern: 24DXY,ATZ,DBN,DU,PMT,SZ,TFN,PPZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Endpoint Less Sensitive.**
- Brust, G. E. (1990). Direct and Indirect Effects of Four Herbicides on the Activity of Carabid Beetles (Coleoptera: Carabidae). *Pestic.Sci.* 30: 309-320.
EcoReference No.: 70406
Chemical of Concern: SZ,ATZ,GYP,PAQT; Habitat: T; Effect Codes: BEH,MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Butler, P. A. (1965). Effects of Herbicides on Estuarine Fauna. *Proc.South.Weed Conf.* 18: 576-580.
EcoReference No.: 14134
Chemical of Concern:
DU,ATZ,AMTR,PMT,PRO,ACL,D CPA,PAQT,MLT,NTP,TBF,VNT,EPTC,PCL,PEB,DDT,24DXY,BEE;
Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: **No effect level at highest test concentration.**

- Cain, J. R. and Cain, R. K. (1983). The Effects of Selected Herbicides on Zygosphaera Germination and Growth of Chlamydomonas moewusii (Chlorophyceae, Volvocales). *J. Phycol.* 19: 301-305.
EcoReference No.: 61203
Chemical of Concern:
EDT,ATZ,DU,PCL,24DXY,PAQT,PRO,PPN,DMB,LNR,ACR,AMTR,BMN,AMTL; Habitat: A; Effect Codes: POP,REP,MOR; Rejection Code: **Less sensitive endpoint.**
- Carr, J. A., Gentles, A., Smith, E. E., Goleman, W. L., Urquidí, L. J., Thuett, K., Kendall, R. J., Giesy, J. P., Gross, T. S., Solomon, K. R., and Van der Kraak, G. (2003). Response of Larval Xenopus laevis to Atrazine: Assessment of Growth, Metamorphosis, and Gonadal and Laryngeal Morphology. *Environ.Toxicol.Chem.* 22: 396-405.
EcoReference No.: 68175
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BEH,GRO,MOR; Rejection Code: **Reviewed as part of the Amphibian White Paper.**
- Carrasco, J. M. and Sabater, C. (1997). Toxicity of Atrazine and Chlorsulfuron to Algae. *Toxicol.Environ.Chem.* 59: 89-99.
EcoReference No.: 6712
Chemical of Concern: ATZ,CSF; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- 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; Rejection Code: **Biomolecular indicators of genetic cell damage cannot be quantitatively linked to the selected assessment endpoints.**
- Chio, H. and Sanborn, J. R. (1978). The Metabolism of Atrazine, Chloramben, and Dicamba in Earthworms (Lumbricus terrestris) from Treated and Untreated Plots. *Weed Sci.* 26: 331-335.
EcoReference No.: 36146
Chemical of Concern: ATZ,DMB; Habitat: T; Effect Codes: ACC; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Christensen, E. R., Chen, D., Nyholm, N., and Kusk, K. O. (2001). Joint Action of Chemicals in Algal Toxicity Tests: Influence of Response Level and Dose-Response Regression Model. *Environ.Toxicol.Chem.* 20: 2361-2369.
EcoReference No.: 62292
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Christl, T. J., Pennington, P., DeLorenzo, M., Karnaky, K. J. Jr., and Scott, G. I. (2004). Effect of Multiple Atrazine Exposure Profiles on Hemocyte DNA Integrity in the Eastern Oyster (Crassostrea virginica). *Bull.Environ.Contam.Toxicol.* 73: 404-410.
EcoReference No.: 79392
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: **Cellular genetic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- 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; Habitat: A; Effect Codes: CEL,MOR; Rejection Code: **Less sensitive endpoint.**
- Connors, D. E. and Black, M. C. (2004). Evaluation of Lethality and Genotoxicity in the Freshwater Mussel

- Utterbackia imbecillis (Bivalvia: Unionidae) Exposed Singly and in Combination to Chemicals Used in Lawn Care. *Arch.Environ.Contam.Toxicol.* 46: 362-371.
EcoReference No.: 74236
Chemical of Concern: ATZ,GYP,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint. Cellular genetic endpoint cannot be quantitatively linked to the selected assessment endpoints.**
- Connor, K., Howell, J., Chen, I., Liu, H., Berhane, K., Sciarretta, C., Safe, S., and Zacharewski, T. (1996). Failure of Chloro-s-Triazine-Derived Compounds to Induce Estrogen Receptor-Mediated Responses In Vivo and In Vitro. *Fundam.Appl.Toxicol.* 30: 93-101.
EcoReference No.: 69587
Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Conrad, R., Buchel, C., Wilhelm, C., Arsalane, W., Berkloff, C., and Duval, J. C. (1993). Changes in Yield of In-Vivo Fluorescence of Chlorophyll a as a Tool for Selective Herbicide Monitoring. *J.Appl.Phycol.* 5: 505-516.
EcoReference No.: 14619
Chemical of Concern: ATZ,DU,SZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Less sensitive endpoint.**
- Cooper, R. L., Stoker, T. E., Goldman, J. M., Parrish, M. B., and Tyrey, L. (1996). Effect of Atrazine on Ovarian Function in the Rat. *Reprod.Toxicol.* 10: 257-264.
EcoReference No.: 68625
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,PHY,GRO; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Cortet, J., Gillon, D., Joffre, R., Ourcival, J. M., and Poinso-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; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Dabydeen, S. and Leavitt, J. R. C. (1981). Absorption and Effect of Simazine and Atrazine on Elodea canadensis. *Bull.Environ.Contam.Toxicol.* 26: 381-385.
EcoReference No.: 69588
Chemical of Concern: ATZ,SZ; Habitat: A; Effect Codes: CEL,ACC,PHY; Rejection Code: **Plant residue studies were not considered for this assessment.**
- 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,PHY; Habitat: A; Rejection Code: **Endpoint Less Sensitive.**
- Del carmen Alvarez, M. and Fuiman, L. A. (2005). Environmental Levels of Atrazine and Its Degradation Products Impair Survival Skills and Growth of Red Drum Larvae. *Aquat.Toxicol.* 74: 229-241.
EcoReference No.: 81463
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,BEH,PHY; Rejection Code: **Behavioral endpoint cannot be quantitatively linked to the selected assessment endpoints. Survival endpoint less sensitive.**
- DeLorenzo, M. E., Lauth, J., Pennington, P. L., Scott, G. I., and Ross, P. E. (1999). Atrazine Effects on the Microbial Food Web in Tidal Creek Mesocosms. *Aquat.Toxicol.* 46: 241-251.
EcoReference No.: 20335
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY,POP; Rejection Code: **Endpoints to**

saltwater species not evaluated in this assessment.

- DeLorenzo, M. E., Leatherbury, M., Weiner, J. A., Lewitus, A. J., and Fulton, M. H. (2004). Physiological Factors Contributing to the Species-Specific Sensitivity of Four Estuarine Microalgal Species Exposed to the Herbicide Atrazine. *Aquat.Ecosyst.Health Manage.* 7: 137-146.
EcoReference No.: 81739
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,POP,BCM; Rejection Code: **Less sensitive endpoint.**
- DeLorenzo, M. E., Scott, G. I., and Ross, P. E. (1999). Effects of the Agricultural Pesticides Atrazine, Deethylatrazine, Endosulfan, and Chlorpyrifos on an Estuarine Microbial Food Web. *Environ.Toxicol.Chem.* 18: 2824-74.
EcoReference No.: 48627
Chemical of Concern: ATZ,CPY,ES,DEATZ; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint.**
- DeLorenzo, M. E. and Serrano, L. (2003). Individual and Mixture Toxicity of Three Pesticides; Atrazine, Chlorpyrifos, and Chlorothalonil to the Marine Phytoplankton Species *Dunaliella tertiolecta*. *J.Environ.Sci.Health Part B* 38: 529-538.
EcoReference No.: 81619
Chemical of Concern: ATZ,CPY,CTN; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- DeNoyelles, F. and Kettle, D. (1980). Herbicides in Kansas Waters - Evaluations of the Effects of Agricultural Runoff and Aquatic Weed Control on Aquatic Food Chains. *Project Completion Rep., Project No.A-092-KAN, Office of Water Res.Technol., U.S.D.I., Washington, D.C.* 40 p.
EcoReference No.: 13213
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,PHY,REP; Rejection Code: **Used in CASM.**
- DeNoyelles, F. Jr. and Kettle, W. D. (1985). Experimental Ponds for Evaluating Bioassay Predictions. In: T.P.Boyle (Ed.), *Validation and Predictability of Laboratory Methods for Assessing the Fate and Effects of Contaminants in Aquatic Ecosystems, 1st Symposium, ASTM STP 865, Philadelphia, PA* 91-103.
EcoReference No.: 9504
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: **Used in CASM.**
- DeNoyelles, F. Jr., Kettle, W. D., Fromm, C. H., Moffett, M. F., and Dewey, S. L. (1989). Use of Experimental Ponds to Assess the Effects of a Pesticide on the Aquatic Environment. In: J.R.Voshell,Jr.(Ed.), *Using Mesocosms to Assess the Aquatic Ecological Risk of Pesticides: Theory and Practice, Misc.Publ.No.75* 41-56.
EcoReference No.: 61566
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Used in CASM.**
- Detenbeck, N. E., Hermanutz, R., Allen, K., and Swift, M. C. (1996). Fate and Effects of the Herbicide Atrazine in Flow-Through Wetland Mesocosms. *Environ.Toxicol.Chem.* 15: 937-946.
EcoReference No.: 16839
Chemical of Concern: ATZ; Habitat: A; Effect Codes: SYS,PHY,POP,GRO,BCM,MOR; Rejection Code: **Used in CASM.**
- Donna, A., Betta, P. G., Robutti, F., and Bellingeri, D. (1986). Carcinogenicity Testing of Atrazine: Preliminary Report on a 13-Month Study on Male Swiss Albino Mice Treated by Intraperitoneal Administration. *G.Ital.Med.Lav.* 8: 119-121.
EcoReference No.: 79999
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL,MOR; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Dorigo, U. and Leboulanger, C. (2001). A Pulse-Amplitude Modulated Fluorescence-Based Method for Assessing the Effects of Photosystem II Herbicides on Freshwater Periphyton. *J.Appl.Phycol.* 13: 509-515.

- EcoReference No.: 81753
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Less sensitive endpoint.**
- Downs, C. A., Dillon, R. T. Jr., Fauth, J. E., and Woodley, C. M. (2001). A Molecular Biomarker System for Assessing the Health of Gastropods (*Ilyanassa obsoleta*) Exposed to Natural and Anthropogenic Stressors. *J.Exp.Mar.Biol.Ecol.* 259: 189-214.
EcoReference No.: 66412
Chemical of Concern: Cd,ATZ,ES; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Downs, C. A., Fauth, J. E., and Woodley, C. M. (2001). Assessing the Health of Grass Shrimp (*Palaeomonetes pugio*) Exposed to Natural and Anthropogenic Stressors: A Molecular Biomarker System. *Mar.Biotechnol.* 3: 380-397.
EcoReference No.: 75616
Chemical of Concern: Cd,ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Drost, W., Backhaus, T., Vassilakaki, M., and Grimme, L. H. (2003). Mixture Toxicity of s-Triazines to *Lemna minor* Under Conditions of Simultaneous and Sequential Exposure. *Fresenius Environ.Bull.* 12: 601-607.
EcoReference No.: 81431
Chemical of Concern: ATZ,AMTR,PMT,PRO; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Du Preez, H. H. and Van Vuren, J. H. J. (1992). Bioconcentration of Atrazine in the Banded Tilapia, *Tilapia sparrmanii*. *Comp.Biochem.Physiol.C* 101: 651-655.
EcoReference No.: 6455
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: **Bioconcentration factor.**
- Du Preez, L. and Solomon, K. R. (2003). Exposure of *Xenopus laevis* Larvae to Different Concentrations of Atrazine in Semi-natural Microcosms. *Final Rep.SA-01-D, Schl.of Environ.Sci.and Dev., Zool.Dep., Potchefstroom Univ.of CHE, Potchefstroom, South Africa* 44 p.
EcoReference No.: 78091
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: **Reviewed as part of the Amphibian White Paper.**
- EG&G Bionomics (1979). Effect of Atrazine on Developing Communities of Benthic Macroinvertebrate Estuarine Organisms. *Rep.No.BP-79-11-163R, Submitted to CIBA-Geigy Corp., Greensboro, NC, by the EG&G Bionomics, Mar.Res.Lab., Pensacola, FL* 21 p.
EcoReference No.: 61556
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Study reported an increase in arthropod population values at all test concentrations of atrazine. No other adverse effects were reported; therefore, this study does not provide a more sensitive endpoint.**
- Egaas, E., Skaare, J. U., Svendsen, N. O., Sandvik, M., Falls, J. G., Dauterman, W. C., Collier, T. K., and Netland, J. (1993). A Comparative Study of Effects of Atrazine on Xenobiotic Metabolizing Enzymes in Fish and Insect, and of the In Vitro Phase II Atrazine Metabolism in Some Fish, Insects, Mammals and One Plant Species. *Comp.Biochem.Physiol.C* 106: 141-149.
EcoReference No.: 19175
Chemical of Concern: ATZ; Habitat: AT; Effect Codes: BCM,MOR,GRO; Rejection Code: **Biochemical enzymatic endpoint cannot be quantitatively linked to the selected assessment endpoints.**
- El Jay, A., Ducruet, J. M., Duval, J. C., and Pelletier, J. P. (1997). A High-Sensitivity Chlorophyll Fluorescence Assay for Monitoring Herbicide Inhibition of Photosystem II in the Chlorophyte *Selenastrum capricornutum*: Comparison with Effect on Cell Growth. *Arch.Hydrobiol.* 140: 273-286.
EcoReference No.: 59914
Chemical of Concern: ATZ,SZ,DU; Habitat: A; Effect Codes: POP,ACC; Rejection Code: **Less**

sensitive endpoint.

Eldridge, J. C., Fleenor-Heyser, D. G., Extrom, P. C., Wetzel, L. T., Breckenridge, C. B., Gillis, J. H., Luempert, III L. G. I., and Stevens, J. T. (1994). Short-Term Effects of Chlorotriazines on Estrus in Female Sprague-Dawley and Fischer 344 Rats. *J.Toxicol.Environ.Health* 43: 155-167.

EcoReference No.: 48959

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,BCM,REP,MOR; Rejection Code:

Terrestrial mammalian endpoints were not considered for this assessment.

Eldridge, J. C., Tennant, M. K., Wetzel, L. T., Breckenridge, C. B., and Stevens, J. T. (1994). Factors Affecting Mammary Tumor Incidence in Chlorotriazine-Treated Female Rats: Hormonal Properties, Dosage, and Animal Strain. *Environ.Health Perspect.* 102: 29-36.

EcoReference No.: 69944

Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP,BCM,CEL; Rejection Code: Terrestrial

mammalian endpoints were not considered for this assessment.

Elezovic, I., Budimir, M., Karan, V., and Neskovic, N. K. (1994). Herbicides in Water: Subacute Toxic Effects on Fish. In: R.Muller and R.Lloyd (Eds.), *Sublethal and Chronic Effects of Pollutants on Freshwater Fish, Chapter 3, Fishing News Books, London* 30-38 (Publ in Part As 4321, 6681, 16438).

EcoReference No.: 18518

Chemical of Concern: 24DXY,ATZ,DBN,GYP; Habitat: A; Effect Codes: BCM,MOR; Rejection Code:

Less sensitive endpoint. Study also includes less sensitive biochemical endpoints that cannot be quantitatively linked to the selected assessment endpoints.

Elia, A. C., Waller, W. T., and Norton, S. J. (2002). Biochemical Responses of Bluegill Sunfish (*Lepomis macrochirus*, Rafinesque) to Atrazine Induced Oxidative Stress. *Bull.Environ.Contam.Toxicol.* 68: 809-816.

EcoReference No.: 81458

Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: Less sensitive endpoint.

Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.

Fairchild, J. F., La Point, T. W., and Schwartz, T. R. (1994). Effects of an Herbicide and Insecticide Mixture in Aquatic Mesocosms. *Arch.Environ.Contam.Toxicol.* 27: 527-533.

EcoReference No.: 13679

Chemical of Concern: ATZ,EFV; Habitat: A; Effect Codes: POP,MOR,SYS; Rejection Code: Used in

CASM.

Faust, M., Altenburger, R., Backhaus, T., Blanck, H., Boedeker, W., Gramatica, P., Hamer, V., Scholze, M., Vighi, M., and Grimme, L. H. (2001). Predicting the Joint Algal Toxicity of Multi-component s-Traizine Mixtures at Low-Effect Concentrations of Individual Toxicants. *Aquat.Toxicol.* 56: 13-32.

EcoReference No.: 62304

Chemical of Concern: SZ,PPZ,AMTR,PMT,CZE,ATZ,PRO; Habitat: A; Effect Codes: POP; Rejection

Code: Less sensitive endpoint.

Filipov, N. M., Pinchuk, L. M., Boyd, B. L., and Crittenden, P. L. (2005). Immunotoxic Effects of Short-Term Atrazine Exposure in Young Male C57BL/6 Mice. *Toxicol.Sci.* 86: 324-332.

EcoReference No.: 80508

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL, GRO, PHY; Rejection Code: Terrestrial

mammalian endpoints were not considered for this assessment.

Forbis, A. D. (1987). Uptake, Depuration, and Bioconcentration and Metabolite Characterization of 14C-Atrazine by Bluegill Sunfish (*Lepomis macrochirus*). *Final Rep.#34737,Analytical Bio-Chemistry Lab.,Columbia,MO* 107 p.

EcoReference No.: 78793

Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: Bioconcentration factor.

- Forney, D. R. (1979). Effects of Atrazine on Chesapeake Bay Aquatic Plants. *M.S.Thesis, Auburn University, Auburn, AL, Prepared for the Office of Water Res.and Technol., Washington, D.C.* 86 p. (U.S.NTIS PB81-115560).
EcoReference No.: 6331
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: **Less sensitive endpoint.**
- Forster, B., Heifetz, P. B., Lardans, A., Boynton, J. E., and Gillham, N. W. (1997). Herbicide Resistance and Growth of D1 Ala251 Mutants in Chlamydomonas. *Z.Naturforsch.Sect.C* 52: 654-664.
EcoReference No.: 71603
Chemical of Concern: ATZ,BMC,MBZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Fort, D. J., Rogers, R. L., Thomas, J. H., Buzzard, B. O., Noll, A. M., and Spaulding, C. D. (2004). Comparative Sensitivity of Xenopus tropicalis and Xenopus laevis as Test Species for the FETAX Model. *J.Appl.Toxicol.* 24: 443-457.
EcoReference No.: 81751
Chemical of Concern: ATZ,CU; Habitat: AT; Effect Codes: MOR,GRO; Rejection Code: **Less sensitive endpoint.**
- Foster, S., Thomas, M., and Korth, W. (1998). Laboratory-Derived Acute Toxicity of Selected Pesticides to Ceriodaphnia dubia. *Australas.J.Ecotoxicol.* 4: 53-59.
EcoReference No.: 67777
Chemical of Concern: SZ,ATZ,CPY; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**
- Fox, C. J. S. (1964). The Effects of Five Herbicides on the Numbers of Certain Invertebrate Animals in Grassland Soil. *Can.J.Plant Sci.* 44: 405-409.
EcoReference No.: 36668
Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Francois, D. L. and Robinson, G. G. C. (1990). Indices of Triazine Toxicity in Chlamydomonas geitleri Ettl. *Aquat.Toxicol.* 16: 205-228.
EcoReference No.: 69582
Chemical of Concern: SZ,ATZ; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Fratello, B., Bertolani, R., Sabatini, M. A., Mola, L., and Rassu, M. A. (1985). Effects of Atrazine on Soil Microarthropods in Experimental Maize Fields. *Pedobiologia* 28: 161-168.
EcoReference No.: 59428
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Freeman, J. L., Beccue, N., and Rayburn, A. L. (2005). Differential Metamorphosis Alters the Endocrine Response in Anuran Larvae Exposed to T3 and Atrazine. *Aquat.Toxicol.* 75: 263-276.
EcoReference No.: 81460
Chemical of Concern: ATZ; Habitat: AT; Effect Codes: GRO,CEL; Rejection Code: **Less sensitive endpoint.**
- Freeman, J. L. and Rayburn, A. L. (2005). Developmental Impact of Atrazine on Metamorphosing Xenopus laevis as Revealed by Nuclear Analysis and Morphology. *Environ.Toxicol.Chem.* 24: 1648-1653.
EcoReference No.: 81459
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: **Less sensitive endpoint.**

- Freeman, J. L. and Rayburn, A. L. (2004). In Vivo Genotoxicity of Atrazine to Anuran Larvae. *Mutat.Res.* 560: 69-78.
EcoReference No.: 78644
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: Genotoxicity endpoints cannot be quantitatively linked to the assessment endpoints.
- Friedmann, A. S. (2002). Atrazine Inhibition of Testosterone Production in Rat Males Following Peripubertal Exposure. *Reprod.Toxicol.* 16: 275-279.
EcoReference No.: 81461
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Friesen-Pankratz, B., Doebel, C., Farenhorst, A., and Goldsborough, L. G. (2003). Interactions Between Algae (*Selenastrum capricornutum*) and Pesticides: Implications for Managing Constructed Wetlands for Pesticide Removal. *J.Environ.Sci.Health Part B* 38: 147-155.
EcoReference No.: 78287
Chemical of Concern: ATZ,HCCH; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Gagnaire, B., Renault, T., Bouilly, K., Lapegue, S., and Thomas-Guyon, H. (2003). Study of Atrazine Effects on Pacific Oyster, *Crassostrea gigas*, Haemocytes. *Curr.Pharm.Des.* 8: 99-110.
EcoReference No.: 71602
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: No effect at highest test concentration. Cellular and biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.
- Gala, W. R. and Giesy, J. P. (1990). Flow Cytometric Techniques to Assess Toxicity to Algae. In: W.G.Landis and W.H.Van der Schalie (Eds.), *Aquatic Toxicology and Risk Assessment, 13th Volume, ASTM STP 1096, Philadelphia, PA* 237-246.
EcoReference No.: 18933
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY,POP,MOR,CEL; Rejection Code: Less sensitive endpoint.
- Gaunt, P. S. (1996). Extraction and Analysis of Triazines in Fish Tissues Following a Toxic Exposure; Environmental Factors Affecting Atrazine Toxicity in Fish. *Ph.D.Thesis, Louisiana State Univ., Baton Rouge, LA* 211 p.
EcoReference No.: 70836
Chemical of Concern: ATZ,MBZ,SZ; Habitat: A; Effect Codes: ACC,MOR; Rejection Code: Less sensitive endpoint.
- Genoni, G. P. (1992). Short-Term Effect of a Toxicant on Scope for Change in Ascendency in a Microcosm Community. *Ecotoxicol.Environ.Saf.* 24: 179-191.
EcoReference No.: 5986
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Gerard, C. and Poullain, V. (2005). Variation in the Response of the Invasive Species *Potamopyrgus antipodarum* (Smith) to Natural (Cyanobacterial Toxin) and Anthropogenic (Herbicide Atrazine) Stressors. *Environ.Pollut.* 138: 28-33.
EcoReference No.: 81462
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BEH; Rejection Code: Behavioral effects including horizontal movement cannot be quantitatively linked to the selected assessment endpoints.
- Geyer, H., Scheunert, I., and Korte, F. (1985). The Effects of Organic Environmental Chemicals on the Growth of the Alga *Scenedesmus subspicatus*: A Contribution to Environmental Biology. *Chemosphere* 14: 1355-1369.
EcoReference No.: 11677

- Chemical of Concern: PCP,ATZ,BNZ,4WP,HCCH,DBN; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Girling, A. E., Pascoe, D., Janssen, C. R., Peither, A., Wenzel, A., Schafer, H., Neumeier, B., Mitchell, G. C., Taylor, E. J., Maund, S. J., Lay, J. P., Juttner, I., Crossland, N. O., Stephenson, R. R., and Persoone, G. (2000). Development of Methods for Evaluating Toxicity to Freshwater Ecosystems. *Ecotoxicol.Environ.Saf.* 45: 148-176.
EcoReference No.: 49576
Chemical of Concern: HCCH,ATZ,CuS,Cu; Habitat: A; Effect Codes: BEH,PHY,POP,MOR,GRO,REP; Rejection Code: **Endpoint for gammarus (precopula separation 24-h NOAEC of 11 ppb) cannot be quantitatively linked to the selected assessment endpoints. No effects on population density, drift, and neonate growth at highest concentration of 370 ppb. All aquatic plant endpoints are less sensitive.**
- Girman, G. R. (1975). The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh. *M.S.Thesis, University of Manitoba* 179 p.
EcoReference No.: 13583
Chemical of Concern: 24DXY,MCPA,SZ,ATZ,AMTL,LNR,EPTC,TRL,PAQT,Cu; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**
- Gluth, G. and Hanke, W. (1984). A Comparison of Physiological Changes in Carp, *Cyprinus carpio*, Induced by Several Pollutants at Sublethal Concentration - II. The Dependency on. *Comp.Biochem.Physiol.C* 79: 39-45.
EcoReference No.: 11249
Chemical of Concern: ATZ,AND,TOL,EN,HCCH,4NP,DDT; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical hormonal cortisol endpoint cannot be quantitatively linked to the selected assessment endpoints.**
- Gojmerac, T., Kartal, B., Zuric, M., Curic, S., and Mitak, M. (1995). Serum Biochemical and Histopathological Changes Related to the Hepatic Function in Pigs Following Atrazine Treatment. *J.Appl.Toxicol.* 15: 233-236.
EcoReference No.: 49616
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Gojmerac, T., Pleadin, J., Zuric, M., Rajkovic-Janje, R., and Korsic, M. (2004). Serum Luteinizing Hormone Response to Administration of Gonadotropin-Releasing Hormone to Atrazine-Treated Gilts. *Vet.Hum.Toxicol.* 46: 245-247.
EcoReference No.: 81732
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment. Biochemical hormonal endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Goleman, W. L. and Carr, J. A. (2003). Response of Larval *Xenopus laevis* to Atrazine Exposure: Assessment of Metamorphosis and Gonadal and Laryngeal Morphology. *Final Rep.TTU-01, Inst.of Environ.and Hum.Health, Texas Tech Univ., Texas Tech Univ.Health Sci.Ctr., Lubbock, TX* 104 p.
EcoReference No.: 78089
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: **In White Paper on Amphibians.**
- Gonzalez-Barreiro, O., Rioboo, C., Cid, A., and Herrero, C. (2004). Atrazine-Induced Chlorosis in *Synechococcus elongatus* Cells. *Arch.Environ.Contam.Toxicol.* 46: 301-307.
EcoReference No.: 74232
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,BCM,CEL; Rejection Code: **Less sensitive endpoint.**
- Gorge, G. and Nagel, R. (1990). Kinetics and Metabolism of 14C-Lindane and 14C-Atrazine in Early Life Stages of Zebrafish (*Brachydanio rerio*). *Chemosphere* 21: 1125-1137.

- EcoReference No.: 246
Chemical of Concern: ATZ,HCCH; Habitat: A; Effect Codes: ACC; Rejection Code: **Bioconcentration factor.**
- Greenlee, A. R., Ellis, T. M., and Berg, R. L. (2004). Low-Dose Agrochemicals and Lawn-Care Pesticides Induce Developmental Toxicity in Murine Preimplantation Embryos. *Environ.Health Perspect.* 112: 703-709.
EcoReference No.: 82041
Chemical of Concern: ATZ,CPY,DMB,MTL,DEAC,PDM,MCP,PTBO,PMR,CTN,MZB,NHN; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- 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: AZT,PMT,MBZ,BT,DU,PPN,PQT,PHMD,MCPA,24DXY,ACR,SXD,DFPM,DBN,GYP,IZT,IMQ,CSF; Habitat: AT; Effect Codes: GRO,POP; Rejection Code: **Less sensitive endpoint.**
- Guasch, H., Admiraal, W., and Sabater, S. (2003). Contrasting Effects of Organic and Inorganic Toxicants on Freshwater Periphyton. *Aquat.Toxicol.* 64: 165-175.
EcoReference No.: 71806
Chemical of Concern: Zn,ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Less sensitive endpoint.**
- Guasch, H. and Sabater, S. (1998). Light History Influences the Sensitivity to Atrazine in Periphytic Algae. *J.Phycol.* 34: 233-241.
EcoReference No.: 59874
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: **Less sensitive endpoint.**
- Gunkel, G. (1984). Investigations of the Ecotoxicological Effect of a Herbicide in an Aquatic Model Ecosystem. II. Food Chain Significance and Pesticide Balance. *Arch.Hydrobiol.Suppl.* 69: 130-168 (GER) (ENG ABS) (ENG TRANSL).
EcoReference No.: 11887
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: **Bioconcentration factor.**
- Gunther, P. and Pestemer, W. (1990). Risk Assessment for Selected Xenobiotics by Bioassay Methods with Higher Plants. *Environ.Manag.* 14: 381-388 (OECDG Data File).
EcoReference No.: 40564
Chemical of Concern: Cd,NaPCP,Cr,ATZ,DBN; Habitat: T; Effect Codes: GRO,REP; Rejection Code: **LITE EVAL CODED(ATZ,NaPCP),OK(ALL CHEMS). No control data presented. No raw data were provided; therefore EC25 and NOAEC endpoints could not be derived.**
- Gustavson, K. and Wangberg, S. A. (1995). Tolerance Induction and Succession in Microalgae Communities Exposed to Copper and Atrazine. *Aquat.Toxicol.* 32: 283-302 .
EcoReference No.: 4060
Chemical of Concern: ATZ,CuCl; Habitat: A; Effect Codes: PHY,POP,GRO; Rejection Code: **Used in CASM.**
- Hall, L. W. Jr., Anderson, R. D., and Ailstock, M. S. (1997). Chronic Toxicity of Atrazine to Sago Pondweed at a Range of Salinities: Implications for Criteria Development and Ecological Risk. *Arch.Environ.Contam.Toxicol.* 33: 261-267.
EcoReference No.: 18592
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,REP,BCM; Rejection Code: **Less sensitive endpoint.**

- Hamilton, P. B., Jackson, G. S., Kaushik, N. K., Solomon, K. R., and Stephenson, G. L. (1988). The Impact of Two Applications of Atrazine on the Plankton Communities of In Situ Enclosures. *Aquat.Toxicol.* 13: 123-140.
EcoReference No.: 13146
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Used in CASM.**
- Hanioka, N., Jinno, H., Tanaka-Kagawa, T., Nishimura, T., and Ando, M. (1998). Changes in Rat Liver Cytochrome P450 Enzymes by Atrazine and Simazine Treatment. *Xenobiotica* 28: 683-698.
EcoReference No.: 69580
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Hanke, W., Gluth, G., Bubel, H., and Muller, R. (1983). Physiological Changes in Carps Induced by Pollution. *Ecotoxicol.Environ.Saf.* 7: 229-241.
EcoReference No.: 10466
Chemical of Concern: ATZ,PCP,DDT; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical hormonal cortisol endpoint cannot be quantitatively linked to the selected assessment endpoints.**
- Haque, A. and Ebing, W. (1983). Toxicity Determination of Pesticides to Earthworms in the Soil Substrate. *J.Plant Dis.Prot.(Z.Pflanzenkr.Pflanzensch.)* 90: 395-408 (OECDG Data File).
EcoReference No.: 40493
Chemical of Concern:
Cu,Folpet,CBF,ATZ,TBO,ADC,ES,MDT,PPX,BMY,HCCH,PQT,CQTC,APA6,Captan,TDF,PAQT,CN,A DB; Habitat: T; Effect Codes: MOR,GRO,POP,BEH; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Hayes, T. B., Collins, A., Lee, M., Mendoza, M., Noriega, N., Stuart, A. A., and Vonk, A. (2002). Hermaphroditic, Demasculinized Frogs After Exposure to the Herbicide Atrazine at Low Ecologically Relevant Doses. *Proc.Natl.Acad.Sci.* 99: 5476-5480.
EcoReference No.: 70207
Chemical of Concern: ATZ; Habitat: AT; Effect Codes: GRO,MOR; Rejection Code: **In White Paper on Amphibians.**
- Hecker, M., Coady, K. K., Villeneuve, D. L., Murphy, M. B., Jones, P. D., and Giesy, J. P. (2003). A Pilot Study of Response of Larval *Rana clamitans* to Atrazine Exposure: Assessment of Metamorphosis and Gonadal and Laryngeal Morphology and Selected Hormones and Enzyme Activities. *Interim Rep.MSU-03, Aquat.Toxicol.Lab., Mich.State Univ., Natl.Food Saf.and Toxicol.Ctr., E.Lansing, MI* 79 p.
EcoReference No.: 78082
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: **In White Paper on Amphibians.**
- Hecker, M., Coady, K. K., Villeneuve, D. L., Murphy, M. B., Jones, P. D., and Giesy, J. P. (2003). Response of *Xenopus laevis* to Atrazine Exposure: Assessment of the Mechanism of Action of Atrazine. *Interim Rep.MSU-04, Aquat.Toxicol.Lab., Mich.State Univ., Natl.Food Saf.and Toxicol.Ctr., E.Lansing, MI* 143 p.
EcoReference No.: 78088
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: **In White Paper on Amphibians.**
- Hecker, M., Kim, W. J., Park, J. W., Murphy, M. B., Villeneuve, D., Coady, K. K., Jones, P. D., Solomon, K. R., Van der Kraak, G., Carr, J. A., Smith, E. E., Du Preez, L., Kendall, R. J., and Giesy, J. P. (2005). Plasma Concentrations of Estradiol and Testosterone, Gonadal Aromatase Activity and Ultrastructure of the Testis in *Xenopus laevis* Exposed to Estradiol or Atrazine. *Aquatic.Toxicol.* 72: 383-396 .
EcoReference No.: 79288
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,BCM,REP; Rejection Code: **Less sensitive endpoint. Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Hersh, C. M. and Crumpton, W. G. (1989). Atrazine Tolerance of Algae Isolated From Two Agricultural Streams. *Environ.Toxicol.Chem.* 8: 327-332.

- EcoReference No.: 393
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**
- Hershner, C., Ward, K., Illowsky, J., Delistraty, D., and Martorana, J. (1982). Effects of Atrazine on *Zostera marina* in Chesapeake Bay, Virginia. *U.S.EPA, Annapolis, MD* 286 p.
EcoReference No.: 62763
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,GRO,POP; Rejection Code: **Less sensitive endpoint.**
- Hess, F. D. (1980). A *Chlamydomonas* Algal Bioassay for Detecting Growth Inhibitor Herbicides. *Weed Sci.* 28: 515-520.
EcoReference No.: 6513
Chemical of Concern: ACR,ATZ,BMN,BS,DBN,GYP,MLT,TFN,BTY,CPP,AMTL,EPTC,PAQT,FDE;
Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Hiltibran, R. C. (1967). Effects of Some Herbicides on Fertilized Fish Eggs and Fry. *Trans.Am.Fish.Soc.* 96: 414-416.
EcoReference No.: 2751
Chemical of Concern: EDT,SZ,24DXY,ATZ,DBN,AMTL,IODP,As; Habitat: A; Effect Codes: MOR;
Rejection Code: **Less sensitive endpoint. No effect reported at the atrazine test concentrations.**
- Hiranpradit, H. and Foy, C. L. (1992). Effect of Four Triazine Herbicides on Growth of Nontarget Green Algae. *Weed Sci.* 40: 134-142.
EcoReference No.: 62116
Chemical of Concern: SZ,ATZ,CZE; Habitat: A; Effect Codes: POP,BCM; Rejection Code: **Less sensitive endpoint.**
- Hoagland, K. D., Matteen, S. A., Tang, J., and Siegfried, B. D. (2002). Relative Toxicity of the Herbicide Atrazine and Its Metabolites to Freshwater Diatoms. *In: J.John (Ed.), Proc.15th Int.Diatom Symp., Sept.28-Oct.2, 1998, Perth, Australia* 135-141.
EcoReference No.: 69808
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Hoffman, D. J. and Albers, P. H. (1984). Evaluation of Potential Embryotoxicity and Teratogenicity of 42 Herbicides, Insecticides, and Petroleum Contaminants to Mallard Eggs. *Arch.Environ.Contam.Toxicol.* 13 : 15-27.
EcoReference No.: 35249
Chemical of Concern: ACP,CBL,DZ,DMT,EN,HCCH,MLN,MOM,Naled,PRN,PMR,PSM,SPS,TMP,TXP,AMTL,ATZ,BMN,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO,DVP; Rejection Code: **Less sensitive endpoint.**
- Holst, R. W., Yopp, J. H., and Kapusta, G. (1982). Effect of Several Pesticides on the Growth and Nitrogen Assimilation of the *Azolla-anabaena* Symbiosis. *Weed Sci.* 30: 54-58.
EcoReference No.: 70299
Chemical of Concern: SZ,ATZ,LNR,MBZ,24DXY,DMB; Habitat: A; Effect Codes: POP,PHY,BCM; Rejection Code: **Less sensitive endpoint.**
- Huggins, D. G. (1990). Ecotoxic Effects of Atrazine on Aquatic Macroinvertebrates and Its Impact on Ecosystem Structure. *Ph.D.Thesis, Univ.of Kansas, Manhattan, KS* 380 p.
EcoReference No.: 19011
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Hughes, J. S., Alexander, M. M., and Balu, K. (1988). An Evaluation of Appropriate Expressions of Toxicity in Aquatic Plant Bioassays as Demonstrated by the Effects of Atrazine on Algae and Duckweed. *In: W.J.Adams, G.A.Chapman, and W.G.Landis (Eds.), Aquatic Toxicology and Hazard Assessment, 10th*

- Volume, ASTM STP 971, Philadelphia, PA 531-547.
EcoReference No.: 5119
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: Less sensitive endpoint.
- Infurna, R., Levy, B., Meng, C., Yau, E., Traina, V., Rolofson, G., Stevens, J., and Barnett, J. (1988). Teratological Evaluations of Atrazine Technical, a Triazine Herbicide, in Rats and Rabbits. *J.Toxicol.Environ.Health* 24: 307-319.
EcoReference No.: 81026
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BEH,MOR,REP,GRO,PHY; Terrestrial mammalian endpoints were not considered for this assessment.
- Innes, J. R. M., Ulland, B. M., Valerio, M. G., Petrucelli, L., Fishbein, L., Hart, E. R., Pallotta, A. J., Bates, R. R., Falk, H. L., Gart, J. J., Klein, M., Mitchell, I., and Peters, J. (1969). Bioassay of Pesticides and Industrial Chemicals for Tumorigenicity in Mice: A Preliminary Note. *J.Natl.Cancer Inst.* 42: 1101-1114.
EcoReference No.: 71346
Chemical of Concern: DU,PNB,DDT,SZ,ATZ,RTN,FBM,MRX,PPZ,THM,CBL,24DXY,Maneb,Zineb,Captan,Nabam,Folpet; Habitat: T; Effect Codes: CEL; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Isakeit, T. and Lockwood, J. L. (1989). Lethal Effect of Atrazine and Other Triazine Herbicides on Ungerminated Conidia of *Cochliobolus sativus* in Soil. *Soil Biol.Biochem.* 21: 809-817.
EcoReference No.: 70027
Chemical of Concern: SZ,ATZ,PPZ,AMTR,CZE,PRO,PMT; Habitat: T; Effect Codes: POP,REP; Rejection Code: Soil fungal endpoints were not considered for this assessment.
- Jin-Clark, Y., Lydy, M. J., and Zhu, K. Y. (2002). Effects of Atrazine and Cyanazine on Chlorpyrifos Toxicity in *Chironomus tentans* (Diptera: Chironomidae). *Environ.Toxicol.Chem.* 21: 598-603.
EcoReference No.: 62472
Chemical of Concern: ATZ,CPY,CZE; Habitat: A; Effect Codes: BCM; Rejection Code: Study reports toxicity of mixtures of atrazine and chlorpyrifos. The biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.
- Johnson, I. C., Keller, A. E., and Zam, S. G. (1993). A Method for Conducting Acute Toxicity Tests with the Early Life Stages of Freshwater Mussels. In: W.G.Landis, J.S.Hughes, and M.A.Lewis (Eds.), *Environmental Toxicology and Risk Assessment, ASTM STP 1179, Philadelphia, PA* 381-396.
EcoReference No.: 50679
Chemical of Concern: ATZ,CBL,CYH; Habitat: A; Effect Codes: MOR; Rejection Code: Less sensitive endpoint.
- Jones, R. J. and Kerswell, A. P. (2003). Phytotoxicity of Photosystem II (PSII) Herbicides to Coral. *Mar.Ecol.Prog.Ser.* 261: 149-159.
EcoReference No.: 75334
Chemical of Concern: SZ,AMTR,ATZ,DU,HXZ,TET; Habitat: A; Effect Codes: ACC,BCM; Rejection Code: Endpoints associated with saltwater coral were not considered for this assessment.
- Jones, R. J., Muller, J., Haynes, D., and Schreiber, U. (2003). Effects of Herbicides Diuron and Atrazine on Corals of the Great Barrier Reef, Australia. *Mar.Ecol.Prog.Ser.* 251: 153-167.
EcoReference No.: 78651
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: POP,BCM; Rejection Code: Impacts on saltwater coral are not relevant to the assessment.
- Jordan, L. S., Day, B. E., and Hendrixson, R. T. (1962). Chemical Control of Filamentous Green Algae. *Hilgardia* 32: 433-441.
EcoReference No.: 14395

- Chemical of Concern: EDT,SZ,ACL,24DXY,ATZ,DU,Cu,CuS; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Kallqvist, T. and Romstad, R. (1994). Effects of Agricultural Pesticides on Planktonic Algae and Cyanobacteria - Examples of Interspecies Sensitivity Variations. *Norw.J.Agric.Sci.Suppl.* 13: 117-131.
EcoReference No.: 16010
Chemical of Concern: ATZ,DMT,SZ,MCPA,CSF,PCZ,DPP; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Kandori, H., Suzuki, S., Asamoto, M., Murasaki, T., Mingxi, T., Ogawa, K., and Shirai, T. (2005). Influence of Atrazine Administration and Reduction of Calorie Intake on Prostate Carcinogenesis in Probasin/SV40 T Antigen Transgenic Rats. *Cancer Sci.* 96: 221-226.
EcoReference No.: 81743
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Karlander, E. P., Mayasich, J. M., and Terlizzi, D. E. (1983). Effects of the Herbicide Atrazine on an Oyster-Food Organism. *Maryland Water Resources Research Center, Tech.Rep.No.73, University of Maryland College Park, A-060-MD* 20 p.
EcoReference No.: 13820
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Karrow, N. A., McCay, J. A., Brown, R. D., Musgrove, D. L., Guo, T. L., Germolec, D. R., and White, K. L. Jr. (2005). Oral Exposure to Atrazine Modulates Cell-Mediated Immune Function and Decreases Host Resistance to the B16F10 Tumor Model in Female B6C3F1 Mice. *Toxicology* 209: 15-28.
EcoReference No.: 80462
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,CEL,GRO,ACC; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Kazeto, Y., Place, A. R., and Trant, John M. (2004). Effects of Endocrine Disrupting Chemicals on the Expression of CYP19 Genes in Zebrafish (Danio rerio) Juveniles. *Aquat.Toxicol.* 69: 25-34.
EcoReference No.: 78647
Chemical of Concern: BAP,ATZ,4NP; Habitat: A; Effect Codes: BCM; Rejection Code: **No effects at the highest test concentration. Study also includes cellular endpoints that cannot be quantitatively linked to the selected assessment endpoints.**
- Kearney, P. C., Oliver, J. E., Helling, C. S., Isensee, A. R., and Kontson, A. (1977). Distribution, Movement, Persistence, and Metabolism of N-Nitrosoatrazine in Soils and a Model Aquatic Ecosystem. *J.Agric.Food Chem.* 25: 1177-1181 (Used Refs 682, 2208).
EcoReference No.: 7525
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: **Bioconcentration factor.**
- Kegel, B. (1989). Laboratory Experiments on the Side Effects of Selected Herbicides and Insecticides on the Larvae of Three Sympatric Poecilius-Species (Col., Carabidae). *J.Appl.Entomol.* 108: 144-155.
EcoReference No.: 64007
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,REP,MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Kemp, W. M., Boynton, W. R., Stevenson, J. C., Means, J. C., Twilley, R. R., and Jones, T. W. (1983). Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance. *Final Report, U.S.EPA, Annapolis, MD* 202 p.
EcoReference No.: 69627
Chemical of Concern: ATZ,LNR; Habitat: A; Effect Codes: POP,PHY,SYS,GRO,BCM; Rejection Code: **Less sensitive endpoint.**
- Kettle, W. D. (1982). Description and Analysis of Toxicant-Induced Responses of Aquatic Communities in Replicated Experimental Ponds. *Ph.D.Thesis, University of Kansas, KS:146 p.; Diss.Abstr.Int.B*

- Sci.Eng.43(8) (Publ in Part As 10984, 12338, 5049).
EcoReference No.: 4547
Chemical of Concern: ATZ,Cd; Habitat: A; Effect Codes: SYS,POP; Rejection Code: **Used in CASM.**
- Kirby, M. F. and Sheahan, D. A. (1994). Effects of Atrazine, Isoproturon, and Mecoprop on the Macrophyte Lemna minor and the Alga Scenedesmus subspicatus. *Bull.Environ.Contam.Toxicol.* 53: 120-126.
EcoReference No.: 13695
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,GRO,BCM; Rejection Code: **Less sensitive endpoint.**
- Kish, P. A. (2004). Effects of Roundup, Glean, Aatrex, and Their Active Ingredients (Glyphosate, Chlorsulfuron, and Atrazine) on Periphyton Communities Studied by Using Matlock Periphytometer and Bottle Tests. *Ph.D.Thesis, Oklahoma State Univ., Stillwater, OK* 166 p.
EcoReference No.: 81674
Chemical of Concern: ATZ,GYP,CSF; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: **Less sensitive endpoint.**
- Kligerman, A. D., Doerr, C. L., Tennant, A. H., and Peng, B. (2000). Cytogenetic Studies of Three Triazine Herbicides II. In Vivo Micronucleus Studies in Mouse Bone Marrow. *Mutat.Res.* 471: 107-112.
EcoReference No.: 69595
Chemical of Concern: ATZ,SZ,CZE; Habitat: T; Effect Codes: MOR,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Kniewald, J., Jakominic, M., Tomljenovic, A., Simic, B., Romac, P., Vranesic, D., and Kniewald, Z. (2000). Disorders of Male Rat Reproductive Tract Under the Influence of Atrazine. *J.Appl.Toxicol.* 20: 61-68.
EcoReference No.: 80519
Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP,BCM,CEL,GRO; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Kniewald, J., Osredecki, V., Gojmerac, T., Zechner, V., and Kniewald, Z. (1995). Effect of s-Triazine Compounds on Testosterone Metabolism in the Rat Prostate. *J.Appl.Toxicol.* 15: 215-218.
EcoReference No.: 75398
Chemical of Concern: DEATZ,PMT,ATZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Kniewald, J., Peruzovic, M., Gojmerac, T., Milkovic, K., and Kniewald, Z. (1987). Indirect Influence of S-Triazines on Rat Gonadotropic Mechanism at Early Postnatal Period. *J.Steroid Biochem.* 27: 1095-1100.
EcoReference No.: 75128
Chemical of Concern: ATZ,DEATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Kratky, B. A. and Warren, G. F. (1971). The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides. *Weed Res.* 11: 257-262.
EcoReference No.: 40616
Chemical of Concern: EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DMB,LNR,PQT,TRB,TFN,PYZ,NaN3; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: **Less sensitive endpoint.**
- L'Haridon, J., Fernandez, M., Ferrier, V., and Bellan, J. (1993). Evaluation of the Genotoxicity of N-Nitrosoatrazine, N-Nitrosodiethanolamine and Their Precursors In Vivo Using the Newt Micronucleus Test. *Water Res.* 27: 855-862.
EcoReference No.: 4324
Chemical of Concern: ATZ,NaNO3,DEAC; Habitat: A; Effect Codes: CEL; Rejection Code: **Less sensitive endpoint. No effects at the single test concentration. Cellular endpoints cannot be quantitatively linked to the selected assessment endpoints.**

- Leboulanger, C., Rimet, F., Heme de Lacotte, M., and Berard, A. (2001). Effects of Atrazine and Nicosulfuron on Freshwater Microalgae. *Environ.Int.* 26: 131-135.
EcoReference No.: 59970
Chemical of Concern: ATZ,NSF; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint. No effect at single test concentration.**
- Leigh, J. (1980). Atrazine. Acute Toxicity in Sunfish. *Woodard Res.Corp.* 1-3.
EcoReference No.: 71600
Chemical of Concern: ATZ,DDT; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Lichtenstein, E. P., Liang, T. T., and Anderegg, B. N. (1973). Synergism of Insecticides by Herbicides. *Science* 181: 847-849.
EcoReference No.: 2939
Chemical of Concern: SZ,24DXY,ATZ,DZ,PRT,PRN,CBF,DDT,DLD; Habitat: AT; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Londono, D. K., Siegfried, B. D., and Lydy, M. J. (2004). Atrazine Induction of a Family 4 Cytochrome P450 Gene in Chironomus tentans (Diptera: Chironomidae). *Chemosphere* 56: 701-706.
EcoReference No.: 81745
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: **Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Losso, C., His, E., Ghetti, P. F., and Volpi Ghirardini, A. (2004). Sensitivity of Embryotoxicity Test with Mytilus galloprovincialis (LMK) Towards Some Compounds of Environmental Interest (Copper and Pesticides). *Environ.Technol.* 25: 841-846 .
EcoReference No.: 81741
Chemical of Concern: ATZ,CU,CBF,MLN; Habitat: A; Effect Codes: GRO,BEH; Rejection Code: **Less sensitive endpoint.**
- Lydy, M. J. and Linck, S. L. (2003). Assessing the Impact of Triazine Herbicides on Organophosphate Insecticide Toxicity to the Earthworm Eisenia fetida. *Arch.Environ.Contam.Toxicol.* 45: 343-349.
EcoReference No.: 71459
Chemical of Concern: CPY,ATZ,SZ; Habitat: T; Effect Codes: MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Lytle, J. S. and Lytle, T. F. (1996). Responses of the Estuarine Plant Scirpus olneyi to Two Herbicides, Atrazine and Metolachlor. In: D.A.Bengtson and D.S.Henshel (Eds.), *Environmental Toxicology and Risk Assessment: Biomarkers and Risk Assessment, 5th Volume, ASTM STP 1306, Philadelphia, PA* 270-284.
EcoReference No.: 61985
Chemical of Concern: ATZ,MTL; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: **Less sensitive endpoint.**
- Lytle, T. F. and Lytle, J. S. (2005). Growth Inhibition as Indicator of Stress Because of Atrazine Following Multiple Toxicant Exposure of the Freshwater Macrophyte, Juncus effusus L. *Environ.Toxicol.Chem.* 24: 1198-1203.
EcoReference No.: 81731
Chemical of Concern: ATZ,CPY; Habitat: A; Effect Codes: GRO; Rejection Code: **Endpoint Less Sensitive.**
- Ma, J. (2002). Differential Sensitivity to 30 Herbicides Among Populations of Two Green Algae Scenedesmus obliquus and Chlorella pyrenoidosa. *Bull.Environ.Contam.Toxicol.* 68: 275-281.
EcoReference No.: 65945
Chemical of Concern: SZ,MLT,DFP,QZF,FNP,HFP,FZF,NSF,TN,EMSF,BP,ANL,PDM,BTC,AMTR,PMT,DU,PAQT,FXP,QN C,ATZ,MCPA,GYP,OXF; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

- Ma, J., Liang, W., Xu, L., Wang, S., Wei, Y., and Lu, J. (2001). Acute Toxicity of 33 Herbicides to the Green Alga *Chlorella pyrenoidosa*. *Bull.Environ.Contam.Toxicol.* 66: 536-541.
EcoReference No.: 61983
Chemical of Concern:
DFP,FZF,QZP,HFP,FNP,BP,TN,EMSF,NSF,BTC,PAQT,AMTR,DU,ANL,MCPA,FXP,QNC,OXF,GYP,S
Z,ATZ,MLT; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Ma, J., Lin, F., Wang, S., and Xu, L. (2003). Toxicity of 21 Herbicides to the Green Alga *Scenedesmus quadricauda*. *Bull.Environ.Contam.Toxicol.* 71: 594-601.
EcoReference No.: 71458
Chemical of Concern: ATZ,SZ,BTC,MTL,DU,BMN,GYP; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Ma, J., Xu, L., Wang, S., Zheng, R., Jin, S., Huang, S., and Huang, Y. (2002). Toxicity of 40 Herbicides to the Green Alga *Chlorella vulgaris*. *Ecotoxicol.Environ.Saf.* 51: 128-132.
EcoReference No.: 65938
Chemical of Concern:
DFP,QZF,HFP,FNP,FZF,CLT,NSF,TN,EMSF,BSFM,CRME,FTS,BP,ANL,TFN,PDM,BTC,MTL,ACO,S
Z,ATZ,MLT,CZE,DU,PAQT,BMN,FXP,QNC,OXF,GFS,GYP; Habitat: A; Effect Codes: POP;
Rejection Code: **Less sensitive endpoint.**
- Mailhot, H. (1987). Prediction of Algal Bioaccumulation and Uptake Rate of Nine Organic Compounds by Ten Physicochemical Properties. *Environ.Sci.Technol.* 21: 1009-1013.
EcoReference No.: 12891
Chemical of Concern: ATZ,BZO,DDT,CF; Habitat: A; Effect Codes: ACC; Rejection Code: **Endpoint Equal to 10 ppb Value Used in IRED.**
- Maria, C. S., Moreno, J., and Lopez-Campos, J. L. (1987). Hepatotoxicity Induced by the Herbicide Atrazine in the Rat. *J.Appl.Toxicol.* 7: 373-378.
EcoReference No.: 39617
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM,PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Maria, C. S., Vilas, M. G., Muriana, F. G., and Relimpio, A. (1986). Subacute Atrazine Treatment Effects on Rat Renal Functions. *Bull.Environ.Contam.Toxicol.* 36: 325-331.
EcoReference No.: 81746
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Maule, A. and Wright, S. J. L. (1984). Herbicide Effects on the Population Growth of Some Green Algae and Cyanobacteria. *J.Appl.Bacteriol.* 57: 369-379.
EcoReference No.: 12028
Chemical of Concern: ATZ,MCPA,DU,PPN,GYP; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- McMullin, T. S., Andersen, M. E., Nagahara, A., Lund, T. D., Pak, T., Handa, R. J., and Hanneman, W. H. (2004). Evidence that Atrazine and Diaminochlorotriazine Inhibit the Estrogen/Progesterone Induced Surge of Luteinizing Hormone in Female Sprague-Dawley Rats Without Changing Estrogen Receptor Action. *Toxicol.Sci.* 79: 278-286 .
EcoReference No.: 80506
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM, CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Meisner, L. F., Belluck, D. A., and Roloff, B. D. (1992). Cytogenetic Effects of Alachlor and/or Atrazine In Vivo and In Vitro. *Environ.Mol.Mutagen.* 19: 77-82.

- EcoReference No.: 80104
Chemical of Concern: ACR,ATZ; Habitat: T; Effect Codes: GRO,BEH; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Melius, T. O. (1975). Effects of Atrazine on Pinned Hen Pheasants. *Proc.S.D.Acad.Sci.* 54: 137-142.
EcoReference No.: 37924
Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP,GRO,BEH; Rejection Code: LITE EVAL CODED(ATZ). **Terrestrial mammalian endpoints were not considered for this assessment.**
- Mencoboni, M., Lerza, R., Bogliolo, G., Flego, G., and Pannacciulli, I. (1992). Effect of Atrazine on Hemopoietic System. *In Vivo (Athens)* 6: 41-44.
EcoReference No.: 80330
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,BCM,CEL,MOR; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Menzel, R., Rodel, M., Kulas, J., and Steinberg, C. E. W. (2005). CYP35: Xenobiotically Induced Gene Expression in the Nematode *Caenorhabditis elegans*. *Arch.Biochem.Biophys.* 438: 93-102.
EcoReference No.: 81719
Chemical of Concern: ATZ,PAH,FA; Habitat: T; Effect Codes: REP,CEL; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Merriam, T. L. and Axtell, R. C. (1983). Relative Toxicity of Certain Pesticides to *Lagenidium giganteum* (Oomycetes: Lagenidiales), a Fungal Pathogen of Mosquito Larvae. *Environ.Entomol.* 12: 515-521.
EcoReference No.: 66427
Chemical of Concern: MTPN,ACR,CPY,FNTH,MLN,TMP,DFZ,Captan,ATZ,DDT,HCCH,CBL,PPX,PMR,TXP; Habitat: A; Effect Codes: GRO; Rejection Code: **Soil fungal endpoints were not considered for this assessment.**
- Messaad, I. A., Peters, E. J., and Young, L. (2000). Thermal Tolerance of Red Shiner (*Cyprinella lutrensis*) After Exposure to Atrazine, Terbufos, and Their Mixtures. *Bull.Environ.Contam.Toxicol.* 64: 748-754.
EcoReference No.: 52188
Chemical of Concern: ATZ,TBO; Habitat: A; Effect Codes: PHY; Rejection Code: **Behavioral thermal endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Meydani, M. and Hathcock, J. N. (1984). Effect of Dietary Methionine on Methylmercury and Atrazine Toxicity. *Drug-Nutr.Interact.* 2: 217-233.
EcoReference No.: 79696
Chemical of Concern: MeHg,ATZ,Met; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Michel, A., Johnson, R. D., Duke, S. O., and Scheffler, B. E. (2004). Dose-Response Relationships Between Herbicides with Different Modes of Action and Growth of *Lemna paucicostata*: An Improved Ecotoxicological Method. *Environ.Toxicol.Chem.* 23: 1074-1079.
EcoReference No.: 72796
Chemical of Concern: DMB,DBN,ATZ,PQT,ACR,BT,GYP,FDM,NPM,EPTC,CPH,CPP,ASM,GFS,CMZ,FDE,NFZ,ACF,PAQT,CSF,FZFPB,DFPM; Habitat: A; Effect Codes: GRO; Rejection Code: **Less sensitive endpoint.**
- Millie, D. F. and Hersh, C. M. (1987). Statistical Characterizations of the Atrazine-Induced Photosynthetic Inhibition of *Cyclotella meneghiniana* (Bacillariophyta). *Aquat.Toxicol.* 10: 239-249.
EcoReference No.: 12582
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**
- Mitchell, C. A. (1985). Effects of Atrazine on *Halodule wrightii* Ascherson in the Laboratory. *M.S.Thesis, Corpus Christi State Univ., Corpus Christi, TX* 82 p.
EcoReference No.: 4899

- Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: **Less sensitive endpoint.**
- Mola, L., Sabatini, M. A., Fratello, B., and Bertolani, R. (1987). Effects of Atrazine on Two Species of Collembola (Onychiuridae) in Laboratory Tests. *Pedobiologia* 30: 145-149.
EcoReference No.: 71417
Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Moody, D. E., Narloch, B. A., Shull, L. R., and Hammock, B. D. (1991). The Effect of Structurally Divergent Herbicides on Mouse Liver Xenobiotic-Metabolizing Enzymes (P-450-Dependent Monooxygenases, Epoxide Hydrolases and Glutathione S-Transferases) and Carnitine Acetyltransferase. *Toxicol.Lett.* 59: 175-185.
EcoReference No.: 77500
Chemical of Concern: MLT,DMB,MCP,ACR,ATZ,TFN,CFRM; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Moore, A., Scott, A. P., Lower, N., Katsiadaki, I., and Greenwood, L. (2003). The Effects of 4-Nonylphenol and Atrazine on Atlantic Salmon (*Salmo salar* L) Smolts. *Aquaculture* 222: 253-263.
EcoReference No.: 72092
Chemical of Concern: NYP,ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: **No effects observed at the highest test concentration.**
- Morgan, M. K., Scheuerman, P. R., Bishop, C. S., and Pyles, R. A. (1996). Teratogenic Potential of Atrazine and 2,4-D Using FETAX. *J.Toxicol.Environ.Health* 48: 151-168.
EcoReference No.: 63246
Chemical of Concern: ATZ,2,4-DXY,EDT; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: **Less sensitive endpoint.**
- Mosleh, Y. Y., Ismail, S. M. M., Ahmed, M. T., and Ahmed, Y. M. (2003). Comparative Toxicity and Biochemical Responses of Certain Pesticides to the Mature Earthworm *Aporrectodea caliginosa* Under Laboratory Conditions. *Environ.Toxicol.* 18: 338-346 .
EcoReference No.: 77549
Chemical of Concern: ADC,CYP,ATZ,MLX,PFF; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Munoz, I., Real, M., Guasch, H., Navarro, E., and Sabater, S. (2001). Effects of Atrazine on Periphyton Under Grazing Pressure. *Aquat.Toxicol.* 55: 239-249.
EcoReference No.: 61966
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,POP; Rejection Code: **No effect at single test concentration.**
- Murnik, M. R. and Nash, C. L. (1977). Mutagenicity of the Triazine Herbicides Atrazine, Cyanazine, and Simazine in *Drosophila melanogaster*. *J.Toxicol.Environ.Health* 3: 691-697.
EcoReference No.: 70000
Chemical of Concern: SZ,ATZ,CZE; Habitat: T; Effect Codes: REP,CEL,GRO,MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Naessens, M., Leclerc, J. C., and Tran-Minh, C. (2000). Fiber Optic Biosensor Using *Chlorella vulgaris* for Determination of Toxic Compounds. *Ecotoxicol.Environ.Saf.* 46: 181-185.
EcoReference No.: 52533
Chemical of Concern: ATZ,SZ,DU,GYP,ACR; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Narotsky, M. G., Best, D. S., Guidici, D. L., and Cooper, R. L. (2001). Strain Comparisons of Atrazine-Induced Pregnancy Loss in the Rat. *Reprod.Toxicol.* 15: 61-69.

- EcoReference No.: 81662
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,REP,MOR; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Navarro, E., Guasch, H., and Sabater, S. (2002). Use of Microbenthic Algal Communities in Ecotoxicological Tests for the Assessment of Water Quality: The Ter River Case Study. *J.Appl.Phycol.* 14: 41-48.
EcoReference No.: 82037
Chemical of Concern: ATZ,CU; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Nelson, S. D. and Khan, S. U. (1992). Uptake of Atrazine by Hyphae of Glomus Vesicular-Arbuscular Mycorrhizae and Root Systems of Corn (Zea mays L.). *Weed Sci.* 40: 161-170.
EcoReference No.: 80071
Chemical of Concern: ATZ,FNF; Habitat: T; Effect Codes: ACC,PHY,GRO; Rejection Code: **Less sensitive endpoint.**
- Nicolau, G. Y. and Socoliuc, E. (1980). Effects of Atrazine on Circadian RNA, DNA and Total Protein Rhythms in the Thyroid and Adrenal. *Rev.Roum.Med.Endocrinol.* 18: 161-166.
EcoReference No.: 79964
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL,BCM,PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Nollenberger, E. L. (1981). Toxicant-Induced Changes in Brain, Gill, Liver, and Kidney of Brook Trout Exposed to Carbaryl, Atrazine, 2,4-Dichlorophenoxyacetic Acid, and Parathion: A Cytochemical Study. *Ph.D.Thesis, Pennsylvania State Univ., University Park, PA* 213 p.
EcoReference No.: 72745
Chemical of Concern: ATZ,CBL,24DXY,PRN; Habitat: A; Effect Codes: PHY,CEL,BCM,BEH; Rejection Code: **Biochemical and cellular endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Nystrom, B., Paulsson, M., Almgren, K., and Blank, H. (2000). Evaluation of the Capacity for Development of Atrazine Tolerance in Periphyton from a Swedish Freshwater Site as Determined by Inhibition of Photosynthesis and Sulfolipid Synthesis. *Environ.Toxicol.Chem.* 19: 1324-1331.
EcoReference No.: 52769
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- O'Connor, J. C., Plowchalk, D. R., Van Pelt, C. S., Davis, L. G., and Cook, J. C. (2000). Role of Prolactin in Chloro-s-Triazine Rat Mammary Tumorigenesis. *Drug Chem.Toxicol.* 23: 575-601.
EcoReference No.: 72255
Chemical of Concern: SZ,ATZ,CZE; Habitat: T; Effect Codes: GRO,CEL,BCM,PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Orton, F., Carr, J. A., and Handy, R. D. (2006). Effects of Nitrate and Atrazine on Larval Development and Sexual Differentiation in the Northern Leopard Frog *Rana pipiens*. *Environ.Toxicol.Chem.* 25: 67-71.
EcoReference No.: 82034
Chemical of Concern: ATZ; Habitat: A; Effect Codes: REP,CEL; Rejection Code: **Less sensitive endpoint.**
- Osterloh, J., Letz, G., Pond, S., and Becker, C. (1983). An Assessment of the Potential Testicular Toxicity of 10 Pesticides Using the Mouse-Sperm Morphology Assay. *Mutat.Res.* 116: 407-415.
EcoReference No.: 74322
Chemical of Concern: ATZ,MLT,DPDP,BMY,CBL; Habitat: T; Effect Codes: REP,MOR; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Owen, R., Knap, A., Ostrander, N., and Carbery, K. (2003). Comparative Acute Toxicity of Herbicides to Photosynthesis of Coral Zooxanthellae. *Bull.Environ.Contam.Toxicol.* 70: 541-548.

- EcoReference No.: 71903
Chemical of Concern: ATZ,DU,SZ,DEATZ,24DXY; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Pace, E., Pompili, L., Margonelli, A., Giardi, P., and Giardi, M. T. (2001). Pulse-Chase Experiments with [35S]Methionine Show D1 Reaction II Protein Turnover in Various Herbicide Tolerant Species. *Pestic.Biochem.Physiol.* 69: 92-99.
EcoReference No.: 81736
Chemical of Concern: ATZ,SZ,DV; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Biochemical fluorescence endpoint cannot be quantitatively linked to the selected assessment endpoints.**
- Pantani, C., Pannunzio, G., De Cristofaro, M., Novelli, A. A., and Salvatori, M. (1997). Comparative Acute Toxicity of Some Pesticides, Metals, and Surfactants to *Gammarus italicus* Goedm. and *Echinogammarus tibaldii* Pink. and Stock (Crustacea: Amphipoda). *Bull.Environ.Contam.Toxicol.* 59: 963-967.
EcoReference No.: 18621
Chemical of Concern: ACR,ATZ,AZ,CBF,CBL,DMT,FMP,HCCH,MLT,MOM,MP,Cd,ADC,DDT,MXC,OML,TBC,CuCl,Cr,PPX,Zn,Hg; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Park, E. K. and Lees, E. M. (2005). Application of an Artificial Sea Salt Solution to Determine Acute Toxicity of Herbicides to *Proisotoma minuta* (Collembola). *J.Environ.Sci.Health Part B* 40: 595-604.
EcoReference No.: 81754
Chemical of Concern: ATZ,TFN,PDM,MTL,PMT,PAQT,FMU,DU; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Pascoe, D., Kedwards, T. J., Maund, S. J., Muthi, E., and Taylor, E. J. (1994). Laboratory and Field Evaluation of a Behavioural Bioassay - the *Gammarus pulex* (L.) Precopula Separation (GaPPS) Test. *Water Res.* 28: 369-372.
EcoReference No.: 67942
Chemical of Concern: ATZ,Cu,HCCH; Habitat: A; Effect Codes: REP; Rejection Code: **Less sensitive endpoint.**
- Pennington, P. L. and Scott, G. I. (2001). Toxicity of Atrazine to the Estuarine Phytoplankter *Pavlova* sp. (Prymnesiophyceae): Increased Sensitivity After Long-Term, Low-Level Population Exposure. *Environ.Toxicol.Chem.* 20: 2237-2242.
EcoReference No.: 62448
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Peterson, S. M. and Stauber, J. L. (1996). New Algal Enzyme Bioassay for the Rapid Assessment of Aquatic Toxicity. *Bull.Environ.Toxicol.Chem.* 56: 750-757.
EcoReference No.: 19926
Chemical of Concern: ATZ,DU,Cu,PL,DU,Cd,Hg,Cr,Zn; Habitat: A; Effect Codes: BCM,POP; Rejection Code: **Less sensitive endpoint.**
- Phyu, Y. L., St.J.Warne, M., and Lim, R. P. (2004). Toxicity of Atrazine and Molinate to the Cladoceran *Daphnia carinata* and the Effect of River Water and Bottom Sediment on Their Bioavailability. *Arch.Environ.Contam.Toxicol.* 46: 308-315.
EcoReference No.: 74233
Chemical of Concern: ATZ,MLT; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Phyu, Y. L., Warne, M. S., and Lim, R. P. (2005). The Toxicity and Bioavailability of Atrazine and Molinate to *Chironomus tepperi* Larvae in Laboratory and River Water in the Presence and Absence of Sediment. *Chemosphere* 58: 1231-1239.
EcoReference No.: 81223
Chemical of Concern: ATZ,MLT; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive**

endpoint.

- Phyu, Y. L., Warne, M. S. J., and Lim, R. P. (2005). Toxicity and Bioavailability of Atrazine and Molinate to the Freshwater Shrimp (*Paratya australiensis*) Under Laboratory and Simulated Field Conditions. *Ecotoxicol.Environ.Saf.* 60: 113-122.
EcoReference No.: 76267
Chemical of Concern: ATZ,MLT; Habitat: A; Effect Codes: MOR; Rejection Code: Less sensitive endpoint.
- Pillai, C. G. P., Weete, J. D., and Davis, D. E. (1977). Metabolism of Atrazine by *Spartina alterniflora*. 1. Chloroform-Soluble Metabolites. *J.Agric.Food Chem.* 25: 852-855.
EcoReference No.: 9042
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,GRO,POP; Rejection Code: Less sensitive endpoint.
- Pinckney, J. L., Ornlófsdóttir, E. B., and Lumsden, S. E. (2002). Estuarine Phytoplankton Group-Specific Responses to Sublethal Concentrations of the Agricultural Herbicide, Atrazine. *Mar.Pollut.Bull.* 44: 1109-1116.
EcoReference No.: 66307
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Pizl, V. (1985). The Effect of the Herbicide Zeazin 50 on the Earthworm Infection by Monocystid Gregarines. *Pedobiologia* 28 : 399-402.
EcoReference No.: 64846
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BEH; Rejection Code: Terrestrial invertebrate endpoints were not considered for this assessment.
- Portmann, J. E. and Wilson, K. W. (1971). The Toxicity of 140 Substances to the Brown Shrimp and Other Marine Animals. *Shellfish Information Leaflet No.22 (2nd Ed.)*, Ministry of Agric.Fish.Food, Fish.Lab.Burnham-on-Crouch, Essex, and Fish Exp.Station Conway, North Wales 12 p.
EcoReference No.: 906
Chemical of Concern:
SZ,24DXY,ATZ,AZ,DBN,DMT,MLN,CuS,CrAC,SFL,HgCl2,NYP,Cd,Pb,Maneb,DDT,FML,PRN,EPRN, DLD,DPDP,PAQT,PL,ACY,ES,HCCH,MCRE,Tl; Habitat: A; Effect Codes: MOR; Rejection Code: Less sensitive endpoint.
- Prasad, T. A. V., Srinivas, T., Janardan Reddy, S., and Reddy, D. C. (1995). Atrazine Toxicity on Transport Properties of Hemocyanin in the Crab *Oziotelphusa senex senex*. *Ecotoxicol.Environ.Saf.* 30: 124-126.
EcoReference No.: 15356
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: Less sensitive endpoint. Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.
- Prasad, T. A. V., Srinivas, T., Rafi, M., and Reddy, D. C. (1990). Chronic Effect of Atrazine on Hydromineral Balance in the Crab. *Biochem.Int.* 22: 435-440 .
EcoReference No.: 8536
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,PHY,BCM; Rejection Code: Less sensitive endpoint.
- Prasad, T. A. V., Srinivas, T., and Reddy, D. C. (1991). Modulations in Nitrogen Metabolism in the Hepatic and Neuronal Tissues of Fish, *Tilapia mossambica* Exposed to Atrazine. *Biochem.Int.* 23: 271-279.
EcoReference No.: 67281
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: Less sensitive endpoint; Biochemical endpoint cannot be quantitatively linked to the selected assessment endpoints.
- Prescott, L. M., Kubovec, M. K., and Tryggstad, D. (1977). The Effects of Pesticides, Polychlorinated Biphenyls and Metals on the Growth and Reproduction of *Acanthamoeba castellanii*. *Bull.Environ.Contam.Toxicol.* 18: 29-34.

- EcoReference No.: 7625
Chemical of Concern: SZ,ATZ,CBL,LNR,DLD,AND,Hg,Pb,PCB,CuS,Zn; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Prescott, L. M. and Olson, D. L. (1972). The Effect of Pesticides on the Soil Amoeba *Acanthamoeba castellanii* (Neff). *Proc.South D.Acad.Sci.* 51: 136-141.
EcoReference No.: 60074
Chemical of Concern: DDT,24DXY,ATZ,EPTC,PPN; Habitat: A; Effect Codes: POP,REP; Rejection Code: **Effects to soil amoeba are not assessed as part of the effects determination.**
- Preshing, M. (1985). Effect of Certain Toxicants on the Survival Rate of *Daphnia magna* in a Three-Factor Experiment. *Hydrobiol.J.* 21: 1-4.
EcoReference No.: 67282
Chemical of Concern: ATZ,Cu; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Purcell III, T. W. (1989). The Effects of Atrazine and Nitrate, Alone and in Combination, on a Natural Phytoplankton Population of the Potomac River. *Ph.D.Thesis, Univ.of Maryland, College Park, MD:133 p.(1988) / Diss.Abst.Int.B Sci.Eng.* 49: 3080.
EcoReference No.: 9980
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Endpoint Less Sensitive.**
- Radetski, C. M., Ferard, J. F., and Blaise, C. (1995). A Semistatic Microplate-Based Phytotoxicity Test. *Environ.Toxicol.Chem.* 14: 299-302.
EcoReference No.: 13728
Chemical of Concern: ATZ,CuS,Cr,Cd; Habitat: A; Effect Codes: POP,MOR; Rejection Code: **Less sensitive endpoint.**
- Ralph, P. J. (2000). Herbicide Toxicity of *Halophila ovalis* Assessed by Chlorophyll a Fluorescence. *Aquat.Bot.* 66: 141-152.
EcoReference No.: 61925
Chemical of Concern: SZ,ATZ,GYP; Habitat: A; Effect Codes: POP,BCM; Rejection Code: **Less sensitive endpoint.**
- Rayner, J. L., Enoch, R. R., and Fenton, S. E. (2005). Adverse Effects of Prenatal Exposure to Atrazine During a Critical Period of Mammary Gland Growth. *Toxicol.Sci.* 87: 255-266.
EcoReference No.: 80614
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM, GRO; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Rayner, J. L., Wood, C., and Fenton, S. E. (2004). Exposure Parameters Necessary for Delayed Puberty and Mammary Gland Development in Long-Evans Rats Exposed In Utero to Atrazine. *Toxicol.Appl.Pharmacol.* 195: 23-34.
EcoReference No.: 81663
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM,CEL,REP; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Roche, H. and Boge, G. (1996). Fish Blood Parameters as a Potential Tool for Identification of Stress Caused by Environmental Factors and Chemical intoxication. *Mar.Environ.Res.* 41: 27-43.
EcoReference No.: 20090
Chemical of Concern: ATZ,CuS, ZnCl₂, PL, NP, 4NP; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Rohr, J. R. and Palmer, B. D. (2005). Aquatic Herbicide Exposure Increases Salamander Desiccation Risk Eight Months Later in a Terrestrial Environment. *Environ.Toxicol.Chem.* 24: 1253-1258.
EcoReference No.: 81664

- Chemical of Concern: ATZ; Habitat: A; Effect Codes: BEH,MOR,GRO; Rejection Code: Not used because study evaluates effects to terrestrial-phase salamanders.
- Rohr, J. R., Sager, T., Sesterhenn, T. M., and Palmer, B. D. (2006). Exposure, Postexposure, and Density-Mediated Effects of Atrazine on Amphibians: Breaking Down Net Effects into Their Parts. *Environ.Health Perspect.* 114: 46-50.
EcoReference No.: 82038
Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: Not used because study evaluates effects to terrestrial-phase salamanders.
- Rohwer, F. and Fluckiger, W. (1979). Effect of Atrazine on Growth, Nitrogen Fixation and Photosynthetic Rate of *Anabaena cylindrica*. *Angew.Bot.* 53: 59-74.
EcoReference No.: 18857
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,PHY,POP; Rejection Code: Less sensitive endpoint.
- Rojickova-Padrtova, R. and Marsalek, B. (1999). Selection and Sensitivity Comparisons of Algal Species for Toxicity Testing. *Chemosphere* 38: 3329-3338.
EcoReference No.: 19852
Chemical of Concern: ATZ,OXF,PDM,CuS,Zn,Cr; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Roloff, B. D., Belluck, D. A., and Meisner, L. F. (1992). Cytogenetic Studies of Herbicide Interactions In Vitro and In Vivo Using Atrazine and Linuron. *Arch.Environ.Contam.Toxicol.* 22: 267-271.
EcoReference No.: 78659
Chemical of Concern: ATZ,LNR; Habitat: T; Effect Codes: CEL; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Rooney, A. A., Matulka, R. A., and Luebke, R. W. (2003). Developmental Atrazine Exposure Suppresses Immune Function in Male, but not Female Sprague-Dawley Rats. *Toxicol.Sci.* 76: 366-375.
EcoReference No.: 81749
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Roshon, R. D. (1997). A Toxicity Test for the Effects of Chemicals on the Non-target Submersed Aquatic Macrophyte, *Myriophyllum sibiricum* Komarov. *Ph.D.Thesis, Univ.of Guelph, Canada*.
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: Less sensitive endpoint.
- Russo, J. and Lagadic, L. (2004). Effects of Environmental Concentrations of Atrazine on Hemocyte Density and Phagocytic Activity in the Pond Snail *Lymnaea stagnalis* (Gastropoda, Pulmonata). *Environ.Pollut.* 127: 303-311.
EcoReference No.: 72619
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: Less sensitive endpoint. Biochemical, cellular and esophagitis endpoints cannot be quantitatively linked to the selected assessment endpoints.
- Samsøe-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,MCP,PYD,FXP,BT,MTL,PDM,CBL,MTSM,AMTL,CQTC; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: Terrestrial invertebrate endpoints were not considered for this assessment.
- Schafer, H., Hettler, H., Fritsche, U., Pitzen, G., Roderer, G., and Wenzel, A. (1994). Biotests Using Unicellular Algae and Ciliates for Predicting Long-Term Effects of Toxicants. *Ecotoxicol.Environ.Saf.* 27: 64-81.

- EcoReference No.: 4008
Chemical of Concern: ATZ,HCCH,MP,BMC,DU,CuS,PCP; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Schafer, H., Wenzel, A., Fritsche, U., Roderer, G., and Traunsburger, W. (1993). Long-Term Effects of Selected Xenobiotica on Freshwater Green Algae: Development of a Flow-Through Test System. *Sci.Total Environ. Suppl.*: 735-740.
EcoReference No.: 4335
Chemical of Concern: ATZ,HCCH,MP,CuS,PCP,Cd; Habitat: A; Effect Codes: POP,ACC; Rejection Code: **Less sensitive endpoint.**
- Schmitt-Jansen, M. and Altenburger, R. (2005). Predicting and Observing Responses of Algal Communities to Photosystem II-Herbicide Exposure Using Pollution-Induced Community Tolerance and Species-Sensitivity Distributions. *Environ.Toxicol.Chem.* 24: 304-312.
EcoReference No.: 80430
Chemical of Concern: ATZ,PMT; Habitat: A; Effect Codes: ACC,POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Schrader, K. K., De Regt, M. Q., Tidwell, P. D., Tucker, C. S., and Duke, S. O. (1998). Compounds with Selective Toxicity Towards the Off-Flavor Metabolite-Producing Cyanobacterium *Oscillatoria cf. chalybea*. *Aquaculture* 163: 85-99.
EcoReference No.: 69879
Chemical of Concern: SXD,PAQT,ACF,ATZ,DU,FMU,NFZ,IMQ,DFP,HFP,CLT,BMN,DBN,DFQ,EDT,FDE,GYP,Cu; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Schwarz, E. and Hanke, W. (1987). The Influence of Atrazine and Pentachlorophenol on the Regulation of T4 and T3 in the Blood of the Carp (*Cyprinus carpio*). *Acta Endocrinol.* 114: 16-17.
EcoReference No.: 16361
Chemical of Concern: ATZ,PCP; Habitat: A; Effect Codes: BCM; Rejection Code: **Biochemical hormonal endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Scutaru, B., Giersch, T., Cozmei, C., and Hock, B. (1998). Immunoenzymatic Determination of Atrazine in Rat Tissue Samples. *Toxicology* 127: 11-16.
EcoReference No.: 78788
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Seguin, F., Le Bihan, F., Leboulanger, C., and Berard, A. (2002). A Risk Assessment of Pollution: Induction of Atrazine Tolerance in Phytoplankton Communities in Freshwater Outdoor Mesocosms, Using Chlorophyll Fluorescence as an Endpoint. *Water Res.* 36: 3227-3236.
EcoReference No.: 66314
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,POP; Rejection Code: **Less sensitive endpoint.**
- Seguin, F., Leboulanger, C., Rimet, F., Druart, J. C., and Berard, A. (2001). Effects of Atrazine and Nicosulfuron on Phytoplankton in Systems of Increasing Complexity. *Arch.Environ.Contam.Toxicol.* 40: 198-208.
EcoReference No.: 62246
Chemical of Concern: ATZ,NSF; Habitat: A; Effect Codes: POP; Rejection Code: **Endpoint Less Sensitive.**
- Shabana, E. F. (1987). Use of Batch Assays to Assess the Toxicity of Atrazine to Some Selected Cyanobacteria. II. Effect of Atrazine on Heterocyst Frequency, Nitrogen and Phosphorus Metabolism of Four Heterocystous Cyanobacteria. *J.Basic Microbiol.* 27: 215-223.
EcoReference No.: 71802
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: **Less sensitive**

endpoint.

- Sharma, H. C., Sullivan, D. J., Sharma, M. M., and Shetty, S. V. R. (2004). Influence of Weeding Regimes and Pearl Millet Genotypes on Parasitism of the Oriental Armyworm, *Mythimna separata*. *Biocontrol* 49: 689-699.
EcoReference No.: 81734
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Silvestre, F., Trausch, G., Spano, L., and Devos, P. (2002). Effects of Atrazine on Osmoregulation in the Chinese Mitten Crab, *Eriocheir sinensis*. *Comp.Biochem.Physiol.C* 132: 385-390.
EcoReference No.: 66352
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: No effect at single test concentration. Less sensitive endpoint. Biochemical and osmoregulatory endpoints cannot be quantitatively linked to the selected assessment endpoints.
- Simard, S., Grenier, G., and Beaumont, G. (1990). Morphometric Analysis of Ultrastructural Changes Induced by a Sublethal Concentration of Atrazine on Young *Lemna minor* Chloroplasts. *Plant Physiol.Biochem.* 28: 49-55.
EcoReference No.: 65658
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: Less sensitive endpoint.
- Simard, S., Proteau, L., Beaumont, G., and Grenier, G. (1991). Increase of Chloroplast Granum Stability, Induced by a Sublethal Concentration of Atrazine, in *Lemna minor* Fronds Grown on a Medium Partially Deficient in Calcium or Magnesium. *Plant Physiol.Biochem.* 29: 631-638.
EcoReference No.: 65657
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: Less sensitive endpoint.
- Simic, B., Kniewald, J., and Kniewald, Z. (1994). Effect of Atrazine on Reproductive Performance in the Rat. *J.Appl.Toxicol.* 14: 401-404.
EcoReference No.: 71445
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,REP; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Simic, B., Kniewald, Z., Davies, J. E., and Kniewald, Z. (1991). Reversibility of the Inhibitory Effect of Atrazine and Lindane on Cytosol 5alpha-Dihydrotestosterone Receptor Complex Formation in Rat Prostate. *Bull.EnvIRON.Contam.Toxicol.* 46: 92-99.
EcoReference No.: 78321
Chemical of Concern: ATZ,HCCH; Habitat: T; Effect Codes: BCM; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Singh, R. K. and Dwivedi, R. S. (1988). Laboratory Evaluation of Some Pesticides Against *Sclerotium rolfsii* Sacc. a Foot-Rot Pathogen of Barley (*Hordeum vulgare* L.). *Pesticides* 22: 20-23.
EcoReference No.: 70487
Chemical of Concern: PNB,HCCH,ATZ,Cu,ADC,CLNB,PPN,PAQT,24DXY,THM,Captan; Habitat: T; Effect Codes: GRO; Rejection Code: Less sensitive endpoint. Fungal endpoints not considered for this assessment.
- Son, H. Y., Nishikawa, A., Okazaki, K., Lee, K. Y., Imazawa, T., and Hirose, M. (2003). Lack of Modifying Effects of Atrazine and/or Tamoxifen on Thyroid Carcinogenesis in Rats Pretreated with N-bis(2-Hydroxypropyl)Nitrosamine (DHPN). *Food Chem.Toxicol.* 41: 1811-1816.
EcoReference No.: 81667
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,BCM; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Spano, L., Tyler, C. R., Van Aerle, R., Devos, P., Mandiki, S. N. M., Silvestre, F., Thome, J. P., and Kestemont, P. (2004). Effects of Atrazine on Sex Steroid Dynamics, Plasma Vitellogenin Concentration and Gonad

- Development in Adult Goldfish (*Carassius auratus*). *Aquat.Toxicol.* 66: 369-379.
EcoReference No.: 73297
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,PHY,GRO; Rejection Code: **Less sensitive endpoint.**
- Stevens, J. T., Breckenridge, C. B., Wetzel, L., Thakur, A. K., Liu, C., Werner, C., Luempert III, L. G., and Eldridge, J. C. (1999). A Risk Characterization for Atrazine: Oncogenicity Profile. *J.Toxicol.Environ.Health Part A* 56: 69-109.EcoReference No.: 79510
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,MOR; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Stevens, J. T., Breckenridge, C. B., Wetzel, L. T., Gillis, J. H., Luempert III, L. G., and Eldridge, J. C. (1994). Hypothesis for Mammary Tumorigenesis in Sprague-Dawley Rats Exposed to Certain Triazine Herbicides. *J.Toxicol.Environ.Health* 43: 139-153.
EcoReference No.: 69611
Chemical of Concern: SZ,ATZ,AMTR,PRO,PMT,PPZ; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Stoker, T. E., Guidici, D. L., Laws, S. C., and Cooper, R. L. (2002). The Effects of Atrazine Metabolites on Puberty and Thyroid Function in the Male Wistar Rat. *Toxicol.Sci.* 67: 198-206.
EcoReference No.: 75117
Chemical of Concern: DEATZ,DIATZ,DCT; Habitat: T; Effect Codes: CEL,GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Stoker, T. E., Laws, S. C., Guidici, D. L., and Cooper, R. L. (2000). The Effect of Atrazine on Puberty in Male Wistar Rats: An Evaluation in the Protocol for the Assessment of Pubertal Development and Thyroid Function. *Toxicol.Sci.* 58: 50-59.
EcoReference No.: 71275
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Stoker, T. E., Robinette, C. L., and Cooper, R. L. (1999). Maternal Exposure to Atrazine During Lactation Suppresses Suckling-Induced Prolactin Release and Results in Prostatitis in the Adult Offspring. *Toxicol.Sci.* 52: 68-79.
EcoReference No.: 71277
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BEH,REP,GRO,BCM,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Stratton, G. W. and Giles, J. (1990). Importance of Bioassay Volume in Toxicity Tests Using Algae and Aquatic Invertebrates. *Bull.Environ.Contam.Toxicol.* 44: 420-427.
EcoReference No.: 2554
Chemical of Concern: ATZ,PMR,DDT; Habitat: A; Effect Codes: PHY; Rejection Code: **Less sensitive endpoint.**
- Stratton, G. W., Huber, A. L., and Corke, C. T. (1980). The Effect of Pesticides and Their Metabolites, Alone and in Combination, on Algal Processes. In: *J.F.Klaverkamp, S.L.Leonard and K.E.Marshall (Eds.), Proc.6th Annu.Tox.Workshop, Can.Tech.Rep.Fish Aquat.Sci.No.975* 131-139.
EcoReference No.: 4684
Chemical of Concern: PMR,ATZ,DU,PYT,DEATZ,DIATZ,DCT; Habitat: A; Effect Codes: GRO,BCM,POP; Rejection Code: **Less sensitive endpoint.**
- Sund, K. A. and Nomura, N. (1963). Laboratory Evaluation of Several Herbicides. *Weed Res.* 3: 35-43.
EcoReference No.: 42840
Chemical of Concern: PNB,SZ,ATZ,DU,24DXY,DBN,DMB,LNR,PMT,AMTL,CPP,MLH,PL,NaCLO,PCP,EPTC,2CP,4NP,AMTR,PCP,DLPCP,DL; Habitat: T; Effect Codes: GRO,REP,MOR; Rejection Code: **Less sensitive**

endpoint.

- Svobodova, Z., Vykusova, B., and Machova, J. (1994). The Effects of Pollutants on Selected Haematological and Biochemical Parameters in Fish. In: R.Muller and R.Lloyd (Eds.), *Sublethal and Chronic Effects of Pollutants on Freshwater Fish, Chapter 4, Fishing News Books, London* 39-52.
EcoReference No.: 18553
Chemical of Concern: ATZ,CuS,Zn,Cr; Habitat: A; Effect Codes: CEL,BCM,ACC; Rejection Code: Less sensitive endpoint; endpoint based on biochemical hemoglobin, which cannot be quantitatively linked to the selected assessment endpoints.
- Tanaka, T., Kohno, H., Suzuki, R., and Sugie, S. (2004). Lack of Modifying Effects of an Estrogenic Compound Atrazine on 7,12-Dimethylbenz(a)anthracene-Induced Ovarian Carcinogenesis in Rats. *Cancer Lett.* 210: 129-137.
EcoReference No.: 81670
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,PHY,CEL; Rejection Code Terrestrial mammalian endpoints were not considered for this assessment.
- Tang, J., Hoagland, K. D., and Siegfried, B. D. (1998). Uptake and Bioconcentration of Atrazine by Selected Freshwater Algae. *Environ.Toxicol.Chem.* 17: 1085-1090.
EcoReference No.: 19284
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,GRO,POP; Rejection Code: Plant residue studies were not considered for this assessment.
- Tavera-Mendoza, L., Ruby, S., Brousseau, P., Fournier, M., Cyr, D., and Marcogliese, D. (2002). Response of the Amphibian Tadpole (*Xenopus laevis*) to Atrazine During Sexual Differentiation of the Testis . *Environ.Toxicol.Chem.* 21: 527-531.
EcoReference No.: 60639
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,GRO,REP,CEL; Rejection Code: LITE In White Paper on Amphibians.
- Tavera-Mendoza, L., Ruby, S., Brousseau, P., Fournier, M., Cyr, D., and Marcogliese, D. (2002). Response of the Amphibian Tadpole *Xenopus laevis* to Atrazine During Sexual Differentiation of the Ovary. *Environ.Toxicol.Chem.* 21: 1264-1267.
EcoReference No.: 77830
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: In White Paper on Amphibians.
- Tennant, A. H., Peng, B., and Kligerman, A. D. (2001). Genotoxicity Studies of Three Triazine Herbicides: In Vivo Studies Using the Alkaline Single Cell Gel (SCG) Assay. *Mutat.Res.* 493: 1-10.
EcoReference No.: 69613
Chemical of Concern: ATZ,SZ,CZE; Habitat: T; Effect Codes: PHY; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Tennant, M. K., Hill, D. S., Eldridge, J. C., Wetzel, L. T., Breckenridge, C. B., and Stevens, J. T. (1994). Chloro-s-Triazine Antagonism of Estrogen Action: Limited Interaction with Estrogen Receptor Binding. *J.Toxicol.Environ.Health* 43: 197-211.
EcoReference No.: 69614
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Tennant, M. K., Hill, D. S., Eldridge, J. C., Wetzel, L. T., Breckenridge, C. B., and Stevens, J. T. (1994). Possible Antiestrogenic Properties of Chloro-s-Triazines in Rat Uterus. *J.Toxicol.Environ.Health* 43: 183-196.
EcoReference No.: 69615
Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.

- Toth, D. and Tomasovicova, D. (1979). Effect of Pesticides on Survival of *Tetrahymena pyriformis* in Danube Waters. *Biologia (Bratisl.)* 34: 233-239 (Author Communication Used).
EcoReference No.: 5950
Chemical of Concern: ATZ,MLN,Folpet; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Trentacoste, S. V., Friedmann, A. S., Youker, R. T., Breckenridge, C. B., and Zirkin, B. R. (2001). Atrazine Effects on Testosterone Levels and Androgen-Dependent Reproductive Organs in Peripubertal Male Rats. *J.Androl.* 22: 142-148.
EcoReference No.: 81742
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Tubbing, M. J., De Ruyter van Steveninck, E. D., and Admiraal, W. (1993). Sensitivity of Planktonic Photosynthesis to Various Toxicants in the River Rhine. *Environ.Toxicol.Water Qual.* 8: 51-62.
EcoReference No.: 16872
Chemical of Concern: ATZ,CuCl; Habitat: A; Effect Codes: PHY,BCM,POP; Rejection Code: **Less sensitive endpoint.**
- Turbak, S. C., Olson, S. B., and McFeters, G. A. (1986). Comparison of Algal Assay Systems for Detecting Waterborne Herbicides and Metals. *Water Res.* 20: 91-96.
EcoReference No.: 11780
Chemical of Concern: SZ,24DXY,ATZ,GYP,CuCl,Cr,Ag,Zn,Cd; Habitat: A; Effect Codes: POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Ueda, M., Imai, T., Takizawa, T., Onodera, H., Mitsumori, K., Matsui, T., and Hirose, M. (2005). Possible Enhancing Effects of Atrazine on Growth of 7,12-Dimethylbenz(a)anthracene-Induced Mammary Tumors in Ovariectomized Sprague-Dawley Rats. *Cancer Sci.* 96: 19-25.
EcoReference No.: 81744
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,MOR,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Ugazio, G., Bosio, A., Burdino, E., Ghigo, L., and Nebbia, C. (1991). Lethality, Hexobarbital Narcosis and Behavior in Rats Exposed to Atrazine, Bentazon and Molinate. *Res.Commun.Chem.Pathol.Pharmacol.* 74: 349-362.
EcoReference No.: 73826
Chemical of Concern: MLT,ATZ,BT; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Ugazio, G., Bosio, A., Nebbia, C., and Soffietti, M. G. (1991). Age-and Sex-Related Effects on Hepatic Drug Metabolism in Rats Chronically Exposed to Dietary Atrazine. *Res.Commun.Chem.Pathol.Pharmacol.* 73: 231-243.
EcoReference No.: 81738
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Ugazio, G., Burdino, E., Dacasto, M., Bosio, A., Van 't Klooster, G., and Nebbia, C. (1993). Induction of Hepatic Drug Metabolizing Enzymes and Interaction with Carbon Tetrachloride in Rats After a Single Oral Exposure to Atrazine. *Toxicol.Lett.* 69: 279-288.
EcoReference No.: 78657
Chemical of Concern: ATZ,CTC; Habitat: T; Effect Codes: BCM; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Van der Heever, J. A. and Grobbelaar, J. U. (1996). Evaluation of Short-Incubation-Time Small-Volume Radiocarbon-Uptake Algal Toxicity Test. *J.Appl.Phycol.* 8: 65-71.
EcoReference No.: 18763
Chemical of Concern: Cu,PL,ATZ,Hg,Cd; Habitat: A; Effect Codes: PHY; Rejection Code: **Less**

sensitive endpoint.

- Van der Heever, J. A. and Grobbelaar, J. U. (1998). In Vivo Chlorophyll a Fluorescence of *Selenastrum capricornutum* as a Screening Bioassay in Toxicity Studies. *Arch.Environ.Contam.Toxicol.* 35: 281-286.
EcoReference No.: 19800
Chemical of Concern: ATZ,AZ,CuCl,PL,Hg,Cd; Habitat: A; Effect Codes: BCM; Rejection Code: Less sensitive endpoint.
- Van der Heever, J. A. and Grobbelaar, J. U. (1997). The Use of Oxygen Evolution to Assess the Short-Term Effects of Toxicants on Algal Photosynthetic Rates. *Water S.A.* 23: 233-237.
EcoReference No.: 19854
Chemical of Concern: ATZ,AZ,Cu,PL,Cd,Hg; Habitat: A; Effect Codes: PHY; Rejection Code: Less sensitive endpoint.
- Van der Heever, J. A. and Grobbelaar, J. U. (1996). The Use of *Selenastrum capricornutum* Growth Potential as a Measure of Toxicity of a Few Selected Compounds. *Water S.A.* 22: 183-191.
EcoReference No.: 18440
Chemical of Concern: ATZ,AZ,Cu,Cd,PL,Hg; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.
- Versteeg, D. J. (1990). Comparison of Short- and Long-Term Toxicity Test Results for the Green Alga, *Selenastrum capricornutum*. In: W.Wang, J.W.Gorsuch, and W.R.Lower (Eds.), *Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA* 40-48.
EcoReference No.: 17639
Chemical of Concern: ATZ,CBL,SZ,PCP,Cu₂O,Cd; Habitat: A; Effect Codes: PHY,POP; Rejection Code: Less sensitive endpoint.
- Villeneuve, D. L., Coady, K., Hecker, M., Murphy, M. B., Jones, P. D., and Giesy, J. P. (2003). Methods Development for the Study of Mechanism of Action of Atrazine in Adult and Metamorphosing *Xenopus laevis* and *Rana clamitans*: Aromatase Induction. *Final Rep.MSU-01, Aquat.Toxicol.Lab., Mich.State Univ., Natl.Food Saf.and Toxicol.Ctr., E.Lansing, MI* 111 p.
EcoReference No.: 78086
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: In White Paper on Amphibians.
- Vos, J. G., Krajnc, E. I., Beekhof, P. K., and Van Logten, M. J. (1983). Methods for Testing Immune Effects of Toxic Chemicals: Evaluation of the Immunotoxicity of Various Pesticides in the Rat. In: J.Miyamoto and P.C.Kearney (Eds.), *Pesticide Chemistry: Human Welfare and the Environment, Volume 3, Pergamon Press, Oxford, England* 497-504.
EcoReference No.: 70803
Chemical of Concern: PNB,ATZ,DDT,EN,Pb,AZ,BMY,Captan,DU,ES,Zineb,HCb,TPTH; Habitat: T; Effect Codes: GRO,BCM,PHY,CEL; Rejection Code: Terrestrial mammalian endpoints were not considered for this assessment.
- Walsh, G. E. (1981). Effects of Pesticides and Industrial Wastes on Unicellular Algae and Seagrass. In: *Research and Development: Experimental Environments Branch, Prog.Rep.for Fiscal Year 1981, Unpubl.Lab.Data, U.S.EPA, ERL-Gulf Breeze, FL* 3-26.
EcoReference No.: 4803
Chemical of Concern: ATZ,CPY,PCP; Habitat: A; Effect Codes: PHY,MOR,POP; Rejection Code: Less sensitive endpoint.
- Walsh, G. E., Hansen, D. L., and Lawrence, D. A. (1982). A Flow-Through System for Exposure of Seagrass to Pollutants. *Mar.Environ.Res.* 7: 1-11.
EcoReference No.: 11630
Chemical of Concern: PCP,ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: Less sensitive endpoint.

- Walsh, G. E., McLaughlin, L. L., Yoder, M. J., Moody, P. H., Lores, E. M., Forester, J., and Wessinger-Duvall, P. B. (1988). *Minutocellus Polymorphus*: A New Marine Diatom for Use in Algal Toxicity Tests. *Environ.Toxicol.Chem.* 7: 925-929.
EcoReference No.: 13180
Chemical of Concern: Cd,Pb,Zn,TBT,CPY,ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Weiner, J. A., DeLorenzo, M. E., and Fulton, M. H. (2004). Relationship Between Uptake Capacity and Differential Toxicity of the Herbicide Atrazine in Selected Microalgal Species. *Aquat.Toxicol.* 68: 121-128.
EcoReference No.: 78648
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,ACC; Rejection Code: **Less sensitive endpoint.**
- Wetzel, L. T., Luempert, L. G. I., Breckenridge, C. B., Tisdell, M. O., Stevens, J. T., Thakur, A. K., Extrom, P. J., and Eldridge, J. C. (1994). Chronic Effects of Atrazine on Estrus and Mammary Tumor Formation in Female Sprague-Dawley and Fischer 344 Rats. *J.Toxicol.Environ.Health* 43: 169-182.
EcoReference No.: 55538
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**
- Wiegand, C., Krause, E., Steinberg, C., and Pflugmacher, S. (2001). Toxicokinetics of Atrazine in Embryos of the Zebrafish (*Danio rerio*). *Ecotoxicol.Environ.Saf.* 49: 199-205.
EcoReference No.: 62460
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: **Less sensitive endpoint.**
- Wiegand, C., Pflugmacher, S., Giese, M., Frank, H., and Steinberg, C. (2000). Uptake, Toxicity, and Effects on Detoxication Enzymes of Atrazine and Trifluoroacetate in Embryos of Zebrafish. *Ecotoxicol.Environ.Saf.* 45: 122-131.
EcoReference No.: 55587
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,BCM,ACC; Rejection Code: **Less sensitive endpoint.**
- Wilkins, R. M. and Metcalfe, R. J. (1993). Toxicity of Soil Applied Herbicides to Brine Shrimp Larvae (*Artemia salina*) and Synergism with Other Pesticides. *Brighton Crop Prot.Conf.- Weeds* 1: 163-74.
EcoReference No.: 70574
Chemical of Concern: SZ,ATZ,CBF,MLN,BMC; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**
- Wong, A. T. S., Tylka, G. L., and Hartzler, R. G. (1993). Effects of Eight Herbicides on In Vitro Hatching on *Heterodera glycines*. *J.Nematol.* 25: 578-584.
EcoReference No.: 72076
Chemical of Concern: ATZ,Zn,ACR,BT; Habitat: T; Effect Codes: MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**
- Yu, S. J. (2004). Induction of Detoxification Enzymes by Triazine Herbicides in the Fall Armyworm, *Spodoptera frugiperda* (J.E. Smith). *Pestic.Biochem.Physiol.* 80: 113-122.
EcoReference No.: 78019
Chemical of Concern: SZ,AMTR,CZE,ATZ; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment. No effect at any test concentration.**
- Zagorc-Koncan, J. (1996). Effects of Atrazine and Alachlor on Self-Purification Processes in Receiving Streams. *Water Sci.Technol.* 33: 181-187.
EcoReference No.: 71615

Chemical of Concern: ATZ,ACR; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

Zeljezic, D. and Garaj-Vrhovac, V. (2004). Genotoxicity Evaluation of Pesticide Formulations Containing Alachlor and Atrazine in Multiple Mouse Tissues (Blood, Kidney, Liver, Bone Marrow, Spleen) by Comet Assay. *Neoplasma* 51: 198-203.

EcoReference No.: 80768

Chemical of Concern: ACR,ATZ; Habitat: T; Effect Codes: MOR,CEL; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment.**

Zou, E. and Bonvillain, R. (2004). Chitinase Activity in the Epidermis of the Fiddler Crab, *Uca pugilator*, as an In Vivo Screen for Molt-Interfering Xenobiotics. *Comp.Biochem.Physiol.C* 139: 225-230.

EcoReference No.: 81669

Chemical of Concern: DDT,MTPN,DLD,PMR,TBT,ATZ; Habitat: A; Effect Codes: BCM,MOR; Rejection Code: **No effect at the single test concentration. Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**

ATRAZINE post-IREC (October 2003 - February 2006): Acceptable for ECOTOX but not OPP

Aanes, K. J. (1992). Some Pesticides Used in Norwegian Agriculture and Their Environmental Effects on Common Inhabitants in Freshwater Ecosystems. Tolerance Limits. In: A.Helweg (Ed.), *Pesticides in the Aquatic Environment.Appearance and Effects*, Nov.12-14, 1991, Tune Landboskole, Denmark 108-131.

EcoReference No.: 19224

Chemical of Concern: DMT,ATZ,GYP,SZ,CSF,PCZ,DPP,ES,MCPA; Habitat: A; Effect Codes: MOR,SYS,BEH,GRO; Rejection Code: NO
CONTROL(DMT,SZ,MCPA,ES,DPP,GYP,ATZ,CSF),ENDPOINT(PCZ).

Abe, T., Shimizu, R., Iwamura, H., and Kameya, T. (1987). Flower Induction by Atrazine Analogues in Seedlings of *Asparagus officinalis*. *Physiol.Plant.* 70: 228-230 .

EcoReference No.: 70695

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: REP,GRO; Rejection Code: TARGET(SZ,ATZ).

Aberg, E. (1976). Effect of Triazine Herbicides on the Production of Plant Proteins. *Vaxtodling* 30: 41 p.

EcoReference No.: 71524

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: TARGET(SZ,ATZ).

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

EcoReference No.: 5322

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

Adkins, S. W., Wills, D., Boersma, M., Walker, S. R., Robinson, G., McLeod, R. J., and Einam, J. P. (1997). Weeds Resistant to Chlorsulfuron and Atrazine from the North-East Grain Region of Australia. *Weed Res.* 37: 343-349.

EcoReference No.: 72914

Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET(ATZ).

Agrawal, S. B., Tomar, G. S., and Dubey, K. M. (1994). Effect of Atrazine Under Different Nitrogen Levels on Forage Yield of Sorghum (*Sorghum bicolor* (L.) Moench). *Crop Res.* 7: 190-192.

EcoReference No.: 80148

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

- Akkanen, J. and Kukkonen, J. V. K. (2001). Effects of Water Hardness and Dissolved Organic Material on Bioavailability of Selected Organic Chemicals. *Environ.Toxicol.Chem.* 20: 2303-2208.
EcoReference No.: 63524
Chemical of Concern: PAH,ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).
- Akkanen, J., Penttinen, S., Haitzer, M., and Kukkonen, J. V. K. (2001). Bioavailability of Atrazine, Pyrene and Benzo(a)pyrene in European River Waters. *Chemosphere* 45: 453-462.
EcoReference No.: 61870
Chemical of Concern: ATZ,PAH; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).
- Alabaster, J. S. (1969). Survival of Fish in 164 Herbicides, Insecticides, Fungicides, Wetting Agents and Miscellaneous Substances. *Int.Pest Control* 11: 29-35 (Author Communication Used).
EcoReference No.: 542
Chemical of Concern: 24DXY,ATZ,CMPH,DBN,DZ,PQT,SZ,ACL,DZM,TFN,TBT,PYZ,FUR,NaPCP;
Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
- Aladesanwa, R. D., Adenawoola, A. R., and Olowolafe, O. G. (2001). Effects of Atrazine Residue on the Growth and Development of Celosia (Celosia argentea) Under Screenhouse Conditions in Nigeria. *Crop Prot.* 20: 321-324.
EcoReference No.: 79511
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).
- Almeida, R. G., Florio, J. C., Spinosa, H. S., and Bernardi, M. M. (2002). Comparative Effects of Maternal Prenatal and Postnatal Exposures to Astemizole on Reproductive Parameters of Rats. *Neurotoxicol.Teratol.* 24: 255-265.
EcoReference No.: 81465; Habitat: T; Effect Codes: GRO,REP; Rejection Code: NO COC(ATZ).
- Altenburger, R., Bodeker, W., Faust, M., and Grimme, L. H. (1990). Evaluation of the Isobologram Method for the Assessment of Mixtures of Chemicals. *Ecotoxicol.Environsaf.* 20: 98-114.
EcoReference No.: 3023
Chemical of Concern: ATZ,AMTL,MBZ,GFS; Habitat: A; Effect Codes: PHY,GRO,REP,POP;
Rejection Code: NO CONTROL(ALL CHEMS).
- Anderson, R. L. (1990). No-Till Proso Millet Production. *Agron.J.* 82: 577-580.
EcoReference No.: 80105
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Anderson, R. L. and Greb, B. W. (1987). Residual Herbicides for Weed Control in Proso Millet (Panicum miliaceum L.). *Crop Prot.* 6: 61-63.
EcoReference No.: 78676
Chemical of Concern: PPZ,MBZ,CZE,ATZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ).
- 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; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).
- Antychowicz, J., Szymbor, E., and Roszkowski, J. (1979). Investigations upon the Effects of Some Pesticides on Carp (Cyprinus carpio). *Bull.Vet.Inst.Pulawy* 23: 124-130.
EcoReference No.: 6308
Chemical of Concern: ATZ,MP,PQT; Habitat: A; Effect Codes: MOR; Rejection Code: NO

ENDPOINT(ALL CHEMS).

- Appleby, A. P. and Somabhi, M. (1978). Antagonistic Effect of Atrazine and Simazine on Glyphosate Activity. *Weed Sci.* 26: 135-139.
EcoReference No.: 41478
Chemical of Concern: SZ,ATZ,GYP; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,SZ).
- Applegate, V. C., Howell, J. H., Hall, A. E. Jr., and Smith, M. A. (1957). Toxicity of 4,346 Chemicals to Larval Lampreys and Fishes. *Spec.Sci.Rep.Fish.No.207, Fish Wildl.Serv., U.S.D.I., Washington, D.C.* 157 p.
EcoReference No.: 638
Chemical of Concern: 24DXY,DZ,HCCH,MLN,MP,ACL,NAA,NYP,CST,Cu,RTN,NaN₃,Ni,CuS,PCP,NaPCP,NaCr,DBAC,Zn,ATZ; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Arnold, G. W., Weeldenberg, J. W., and Leone, J. (1998). Herbicide Control of Exotic Annual Plant Species in *Acacia acuminata*-*Eucalyptus loxephleba* Woodland in South-Western Australia and Effects on Native Ground Flora. *Plant Prot.Q.* 13: 39-43.
EcoReference No.: 70505
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Ashton, F. M., Bisalputra, T., and Risley, E. B. (1966). Effect of Atrazine on *Chlorella vulgaris*. *Am.J.Bot.* 53: 217-219.
EcoReference No.: 18852
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Ashton, F. M., Devilliers, O. T., Glenn, R. K., and Duke, W. B. (1977). Localization of Metabolic Sites of Action on Herbicides. *Pestic.Biochem.Physiol.* 7: 122-141.
EcoReference No.: 42644
Chemical of Concern: 24DXY,ATZ,BMC,DBN,TFN,PAQT,EPTC; Habitat: T; Effect Codes: PHY,CEL,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS) .
- Ashton, F. M., Gifford, E. M. Jr., and Bisalputra, T. (1963). Structural Changes in *Phaseolus Vulgaris* Induced by Atrazine I. Histological Changes. *Bot.Gaz.* 124: 329-335.
EcoReference No.: 42102
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ).
- Ashton, F. M., Gifford, E. M. Jr., and Bisalputra, T. (1963). Structural Changes in *Phaseolus vulgaris* Induced by Atrazine II. Effects on Fine Structure of Chloroplasts. *Bot.Gaz.* 124: 332-343.
EcoReference No.: 27324
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: TARGET(ATZ).
- Ashton, F. M., Penner, D., and Hoffman, S. (1968). Effect of Several Herbicides on Proteolytic Activity of Squash Seedlings. *Weed Sci.* 16: 169-171.
EcoReference No.: 43990
Chemical of Concern: TFN,EDT,24DXY,ATZ,BMC,BMN,BS,DBN,DMB; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Ashton, F. M. and Uribe, E. G. (1962). Effect of Atrazine on Sucrose-C14 and Serine-C14 Metabolism. *Weeds* 10: 295-297.
EcoReference No.: 30757
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: TARGET(ATZ).
- Atkins, C. A. and Tchan, Y. T. (1967). Study of Soil Algae. VI. Bioassay of Atrazine and the Prediction of Its Toxicity in Soils Using an Algal Growth Method. *Plant Soil* 27: 432-442.

- EcoReference No.: 63367
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).
- Bachthaler, G. and Fischbeck, G. (1977). Zytologische Wirkungen Von Herbiziden Auf Kulturpflanzen Unter Berücksichtigung Ihres Einsatzes Bei der Erhaltungszucht. *Ber Arbeitstag Arbeitsgem Saatgutleiter* 28: 77.
EcoReference No.: 26484
Chemical of Concern: ATZ; Habitat: T; Rejection Code: NO FOREIGN.
- Bacon, R. K., Collins, F. C., and Lavy, T. L. (1986). Evaluation of Wheat Cultivars for Seedling Tolerance to Atrazine. *Field Crops Res.* 14: 135-139.
EcoReference No.: 79730
Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(ATZ).
- Baker, E. A., Hayes, A. L., and Butler, R. C. (1992). Physicochemical Properties of Agrochemicals: Their Effects on Foliar Penetration. *Pestic.Sci.* 34: 167-182 .
EcoReference No.: 70752
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(SZ,ATZ).
- Bakke, J. E., Larson, J. D., and Price, C. E. (1972). Metabolism of Atrazine and 2-Hydroxyatrazine by the Rat. *J.Agric.Food Chem.* 20: 602-607.
EcoReference No.: 81668
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).
- Balasubrahmanyam, V. R. and Khanduja, S. D. (1973). Effect of Foliar Sprays of Uracil, Xanthine and Caffeine on the Nucleic Acid and Protein Content of Leaves and Fruiting of Thompson Seedless Grapes (Der Einfluss von Sprühbehandlungen mit Uracil, Xanthin und Coffein auf den Nukleinsäure- und Proteingehalt der Blätter Sowie den Fruchtansatz bei Thompson-Seedless-Reben). *Vitis* 12: 100-104.
EcoReference No.: 63528
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Ballhorn, L., Freitag, D., Geyer, H., Quast, I., and et al. (1984). Überprüfung der Durchführbarkeit von Prüfungsvorschriften und der Aussagekraft der Stufe I und II des E. Chem. G. *Forschungsbericht No.106 04 011/02, Umweltbundesamt Berlin (OECDG Data File)*.
EcoReference No.: 56310
Chemical of Concern: ATZ,HCCH,PCP; Habitat: T; Effect Codes: GRO; Rejection Code: NO FOREIGN.
- Balyan, R. S. and Bhan, V. M. (1989). Competing Ability of Maize, Pearl Millet, Mung bean and Cowpea with Carpetweed Under Different Weed Management Practices. *Crop Res.(Hisar)* 2: 147-153.
EcoReference No.: 79734
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,GRO,POP; Rejection Code: TARGET(ATZ).
- Banaszkiewicz, T., Radecki, J., and Kozaczenko, H. (1991). Atrazine and Lead Content in Maize Seedlings (Zea mays L.) Treated by Herbicide and Lead Compounds. *Acta Physiol.Plant.* 13: 91-94.
EcoReference No.: 79733
Chemical of Concern: ATZ,Pb; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: TARGET(ATZ).
- Banks, K. E., Turner, P. K., Wood, S. H., and Matthews, C. (2005). Increased Toxicity to Ceriodaphnia dubia in Mixtures of Atrazine and Diazinon at Environmentally Realistic Concentrations. *Ecotoxicol.Environ.Saf.* 60: 28-36.
EcoReference No.: 76752
Chemical of Concern: ATZ,DZ; Habitat: A; Effect Codes: MOR; Rejection Code: OK(DZ),NO MIXTURE(ATZ).

- Barba, R. C. and Romanowski, R. R., Jr. (1969). Differential Phytotoxicity of Atrazine and Ametryne to Bananas. *Weed Res.* 9: 114-120.
EcoReference No.: 43360
Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO
ENDPOINT(ATZ).
- Bartoli, C. G., Beltrano, J., Fernandez, L. V., and Caldiz, D. O. (1993). Control of the Epiphytic Weeds *Tillandsia recurvata* and *Tillandsia aeranthos* with Different Herbicides. *For.Ecol.Manag.* 59: 289-294.
EcoReference No.: 70693
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Bathe, R., Sachsse, K., Ullmann, L., Hormann, W. D., Zak, F., and Hess, R. (1975). The Evaluation of Fish Toxicity in the Laboratory. *Proc.Eur.Soc.Toxicol.* 16: 113-124 .
EcoReference No.: 7199
Chemical of Concern: SZ,ATZ,DZ,MDT,DDT,AMTR,PRO,FMU,PPHD; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO CONTROL(ALL CHEMS).
- Bathe, R., Ullmann, L., and Sachsse, K. (1973). Determination of Pesticide Toxicity to Fish. *Schriftenr.Ver.Wasser-Boden-Lufthyg.Berlin-Dahlem* 37: 241-256 (ENG TRANSL).
EcoReference No.: 546
Chemical of Concern: ATZ,SZ,AMTR,PMT,FMU; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
- Bean, B. W., Piccinni, G., and Salisbury, C. D. (1999). Wheat Cultivar Tolerance to Atrazine. *J.Prod.Agric.* 12: 596-600.
EcoReference No.: 79713
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).
- Beaumont, G., Bastin, R., and Therrien, H. P. (1976). Physiological Effects of Sublethal Doses of Atrazine on *Lemna minor*. II. Influence on Photosynthesis and Respiration (Effets Physiologiques de l'Atrazine A Doses Sublethales sur *Lemna minor* L. II. Influence sur la Photosynthese et sur la Respiration). *Nat.Can.* 103: 535-541(FRE) (ENG ABS).
EcoReference No.: 7346
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: NO FOREIGN(ATZ).
- Beaumont, G., Bastin, R., and Therrien, H. P. (1978). Physiological-Effects of Sublethal Doses of Atrazine on *Lemna minor* L. 3. Soluble-Proteins and Nucleic Acids (Effets Physiologiques de l'Atrazine a Doses Sublethales sur *Lemna minor* L. III. Influence sur les Proteines Solubles et les Acides Nucleiques). *Nat.Can.* 105: 103-113 (FRE) (ENG ABS).
EcoReference No.: 6987
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,CEL; Rejection Code: NO
FOREIGN(ATZ).
- Beaumont, G., Bastin, R., and Therrien, H. P. (1976). Physiological Effects of Sublethal Doses of Atrazine on *Lemna minor* L. I. Influence on Growth and Chlorophyll Protein, and Total Soluble Nitrogen. *Nat.Can.* 103: 527-533(FRE)(ENG ABS).
EcoReference No.: 589
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO; Rejection Code: NO FOREIGN(ATZ).
- Beaumont, G., Lord, A., and Grenier, G. (1980). Physiologic Effects of Atrazine at Sublethal Doses on *Lemna minor* V. Influence on Ultrastructure of Chloroplasts. *Can.J.Bot.* 58: 1571-1577 (FRE) (ENG ABS).
EcoReference No.: 6185
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO FOREIGN(ATZ).
- Bednarz, T. (1981). The Evaluation of the Adaptation Ability of Some Green Algae to 2,4-D Acid, Monuron, and

- Diuron Admixtures, Under Laboratory Conditions. *Acta Hydrobiol.* 23: 251-257.
EcoReference No.: 60995
Chemical of Concern: SZ,ATZ,DU,24DXY; Habitat: A; Effect Codes: POP; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Behra, R., Genoni, G. P., and Joseph, A. L. (1999). Effect of Atrazine on Growth, Photosynthesis, and Between-Strain Variability in *Scenedesmus subspicatus* (Chlorophyceae). *Arch.Environ.Contam.Toxicol.* 37: 36-41.
EcoReference No.: 20444
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY,POP; Rejection Code: NO
ENDPOINT(ATZ).
- Bell, A. M. and Duke, N. C. (2005). Effects of Photosystem II Inhibiting Herbicides on Mangroves-Preliminary Toxicology Trials . *Mar.Pollut.Bull.* 51: 297-307.
EcoReference No.: 78782
Chemical of Concern: DU,AMTR,ATZ; Habitat: T; Effect Codes: POP,MOR,BCM; Rejection Code: TARGET(ATZ).
- Benoit, P., Barriuso, E., and Calvet, R. (1998). Biosorption Characterization of Herbicides, 2,4-D and Atrazine, and Two Chlorophenols on Fungal Mycelium. *Chemosphere* 37: 1271-1282.
EcoReference No.: 47478
Chemical of Concern: ATZ,24DXY,24DC; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).
- Berard, A., Rimet, F., Capowiez, Y., and Le Boulanger, C. (2004). Procedures for Determining the Pesticide Sensitivity of Indigenous Soil Algae: A Possible Bionindicator of Soil Contamination? *Arch.Environ.Contam.Toxicol.* 46: 24-31.
EcoReference No.: 73639
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: TARGET(ATZ).
- Berry, C. D. and Buchanan, G. A. (1975). Tolerance of Phalaris and Tall Fescue to Postemergence Herbicide Treatments. *Proc.South.Weed Sci.Soc.* 28: 102-110.
EcoReference No.: 41413
Chemical of Concern: TFN,ATZ,PCL,DMB,24DXY; Habitat: T; Effect Codes: MOR,PHY,GRO,POP; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).
- Berry, C. D. and Buchanan, G. A. (1974). Tolerance of Phalaris tuberosa L. and Festuca arundinacea Schreb. to Preemergence Herbicide Treatment. *Crop Sci.* 14: 96-99.
EcoReference No.: 41566
Chemical of Concern: TFN,CPP,ACR,FMU,ATZ,SZ,PMT,VNT,NPM,DU,BS,EFS,DMB ; Habitat: T; Effect Codes: POP,PHY,MOR,REP; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).
- Besplug, J., Filkowski, J., Burke, P., Kovalchuk, I., and Kovalchuk, O. (2004). Atrazine Induces Homologous Recombination but not Point Mutation in the Transgenic Plant-Based Biomonitoring Assay. *Arch.Environ.Contam.Toxicol.* 46: 296-300.
EcoReference No.: 74214
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: OK TARGET(ATZ).
- Bhargava, J. N., Sharma, J. P., and Sharma, Y. P. (1987). Effect of Herbicides on the Nutrient Uptake by July Elberta Peach Trees. *Prog.Hortic.* 19: 227-230.
EcoReference No.: 80887
Chemical of Concern: ATZ,Du,OXF; Habitat: T; Effect Codes: BCM,CEL,PHY; Rejection Code: TARGET(ATZ).
- Bhutani, V. P., Bhan, S., and Chopra, S. K. (1984). The Influence of Herbicides on the Soil Microflora in a Plum Orchard. *Sci.Hortic.* 23: 191-194.
EcoReference No.: 70502

- Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Biagianti-Risbourg, S. (1992). An Histo-cytological Approach to Study the Hepatic Responses of Mulletts (Teleosts) to Subacute Concentrations of Atrazine. *ASFA, 1988-12/95 CDROM, Prepared by SilverPlatter Information Inc., Updated to 12/95:AN 2849398 (ABS) / Ichthyophysiol.Acta* 15: 205-223.
EcoReference No.: 16346
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO
CONTROL,ENDPOINT(ATZ).
- Biagianti, S. (1985). Ultrastructural Alterations of the Liver of Young Mulletts by a Herbicide - Atrazine (S-Triazine). *Aquat.Sci.Fish.Abstr.15(11):23639-1Q15 / Ichthyophysiol.Acta* 9: 242.
EcoReference No.: 578
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY,CEL; Rejection Code: NO
ABSTRACT(ATZ).
- Birschbach, E. D., Myers, M. G., and Harvey, R. G. (1993). Triazine-Resistant Smooth Pigweed (*Amaranthus hybridus*) Control in Field Corn (*Zea mays* L.). *Weed Technol.* 7: 431-436.
EcoReference No.: 73999
Chemical of Concern:
MTL,ACO,ACR,BMN,LNR,PDM,PYD,THF,ATZ,BT,CZE,DMB,MBZ,DMM,SZ,24DXY; Habitat: T;
Effect Codes: POP,PHY; Rejection Code: OK TARGET(SZ,DMB,ATZ).
- Blumhorst, M. R., Weber, J. B., and Swain, L. R. (1990). Efficacy of Selected Herbicides as Influenced by Soil Properties. *Weed Technol.* 4: 279-283.
EcoReference No.: 74065
Chemical of Concern: MTL,CZE,ACR,ATZ,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO
ENDPOINT(MTL),TARGET(ATZ).
- Bogacka, T., Trzcinska, B., and Groenwald, M. (1990). Toxicity and Biodegradation of Atrazine and Symazine in Water Medium (Toksychnosc i Biodegradacja Atrazyny i Symazyny w Srodowisku Wodnym). *Bromatol.Chem.Toksykol.* 23: 26-34 (POL) (ENG ABS).
EcoReference No.: 61069
Chemical of Concern: ATZ,SZ; Habitat: A; Effect Codes: POP,MOR,PHY,GRO; Rejection Code: NO
FOREIGN.
- Bohm, H. H. and Muller, H. (1976). Model Studies on the Accumulation of Herbicides by Microalgae. *Naturwissenschaften* 63: 296.
EcoReference No.: 7729
Chemical of Concern: 24DXY,ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO
CONTROL(ALL CHEMS).
- Bouilly, K., Leitao, A., Chaves, R., Guedes-Pinto, H., Boudry, P., and Lapegue, S. (2005). Endonuclease Banding Reveals that Atrazine-Induced Aneuploidy Resembles Spontaneous Chromosome Loss in *Crassostrea gigas*. *Genome* 48: 177-180.
EcoReference No.: 81757
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL,REP; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Boura-Halfon, S., Rise, M., Arad (Malis), S., and Sivan, A. (1997). Characterization of Mutants of the Red Microalga *Porphyridium aeruginum* (Rhodophyceae) Resistant to DCMU and Atrazine. *Phycologia* 36: 479-487.
EcoReference No.: 63613
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: POP,BCM; Rejection Code: NO
ENDPOINT(ALL CHEMS).

Boutet, I., Tanguy, A., and Moraga, D. (2004). Characterisation and Expression of Four mRNA Sequences Encoding Glutathione S-Transferases pi, mu, omega and sigma Classes in the Pacific Oyster (*Crassostrea gigas*) Exposed to Hydrocarbons and Pesticides. *Mar.Biol.* 146: 53-64.

EcoReference No.: 81781

Chemical of Concern: ATZ,GYP,DU; Habitat: A; Effect Codes: CEL; Rejection Code: NO MIXTURE(ATZ).

Boutet, I., Tanguy, A., and Moraga, D. (2004). Molecular Identification and Expression of Two Non-P450 Enzymes, Monoamine Oxidase A and Flavin-Containing Monooxygenase 2, Involved in Phase I of Xenobiotic Biotransformation in the Pacific Oyster, *Crassostrea gigas*. *Biochim.Biophys.Acta* 1679: 29-36.

EcoReference No.: 78499

Chemical of Concern: GYP,ATZ,DU; Habitat: A; Effect Codes: CEL,MOR; Rejection Code: NO MIXTURE(ATZ,DU).

Bowman, M. C., Oller, W. L., Cairns, T., Gosnell, A. B., and Oliver, K. H. (1981). Stressed Bioassay Systems for Rapid Screening of Pesticide Residues. Part I: Evaluation of Bioassay Systems. *Arch.Environ.Contam.Toxicol.* 10: 9-24.

EcoReference No.: 2192

Chemical of Concern: ATZ,CBL,HgCl₂,DLD,PRN,Maneb; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Bowran, D. G. (1993). Tolerance of Crop Legumes and Pastures to Herbicides. In: J.Dodd, R.J.Martin, and K.M.Howes (Eds.), *Management of Agricultural Weeds in Western Australia*, Dep.Agric., Western Australia, Bull.No.4243 173-178.

EcoReference No.: 72748

Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Boydston, R. A. and Slife, F. W. (1986). Alterations of Atrazine Uptake and Metabolism by Tridiphane in Giant Foxtail *Setaria faberi* and Corn (*Zea mays*). *Weed Sci.* 34: 850-858.

EcoReference No.: 80070

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,POP,PHY; Rejection Code: TARGET(ATZ).

Bradley, P. R., Johnson, W. G., and Smeda, R. J. (2000). Response of Sorghum (*Sorghum bicolor*) to Atrazine, Ammonium Sulfate, and Glyphosate. *Weed Technol.* 14: 15-18.

EcoReference No.: 59354

Chemical of Concern: ATZ,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Braginskii, L. P. and Migal, A. K. (1973). Effect of Atrazine on the Vital Activity of Some Aquatic Plants. *Exp.Water Toxicol.(Eksp.Vodn.Toksikol.)* 5: 179-187 (RUS) (ENG ABS).

EcoReference No.: 8775

Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: NO FOREIGN(ATZ).

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

EcoReference No.: 18554

- Chemical of Concern: ATZ,DS,DZ,LNR; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).
- Brewer, P. E. and Slife, F. W. (1979). Soybeans (Glycine Max) as a Rescue Crop Following Cyanazine and Procyazine Application. *Weed Sci.* 27: 263-266.
- EcoReference No.: 42826
Chemical of Concern: ATZ,CZE; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Bridges, D. C. (1998). Differential Tolerance of Wild Radish and Canola to Herbicides. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 32-33.
- EcoReference No.: 73098
Chemical of Concern: ATZ,BT; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Bridges, D. C. and Murphy, T. R. (1998). Canola Tolerance to Residues from Spring-Applied Herbicides. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 29-32.
- EcoReference No.: 73100
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(ATZ).
- Bridges, D. C. and Raymer, P. L. (1998). Response of Canola Cultivars and Wild Radish to Atrazine. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 34-36.
- EcoReference No.: 73096
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).
- Bringmann, G. and Kuhn, R. (1977). Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test. *Wasser-Abwasser-Forsch.* 10(3/4):87-98 (GER) (ENG ABS) / TR-80-0400, TR-78-0043, Literature Research Company (GER)(ENG TRANSL)(OECD Data File).
- EcoReference No.: 7453
Chemical of Concern: CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Cd,Se,ATZ,Pb,AMSV,NaBr; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS).
- Bringmann, G. and Kuhn, R. (1978). Limiting Values for the Noxious Effects of Water Pollutant Material to Blue Algae (*Microcystis aeruginosa*) and Green Algae (*Scenedesmus quadricauda*) in Cell Propagation Inhibition Tests (Grenzwerte der Schadwirkung Wassergefahrdender Stoffe Gegen Blaualgen (*Microcystis aeruginosa*) und Grunalgen (*Scenedesmus quadricauda*) im Zellvermehrungshemmtest). *Vom Wasser* 50: 45-60.
- EcoReference No.: 19121
Chemical of Concern: ATZ,CBL,HCCH,NaCr,CN,FUR,CuS,BZO,As,Ni,Zn,Ag,Cd,Pb,AMSV,NaBr,Se; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS).
- Bringmann, G. and Kuhn, R. (1978). Testing of Substances for Their Toxicity Threshold: Model Organisms *Microcystis* (*Diplocystis*) *aeruginosa* and *Scenedesmus quadricauda*. *Mitt.Int.Ver.Theor.Angew.Limnol.* 21: 275-284 (Author Communication Used).
- EcoReference No.: 15134
Chemical of Concern:
Be,Cd,Ag,CuS,Ni,SFL,HgCl₂,ATZ,LNR,Pb,CN,DNT,24DC,FRN,PL,CBZ,MCRE,ETHB,FUR,NBZ,PHT

H,3CE,NP,AN,CBL,CF,HCCH,ATC,Urea,CTC,NaCr,Cu,BZO,As,Se,AMSV,NaBr; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Brinkman, M. A., Langer, D. K., Harvey, R. G., and Hardie, A. R. (1980). Response of Oats to Atrazine. *Crop Sci.* 20: 185-189.

EcoReference No.: 29472

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: TARGET(ATZ).

Britson, C. A. and Threlkeld, S. T. (2000). Interactive Effects of Anthropogenic, Environmental, and Biotic Stressors on Multiple Endpoints in *Hyla chrysoscelis*. *J.Iowa Acad.Sci.* 107: 61-66.

EcoReference No.: 69857

Chemical of Concern: ATZ,CPY,Hg; Habitat: A; Effect Codes: GRO,MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Brooks, D. R., Clark, S. J., Perry, J. N., Bohan, D. A., Champion, G. T., Firbank, L. G., Houghton, A. J., Hawes, C., Heard, M. S., and Woiwod, I. P. (2005). Invertebrate Biodiversity in Maize Following Withdrawal of Triazine Herbicides. *Proc.R.Soc.Lond.Ser.B* 272: 1497-1502.

EcoReference No.: 81778

Chemical of Concern: ATZ; Habitat: T; Rejection Code: NO CONTROL(ALL CHEMS).

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

EcoReference No.: 78601

Chemical of Concern: PPZ,OYZ,CBF,GYP,ATZ,FZF,MTL,PQT,BMN; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-ATZ).

Bruce, J. A., Penner, D., and Kells, J. J. (1993). Absorption and Activity of Nicosulfuron and Primisulfuron in Quackgrass (*Elytrigia repens*) as Affected by Adjuvants. *Weed Sci.* 41: 218-224.

EcoReference No.: 80058

Chemical of Concern: NSF,PMS,ATZ; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(ATZ).

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

EcoReference No.: 16035

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

Bucher, A. S. and Schenk, M. K. (1999). Influence of Additional Cd and Cu Supply on Zn Toxicity in Compost-Peat Substrates (Einfluss von Zusatzlicher Cd- und Cu-Belastung auf die Toxizität von Zn in Kompost-Torf-Substraten). *Gartenbauwissenschaft* 64: 241-246.

EcoReference No.: 69288

Chemical of Concern: Cu,Zn,Cd,ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Bucholtz, D. L. and Lavy, T. L. (1978). Pesticide Interactions in Oats (*Avena sativa* L. 'Neal'). *J.Agric.Food* 26: 520-524.

EcoReference No.: 43477

- Chemical of Concern: ATZ,DU,ACR,PRT,TFN; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: LITE EVAL CODED(PRT),OK(ALL CHEMS),OK TARGET(ATZ).
- Buhler, D. D. and Daniel, T. C. (1988). Influence of Tillage Systems on Giant Foxtail, *Setaria faberi* and Velvetleaf, *Abutilon theophrasti*, Density and Control in Corn, *Zea mays*. *Weed Sci.* 36: 642-647.
- EcoReference No.: 74056
Chemical of Concern: MTL,ATZ,PDM,CZE; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL,ATZ).
- Buhler, D. D., Doll, J. D., Proost, R. T., and Visocky, M. R. (1995). Integrating Mechanical Weeding with Reduced Herbicide Use in Conservation Tillage Corn Production Systems. *Agron.J.* 87: 507-512.
- EcoReference No.: 73980
Chemical of Concern: MTL,CZE,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),TARGET(ATZ).
- Bultelle, F., Panchout, M., Leboulenger, F., and Danger, J. M. (2002). Identification of Differentially Expressed Genes in *Dreissena polymorpha* Exposed to Contaminants. *Mar.Environ.Res.* 54: 385-389.
- EcoReference No.: 81466
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Burnet, M. W. M., Hart, Q., Holtum, J. A. M., and Powles, S. B. (1994). Resistance to Nine Herbicide Classes in a Population of Rigid Ryegrass (*Lolium rigidum*). *Weed Sci.* 42: 369-377.
- EcoReference No.: 70736
Chemical of Concern: SZ,ATZ,SXD,IZP; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(SZ,SXD,IZP,ATZ).
- Burnet, M. W. M., Hildebrand, O. B., Holtum, J. A. M., and Powles, S. B. (1991). Amitrole, Triazine, Substituted Urea, and Metribuzin Resistance in a Biotype of Rigid Ryegrass (*Lolium rigidum*). *Weed Sci.* 39: 317-323.
- EcoReference No.: 70098
Chemical of Concern: SZ,ATZ,MBZ,DMM,SXD,PPZ,AMTL,CZE,PRO,AMTR,DU,FMU,MTZ,CSF,GYP,OXF; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(SZ,SXD,ATZ).
- Burnside, O. C. and Moomaw, R. S. (1975). Sorghum Growth as Affected by Annual Applications of Atrazine. *Weed Sci.* 23: 494-498.
- EcoReference No.: 41714
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(ATZ).
- Burnside, O. C., Wicks, G. A., and Fenster, C. R. (1964). Influence of Tillage, Row Spacing and Atrazine on Sorghum and Weed Yields from Nonirrigated Sorghum Across Nebraska. *Weeds* 12: 211-215.
- EcoReference No.: 42119
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ).
- Busey, P., Broschat, T. K., and Johnston, D. L. (2003). Injury to Landscape and Vegetable Plants by Volatile Turf Herbicides. *Horttechnology* 13: 650-653.
- EcoReference No.: 81733

- Chemical of Concern: ATZ,MCPA,24DP,MCP; Habitat: T; Effect Codes: GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Bush, P. B. and Ries, S. K. (1974). Effect of Atrazine on Elongation of the Embryonic Axis of Red Kidney Bean. *Weed Sci.* 22: 227-229.
- EcoReference No.: 43399
Chemical of Concern: ATZ; Habitat: T; Rejection Code: OK TARGET(ATZ).
- Butler, G. L., Deason, T. R., and O'Kelley, J. C. (1975). Loss of Five Pesticides from Cultures of Twenty-One Planktonic Algae. *Bull.Environ.Contam.Toxicol.* 13: 149-152 .
- EcoReference No.: 60703
Chemical of Concern: DZ,ATZ,MXL,24DXY; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Butler, P. A. (1965). Commercial Fishery Investigations. In: *Effects of Pesticides on Fish and Wildl.Circ.226, U.S.D.I., Washington, D.C.* 65-77.
- EcoReference No.: 807
Chemical of Concern: ATZ,BS,CMFH,DU,HCC,MLT,PMT,PRT,ACL,NTP,PCLK; Habitat: A; Effect Codes: GRO,MOR,BEH; Rejection Code: NO CONTROL(ALL CHEMS).
- Campbell, M. H. (1990). Distribution, Ecology and Control of Cassinia arcuata (Sifton Bush) in New South Wales. *Aust.J.Exp.Agric.* 30: 215-220.
- EcoReference No.: 70755
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(SZ,ATZ).
- Carson, A. G. and Bandeen, J. D. (1975). Chemical Control of Canada Thistle. *Weed Sci.* 23: 116-118.
- EcoReference No.: 43665
Chemical of Concern: 24DXY,DMB,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).
- Casale, W. L. and Hart, L. P. (1986). Influence of Four Herbicides on Carpogenic Germination and Apothecium Development of Sclerotinia sclerotiorum. *Phytopathology* 76: 980-984.
- EcoReference No.: 70651
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Caux, P. Y. and Kent, R. (1996). Towards the Development of a Site-Specific Water Quality Objective for Atrazine in the Yamaska River, Quebec for the Protection of Aquatic Life. In: *Haya,K.and A.J.Niimi (Eds.), Proc.22nd Annual Aquatic Toxicity Workshop, Oct.2-4, 1995, St.Andrews, New Brunswick, Can.Tech.Rep.Fish.Aquat.Sci.No.2093* 18 (ABS).
- EcoReference No.: 17625
Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ABSTRACT(ATZ).
- Cellier, K. M. and Stephens, C. G. (1980). Effect of Weed Control and Fertilizer Placement on the Establishment and Early Growth of Pinus radiata in Southern Australia. *Aust.For.Res.* 10: 361-369.
- EcoReference No.: 71353
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Cervelli, S., Ciardi, C., and Perna, A. (1982). Effect of Atrazine on Soil Transformations of Nitrogen and Uptake by Corn. *J.Environ.Qual.* 11: 82-86.

EcoReference No.: 71011

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(ATZ).

Chadhokar, P. A. and Mani, V. S. (1972). Effect of Herbicides on Weed Control and Grain Production in Sorghum. *Int.J.Agric.Sci.* 42: 610-613.

EcoReference No.: 41360

Chemical of Concern: SZ,ATZ,PPZ,24DXY; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(PPZ),OK TARGET(ATZ,SZ),OK(ALL CHEMS).

Challa, P. (1987). Chemical Weed Control in Grape (*Vitis vinifera* L.) Nurseries. *Pesticides* 21: 27-29.

EcoReference No.: 70684

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(SZ,ATZ).

Chalupsky, J. Jr. (1989). The Influence of Zeazin 50 on Enchytraeidae (Oligochaeta) in an Apple Orchard Soil. *Pedobiologia* 33 : 361-371.

EcoReference No.: 63329

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

Charles, G. W. (1997). Herbicide Strategies for Reducing Nutgrass (*Cyperus rotundus* L.) Density in Cotton (*Gossypium hirsutum* L.). *Aust.J.Exp.Agric.* 37: 231-241.

EcoReference No.: 73428

Chemical of Concern: 24DXY,PDM,GYP,ATZ,DU,NFZ,IZP; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(MTL),TARGET(IZP,ATZ).

Cherifi, M., Raveton, M., Picciocchi, A., Ravanel, P., and Tissut, M. (2001). Atrazine Metabolism in Corn Seedlings. *Plant Physiol.Biochem.* 39: 665-672.

EcoReference No.: 63267

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(ATZ).

Christin, M. S., Menard, L., Gendron, A. D., Ruby, S., Cyr, D., Marcogliese, D. J., Rollins-Smith, L., and Fournier, M. (2004). Effects of Agricultural Pesticides on the Immune System of *Xenopus laevis* and *Rana pipiens*. *Aquat.Toxicol.* 67: 33-43.

EcoReference No.: 72734

Chemical of Concern: MBZ,ATZ,ES,HCCH,DLD,ADC; Habitat: A; Effect Codes: CEL,MOR; Rejection Code: NO MIXTURE(MBZ,ATZ,ES,HCCH,DLD,ADC).

Clay, S. A., Clay, D. E., Koskinen, W. C., and Berg, R. K. Jr. (1998). Application Method: Impacts on Atrazine and Alachlor Movement, Weed Control, and Corn Yield in Three Tillage Systems. *Soil Tillage Res.* 48: 215-224.

EcoReference No.: 63170

Chemical of Concern: ACR,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Cole, A. W. and Coats, G. E. (1973). Tall Morningglory Germination Response to Herbicides and Temperature. *Weed Sci.* 21: 443-446.

EcoReference No.: 41496

- Chemical of Concern: ATZ,BMC,DU,SZ,MBZ,TRB,TFN,EPTC,NPM,DCPA; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).
- Conner, A. J. and Christey, M. C. (1997). A Seed Treatment for Eliminating Non-hybrid Plants when Using Atrazine Resistance as a Genetic Marker for Hybrid Seed Production. *Ann.Bot.* 80: 561-564.
- EcoReference No.: 67128
Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP; Rejection Code: TARGET(ATZ).
- Coote, D. R. and Saidak, W. J. (1984). Influence of Herbicide Use and Inter-Row Tillage on Corn Yields and Soil Conditions. *Can.J.Plant Sci.* 64: 405-409.
- EcoReference No.: 44130
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ).
- Copping, L. G., Davis, D. E., and Pillai, C. G. P. (1972). Growth Regulator-Like Activity of Atrazine and Ametryne. *Weed Sci.* 20: 274-277.
- EcoReference No.: 43280
Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP; Rejection Code: TARGET(ATZ).
- Corkern, C. B., Jordan, D. L., Griffin, J. L., Vidrine, P. R., Williams, B. J., and Reynolds, D. B. (1999). Influence of Adjuvants on Interactions of Sethoxydim with Selected Broadleaf Herbicides Used in Corn (*Zea mays*). *Weed Technol.* 13: 821-824 .
- EcoReference No.: 63264
Chemical of Concern: ATZ,24DXY,BMN,BT,SXD; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(TARGET-SXD),MIXTURE(24DXY,BMN,BT,TARGET-ATZ).
- Cossarini-Dunier, M. (1987). Effects of the Pesticides Atrazine and Lindane and of Manganese Ions on Cellular Immunity of Carp, *Cyprinus carpio*. *J.Fish Biol.* 31: 67-73.
- EcoReference No.: 6236
Chemical of Concern: HCCH,ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: OK(HCCH),NO IN VITRO(ATZ).
- Costa, J. and Appleby, A. P. (1976). Response of Two Yellow Nutsedge Varieties to Three Herbicides. *Weed Sci.* 24: 54-58.
- EcoReference No.: 41686
Chemical of Concern: 24DXY,ATZ; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Couch, R. W., Gramlich, J. V., Davis, D. E., and Funderburk, H. H. Jr. (1965). The Metabolism of Atrazine and Simazine by Soil Fungi. *Proc.South.Weed Conf.* 18: 623-631 .
- EcoReference No.: 57169
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(SZ),TARGET(ATZ).
- Court de Billot, M. R. and Nel, P. C. (1978). Effect of Atrazine and Cyanazine on the Composite Lines and Crosses of Three Maize Hybrids. *Gewasprod Crop Prod* 7: 181-183.
- EcoReference No.: 26548
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Court de Billot, M. R. and Nel, P. C. (1977). Metolachlor Herbicide Injury to Waxy Maize as Affected by Temperature, Seed Size and Planting Depth. *Crop Prod.* 6: 73-76.

EcoReference No.: 26546

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

Crafts, A. S. and Yamaguchi, S. (1964). The Autoradiography of Plant Materials. *Manual 35, The Autoradiography of Plant Materials, Calif.Agric.Exp.Stn., Davis, CA* 143 p.

EcoReference No.: 72130

Chemical of Concern: 24DXY,ATZ,PCP,SZ,Zn; Habitat: T; Effect Codes: GRO,ACC,BCM; Rejection Code: NO CONC(SZ),ENDPOINT(ALL CHEMS,TARGET-ATZ).

Creager, R. A. (1990). Control of Young Mediterranean Saltwort (*Salsola vermiculata*) with Postemergence Herbicides. *Weed Technol.* 4: 376-379.

EcoReference No.: 70416

Chemical of Concern: SZ,ATZ,IZP,DMB; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: TARGET(SZ,DMB,IZP,ATZ).

Crisinel, A., Delaunay, L., Rossel, D., Tarradellas, J., Meyer, H., Saiah, H., Vogel, P., Delisle, C., and Blaise, C. (1994). Cyst-Based Ecotoxicological Tests Using Anostracans: Comparison of Two Species of *Streptocephalus*. *Environ.Toxicol.Water Qual.* 9: 317-326.

EcoReference No.: 17289

Chemical of Concern: Cd,ATZ,HCCH,MLN,TBT,Cu,CuS,PCP,PL,Zn,Cr,Cd; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(ALL CHEMS).

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

EcoReference No.: 41464

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

Culpepper, A. S. and York, A. C. (1999). Weed Management in Glufosinate-Resistant Corn (*Zea mays*). *Weed Technol.* 13: 324-333.

EcoReference No.: 74064

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

Curic, S., Gojmerac, T., and Zuric, M. (1999). Morphological Changes in the Organs of Gilts Induced with Low-Dose Atrazine. *Vet.Arhib.* 69: 135-148.

EcoReference No.: 79706

Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

Currie, R. S., Li, Y. Z., and Liang, G. H. (1996). Cytological and Morphological Effects of Atrazine and Propazine Application on Grain Sorghum. *Cytologia* 61: 359-363 .

EcoReference No.: 78696

Chemical of Concern: PPZ,ATZ; Habitat: T; Effect Codes: CEL,GRO,PHY; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ).

Damalas, C. A. and Eleftherohorinos, I. G. (2001). Dicamba and Atrazine Antagonism on Sulfonylurea Herbicides Used for Johnsongrass (*Sorghum halepense*) Control in Corn (*Zea mays*). *Weed Technol.* 15: 62-67.

EcoReference No.: 67057

Chemical of Concern: ATZ,DMB; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(DMB,ATZ).

Daris, B. T., Papadopoulou, C., Kelperis, J., and Grimanis, A. P. (1970). Herbicide Influence on the Arsenic Uptake of Grapes. A Study by Neutron Activation Analysis. *Proc.Br.Weed Control Conf.* 10: 429-433.

EcoReference No.: 44496

Chemical of Concern: As,ATZ; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: OK TARGET(ATZ).

Darwazeh, H. A. and Mulla, M. S. (1974). Toxicity of Herbicides and Mosquito Larvicides to the Mosquito Fish *Gambusia affinis*. *Mosq.News* 34: 214-219 (Also Used ECOREF 2131, 2894) (Author Communication Used).

EcoReference No.: 6210

Chemical of Concern: ATZ,CPY,PMT,SZ,PPZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(SZ,ATZ),ENDPOINT(PPZ),OK(CPY).

Davis, D. E., Gramlich, J. V., and Funderburk, H. H., Jr. (1965). Atrazine Absorption and Degradation by Corn, Cotton and Soybeans. *Weeds* 13: 252-255.

EcoReference No.: 27794

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

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; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL,ATZ).

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; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO MIXTURE(MTL),TARGET(DMB,ATZ).

De Arevalo, R. C. G., Lusarreta, C. A., Neyra, C. B., Sanchez, M. A., and Algarra, P. J. H. (1992). Chemical Control of Annual Weeds in Field Beans (*Vicia faba*) in Central Spain. *Weed Sci.* 40: 96-100.

EcoReference No.: 70089

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: MOR,POP,REP; Rejection Code: TARGET(SZ,ATZ).

De Jong, F. M. W. and De Haes, H. A. U. (2001). Development of a Field Bioassay for the Side-Effects of Herbicides on Vascular Plants Using *Brassica napus* and *Poa annua*. *Environ.Toxicol.* 16: 397-407.

EcoReference No.: 69331

Chemical of Concern: ATZ,BT,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).

De Prado, R., Dominguez, C., and Tena, M. (1989). Characterization of Triazine-Resistant Biotypes of Common Lambsquarters (*Chenopodium album*), Hairy Fleabane (*Conyza bonaeriensis*) and Yellow Foxtail (*Setaria glauca*) Found in Spain. *Weed Sci.* 37: 1-4 .

EcoReference No.: 70088

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(SZ,ATZ).

De Prado, R., Dominguez, C., and Tena, M. (1993). Triazine Resistance in Biotypes of *Solanum nigrum* and Four *Amaranthus* Species Found in Spain. *Weed Res.* 33: 17-24.

EcoReference No.: 70746

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: TARGET(SZ,ATZ).

De Prado, R., Lopez-Martinez, N., and Gonzalez-Gutierrez, J. (2000). Identification of Two Mechanisms of Atrazine Resistance in *Setaria faberi* and *Setaria viridis* Biotypes. *Pestic.Biochem.Physiol.* 67: 114-74.

EcoReference No.: 71388

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,ACC,BCM; Rejection Code: TARGET(ATZ).

Dean, J. V., Gronwald, J. W., and Anderson, M. P. (1991). Glutathione-S-Transferase Activity in Nontreated and CGA-154281-Treated Maize Shoots. *Z.Naturforsch.Sect.C* 46: 850-855.

EcoReference No.: 73904

Chemical of Concern: MTL,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,CONTROL(MTL),TARGET(ATZ).

Declaire, M., De Cat, W., and Bastin, R. (1976). Rapid Detection of Various Kinds of Herbicides in Water by the In Vivo Determination of Nitrate Reductase Activity in *Lemna minor* L. (Detection Rapide de Divers Herbicides dans l'eau par la Mesure In Vivo de l'Activite de la Nitrate Reductase de *Lemna minor* L.). *Z.Pflanzenphysiol.Bodenkd.* 77: 315-322 (FRE) (ENG ABS).

EcoReference No.: 61796

Chemical of Concern: ACR,PCH,PPN,DBN,PHMD,BMC,TRB,PAQT,TFN,ATZ,PMT,SZ,FMU; Habitat: A; Rejection Code: NO FOREIGN.

Delmonte, A. A., Bedmar, F., Mantecon, J. D., Echeverria, H., and Barassi, C. A. (1997). Residual Phytotoxicity and Chemical Persistence of Atrazine in Soils of the Southeast of Buenos Aires Province, Argentina. *J.Environ.Biol.* 18: 201-207.

EcoReference No.: 48625

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

DePrado R., E.Romera, and J.Menendez (1995). Atrazine Detoxification in *Panicum dichotomiflorum* and Target Site *Polygonum lapathifolium*. *Pestic.Biochem.Physiol.* 52: 1-11.

EcoReference No.: 78787

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,BCM,GRO,PHY; Rejection Code: TARGET(ATZ).

Dest, W. M., Peters, R. A., and Barrett, M. (1976). The Control of Crabgrass and Redroot Pigweed in Silage Corn. *Proc.Northeast.Weed Sci.Soc.* 30: 55-58.

EcoReference No.: 40803

- Chemical of Concern: ATZ,ACR,PDM,24DXY,EPTC,BTY,CZE; Habitat: T; Effect Codes: POP; Rejection Code: OK(CZE,PDM),OK TARGET(ATZ),NO MIXTURE(BTY,EPTC,24DXY,ACR).
- DeVos, S., De Bosscher, K., Staels, B., Bauer, E., Roels, F., Berghe, W. V., Haegeman, G., Hooghe, R., and Hooghe-Peters, E. L. (2003). Inhibition of Cytokine Production by the Herbicide Atrazine. Search for Nuclear Receptor Targets. *Biochem.Pharmacol.* 65: 303-308.
- EcoReference No.: 81464
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO
ENDPOINT(ATZ).
- Diawara, M. M. and Banks, P. A. (1990). Weed Control in Barley (*Hordeum vulgare*): No-Till Grain Sorghum (*Sorghum bicolor*) Production. *Weed Sci.* 38: 50-53.
- EcoReference No.: 73760
Chemical of Concern: MTL,PPZ,DMB,24DXY,MBZ,OYZ,PAQT,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(DMB,ATZ).
- Dickens, R., Sharpe, S. S., and Turner, D. L. (1989). Herbicide Effects on Tensile Strength and Rooting of Zoysiagrass Sod. *J.Prod.Agric.* 2: 369-373.
- EcoReference No.: 70519
Chemical of Concern: SZ,ATZ,SXD; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(SZ,SXD,ATZ).
- Dixon, D., Cole, D. J., and Edwards, R. (1997). Characterisation of Multiple Glutathione Transferases Containing the GST I Subunit with Activities Toward Herbicide Substrates in Maize (*Zea mays*). *Pestic.Sci.* 50: 72-82.
- EcoReference No.: 73901
Chemical of Concern: ATZ,ACR,MTL; Habitat: T; Effect Codes: BCM; Rejection Code: NO
ENDPOINT,CONTROL(MTL),TARGET(ATZ).
- Dixon, D. P., Edwards, R., and Cole, D. J. (1997). Regulation of Maize Glutathione Transferases During Development and Their Induction by Xenobiotics. In: *The 1997 Brighton Crop Prot.Conf.- Weeds* 759-764.
- EcoReference No.: 73420
Chemical of Concern: ATZ,24DXY,ACR; Habitat: T; Effect Codes: BCM; Rejection Code: NO
COC(MTL),TARGET(ATZ).
- 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.
- EcoReference No.: 73941
Chemical of Concern: RIM,MTL,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO
MIXTURE(MTL,ATZ).
- Dotray, P. A. and McKenney, C. B. (1996). Established and Seeded Buffalograss Tolerance to Herbicides Applied Preemergence. *Hortscience* 31: 393-395.
- EcoReference No.: 76103
Chemical of Concern:
QNC,PPZ,MBZ,LNR,DMB,CZE,ACR,SZ,PRM,PDM,OYZ,MTL,DU,DTP,PPN,ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK
TARGET(DMB,ATZ),NO COC(BZO).

Dunachie, J. F. and Fletcher, W. W. (1970). The Toxicity of Certain Herbicides to Hens' Eggs Assessed by the Egg-Injection Technique. *Ann.Appl.Biol.* 66: 515-520.

EcoReference No.: 81159

Chemical of Concern: ATZ,BMN,DMB,DPP,DQTBBr,LNR,MCPA,MCPB,MCPB,PAQT,PCP,SZ,24DXY;
Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

Dupont, S. and Khan, S. U. (1993). Bound and Extractable 14C Residues in Canola (Brassica napus) Plants Treated with Radiolabelled Atrazine. *Weed Res.* 33: 9-16.

EcoReference No.: 79715

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(ATZ).

Eadie, A. G., Swanton, C. J., Shaw, J. E., and Anderson, G. W. (1992). Banded Herbicide Applications and Cultivation in a Modified No-Till Corn (Zea mays) System. *Weed Technol.* 6: 535-542.

EcoReference No.: 70990

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Eastin, E. F. and Davis, D. E. (1971). Effects of Atrazine and Hydroxyatrazine on Nitrogen Metabolism of Selected Species. *Weeds* 15: 306-309.

EcoReference No.: 30096

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Eberbach, P. L. and Douglas, L. A. (1991). Effect of Herbicide Residues in a Sandy Loam on the Growth, Nodulation and Nitrogenase Activity (C₂H₂/C₂H₄) of Trifolium subterraneum. *Plant Soil* 131: 67-76.

EcoReference No.: 79710

Chemical of Concern: ATZ,AMTL,24DXY,DQT,DFPM,PAQT,TFN; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(ATZ).

Ebert, E. and Van Assche, C. J. (1969). Influence of Atrazine (2-Chloro-4-Ethylamino-6-Isopropylamino-s-Triazine) on Auxin Metabolism of Plants. *Experientia* 25: 758-759.

EcoReference No.: 69325

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).

Edwards, C. A. (1993). Effects of Herbicides on Soil and Surface-Inhabiting Invertebrates. *Brighton Crop Prot.Conf.- Weeds* 1: 133-138.

EcoReference No.: 71319

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Edwards, R. and Owen, W. J. (1986). Comparison of Glutathione S-Transferases of Zea mays Responsible for Herbicide Detoxification in Plants and Suspension-Cultured Cells. *Planta* 169: 208-215.

EcoReference No.: 74057

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

Edwards, R. and Owen, W. J. (1988). Regulation of Glutathione S-Transferases of Zea mays in Plants and Cell Cultures. *Planta (Berl.)* 175: 99-106.

- EcoReference No.: 81002
Chemical of Concern: ATZ,MTL; Habitat: T; Effect Codes: BCM; Rejection Code: OK
TARGET(ATZ),OK(ALL CHEMS).
- Egaas, E. (2000). Effects of Atrazine, Endosulfan and Butylated Hydroxyanisole on Glutathione-S-Transferases in *Orthosia gothica*. *Comp.Biochem.Physiol.C* 127: 117-122.
- EcoReference No.: 57017
Chemical of Concern: ATZ,ES; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Einhellig, F. A. (1996). Interactions Involving Allelopathy in Cropping Systems. *Agron.J.* 88: 886-893.
- EcoReference No.: 79958
Chemical of Concern: ACR,SLA,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code:
TARGET(ATZ).
- Eisenbrand, G., Ungerer, O., and Preussmann, R. (1975). Formation of N-Nitroso Compounds from Agricultural Chemicals and Nitrite. *I.A.R.C (Int.Agency Res.Cancer) Sci.Publ.* 9: 71-74.
- EcoReference No.: 72101
Chemical of Concern: SZ,CBL,ATZ,Ziram,PPX; Habitat: T; Effect Codes: PHY; Rejection Code: NO
IN VITRO(SZ,CBL,PPX,ATZ),OK(Ziram).
- El-Nawawy, A. S., Zein, A. A., Ashri, M. A., Tag El-Din, A., Kadous, E. A., El-Deeb, S., and Mineesy, F. (1977). The Phytotoxidal Effects of Certain Herbicides on Young Citrus Seedlings. *Meded.Fac.Landbouwk.Rijksuniv.Gent* 42: 949-55.
- EcoReference No.: 70862
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code:
TARGET(SZ,ATZ).
- El-Shal, S. A., El-Banna, E. S., and Fathi, M. A. (1993). Effect of Some Pre-emergence Herbicides on Weed Control and Growth of MM106 Apple Rootstock in Nursery. *Egypt.J.Hortic.* 20: 293-306.
- EcoReference No.: 70434
Chemical of Concern: SZ,ATZ; Habitat: T; Rejection Code: NO MIXTURE(SZ),TARGET(ATZ).
- Ellgehausen, H., Guth, J. A., and Esser, H. O. (1980). Factors Determining the Bioaccumulation Potential of Pesticides in the Individual Compartments of Aquatic Food Chains. *Ecotoxicol.EnvIRON.Saf.* 4: 134-157.
- EcoReference No.: 6458
Chemical of Concern: 24DXY,ATZ,MTL; Habitat: A; Effect Codes: ACC; Rejection Code: NO
CONTROL(ALL CHEMS).
- Emmerich, H. (1942). Der Einfluss Zusatzlicher Wirkstoffbehandlung Auf Wachstum und Entwicklung der Pflanzen. *Jar Wis Bot* 90: 99-140.
- EcoReference No.: 29457
Chemical of Concern: ATZ; Habitat: T; Rejection Code: NO FOREIGN.
- Engel, R. E., Funk, C. R., and Kinney, D. A. (1968). Effect of Varied Rates of Atrazine and Simazine on the Establishment of Several Zoysia Strains. *Agron.J.* 60: 261-262 .
- EcoReference No.: 72169
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,REP; Rejection Code:

TARGET(SZ,ATZ).

Eno, C. F. (1962). The Effect of Simazine and Atrazine on Certain of the Soil Microflora and Their Metabolic Processes. *Soil Crop Sci.Soc.Fla.Proc.* 22: 49-56.

EcoReference No.: 68156

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK
TARGET(SZ,ATZ).

Entry, J. A. (1999). Influence of Nitrogen on Atrazine and 2, 4 Dichlorophenoxyacetic Acid Mineralization in Blackwater and Redwater Forested Wetland Soils. *Biol.Fertil.Soils* 29: 348-353.

EcoReference No.: 67410

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Entry, J. A., Donelly, P. K., and Emmingham, W. H. (1994). Microbial Mineralization of Atrazine and 2,4-Dichlorophenoxyacetic Acid in Riparian Pasture and Forest Soils. *Biol.Fertil.Soils* 18: 89-94.

EcoReference No.: 67407

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: PHY,POP; Rejection Code:
TARGET(ATZ).

EPA/OTS (1987). Assessments of the Feasibility and Evidence of Test Methods of Levels I and II of the Chemicals Act on Thiourea. *Doc.#FYI-OTS-0787-0551* 213 p. (NTIS/OTS0000551-0).

EcoReference No.: 78669

Chemical of Concern: BNZ,3CE,PCP,ATZ,HCCH,4NP; Habitat: AT; Effect Codes:
GRO,POP,MOR,BEH; Rejection Code: NO CONTROL(ALL CHEMS).

EPA/OTS (1987). Unpublished Information on 4-Chloro-2-Methylaniline and Thiourea with Attachments and Cover Letter Dated 060187. *EPA/OTS Doc.#FYI-OTS-0687-0551*.

Chemical of Concern: ATZ,PCP; Habitat: T; Rejection Code: TARGET(ATZ).

Ernst, W. and et al. (1987). Entwicklung eines Bioakkumulationstests mit der Muschel *Mytilus edulis*. *Umweltforschungsplan des Bundesministers des Innern.Umweltchemikalien.Forschungsbericht 106-020-24/05 (OECDG Data File)*.

EcoReference No.: 56332

Chemical of Concern: ATZ,DBN,HCCH,PCP; Habitat: A; Effect Codes: ACC; Rejection Code: NO
FOREIGN.

Erturk, H. and Walker, P. N. (2003). Effect of Atrazine on Algal Contamination and Sugarcane Shoots During Photoautotrophic Micropropagation. *Trans.ASAE (Am.Soc.Agric.Eng)* 45: 189-191.

EcoReference No.: 79739

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,MOR,BCM; Rejection Code:
TARGET(ATZ).

Ezra, G., Dekker, J. H., and Stephenson, G. R. (1985). Tridiphane as a Synergist for Herbicides in Corn (*Zea mays*) and Proso Millet (*Panicum miliaceum*). *Weed Sci.* 33: 287-290.

EcoReference No.: 44216

Chemical of Concern: ATZ,ACR; Habitat: T; Effect Codes: GRO; Rejection Code: NO
ENDPOINT(TARGET-ATZ).

Fairchild, J. F., Ruessler, S. D., Nelson, M. K., and Carlson, A. R. (1994). An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes. *Presented at the 1994 Meet. of the Soc. of Environ. Toxicol. Chem.*, Oct.30-Nov.3, 1994, Denver, CO 8 p.

EcoReference No.: 61707

Chemical of Concern: ATZ,ACR,MTL,MBZ,DMM; Habitat: A; Effect Codes: POP,GRO,SYS; Rejection Code: NO CONTROL(ALL CHEMS).

Farenhorst, A., Tomlin, A. D., and Bowman, B. T. (2003). Impact of Herbicide Application Rates and Crop Residue Type on Earthworm Weights. *Bull. Environ. Contam. Toxicol.* 70: 477-484.

EcoReference No.: 73543

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

Faust, M., Altenburger, R., Boedeker, W., and Grimme, L. H. (1993). Additive Effects of Herbicide Combinations on Aquatic Non-target Organisms. *Sci. Total Environ. (Suppl.)* 941-951.

EcoReference No.: 4332

Chemical of Concern: 24DXY,ATZ,BT,GYP,SZ,TRL; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS).

Fay, P. K., Hunt, J. F., Duke, W. B., and Lucey, R. F. (1974). Quackgrass Control the Season After Glyphosate Application in Three Agronomic Crops. *Proc. Northeast. Weed Sci. Soc.* 28: 87-92.

EcoReference No.: 25326

Chemical of Concern: GYP,ATZ,ACR,LNR,MBZ,DMM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Fedtko, C. (1991). Mode of Action Studies with Mefenacet. *Pestic. Sci.* 33: 421-426 .

EcoReference No.: 73931

Chemical of Concern: MTL,GYP,SXD,HFP,PCP,ATZ,ACR,BTC,DU,CPP,BSF,PAQT; Habitat: A; Effect Codes: GRO; Rejection Code: NO CONTROL(ALL CHEMS) .

Feese, H. and Wilde, G. (1975). Planting Time Applications of Systemic Insecticides on Grain Sorghum for Greenbug Control. Interactions with Herbicides and Effect on Predators (Hemiptera (Homoptera): Aphididae). *J. Kans. Entomol. Soc.* 48: 396-402 .

EcoReference No.: 78658

Chemical of Concern: ATZ,PPZ,PRT,DS,CBF,PCH; Habitat: T; Effect Codes: MOR; Rejection Code: OK(PCH,CBF,DS),NO MIXTURE(PPZ,ATZ),OK TARGET(PRT).

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

EcoReference No.: 13100

Chemical of Concern: 24DXY,ACR,ATZ,DBN,DU,GYP,NFZ,OXF,OYZ,TFN,SXD,ASM,AMTL,PAQT,NFZ,EPTC,FZFB,ACF,CSF; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Ferrari, G., Nardi, S., Cacco, G., and Dell'Agnola, G. (1981). Sulfate Transport of Excised Roots as an Index of Genotype Response to Herbicides. *Physiol. Plant.* 52: 29-32.

EcoReference No.: 74961

Chemical of Concern: MLT,PPN,ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: NO

ENDPOINT,DURATION(MTL),TARGET(ATZ).

Fink, R. J. and Fletchall, O. H. (1967). The Influence of Atrazine or Simazine on Forage Yield and Nitrogen Components of Corn. *Weeds* 15: 272-274.

EcoReference No.: 43378

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: OK
TARGET(ATZ,SZ).

Finke, R. L., Warner, R. L., and Muzik, T. J. (1977). Effect of Herbicides on In Vivo Nitrate and Nitrite Reduction. *Weed Sci.* 25: 18-22.

EcoReference No.: 42823

Chemical of Concern:

24DXY,ATZ,BMC,DU,SZ,BMN,DMB,TRB,TFN,CNR,CZE,MTZ,AMTL,CPP,IPN,MCPA,HgCl₂,PCL,PPZ; Habitat: T; Effect Codes: BCM; Rejection Code: OK
TARGET(ATZ,SZ,DMB),OK(24DXY,BMC,DU,BMN,TRB,TFN,LNR,CZE,MTZ,AMTL,CPP,IPN,MCPA,HgCl₂,PCL),NO ENDPOINT(AMTR,PPZ).

Fischer, E. (1989). Effects of Atrazine and Paraquat-Containing Herbicides on Eisenia foetida (Annelida, Oligochaeta). *Zool.Anz.* 223: 291-300.

EcoReference No.: 61719

Chemical of Concern: ATZ,PAQT; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: NO
ENDPOINT(ATZ),OK(ALL CHEMS).

Fitzgerald, C. H., Richards, R. F., Selden, C. W., and May, J. T. (1975). Three Year Effects of Herbaceous Weed Control in a Sycamore Plantation. *Weed Sci.* 23: 32-35.

EcoReference No.: 41357

Chemical of Concern: SZ,ATZ,AMTR; Habitat: T; Effect Codes: POP,PHY,MOR,GRO; Rejection Code: OK
TARGET(ATZ,SZ),OK(ALL CHEMS).

Fitzgerald, C. H. and Selden III, C. W. (1973). Effects of Herbaceous Weed Control in a Yellow Poplar Plantation - I. *Proc.South.Weed Sci.Soc.* 26: 288-293.

EcoReference No.: 41361

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK
TARGET(SZ,ATZ).

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; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE
EVAL CODED(MTL),TARGET(ATZ).

Fletcher, R., Reynoldson, T. B., and Taylor, W. D. (2001). The Use of Benthic Mesocosms for the Assessment of Sediment Contamination. *Environ.Pollut.* 115: 173-182.

EcoReference No.: 62287

Chemical of Concern: Cd,ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Flocco, C. G., Lindblom, S. D., and Smits, E. A. (2004). Overexpression of Enzymes Involved in Glutathione Synthesis Enhances Tolerance to Organic Pollutants in Brassica juncea. *Int.J.Phytoremed.* 6: 289-304.

- EcoReference No.: 80772
Chemical of Concern: ATZ,MTL; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(ATZ).
- Foes, M. J., Liu, L., Tranel, P. J., Wax, L. M., and Stoller, E. W. (1998). A Biotype of Common Waterhemp (*Amaranthus rudis*) Resistant to Triazine and ALS Herbicides. *Weed Sci.* 46: 514-520.
- EcoReference No.: 66147
Chemical of Concern: ATZ,FTS,THF,IZT; Habitat: T; Effect Codes: BCM; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Forcella, F. (1987). Herbicide Resistant Crops: Yield Penalties and Thresholds for Oilseed Rape (*Brassica napus* L.). *Weed Res.* 27: 31-34.
- EcoReference No.: 72301
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Foster, T. S. and Khan, S. U. (1976). Metabolism of Atrazine by the Chicken. *J.Agric.Food Chem.* 24: 566-570.
- EcoReference No.: 36661
Chemical of Concern: ATZ,DIATZ,DEATZ; Habitat: T; Effect Codes: ACC,GRO,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Foster, T. S., Morley, H. V., Purkayastha, R., Greenhalgh, R., and Hunt, J. R. (1972). Residues in Eggs and Tissues of Hens Fed a Ration Containing Low Levels of Pesticides with and Without Charcoal. *J.Econ.Entomol.* 65: 982-988.
- EcoReference No.: 81780
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Foy, C. L. and Penner, D. (1965). Effect of Inhibitors and Herbicides on Tricarboxylic Acid Cycle Substrate Oxidation by Isolated Cucumber Mitochondria. *Weeds* 13: 226-231.
- EcoReference No.: 42287
Chemical of Concern: ATZ,DU,DBN,DMB; Habitat: T; Effect Codes: PHY; Rejection Code: NO IN VITRO.
- Francis, B. M., Lampman, R. L., and Metcalf, R. L. (1985). Model Ecosystem Studies of the Environmental Fate of Five Herbicides Used in Conservation Tillage. *Arch.Environ.Contam.Toxicol.* 14: 693-704.
- EcoReference No.: 49310
Chemical of Concern: ACR,ATZ,LNR,OYZ,PAQT; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Frank, R., Sirons, G. J., and Anderson, G. W. (1983). Atrazine: The Impact of Persistent Residues in Soil on Susceptible Crop Species. *Can.J.Soil Sci.* 63: 315-325 .
- EcoReference No.: 41150
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,ACC; Rejection Code: OK TARGET(ATZ).
- Frans, R., McClelland, M., Jordan, D., and Carey, F. (1991). Herbicide Trials on Field Crops 1990. *Ark.Agric.Exp.Stn.Res.Ser.* 1-88.
- EcoReference No.: 73743

Chemical of Concern:

ACF,CLT,CMZ,CZE,FZF,FMU,FSF,HFP,IMQ,IZT,LCF,MTZ,MBZ,DMM,MSMA,BMN,BT,DMB,24DXY,ATZ,ACR,PDM,DU,OXF,LNR,PMT,MTL,PAQT,NSF,NFZ,PYD,SXD,THFM,TFN,24DB; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(MTL),TARGET(SXD,DMB,ATZ).

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

EcoReference No.: 73962

Chemical of Concern:

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; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO MIXTURE(MTL),OK(24DXY),TARGET(ATZ).

Frans, R. E., Richardson, J. T., and Gordon, E. C. (1977). Herbicide Field Evaluation Trials on Field Crops, 1976. *Mimeogr.Ser.Ark.Agric.Exp.Stn.* 249: 33 p.

EcoReference No.: 78899

Chemical of Concern: PPZ,BT,DU,ACR,LNR,ATZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Freeman, J. A. (1967). The Effects of Applying Paraquat, Atrazine, and Simazine for Weed Control in Raspberries in Coastal British Columbia. *Can.J.Plant Sci.* 47: 25-31.

EcoReference No.: 28198

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Friesel, P., Hansen, P. D., Kuhn, R., and Trenel, J. (1984). Überprüfung der Durchführbarkeit von Prüfungsvorschriften und der Aussagekraft der Stufe 1 und 2 des Chemikaliengesetzes - Teil IV. *Forschungsvorhaben 106 04 011/08, Umweltbundesamt Berlin (OECDG Data File)*.

EcoReference No.: 56339

Chemical of Concern: ATZ,HCCH; Habitat: T; Effect Codes: GRO; Rejection Code: NO FOREIGN.

Froment, M. A. and Doney, J. (1999). Effect of Atrazine Herbicide Applied to Forage Maize on the Survival of Undersown Italian Ryegrass (*Lolium multiflorum*) Cover Crops. *Ann.Appl.Biol.* 134: 28-29.

EcoReference No.: 66214

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).

Froment, M. A. and Peel, S. (1998). Tolerance of Italian Ryegrass Varieties (*Lolium multiflorum*) to Atrazine Herbicide. *Ann.Appl.Biol.* 132: 30-31.

EcoReference No.: 66215

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).

Fuerst, E. P., Arntzen, C. J., Pfister, K., and Penner, D. (1986). Herbicide Cross-Resistance in Triazine-Resistant Biotypes of Four Species. *Weed Sci.* 34: 344-353.

EcoReference No.: 72067

Chemical of Concern: ATZ,BMC,MBZ,LNR,PMB,BMN,BT,PMT,DU,TET,DMM; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(ATZ).

Fuerst, E. P., Sterling, T. M., Norman, M. A., Prather, T. S., Irzyk, G. P., Wu, Y., Lownds, N. K., and Callihan, R. H. (1996). Physiological Characterization of Picloram Resistance in Yellow Starthistle. *Pestic.Biochem.Physiol.* 56: 149-161.

- EcoReference No.: 78786
Chemical of Concern: PCL,ATZ; Habitat: T; Effect Codes: ACC,BCM,GRO; Rejection Code: TARGET(ATZ).
- Fukushima, T., Kato, M., Adachi, T., Hamada, Y., Horimoto, M., Komiyama, M., Mori, C., and Horii, I. (2005). Effects of Sulfasalazine on Sperm Acrosome Reaction and Gene Expression in the Male Reproductive Organs of Rats. *Toxicol.Sci.* 85: 675-682 .
- EcoReference No.: 80511; Habitat: T; Effect Codes: REP; Rejection Code: NO COC(ATZ).
- Funderburk, H. H. Jr. and Davis, D. E. (1963). The Metabolism of C14 Chain-and Ring-Labeled Simazine by Corn and the Effect of Atrazine on Plant Respiratory Systems. *Weeds* 11: 101-104.
- EcoReference No.: 44065
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ,SZ).
- Gaines, T. B. and Linder, R. E. (1986). Acute Toxicity of Pesticides in Adult and Weanling Rats. *Fundam.Appl.Toxicol.* 7: 299-308.
- EcoReference No.: 71303
Chemical of Concern: PNB,EDT,RSM,SZ,DDT,ATZ,DMB,PYZ,TCMTB; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
- Ganassi, S., Mola, L., Bonvicini Pagliai, A. M., and Fratello, B. (1996). Effects of Atrazine on Corn Aphids. *Ital.J.Zool.* 63: 47-51.
- EcoReference No.: 79708
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Garcia-Baudin, J. M., Lansac, A. R., Ayerbe, L., Tenorio, J. L., and Cadahia, E. (1985). Use of Substituted Urea Herbicides for Weed Control in Euphorbia lathyris L., a Potential Fuel-Producing Crop. *Weed Res.* 25: 319-322.
- EcoReference No.: 70747
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Garcinuno, R. M., Fernandez-Hernando, P., and Camara, C. (2003). Evaluation of Pesticide Uptake by Lupinus Seeds. *Water Res.* 37: 3481-3489.
- EcoReference No.: 69589
Chemical of Concern: ATZ,SZ,CBL,FMP,PMR,LNR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,CONTROL(MTL),TARGET(ATZ).
- Gardner, G., Sanborn, J. R., and Goss, J. R. (1987). N-Alkylaryltriazine Herbicides: A Possible Link Between Triazines and Phenylureas. *Weed Sci.* 35: 763-769.
- EcoReference No.: 78600
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS,TARGET-ATZ),COC(PPZ).
- Gaskins, M. H. and Winters, H. F. (1962). Herbicide Trials with Young Tropical and Subtropical Fruit and Nut Trees. *Fla.State Hortic.Soc.* 75: 418-420.

- EcoReference No.: 43803
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Gaynor, J. D. and Hamill, A. S. (1993). Timing of Atrazine Application for Control of Quackgrass (*Agropyron repens*). *Phytoprotection* 74: 89-99.
- EcoReference No.: 79724
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).
- Gentner, W. A. (1964). Herbicidal Activity of Several S-Triazines as Postemergence Sprays. *Weeds* 12: 115-117.
- EcoReference No.: 42147
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Gevao, B., Mordaunt, C., Semple, K. T., Pearce, T. G., and Jones, K. C. (2001). Bioavailability of Nonextractable (Bound) Pesticide Residues to Earthworms. *Environ.Sci.Technol.* 35: 501-507.
- EcoReference No.: 58681
Chemical of Concern: ATZ,DMB; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Geyer, H., Politzki, G., and Freitag, D. (1984). Prediction of Ecotoxicological Behaviour of Chemicals: Relationship Between N-Octanol/Water Partition Coefficient and Bioaccumulation of Organic Chemicals by Alga *Chlorella*. *Chemosphere* 13: 269-284 .
- EcoReference No.: 11297
Chemical of Concern: PCP,24DXY,BZO,CYP,PNB,ATZ,CBL,DBN,HCCH; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).
- Ghabbour, S. I. and Imam, M. (1967). The Effect of Five Herbicides on Three Oligochaete Species. *Rev.Ecol.Biol.Sol* 4: 119-122.
- EcoReference No.: 57068
Chemical of Concern: SZ,ATZ,24DXY; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).
- Giardina, M. C., De Agazio, M., Giardi, M. T., and Buffone, R. (1983). Potassium Uptake in Atrazine-Treated Roots of Sensitive and Resistant Plants. *Pestic.Biochem.Physiol.* 19: 11-14.
- Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Gill, H. S., Brar, L. S., and Walla, U. S. (1987). Comparative Bioefficacy of New Brand Formulations of Atrazine and Simazine for Weed Control in Maize. *J.Res.Punjab Agric.Univ.* 24: 209-214.
- EcoReference No.: 70498
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).
- Gill, H. S., Sandhu, K. S., Mehra, S. P., and Singh, T. (1988). Residual Effect of Simazine and Atrazine Applied to Maize on Succeeding Field and Vegetable Crops. *J.Res.Punjab Agric.Univ.* 25: 175-180.
- EcoReference No.: 70812
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,ATZ).

Gill, H. S., Thind, I. S., and Walia, U. S. (1985). Chemical Weed Control in Pearl Millet for Fodder. *Pesticides* 19: 47-48.

EcoReference No.: 70907

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Gill, H. S., Walia, U. S., and Thind, I. S. (1987). Chemical Weed Control in Sorghum ('Jowar') Fodder. *J.Res.Punjab Agric.Univ.* 24: 15-18.

EcoReference No.: 70809

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Glenn, S., Phillips II, W. H., and Kalnay, P. (1997). Long-Term Control of Perennial Broadleaf Weeds and Triazine-Resistant Common Lambsquarters (*Chenopodium album*) in No-Till Corn (*Zea mays*). *Weed Technol.* 11: 436-443.

EcoReference No.: 73807

Chemical of Concern: PMS,PQT,ATZ,NSF,24DXY,DMB; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(MTL),MIXTURE(24DXY),TARGET(DMB,ATZ).

Gluth, G., Freitag, D., Hanke, W., and Korte, F. (1985). Accumulation of Pollutants in Fish. *Comp.Biochem.Physiol.C* 81: 273-277.

EcoReference No.: 11206

Chemical of Concern: ATZ,PCP; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

Gode, P., Gerike, P., Keck, E., and Steber, J. (1984). Überprüfung der Durchführbarkeit von Prüfvorschriften und der Aussagekraft der Stufen 1 und 2 des Chem. -Gesetzes -Teil IV. *Forschungsbericht Nr.106 04 011/06, Umweltbundesamt Berlin (OECDG Data File).*

EcoReference No.: 56342

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO FOREIGN.

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

EcoReference No.: 73958

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

Gojmerac, T. and Kniewald, J. (1989). Atrazine Biodegradation in Rats - a Model for Mammalian Metabolism. *Bull.Enviroin.Contam.Toxicol.* 43: 199-206.

EcoReference No.: 35184

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

Golik, Z. (1968). The Application of Simazine and Atrazine for the Control of Weeds in Fruit-Tree Nurseries (Zastosowanie Simazinu i Atrazinu do Zwalczenia Chwastow w Szkolkach Drzew Owocowych). *Pr.Inst.Sadow.Skierniewicach* 12: 279-294 (POL) (ENG ABS).

EcoReference No.: 30199

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP,PHY,REP; Rejection Code: TARGET(SZ,ATZ).

Gonzalez Castanon, M. L. (1990). Early Flowering in Seedlings of Asparagus Promoted by Diuron and Atrazine.

- NATO ASI Ser.Ser.A Life Sci. 186: 445-448.
- EcoReference No.: 44255
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Gopal, V. R. and Medakkar, S. (1989). Effect of Atrazine on Nutrient Uptake by Sorghum. *Pesticides (Bombay)* 23: 31-34.
- EcoReference No.: 80771
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP,ACC; Rejection Code: TARGET(ATZ).
- Gotvajn, A. Z., Zagorc-Koncan, J., and Tisler, T. (2001). Estimation of Environmental Impact of Some of the Most Often Occurring Pesticides in Slovenian Surface and Underground Water. *Water Sci.Technol.* 44: 87-90.
- EcoReference No.: 81737
Chemical of Concern: ATZ,PCP,ACR; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO CONTROL(ALL CHEMS).
- Gramlich, J. V. and Davis, D. E. (1967). Effect of Atrazine on Nitrogen Metabolism of Resistant Species. *Weeds* 15: 157-160.
- EcoReference No.: 64463
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(ATZ).
- Gramlich, J. V. and Frans, R. E. (1964). Kinetics of Chlorella Inhibition by Herbicides. *Weeds* 12: 184-189.
- EcoReference No.: 18756
Chemical of Concern: ATZ,24DXY,NAA; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Gray, J. A., Balke, N. E., and Stoltenberg, D. E. (1996). Increased Glutathione Conjugation of Atrazine Confers Resistance in a Wisconsin Velvetleaf (*Abutilon theophrasti*) Biotype. *Pestic.Biochem.Physiol.* 55: 157-171.
- EcoReference No.: 78757
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: TARGET(ATZ).
- Grenier, G. and Beaumont, G. (1983). Physiological Effects of Sublethal Doses of Atrazine on *Lemna minor*. VII. 1,2-[14C] Acetate Incorporation into the Groups of Lipids and Their Fatty Acids (Effets Physiologiques de l'Atrazine a Doses Subletales sur *Lemna minor*. VII. Incorporation d'Acetate-1,2-[14C] dans les Groupes de Lipides et Leurs Acides Gras). *Physiol.Plant.* 57: 477-484 (FRE) (ENG ABS).
- EcoReference No.: 11590
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO FOREIGN(ATZ).
- Grenier, G., Marier, J. P., and Beaumont, G. (1982). Physiological Effects of Atrazine at Sublethal Doses on *Lemna minor* L. VI. Influence on the Main Classes of Phospholipids (Effets Physiologiques de l'Atrazine a Doses Subletales sur *Lemna minor*. VI. Influence sur les Classes Importantes de Phospholipids). *Physiol.Veg.* 20: 179-185 (FRE) (ENG ABS).
- EcoReference No.: 11591
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO FOREIGN(ATZ).
- Grenier, G., Marier, J. P., and Beaumont, G. (1979). Physiological-Effects of Sublethal Concentrations of Atrazine on *Lemna-minor* L. 4. Effect on Lipid-Composition. *Can.J.Bot.* 57: 1015-1020 (FRE) (ENG ABS).

- EcoReference No.: 6859
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO FOREIGN.
- Grenier, G., Proteau, L., and Beaumont, G. (1989). Lipid Synthesis by Isolated Duckweed (*Lemna minor*) Chloroplasts in the Presence of a Sublethal Concentration of Atrazine. *Can.J.Bot.* 67: 2261-2265.
- EcoReference No.: 62375
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Gressel, J., Shimabukuro, R. H., and Duysen, M. E. (1983). N-Dealkylation of Atrazine and Simazine in *Senecio vulgaris* Biotypes: A Major Degradation Pathway. *Pestic.Biochem.Physiol.* 19: 361-370.
- EcoReference No.: 80926
Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Grichar, W. J., Evers, G. W., Pohler, C. L., and Schubert, A. M. (1987). Use of Preemergence Herbicides for Establishment of Clovers. *Tex.Agric.Exp.Stn.Prog.Rep.* 4537: 73-75.
- EcoReference No.: 73911
Chemical of Concern: MTL,ACR,ATZ,OYZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),TARGET(ATZ).
- Grobler-Van Heerden, E., Van Vuran, J. H. J., and Du Preez, H. H. (1991). Bioconcentration of Atrazine, Zinc and Iron in the Blood of *Tilapia sparrmanii* (Cichlidae). *Comp.Biochem.Physiol.C* 100: 629-633.
- EcoReference No.: 3935
Chemical of Concern: ATZ,ZnCl₂,FeCl₃; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ATZ).
- Gronwald, J. W., Andersen, R. N., and Yee, C. (1989). Atrazine Resistance in Velvetleaf (*Abutilon theophrasti*) due to Enhanced Atrazine Detoxification. *Pestic.Biochem.Physiol.* 34: 149-163.
- EcoReference No.: 71764
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM,PHY; Rejection Code: TARGET(ATZ).
- Gunkel, G. (1981). Bioaccumulation of a Herbicide (Atrazine, S-Triazine) in the Whitefish (*Coregonus fera* J.): Uptake and Distribution of the Residue in Fish. *Arch.Hydrobiol. Suppl.* 59: 252-287.
- EcoReference No.: 58481
Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Gunkel, G. and Kausch, H. (1976). Acute Toxicity of Atrazine (S-Triazine) on *Coregonus fera* Under Starvation Conditions. *Arch.Hydrobiol.Suppl.* 48: 207-234 (GER) (ENG ABS).
- EcoReference No.: 7792
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO FOREIGN(ATZ).
- Gunkel, G. and Streit, B. (1980). Mechanisms of Bioaccumulation of a Herbicide (Atrazine, S-Triazine) in a Freshwater Mollusc (*Ancylus fluviatilis* Mull.) and a Fish (*Coregonus fera* Jurine). *Water Res.* 14: 1573-1584.

- EcoReference No.: 6494
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ATZ).
- Gupta, O. P. and Dhupia, B. K. (1971). Efficacy of Atrazine in Maize Planted on Different Dates as Affected by Its Residual Phytotoxicity Under Varying Levels and Methods of Its Application. *Indian J.Agric.Sci.* 41: 221-227.
- EcoReference No.: 25869
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Gzhetotskii, M. I., Shkliaruk, L. V., and Dychok, L. A. (1977). Toxicological Characteristics of the Herbicide Zeazin. *Vrach.Delo* 5:133-136 (RUS) / *Pestab*:2826 (1977).
- EcoReference No.: 6265
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ATZ).
- Hammerton, J. L. (1974). Weed Control Work in Progress at the University of the West Indies. Part 4. *PANS (Pest Artic.News Summ.)* 20: 429-436.
- EcoReference No.: 40607
Chemical of Concern: ATZ,ACR,BT,PDM; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(ATZ).
- Hare, M. D., Rolston, M. P., Foote, A. G., Archie, W. J., and Hagerty, G. (1993). Herbicide Tolerance of Grasslands Puna Chicory. *Proc.N.Z.Plant Prot.Conf.* 46: 282-287.
- EcoReference No.: 77601
Chemical of Concern: MCPB,MCPA,MBZ,ATZ,BT,BMN,PCL,DMB,PAQT,GYP,24DB,24DXY,CPR,CRM; Habitat: T; Effect Codes: PHY,REP,GRO; Rejection Code: OK TARGET(MCPB,ATZ),NO MIXTURE(PCL,BMN).
- Harika, A. S. and Bains, D. S. (1985). Studies on Weed Control in Maize Fodder. *Agric.Sci.Dig.* 5: 13-16.
- EcoReference No.: 70187
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Harika, A. S., Tomer, P. S., and Ganguly, T. K. (1986). Effect of Dose and Time of Atrazine Application on Weed Infestation and Yield of Fodder Sorghum. *J Agric Sci* 107(Pt. 2): 449-451.
- EcoReference No.: 31156
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Harvey, R. G. (1974). Susceptibility of Seven Annual Grasses to Herbicides. *Weed Res.* 14: 51-55.
- EcoReference No.: 41764
Chemical of Concern: ATZ,ACR,BTY,CZE; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Harvey, R. G., Rohweder, D. A., and Fawcett, R. S. (1976). Susceptibility of Alfalfa Cultivars to Triazine Herbicides. *Agron.J.* 68: 632-634.
- EcoReference No.: 41560
Chemical of Concern: SZ,ATZ,CZE; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,SZ).

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; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).

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

EcoReference No.: 73233

Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).

Hawton, D., Johnson, I. D. G., Loch, D. S., Harvey, G. L., Marley, J. M. T., 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,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).

Hawton, D. C. (1976). Atrazine for Weed Control in the Establishment of *Brachiaria decumbens* and *Panicum maximum*. *J.Aust.Inst.Agric.Sci.* 42: 189-191.

EcoReference No.: 26162

Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Hayes, T., Haston, K., Tsui, M., Hoang, A., Haeffele, C., and Vonk, A. (2003). Atrazine-Induced Hermaphroditism at 0.1 ppb in American Leopard Frogs (*Rana pipiens*): Laboratory and Field Evidence. *Environ.Health Perspect.* 111: 568-575.

EcoReference No.: 72735

Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,CEL,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Hayes, T., Haston, K., Tsui, M., Hoang, A., Haeffele, C., and Vonk, A. (2002). Feminization of Male Frogs in the Wild. Water-Borne Herbicide Threatens Amphibian Populations in Parts of the United States. *Nature* 419: 895-896.

EcoReference No.: 68748

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Heisig-Gunkel, G. and Gunkel, G. (1982). Distribution of a Herbicide (Atrazine, s-Triazine) in *Daphnia pulex*: A New Approach to Determination. *Arch.Hydrobiol.Suppl.* 59: 359-376.

EcoReference No.: 71789

Chemical of Concern: ATZ; Habitat: A; Effect Codes: BCM,ACC; Rejection Code: NO CONTROL(ALL CHEMS).

Hendriks, A. J. and Stouten, M. D. A. (1993). Monitoring the Response of Microcontaminants by Dynamic *Daphnia magna* and *Leuciscus idus* Assays in the Rhine Delta: Biological Early Warning as a Useful Supplement. *Ecotoxicol.Environ.Saf.* 26: 265-279.

- EcoReference No.: 13267
Chemical of Concern: DS,PCP,CPH,DZ,ES,Cd,PAQT,MP,PTP,MTL,ATZ,3CE,4CE,FA,ISO,EN,DS,SZ;
Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO CONTROL(ALL CHEMS).
- Herman, D. J. and Ilnicki, R. D. (1973). Weed Control in Corn by Alachlor and Prynachlor in Combination with Some S-Triazine Herbicides. *Proc.Northeast.Weed Sci.Soc.* 27: 41-46.
- EcoReference No.: 40609
Chemical of Concern: ATZ,SZ,ACR,CZE; Habitat: T; Effect Codes: GRO; Rejection Code: OK
TARGET(ATZ,SZ),OK(ALL CHEMS).
- Herman, D. J., Lay, M. M., and Ilnicki, R. D. (1974). The Response of Several Sweet Corn Varieties to Various Herbicides and Herbicide Combinations. *Proc.Northeast.Weed Sci.Soc.* 28: 175-181.
- EcoReference No.: 40652
Chemical of Concern: SZ,ATZ,DMM,ACR,MBZ,CZE; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(SZ,ATZ).
- Hickey, W. J., Fuster, D. J., and Lamar, R. T. (1994). Transformation of Atrazine in Soil by Phanerochaete chrysosporium. *Soil Biol.Biochem.* 26: 1665-1671.
- EcoReference No.: 78652
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP,ACC; Rejection Code: NO
ENDPOINT(ATZ).
- Higgins, E. R., Schnappinger, M. G., and Pruss, S. W. (1975). Procyazine for Annual Grass and Broadleaf Control in Corn. *Agricultural Division, CIBA-GEIGY Corporation, Washington, PA* 29: 63-67.
- EcoReference No.: 41212
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Hill, E. R., Putala, E. C., and Vengris, J. (1968). Atrazine-Induced Ultrastructural Changes of Barnyardgrass Chloroplasts. *Weed Sci.* 16: 377-380.
- EcoReference No.: 43886
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).
- Hilton, H. W., Nomura, N. S., Kameda, S. S., and Yauger, W. L. (1976). Some Patterns of Herbicide and Growth Regulator Intake, Persistence, and Distribution in Sugarcane. *Arch.Environ.Contam.Toxicol.* 4: 385-394.
- EcoReference No.: 78661
Chemical of Concern: ATZ,PCP,EDT,AMTR,MBZ,PCL,ASM,GYP,CQTC; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(CQTC,ATZ).
- Hilton, J. L., Scharen, A. L., St.John, J. B., Moreland, D. E., and Norris, K. H. (1969). Modes of Action of Pyridazinone Herbicides. *Weed Sci.* 17: 541-547.
- EcoReference No.: 40797
Chemical of Concern: PYZ,ATZ; Habitat: T; Effect Codes: PHY,GRO,BCM; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Hinman, M. L. and Klaine, S. J. (1992). Uptake and Translocation of Selected Organic Pesticides by the Rooted Aquatic Plant Hydrilla verticillata Royle. *Environ.Sci.Technol.* 26: 609-613.
- EcoReference No.: 78645

- Chemical of Concern: ATZ,HCCH,CHD; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).
- Hiraki, M., Van Rensen, J. J. S., Vredenberg, W. J., and Wakabayashi, K. (2003). Characterization of the Alterations of the Chlorophyll a Fluorescence Induction Curve After Addition of Photosystem II Inhibiting Herbicides. *Photosynth.Res.* 78: 35-46.
- EcoReference No.: 82031
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: BCM; Rejection Code: OK(DU),OK TARGET(ATZ).
- Hiranpradit, H., Foy, C. L., and Shear, G. M. (1972). Effects of Low Levels of Atrazine on Some Mineral Constituents and Forms of Nitrogen in Zea mays L. *Agron.J.* 64: 267-271.
- EcoReference No.: 63736
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(ATZ).
- Hoagland, K. D. and Drenner, R. W. (1991). Freshwater Community Responses to Mixtures of Agricultural Pesticides: Synergistic Effects of Atrazine and Bifenthrin. *Texas Water Resour.Inst., Texas A&M Univ., College Station, TX* 29 p.
- EcoReference No.: 81467
Chemical of Concern: BFT,ATZ; Habitat: A; Effect Codes: POP,MOR,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Hoagland, R. E. and Duke, S. O. (1983). Relationships Between Phenylalanine Ammonia-Lyase Activity and Physiological Responses of Soybean (Glycine max) Seedlings to Herbicides. *Weed Sci.* 31: 845-852.
- EcoReference No.: 41002
Chemical of Concern: 24DXY,ATZ,DMM,MBZ,NFZ,PAQT,AMTR; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Holford, I. C. R., Haigh, B. M., and Ferris, I. G. (1989). Atrazine Persistence and Phytotoxicity on Wheat as Affected by Nitrogen and Rotation-Induced Changes in Soil Properties. *Aust.J.Agric.Res.* 40: 1143-1153.
- EcoReference No.: 80521
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP,ACC,BCM,MOR; Rejection Code: TARGET(ATZ).
- Holubowicz, T., Chabada, I., and Wojciechowska, B. (1968). The Results of Weeds Control Experiments with Using Simazin and Atrazin in the Bush-Fruits Plantations at the Poznan Conditions. *Pr.Inst.Sadow.Skierniewicach* 12: 249-260 (POL) (ENG ABS).
- EcoReference No.: 30472
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,ATZ).
- Hopkins, R. and Kain, J. M. (1971). The Effect of Marine Pollutants on Laminarea hyperboria. *Mar.Pollut.Bull.* 2: 75-77.
- EcoReference No.: 9356
Chemical of Concern: 24DXY,ATZ,CuS,Zn; Habitat: A; Effect Codes: POP,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Horowitz, M. (1980). Herbicidal Treatments for Control of Papaver somniferum L. *Bull.Narcotics* 32: 33-43.

- EcoReference No.: 70006
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: TARGET(SZ,ATZ).
- Houseworth, L. D. and Tweedy, B. G. (1973). Effect of Atrazine in Combination with Captan or Thiram upon Fungal and Bacterial Populations in the Soil. *Plant Soil* 38: 493-500.
- EcoReference No.: 50330
Chemical of Concern: ATZ,Captan; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(ATZ).
- Hoyt, G. D. (1995). Applying Butylate- and EPTC-Impregnated Fertilizer to a Cover Crop for Weed Control in No-Till Corn, *Zea mays*, L. *Crop Prot.* 14: 75-79.
- EcoReference No.: 73247
Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO MIXTURE(MTL,ATZ).
- Huang, H. C. and Blackshaw, R. E. (1995). Influence of Herbicides on the Carpogenic Germination of *Sclerotinia sclerotiorum* Sclerotia. *Bot.Bull.Acad.Sin.(Taipei)* 36: 59-64.
- EcoReference No.: 70745
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).
- Huber, W., Hindelang, D., Strojic, V., and Neugebauer-Buchler, K. (1995). Relevance of Ecosystemic Studies for the Ecotoxicological Evaluation of Pesticides. In: B.Hock and R.Niessner (Eds.), *Immunochemical Detection of Pesticides and Their Metabolites in the Water Cycle, Chapter 9, Weinheim, VCH, Germany* 143-166.
- EcoReference No.: 69209
Chemical of Concern: ATZ,MTL,CBF; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Hutber, G. N., Rogers, L. J., and Smith, A. J. (1979). Influence of Pesticides on the Growth of Cyanobacteria. *Z.Allg.Mikrobiol.* 19: 397-402.
- EcoReference No.: 62799
Chemical of Concern: ATZ,DDT,DU,GYP,MPCA,24DXY,THM; Habitat: A; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Ilnicki, R. D. and Michieka, R. W. (1977). Penoxalin Alone and in Combination with Atrazine, Cyanazine, and Rh 5205 for Weed Control in Corn. *Proc.Northeast.Weed Sci.Soc.* 31: 6-10.
- EcoReference No.: 40870
Chemical of Concern: ATZ,PDM,CZE; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Ilnicki, R. D. and Michieka, R. W. (1977). Weed Control in Corn with Vel 5052 and Buthiazole (Vel 5026) Applied Alone, and in Combination with Atrazine and Alachlor. *Proc.Northeast.Weed Sci.Soc.* 31: 15-19.
- EcoReference No.: 41317
Chemical of Concern: ATZ,ACR; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).
- Ishaque, A. B., Tchounwou, P. B., Wilson, B. A., and Washington, T. (2004). Developmental Arrest in Japanese medaka (*Oryzias latipes*) Embryos Exposed to Sublethal Concentrations of Atrazine and Arsenic Trioxide.

J.Environ.Biol. 25: 1-6.

EcoReference No.: 81716

Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL,PHY,GRO,MOR; Rejection Code: NO ENDPOINT(ATZ,As).

Islam, M. O., Hara, M., and Miyake, J. (2002). Induction of P-Glycoprotein, Glutathione-S-Transferase and Cytochrome P450 in Rat Liver by Atrazine. *Environ.Toxicol.Pharmacol.* 12: 1-6.

EcoReference No.: 81779

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

Ivanova, A., Stefanov, K., and Yordanov, I. (1999). Effect of the Herbicide Atrazine on the Bean Leaf Lipids. *Biol.Plant.* 42: 417-422.

EcoReference No.: 63737

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: TARGET(ATZ).

Ivany, J. A., Sadler, J. M., Kimball, E. R., and McRae, K. B. (1985). Atrazine Persistence and Residue Effects on Rotation Crops. *Can.J.Plant Sci.* 65: 363-368.

EcoReference No.: 79700

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(ATZ).

Ivany, J. A. and Sweet, R. D. (1971). Sweet Corn Response to Alachlor and Other Herbicides. *Proc.Northeast.Weed Sci.Soc.* 25: 47-52.

EcoReference No.: 41876

Chemical of Concern: ATZ,SZ,ACR,CZE; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: NO ENDPOINT(SZ),OK(ACR),OK TARGET(ATZ).

Ivens, G. W. (1975). Preliminary Evaluation of Pre- and Post-Emergence Herbicides in "Maku" Lotus. *Proc.N.Z.Weed Control Conf.* 28: 31-34.

EcoReference No.: 40783

Chemical of Concern: ATZ,DMM,MBZ,MCPB,PZM,CZE,24DB; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,MCPB).

Ivens, G. W. and Withers, N. J. (1976). Effect of Herbicide Treatments on Three Lupin Species. *Proc.N.Z.Weed Pest Control* 29: 89-92.

EcoReference No.: 40813

Chemical of Concern: SZ,ATZ,EFL,LNR,TFN; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).

Jablonkai, I. and Dutka, F. (1989). Structure Alkylating Reactivity and Phytotoxicity Relationships of Chloroacetamides. In: *Brighton Crop Prot.Conf.- Weeds* 2: 455-462.

EcoReference No.: 73270

Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).

Jablonkai, I. and Hatzios, K. K. (1993). In Vitro Conjugation of Chloroacetanilide Herbicides and Atrazine with Thiols and Contribution of Nonenzymatic Conjugation to Their Glutathione-Mediated Metabolism in Corn. *J.Agric.Food Chem.* 41: 1736-1742.

- EcoReference No.: 73302
Chemical of Concern: MTL,ACR,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).
- Jadhav, N. S., Shelke, D. K., and Phosle, R. H. (1985). Studies on Availability and Uptake of Nitrogen and Phosphorus as Influenced by Different Methods of Weed Control in Hybrid Sorghum (*Sorghum bicolor*) CSH-1 in Marathwada Condition. *Pesticides* 19: 42-43.
- EcoReference No.: 70480
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(SZ,ATZ).
- Jensen, K. I. N. (1986). Response to Lowbush Blueberry to Weed Control with Atrazine and Hexazinone. *Hortscience* 21: 1143-1144.
- EcoReference No.: 31218
Chemical of Concern: ATZ,HXZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).
- Jensen, K. I. N., Stephensen, G. R., Hunt, L. A., and Bandeen, J. D. (1977). The Effect of Atrazine, Cyanazine, and Cyprazine on Photosynthesis and Growth of Nine Grasses. *Weed Res.* 17: 379-386.
- EcoReference No.: 42995
Chemical of Concern: ATZ,CZE; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Jensen, K. I. N., Stephenson, G. R., and Hunt, L. A. (1977). Detoxification of Atrazine in Three Gramineae Subfamilies. *Weed Sci.* 25: 212-220.
- EcoReference No.: 42631
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ATZ).
- Jensen, M., Linke, K., Dickhauser, A., and Feige, G. B. (1999). The Effect of Agronomic Photosystem-II Herbicides on Lichens. *Lichenologist* 31: 95-103.
- EcoReference No.: 64666
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: TARGET(SZ,ATZ).
- Jettner, R. J., Walker, S. R., Churchett, J. D., Blamey, F. P. C., Adkins, S. W., and Bell, K. (1999). Plant Sensitivity to Atrazine and Chlorsulfuron Residues in a Soil-Free System. *Weed Res.* 39: 287-295.
- EcoReference No.: 64668
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Johnson, A. E., Van Kampen, K. R., and Binns, W. (1972). Effects on Cattle and Sheep of Eating Hay Treated with the Triazine Herbicides, Atrazine and Prometone. *Am.J.Vet.Res.* 33: 1433-1438.
- EcoReference No.: 37331
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Johnson, B. J. (1976). Effect of Activated Charcoal on Herbicide Injury During Establishment of Centipedegrass. *Agron.J.* 68: 802-805.
- EcoReference No.: 71375

- Chemical of Concern: SZ,ATZ; Habitat: T; Rejection Code: TARGET(SZ,ATZ).
- Johnson, B. J. (1975). Smutgrass Control with Herbicides in Turfgrasses. *Weed Sci.* 23: 87-90.
- EcoReference No.: 40771
Chemical of Concern: ATZ,BMC,24DXY,DU; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK(BMC),OK TARGET(ATZ),NO MIXTURE(24DXY,DU) .
- Johnson, B. J. (1983). Treatment Effects for Crabgrass Control from Winter-Applied Atrazine in Turf. *Rga U Aes Rr* 436: 1-7.
- EcoReference No.: 32349
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Johnson, D. H., Beaty, J. D., Horton, D. K., Talbert, R. E., Guy, C. B., Mattice, J. D., Lavy, T. L., and Smith, R. J. Jr. (1995). Effects of Rotational Crop Herbicides on Rice (*Oryza sativa*). *Weed Sci.* 43: 648-654.
- EcoReference No.: 73739
Chemical of Concern: MTL,ACR,ATZ,NFZ,CMZ,FMU,IMQ,IZT,TFN; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).
- Johnson, G. A., DeFelice, M. S., and Helsel, Z. R. (1993). Cover Crop Management and Weed Control in Corn (*Zea Mays*). *Weed Technol.* 7: 425-430.
- EcoReference No.: 80062
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Johnson, W. G., DeFelice, M. S., and Holman, C. S. (1997). Application Timing Affects Weed Control with Metolachlor plus Atrazine in No-Till Corn (*Zea mays*). *Weed Technol.* 11: 207-211.
- EcoReference No.: 64677
Chemical of Concern: ATZ, MTL,GYP,DMB; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL),TARGET(DMB,ATZ).
- Jones, D. W. and Foy, C. L. (1972). Tracer Studies with ¹⁴C-Labeled Herbicides, DMSO, and Surfactant. *Weed Sci.* 20: 81-86.
- EcoReference No.: 26798
Chemical of Concern: ATZ,DMB; Habitat: T; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(DMB),OK(ALL CHEMS),OK TARGET(ATZ).
- Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.
- EcoReference No.: 70074
Chemical of Concern:
24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,CB L,CCA,CHD,CMPH,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,DEM,DI NO,DLD,DMB,DMT,DOD,DPP,DQTB,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF, FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MDT,MLH,MLN,MLT,MRX,MTM,M VP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,PPZ,PQT,PRN,PRO,P RT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL
AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPY,C QTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP,DQTB,DU,DZM,EP,EPTC,ES,FMU,FNF,FNT,F olpet,HCCH,HPT,LNR,MCB,MCP,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,P

PN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO
CONTROL,DURATION(ALL CHEMS).

Jooste, J. W. and Van Biljon, J. J. (1976). Metolachlor + Atrazine A Combination Pre-Emergence Herbicide for Broad Spectrum Weed Control in Maize. *Crop.Prod.* 5: 85-90.

EcoReference No.: 25020

Chemical of Concern: ATZ, MTL; Habitat: T; Effect Codes: POP; Rejection Code: NO
ENDPOINT,MIXTURE(MTL),TARGET(ATZ).

Juhnke, I. and Luedemann, D. (1978). Results of the Investigation of 200 Chemical Compounds for Acute Fish Toxicity with the Golden Orfe Test (Ergebnisse der Untersuchung von 200 Chemischen Verbindungen auf Akute Fischtoxizität mit dem Goldorfe Test). *Z.Wasser-Abwasser-Forsch.* 11: 161-164 (GER) (ENG TRANSL) (OECDG Data File).

EcoReference No.: 547

Chemical of Concern: ATZ,CBL,HCCH,ACL,FUR,BZO,AMSV,APAC; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN,CONTROL(ALL CHEMS).

Kallio, S. and Wilkinson, R. E. (1977). The Effects of Some Herbicides on Nitrogenase Activity and Carbon Fixation in Two Subarctic Lichens. *Bot.Gaz.* 138: 468-473.

EcoReference No.: 71045

Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: TARGET(ATZ).

Kasasian, L. (1964). Chemical Weed Control in Citrus Nursery Stock in Trinidad. *Trop.Agric.* 41: 329-333.

EcoReference No.: 42249

Chemical of Concern: ATZ,DU,SZ; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: OK
TARGET(ATZ,SZ),OK(ALL CHEMS).

Kaufman, D. D. and Blake, J. (1970). Degradation of Atrazine by Soil Fungi. *Soil Biol.Biochem.* 2: 73-80.

EcoReference No.: 50854

Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Keckes, M., Borbely, F., and Borbely, I. (1977). Xenobiotics and Soil Microbiota Affected by Xenobiotic Interactions. VI. Lupine-rhizobium Symbiosis and Herbicide Combinations. *Acta Bot.Acad.Sci.Hung.* 23: 357-360.

EcoReference No.: 70900

Chemical of Concern: EDT,ATZ; Habitat: T; Rejection Code: NO CONC(EDT),TARGET(ATZ).

Keine Angabe zur Primärquelle vom Datenlieferanten (1993). Keine Angabe zur Primärquelle vom Datenlieferanten. *Atmos.Environ.(OECDG Data File)*.

EcoReference No.: 56355

Chemical of Concern: ATZ,HCCH,MP,Cu,CuS,PCP; Habitat: A; Effect Codes: REP; Rejection Code: NO FOREIGN.

Keul, G. and Soran, V. (1978). The Effect of Prometryne and Atrazine on Nuclear Dna Synthesis. *Trav Mus Ga* 19: 39-41.

EcoReference No.: 28922

Chemical of Concern: ATZ,PMT; Habitat: T; Rejection Code: TARGET(ATZ).

Khan, M. and Saghir, A. R. (1989). Residual Activity of Triazines and Some Other Herbicides in the Soil. *Sarhad J.Agric.* 5: 591-595.

EcoReference No.: 80144

Chemical of Concern: ATZ,ACR,CZE,DMB,MBZ,EPTC; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ATZ),OK(ALL CHEMS).

Khan, S. U. and Foster, T. S. (1976). Residues of Atrazine (2-Chloro-4-Ethylamino-6-Isopropylamino-s-Triazine) and Its Metabolites in Chicken Tissues. *J.Agric.Food Chem.* 24: 768-771.

EcoReference No.: 78656

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

Khan, S. U., Kacew, S., and Molnar, S. J. (1985). Bioavailability in Rats of Bound ¹⁴C Residues from Corn Plants Treated with [¹⁴C] Atrazine. *J.Agric.Food Chem.* 33: 712-717.

EcoReference No.: 78654

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

Khan, S. U., Marriage, P. B., and Hamill, A. S. (1981). Effects of Atrazine Treatment of a Corn Field Using Different Application Methods, Times, and Additives on the Persistence of Residues in Soil and Their Uptake by Oat Plants. *J.Agric.Food Chem.* 29: 216-219.

EcoReference No.: 78655

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

Khare, L. K. (1979). Effect of Four Commercial Herbicides on Some Aquatic Weeds. *Geobios* 6: 75-77.

EcoReference No.: 70114

Chemical of Concern: SZ,ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Kiesecker, J. M. (2002). Synergism Between Trematode Infection and Pesticide Exposure: A Link to Amphibian Limb Deformities in Nature? *Proc.Natl.Acad.Sci.* 99: 9900-9904.

EcoReference No.: 68326

Chemical of Concern: ATZ,EFV,MLN; Habitat: A; Effect Codes: CEL,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

Kinfe, B. and Unger, J. (1985). The Effect of Soil-Acting Herbicides Versus Hand-Weeding in Tef (*Eragrostis Tef* (Zucc.) Trotter) Under Ethiopian Conditions. *Beitr.Trop.Landwirtsch.Vetmed.* 23: 295-299.

EcoReference No.: 31416

Chemical of Concern: AMTR,ATZ,PMT; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Kleppe, C. D. and Harvey, R. G. (1991). Postemergence-Directed Herbicides Control Wild-Proso Millet (*Panicum miliaceum*) in Sweet Corn (*Zea mays*). *Weed Technol.* 5: 746-752.

EcoReference No.: 70515

Chemical of Concern: SZ,ATZ,SXD; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,SXD,ATZ).

Kniewald, J., Mildner, P., and Kniewald, Z. (1979). Effects of s-Triazine Herbicides on Hormone-Receptor Complex Formation, 5alpha-Reductase and 3alpha-Hydroxysteroid Dehydrogenase Activity at the Anterior

- Pituitary Level. *J.Steroid Biochem.* 11: 833-838.
- EcoReference No.: 79711
Chemical of Concern: ATZ,PMT; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Knight, W. G., Morgan, J. A., Guenzi, W. D., and Shoop, M. C. (1993). Soil-Applied Atrazine Alters Blue Grama Physiology and Indirectly Influences Soil Nitrogen. *Agron.J.* 85: 1029-1035.
- EcoReference No.: 44253
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,GRO,BCM; Rejection Code: OK
TARGET(ATZ).
- Konstantinovic, B. and Meseldzija, M. (2001). Determination of Resistant Biotypes of *Amaranthus retroflexus* L. on Triazines. *Meded.Fac.Landbouwwet.Univ.Gent* 66: 769-74.
- EcoReference No.: 71380
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: NO
COC(SZ,ATZ).
- Kozlowski, T. T. (1964). Effect of Soil Incorporation of Triazine Herbicides on Development of Young Red Pine Seedlings. *Univ.of Wisconsin Forestry Res.Notes* 110: :5 p.
- EcoReference No.: 78677
Chemical of Concern: PPZ,PMT,SZ,ATZ; Habitat: T; Effect Codes: MOR,GRO; Rejection Code:
OK(PMT,SZ),NO ENDPOINT(TARGET-ATZ,PPZ).
- Kozlowski, T. T. and Clausen, J. J. (1965). Influence of Various Herbicides on Needle Structure of Young Red Pines. *For.Res.Notes* 126: 3 p.
- EcoReference No.: 78599
Chemical of Concern: EPTC,SZ,ATZ,PMT,PPZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO
ENDPOINT,CONTROL (ALL CHEMS,TARGET-ATZ).
- Kozlowski, T. T. and Sasaki, S. (1968). Effects of Direct Contact of Pine Seeds or Young Seedlings with Commercial Formulations, Active Ingredients, or Inert Ingredients of Triazine Herbicides. *Can.J.Plant Sci.* 48: 1-7.
- EcoReference No.: 78694
Chemical of Concern: PPZ,ATZ,SZ; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL
CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ).
- Kozlowski, T. T., Sasaki, S., and Torrie, J. H. (1967). Influence of Temperature on Phytotoxicity of Triazine Herbicides to Pine Seedlings. *Am.J.Bot.* 54: 790-796.
- EcoReference No.: 41356
Chemical of Concern: SZ,ATZ,PMT,PPZ,PRO; Habitat: T; Effect Codes: GRO,POP; Rejection Code:
NO ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Kozlowski, T. T. and Torrie, J. H. (1965). Effect of Soil Incorporation of Herbicides on Seed Germination and Growth of Pine Seedlings. *Soil Sci.* 100: 139-146.
- EcoReference No.: 41006
Chemical of Concern: SZ,EPTC,DCPA,PPZ,ATZ,PMT; Habitat: T; Effect Codes: REP,POP,GRO;
Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ,SZ).

Krausz, R. F., Kapusta, G., and Matthews, J. L. (1995). Evaluation of Band vs. Broadcast Herbicide Applications in Corn and Soybean. *J.Prod.Agric.* 8: 380-384.

EcoReference No.: 73545

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

Krishnamurthy, K. (1970). Effect of Herbicides on Weeds and Yield of Sorghum. *Indian J.Agric.Sci.* 40: 474-480.

EcoReference No.: 41831

Chemical of Concern: SZ,ATZ,DU,24DXY,PPN; Habitat: T; Effect Codes: REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Kulshrestha, G., Mani, V. S., and Dewan, R. S. (1975). Effect of Simazine and Atrazine Herbicides on Maize and Their Residual Effects on Succeeding Rabi Crops. *Indian J.Agron.* 20: 201-202.

EcoReference No.: 26227

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK TARGET(SZ,ATZ).

Kulshrestha, G., Yaduraju, N. T., and Mani, V. S. (1982). The Relative Toxicity of the S-Triazine Herbicides Atrazine and Simazine to Crops. *J.Environ.Sci.Health* 17B: 341-354.

EcoReference No.: 25856

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: REP,POP,PHY; Rejection Code: TARGET(SZ,ATZ).

Kumar, D., Kaushik, S. K., and Gautam, R. C. (1995). Effect of Soil-Moisture Conservation and Weed Control on the Nutrition and Seed Yield of Pearl millet (*Pennisetum glaucum*) Under Rainfed Condition. *Indian J.Agron.* 40: 604-608.

EcoReference No.: 80127

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Kummerlin, R. (1986). Interactions Between the Sorption of the Herbicide Atrazine and the Physiological Condition of Planctic Algae. *Arch.Hydrobiol.Suppl.* 66: 495-571 (GER) (ENG ABS).

EcoReference No.: 12830

Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,BCM,ACC; Rejection Code: NO FOREIGN.

Kungolos, A., Samaras, P., Kipopoulou, A. M., Zoumboulis, A., and Sakellaropoulos, G. P. (1999). Interactive Toxic Effects of Agrochemicals on Aquatic Organisms. *Water Sci.Technol.* 40: 357-364.

EcoReference No.: 62221

Chemical of Concern: HCCH,MP,ATZ; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Kurtz, M. E. (1996). The Influence of Preemergence Applied Herbicides on Kenaf Stand, Height, and Yield. *Ind.Crops Prod.* 5: 265-271.

EcoReference No.: 73986

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

Ladlie, J. S., Meggitt, W. F., and Penner, D. (1977). Effect of Atrazine on Soybean Tolerance to Metribuzin. *Weed Sci.* 25: 115-121.

EcoReference No.: 29573

Chemical of Concern: ATZ,MBZ,DMM; Habitat: T; Effect Codes: MOR,GRO,POP,PHY; Rejection Code: TARGET(ATZ).

Lande, S. S., Elnabarawy, M. T., Reiner, E. A., Welter, A. N., and Robideau, R. R. (1987). Laboratory Assessment of Environmental Impact of Phthalazine. *Bull.Environ.Contam.Toxicol.* 38: 332-336.

EcoReference No.: 12578; Habitat: A; Effect Codes: POP; Rejection Code: NO COC(ATZ).

LaPoint, T. W. and Fairchild, J. F. (1994). Use of Mesocosm Data to Predict Effects in Aquatic Ecosystems: Limits to Interpretation. In: R.L.Graney, J.H.Kennedy, and J.H.Rogers (Eds.), *Aquatic Mesocosm Studies in Ecological Risk Assessment, Chapter 16*, Lewis Publishers, Boca Raton, FL 241-255.

EcoReference No.: 7865

Chemical of Concern: EFV,ATZ; Habitat: A; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(EFV),NO MIXTURE(ATZ).

Latchanna, A. and Rani, C. S. (1999). Residual Effect of Atrazine Weedicide Used in Rabi Sorghum on Succeeding Mung Crop in Rotation. *J.Environ.Biol.* 20: 303-305.

EcoReference No.: 78653

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,MOR,ACC; Rejection Code: TARGET(ATZ).

Lawal, A. O. (1998). Effect of Herbicides on Growth and Dry-Matter Yield of Grass Legume Mixed Swards. *Indian J.Agric.Sci.* 68: 323-325.

EcoReference No.: 73796

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

Lawrie, J. and Clay, D. V. (1989). Tolerance of Forestry and Biomass Broad-Leaved Tree Species to Soil-Acting Herbicides. In: *Br.Crop Prot.Counc., Brighton Crop Prot.Conf.: Weeds, Volumes 1-3, Int.Conf., Nov.20-23, 1989, Brighton, England* 347-354.

EcoReference No.: 70642

Chemical of Concern: SZ,ATZ,IZP; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: TARGET(SZ,IZP,ATZ).

Laws, S. C., Ferrell, J. M., Stoker, T. E., and Cooper, R. L. (2003). Pubertal Development in Female Wistar Rats Following Exposure to Propazine and Atrazine Biotransformation By-Products, Diamino-S-Chlorotriazine and Hydroxyatrazine. *Toxicol.Sci.* 76: 190-200.

EcoReference No.: 78785

Chemical of Concern: PPZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(ATZ),OK(ALL CHEMS).

Lay, M. M. and Niland, A. M. (1985). Biochemical Response of Inbred and Hybrid Corn (*Zea mays* L.) to R-25788 and Its Distribution with EPTC in Corn Seedlings. *Pestic.Biochem.Physiol.* 23: 131-140.

EcoReference No.: 80222

Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,BCM,CEL; Rejection Code: TARGET(ATZ).

Lazowski, E. J. and Hall, J. K. (1991). Triazine Herbicide Residues in Corn Production Systems: Effects of Tillage, Application Rate and Liming on Persistence. *Soil Tillage Res.* 21: 133-145.

EcoReference No.: 80065

Chemical of Concern: ATZ,CZE; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Leavitt, J. R. C. and Penner, D. (1979). In Vitro Conjugation of Flutathione and Other Thiols and Acetanilide Herbicides and Eptc Sulfoxide and the Action of the Herbicide Antidote R-25788. *J Agr Food* 27: 533-536.

EcoReference No.: 44078

Chemical of Concern: ATZ,ACR; Habitat: T; Effect Codes: GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Leblova, S. and Rovenska, J. (1987). Effect of Pollutants on Alcohol Dehydrogenase Isolated from Peanut (*Arachis hypogaea*). *Biologia (Bratisl.)* 42: 347-357.

EcoReference No.: 70412

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(SZ,ATZ).

Lee, W. O. (1981). Control of Annual Bluegrass (*Poa annua*) in Perennial Ryegrass (*Lolium perenne*) Seed Fields. *Weed Sci.* 29: 444-447.

EcoReference No.: 80060

Chemical of Concern: EFS,DU,ATZ,SZ,CPP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(ATZ).

Lehoczki, E., Laskay, G., Polos, E., and Mikulas, J. (1984). Resistance to Triazine Herbicides in Horseweed (*Conyza canadensis*). *Weed Sci.* 32(5): 669-674.

EcoReference No.: 44127

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

Lepiece, D., Salembier, J. F., and Thompson, A. (2001). Primus (Florasulam 50 G/L), a New Triazolopyrimidine Sulfonanilide Herbicide to Control Broad-Leaved Weeds in Maize when Applied in Early Postemergence (1 to 6 Leaf Stage of Maize). Preliminary Results. *Meded.Fac.Landbouwwet.Rijksuniv.Gent* 66: 681-704.

EcoReference No.: 79704

Chemical of Concern: NSF,MST,PYD,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).

Lewis, J. W., Kay, A. N., and Hanna, N. S. (1993). Responses of Electric Fish (Family Mormyridae) to Chemical Changes in Water Quality: II. Pesticides. *Environ.Technol.* 14: 1171-1178.

EcoReference No.: 13382

Chemical of Concern: ATZ,HCCH; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Liang, G. H. L., Feltner, K. C., and Russ, O. G. (1969). Meiotic and Morphological of Grain sorghum to Atrazine, 2,4-D, Oil and Their Combinations. *Weed Sci.* 17: 8-12.

EcoReference No.: 81740

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: CEL; Rejection Code: OK(24DXY),OK TARGET(ATZ).

Lichtenstein, E. P. (1975). Chemical Residue Interactions and Effects in Soil-Plant-Animal Systems. *Proc.and Rep.of Two Resear.Co-Ordination Meetings Organized by the Joint FAO/IAEA Div.of Atomic Energy in Food and Agriculture, Nov.5-9, 1973 and June 4-7, 1974, Vienna, Austria* 3-7.

EcoReference No.: 51519

Chemical of Concern: HCCCH,DDT,ATZ,PCB,DZ,CBF,PRT; Habitat: T; Effect Codes: ACC,GRO,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

Lichtenstein, E. P., Liang, T. T., and Anderegg, B. N. (1975). Synergism of Insecticides by Herbicides Under Various Environmental Conditions. *Environ.Conserv.* 2: 148.

EcoReference No.: 65412

Chemical of Concern: ATZ,SZ,24DXY,CBF,DDT,PRN,DZ; Habitat: AT; Rejection Code: NO REVIEW.

Lin, A. J., Zhu, Y. G., Tong, Y. P., and Geng, C. N. (2005). Evaluation of Genotoxicity of Combined Pollution by Cadmium and Atrazine. *Bull.Environ.Contam.Toxicol.* 74: 589-596.

EcoReference No.: 79508

Chemical of Concern: Cd,ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: TARGET(ATZ).

Loeb, H. A. and Kelly, W. H. (1963). Acute Oral Toxicity of 1,496 Chemicals Force-fed to Carp. *U.S.Fish.Wildl.Serv., Sp.Sci.Rep.-Fish.No.471, Washington, D.C.* 124 p.

EcoReference No.: 15898

Chemical of Concern:

AZ,Captan,CBL,CMPH,HCCCH,MLN,Naled,SZ,PNB,ACL,WFN,FUR,DPC,RTN,NaN3,PCP,NaPCP,AsA C,ACL,ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Loeppky, C. and Tweedy, B. G. (1969). Effects of Selected Herbicides upon Growth of Soil Algae. *Weed Sci.* 17: 110-113.

EcoReference No.: 71778

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

Lopez-Martinez, N., Marshall, G., and De Prado, R. (1997). Resistance of Barnyardgrass (*Echinochloa crus-galli*) to Atrazine and Quinclorac. *Pestic.Sci.* 51: 171-175 .

EcoReference No.: 66717

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

Ludwig, J. W. (1973). Effects of Herbicides on the Productivity of Fodder Maize with Special Reference to Pre-emergence Applications of 2,4-D-Amine. *Weed Res.* 13: 1-11.

EcoReference No.: 41778

Chemical of Concern: 24DXY,LNR,ATZ,SZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Ludwig, J. W. (1973). The Use of a Low Dose of Atrazine Alone and in Mixtures with Other Herbicides in the Maize Crop. *Weed Res.* 13: 12-18.

EcoReference No.: 40618

Chemical of Concern: ATZ,PCH,LNR,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Lynch, T. R., Johnson, H. E., and Adams, W. J. (1982). The Fate of Atrazine and a Hexachlorobiphenyl Isomer in

- Naturally-Derived Model Stream Ecosystems. *Environ.Toxicol.Chem.* 1: 179-192.
- EcoReference No.: 15037
Chemical of Concern: ATZ,PCB; Habitat: A; Effect Codes: ACC; Rejection Code: NO EFFECT.
- Lytle, T. F. and Lytle, J. S. (1997). Ascorbate: A Biomarker of Herbicide Stress in Wetland Plants. In: *E.L.Kruger, T.A.Anderson, and J.R.Coats (Eds.), Phytoremediation of Soil and Water Contaminants, Chapter 8, ACS Symp.Ser.No.664* 106-113.
- EcoReference No.: 51722
Chemical of Concern: TFN,MTL,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Madhulety, T. Y. and Chandra Singh, D. J. (1977). Biochemical and Physiological Studies of Alachlor and Atrazine in Maize. *Andhra Agric.J.* 23: 85-92.
- EcoReference No.: 26414
Chemical of Concern: ACR,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(ATZ).
- Mahalle, S. S. and Seth, J. (1989). Effect of Weedicides and Nitrogen Levels on Nitrogen Uptake and Yield of Sorghum (*Sorghum bicolor*). *Indian J.Agric.Sci.* 59: 395-397.
- EcoReference No.: 79701
Chemical of Concern: ATZ,2,4-DXY; Habitat: T; Effect Codes: GRO,ACC,POP; Rejection Code: TARGET(ATZ).
- Mahmood, S. K. and Rao, A. M. M. (1995). Impact of Pesticides on Root Exudates of *Ageratum conyzoides* L. *Bangladesh J.Bot.* 24 : 225-227.
- EcoReference No.: 74720
Chemical of Concern: CBF,MLH,24DXY,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Malan, C., Visser, J. H., and Grobbellar, N. (1982). Control of Problem Weeds of Maize on the Transvaal High Veld (South Africa): 2. *Datura Stramonium*. *Weed Res.* 22: 101-104.
- EcoReference No.: 41332
Chemical of Concern: ATZ,CZE,MCPA,PAQT; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Malan, C., Visser, J. H., and Van de Venter, H. A. (1987). Atrazine Metabolism in Field-Grown Maize and the Effect of Atrazine Phytotoxicity on Yield. *S.Afr.J.Plant Soil* 4: 7-11.
- EcoReference No.: 81149
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,ACC,BCM,POP; Rejection Code: OK TARGET(ATZ).
- Malan, C., Visser, J. H., and Van de Venter, H. A. (1986). In Vivo Atrazine Hydroxylation in Maize Plants Exposed to Five Different Temperature Regimes. *S.Afr.J.Plant Soil* 3: 115-118.
- EcoReference No.: 80529
Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: TARGET(ATZ).
- Mallison III, S. M. and Cannon, R. E. (1984). Effects of Pesticides on Cyanobacterium *Plectonema boryanum* and Cyanophage LPP-1. *Appl.Environ.Microbiol.* 47: 910-914.

- EcoReference No.: 10887
Chemical of Concern: ATZ,HCCH,MLN,,ADC,AMTR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ).
- Mann, J. D. and Pu, M. (1968). Inhibition of Lipid Synthesis by Certain Herbicides. *Weed Sci.* 1: 197-198.
- EcoReference No.: 43988
Chemical of Concern: EDT,SZ,24DXY,ATZ,DBN,TFN,PCP,PCL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,CONTROL,DURATION(ALL CHEMS).
- Mansour, F. (1987). Effect of Pesticides on Spiders Occurring on Apple and Citrus in Israel. *Phytoparasitica* 15: 43-50.
- EcoReference No.: 70244
Chemical of Concern: ATZ,CPY,FPP,CYP,FNV,PPHD,FVL,Zineb,Maneb,SFR,Captan,TDF,BMC,GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ATZ).
- Marinari, S., Badalucco, L., De Toledo, V. C., and Grego, S. (1996). Effect of Composted Manure on Soil Fertility and Maize (*Zea mays*) Production: Preliminary Results. *Agrochimica* 40: 276-283.
- EcoReference No.: 79731
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).
- Marriage, P. B., Khan, S. U., Warwick, S. I., and Tutte, D. F. (1981). Differential Nitrogen Response to Atrazine of Susceptible and Resistant Populations of Lamb's-Quarters (*Chenopodium album* L.). *Pestic.Biochem.Physiol.* 15: 294-299.
- EcoReference No.: 80934
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(ATZ).
- Marriage, P. B. and Saidak, W. J. (1974). Control of Barnyardgrass and Yellow Foxtail by Herbicides in Relation to the Sucrose Content of the Seedling Leaves. *Weed Res.* 14: 115-118.
- EcoReference No.: 41216
Chemical of Concern: ATZ,DMM,LNR,MBZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Marriage, P. B. and Warwick, S. I. (1980). Differential Growth and Response to Atrazine Between and Within Suceptible and Resistant Biotypes of *Chenopodium album*. *Weed Res.* 20: 9-16.
- EcoReference No.: 43734
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP,PHY,REP,BCM; Rejection Code: OK TARGET(ATZ).
- Marshall, R. J. and Nel, P. C. (1978). Effect of Atrazine on Some Grain Sorghum Cultivars. *Gewasprod.Crop Prod.* 7: 189-192.
- EcoReference No.: 26507
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Masters, R. A. (1995). Establishment of Big Bluestem and Sand Bluestem Cultivars with Metolachlor and Atrazine. *Agron.J.* 87: 592-596.
- EcoReference No.: 73937
Chemical of Concern: MTL,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL

CODED(MTL),TARGET(ATZ).

Mathew, R., Kacew, S., and Khan, S. U. (1998). Bioavailability in Rats of Bound Pesticide Residues from Tolerant or Susceptible Varieties of Soybean and Canola Treated with Metribuzin or Atrazine. *Chemosphere* 36: 589-596.

EcoReference No.: 51976

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

Matthias, U. (1990). Sonderprojekt: Okologische Schaden im Rhein durch den Sandoz-Schadensfall, Okotoxikologische Bewertung des Sandoz-Schadensfalles Anhand von Laboruntersuchungen. *Landesanstalt fur Umweltschutz, Baden-Wurttemberg, Inst.fur Wasser- und Abfallwirtschaft, Endbericht (OECDG Data File)*.

EcoReference No.: 56301

Chemical of Concern: ATZ,DS; Habitat: A; Effect Codes: MOR,CEL,REP,BEH,PHY; Rejection Code: NO FOREIGN(ALL CHEMS).

Mayer, F. L. Jr. (1974). Pesticides as Pollutants. In: B.G.Liptak (Ed.), *Environmental Engineer's Handbook*, Chilton Book Co., Radnor, PA 405-418 (Publ in Part As 6797).

EcoReference No.: 70421

Chemical of Concern:

AND,CHD,DDT,DLD,ES,EN,HPT,TXP,DZ,CPY,PRN,CBL,ACL,ATZ,Cu,EDT,SZ,As; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS). **Less sensitive endpoint.**

Mayeux, H. S. Jr., Scifres, C. S., and Crane, R. A. (1980). *Ericameria austrotexana* and Associated Range Forage Responses to Herbicides. *Weed Sci.* 28: 602-606.

EcoReference No.: 44033

Chemical of Concern: 24DXY,ATZ,BYP,PAQT,PCL,GYP,DMB; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).

Mazanti, L. E. (1999). The Effects of Atrazine, Metolachlor and Chlorpyrifos on the Growth and Survival of Larval Frogs Under Laboratory and Field Conditions. *Ph.D.Thesis, Univ.of Maryland, College Park, MD*.

EcoReference No.: 75041

Chemical of Concern: MTL,ATZ,CPY; Habitat: A; Effect Codes: BEH,GRO,ACC,SYS; Rejection Code: OK(CPY), NO MIXTURE(ATZ,MTL).

McCarty, L. B., Porter, D. W., and Colvin, D. L. (1995). Sod Regrowth of St. Augustinegrass After Preemergence Herbicide Application. *Agron.J.* 87: 503-507.

EcoReference No.: 73910

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

McCarty, L. B., Porter, D. W., Colvin, D. L., Shilling, D. G., and Hall, D. W. (1994). Controlling Two Sprangletop (*Leptochloa* spp.) Species with Preemergence Herbicides. *Weed Technol.* 9: 29-33.

EcoReference No.: 74007

Chemical of Concern: MTL,ATZ,PDM,ODZ,DTP; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),TARGET(ATZ).

McCarty, L. B., Porter, D. W., Colvin, D. L., Shilling, D. G., and Hall, D. W. (1995). St. Augustinegrass Rooting

- Following Preemergence Herbicide Application. *J.Am.Soc.Hortic.Sci.* 120: 374-378.
- EcoReference No.: 73301
Chemical of Concern: MTL,ATZ,PDM,ODZ,DTP; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS),OK TARGET(ATZ).
- McCarty, M. K. (1979). Yield and Quality of Two Cool-Season Grasses as Affected by Selected Herbicides. *Weed Sci.* 27: 415-421.
- EcoReference No.: 41465
Chemical of Concern: 24DXY,DMB,PCL,ATZ,TPR; Habitat: T; Effect Codes: POP,BCM; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).
- McEnerney, J. T. and Davis, D. E. (1979). Metabolic Fate of Atrazine in the Spartina alterniflora-Detritus-Uca pugnax Food Chain. *J.Environ.Qual.* 8: 335-338.
- EcoReference No.: 15022
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL,ENDPOINT(ATZ).
- McGonigle, B., Lau, S-M. C., Jennings, L. D., and O'Keefe, D. P. (1998). Homoglutathione Selectivity by Soybean Glutathione S-Transferases. *Pestic.Biochem.Physiol.* 62: 15-25.
- EcoReference No.: 73411
Chemical of Concern: CRME,ACR,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(MTL),NO ENDPOINT(TARGET-ATZ).
- McMullin, T. S., Brzezicki, J. M., Cranmer, B. K., Tessari, J. D., and Andersen, M. E. (2003). Pharmacokinetic Modeling of Disposition and Time-Course Studies with [14C]Atrazine. *J.Toxicol.Environ.Health Part A* 66: 941-964.
- EcoReference No.: 79528
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,BCM,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Meena, K., Gautam, R. C., Anand, K., and Pandey, C. S. (2004). Integrated Weed Management in Brahmi (Bacopa monnieri). *Indian J.Agric.Sci.* 74: 382-384.
- EcoReference No.: 79725
Chemical of Concern: ACR,ATZ,BTC,OXF; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).
- Mehra, S. P., Brar, L. S., and Sharma, K. K. (1995). Weed Management in Spring Planted Sugarcane. *J.Res.Punjab Agric.Univ.* 32: 11-74.
- EcoReference No.: 70268
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Menzel, R., Bogaert, T., and Achazi, R. (2001). A Systematic Gene Expression Screen of Caenorhabditis elegans Cytochrome P450 Genes Reveals CYP35 as Strongly Xenobiotic Inducible. *Arch.Biochem.Biophys.* 395: 158-168.
- EcoReference No.: 81720
Chemical of Concern: ATZ,PCB; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

Mester, L., Tesio, C., Marcoci, S., and Popescu, C. (1987). Toxic Action of Pitezin on Some Freshwater Fish Species *Cyprinus carpio* and *Carassius auratus* Gibelio. *Stud.Cercet Biol.Ser.Biol.Anim.* 39: 47-52 (ROM) (ENG ABS).

EcoReference No.: 13422

Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: NO FOREIGN,CONTROL(ATZ).

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

EcoReference No.: 41467

Chemical of Concern: ATZ,BMC,GYP,HXZ,TET,CFRM; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,CFRM).

Michieka, R. W., Somody, C. N., and Ilnicki, R. D. (1978). The Effects of Two Atrazine Formulations on the Response of Several Varieties of Sweet Corn. *Proc.Northeast.Weed Sci.Soc.* 32: 119-123.

EcoReference No.: 41426

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

Miller, D. K., Richard, E. P. Jr., and Griffin, J. L. (1998). Sugarcane (*Saccharum* spp. Hybrids) Response to Simulated Fallow Field Residues of Metribuzin and Sulfometuron. *Weed Technol.* 12: 454-457.

EcoReference No.: 80068

Chemical of Concern: ATZ,MBZ,DDM,SMY; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Miller, M. S. and Doxtader, K. G. (1995). Atrazine Impacts on Shortgrass Prairie Microcosms. *J.Range Manag.* 48: 298-306.

EcoReference No.: 71609

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,GRO,PHY; Rejection Code: TARGET(ATZ).

Miota, F., Siegfried, B. D., Scharf, M. E., and Lydy, M. J. (2000). Atrazine Induction of Cytochrome P450 in *Chironomus tentans* Larvae. *Chemosphere* 40: 285-74.

EcoReference No.: 52276

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

Mitich, L. W., Feyler, M. L., and Kearney, T. E. (1989). Chemical Control of Weeds in Grain Lupine. *Proc.West.Soc.Weed Sci.* 42: 226-74.

EcoReference No.: 71242

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(SZ,ATZ).

Mohammed, K. B. and Ma, T. H. (1999). Tradescantia-Micronucleus and -Stamen Hair Mutation Assays on Genotoxicity of the Gaseous and Liquid Forms of Pesticides. *Mutat.Res.* 426: 193-199.

EcoReference No.: 62885

Chemical of Concern: SZ,ATZ,PCL,DMB,DMT; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(DMT),TARGET(SZ,DMB,ATZ).

Mohanadas, S., Wallace, W., and Nicholas, D. J. D. (1978). Effects of Atrazine on the Assimilation of Inorganic

- Nitrogen in Cereals. *Phytochem* 17: 1021-1028.
- EcoReference No.: 41520
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: OK TARGET(ATZ).
- Montgomerie, I. G. and Kennedy, D. M. (1982). The Effects of Dazomet, Fenaminosulf, and Soil Ridges on Red Core Disease of Strawberry. *Ann.Appl.Biol.* 100: 443-455.
- EcoReference No.: 79896
Chemical of Concern: DZM,ATZ; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: LITE EVAL CODED(DZM),TARGET(ATZ).
- Moorhouse, K. G. and Casida, J. E. (1992). Pesticides as Activators of Mouse Liver Microsomal Glutathione S-Transferase. *Pestic.Biochem.Physiol.* 44: 83-90.
- EcoReference No.: 79085
Chemical of Concern: ACL,Captan,TMT,ATZ,ACR,EPTC,MITC; Habitat: T; Effect Codes: BCM; Rejection Code: OK(EPTC,Captan,MITC),NO IN VITRO(ACL,ACR,ATZ,TMT).
- Moosleitner, H. (1983). Ein Plastiksack als Laichplatz für Chromis chromis. *Zool Anz Jena* 210: 175-179.
- EcoReference No.: 52352
Chemical of Concern: ATZ; Habitat: A; Rejection Code: NO FOREIGN.
- Moreland, D. E., Malhotra, S. S., Gruenhagen, R. D., and Shokraii, E. H. (1969). Effects of Herbicides on RNA and Protein Synthesis. *Weed Sci.* 17: 556-563.
- EcoReference No.: 42656
Chemical of Concern: AMTL,PCL,EPTC,PCH,PPN,TFN,DMB,DBN,DU,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: OK TARGET(ATZ,DMB),OK(ALL CHEMS).
- Mougin, C., Laugero, C., Asther, M., and Chaplain, V. (1997). Biotransformation of s-Triazine Herbicides and Related Degradation Products in Liquid Cultures by the White Rot Fungus *Phanerochaete chrysosporium*. *Pestic.Sci.* 49: 169-177.
- EcoReference No.: 69984
Chemical of Concern: ATZ; Habitat: T; Rejection Code: NO COC(SZ,ATZ).
- Moyer, J. R. and Blackshaw, R. E. (1993). Effect of Soil Moisture on Atrazine and Cyanazine Persistence and Injury to Subsequent Cereal Crops in Southern Alberta. *Weed Technol.* 7: 988-994.
- EcoReference No.: 80059
Chemical of Concern: ATZ,CZE; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(ATZ).
- Mukhopadhyay, S. K. (1980). Effects of Herbicides and Insecticides Alone and Their Combinations on Soil Microflora. *Indian J.Weed Sci.* 12: 53-60.
- EcoReference No.: 71311
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Mukula, J. (1962). Chemical Weed Control in Fruit Crop Nurseries. *Ann.Agric.Fenn.* 1: 25-36.
- EcoReference No.: 42754
Chemical of Concern: ATZ,DU,SZ; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).

Mulder, T. A. and Doll, J. D. (1994). Reduced Input Corn Weed Control: The Effects of Planting Date:, Early Season Weed Control, and Row-Crop Cultivator Selection. *J.Prod.Agric.* 7: 256-260.

EcoReference No.: 73544

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

Munoz, I. and Roses, N. (2000). Comparison of Extraction Methods for the Determination of Atrazine Accumulation in Freshwater Molluscs (*Physa acuta* Drap. and *Ancylus fluviatilis* Mull, Gastropoda). *Water Res.* 34: 2846-2848.

EcoReference No.: 52488

Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,ACC; Rejection Code: NO ENDPOINT(ATZ).

Murdoch, C. L. and Ikeda, D. (1974). Goosegrass Control in Bermudagrass Turf with Combinations of MSMA and S-Triazines. *Agron.J.* 66: 712-714.

EcoReference No.: 40770

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Murthy, G. M. A. and Gowda, J. V. N. (1993). Evaluation of Herbicides for Weed Control in Tuberose (*Polianthes tuberosa* Linn.) cv. Double. *Crop Res.* 6: 176-178.

EcoReference No.: 73795

Chemical of Concern: MTL,ACR,DU,PDM,ATZ,24DXY,BTC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS),OK TARGET(ATZ).

Murty, K. V., Raju, D. S. S., and Sharma, C. B. S. R. (1983). Cytogenetic Hazards from Agricultural Chemicals. 7. Herbicides, Fungicides and Insecticides Screened for Effects on Chiasmata in *Hordeum vulgare*. *Biol.Zentralbl.* 102: 571-576.

EcoReference No.: 41005

Chemical of Concern: TBA,CBX,OXC,Zineb,Zn,ATZ,SZ,PMT,BMC,TRB,PPHD,FNT,MP,DDVP,TCF,PNB; Habitat: T; Effect Codes: CEL; Rejection Code: OK TARGET(SZ,ATZ).

Muschal, M. and Warne, M. St. J. (2003). Risk Posed by Pesticides to Aquatic Organisms in Rivers of Northern Inland New South Wales, Australia. *Hum.Ecol.Risk Assess.* 9: 1765-1787.

EcoReference No.: 81718

Chemical of Concern: ATZ,PRO,MTL,DV,PFF,CPY,ES; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Myers, M. G. and Harvey, R. G. (1993). Triazine-Resistant Common Lambsquarters (*Chenopodium album* L.) Control in Field Corn (*Zea mays* L.). *Weed Technol.* 7: 884-889.

EcoReference No.: 73810

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

Nadar, H. M., Clegg, M. D., and Maranville, J. W. (1975). Promotion of Sorghum Callus Growth by the s-Triazine Herbicides. *Plant Physiol.* 56: 747-751.

EcoReference No.: 43423

Chemical of Concern: SZ,PPZ,ATZ,AMTR,PRO,PMT; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ,SZ).

Nagel, R. (1992). Toxicity of Pesticides to Aquatic Vertebrates Illustrated by the Example of the Fish. In: H.Becker and R.Heitefuss (Eds.), *Determination of Herbicides in Aquatic Ecosystems*, Johannes Gutenberg- Univ.Mainz, Saarstr., Mainz 88-104 (GER) (ENG ABS).

EcoReference No.: 4999

Chemical of Concern: ATZ,HCCH; Habitat: A; Effect Codes: REP,CEL,MOR,BEH; Rejection Code: NO FOREIGN(ALL CHEMS).

Nakagawa, L. E., Luchini, L. C., Musumeci, M. R., and Matallo, M. (1996). Behavior of Atrazine in Soils of Tropical Zone Degradation, Mobility and Uptake of Atrazine Residues from Soils in a Crop Rotation System (Maize/Beans). *J.Environ.Sci.Health Part B* 31: 203-224.

EcoReference No.: 79697

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

Nalewaja, J. D. and Adamczewski, K. A. (1976). Vaporization and Uptake of Atrazine with Additives. *Weed Sci.* 24: 217-223.

EcoReference No.: 26000

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Nash, R. G. and Harris, W. G. (1973). Screening for Phytotoxic Pesticide Interactions. *J.Environ.Qual.* 2: 493-497.

EcoReference No.: 52580

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO MIXTURE(SZ),TARGET(ATZ).

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

EcoReference No.: 78602

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

Nemat Alla, M. M. (1995). Glutathione Regulation of Glutathione S-Transferase and Peroxidase Activity in Herbicide-Treated Zea mays. *Plant Physiol.Biochem.* 33: 185-192 .

EcoReference No.: 73539

Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(MTL),TARGET(ATZ).

Neumann, S., Grimm, E., and Jacob, F. (1985). Transport of Xenobiotics in Higher Plants I. Structural Prerequisites for Translocation in the Phloem. *Biochem.Physiol.Pflanz.* 180: 257-268.

EcoReference No.: 71754

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(ATZ).

Neumann, W., Laasch, H., and Urbach, W. (1987). Mechanisms of Herbicide Sorption in Microalgae and the Influence of Environmental Factors. *Pestic.Biochem.Physiol.* 27: 189-200.

EcoReference No.: 3040

Chemical of Concern: ATZ,DU,HCCH,TDZ; Habitat: A; Effect Codes: BCM; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS).

Newton, M. and Overton, W. S. (1973). Direct and Indirect Effects of Atrazine, 2,4-D and Dalapon Mixtures on Conifers. *Weed Sci.* 21: 269-275.

EcoReference No.: 28375

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(ATZ).

Nikkila, A., Paulsson, M., Almgren, K., Blanck, H., and Kukkonen, J. V. K. (2001). Atrazine Uptake, Elimination, and Bioconcentration by Periphyton Communities and *Daphnia magna*: Effects of Dissolved Organic Carbon. *Environ.Toxicol.Chem.* 20: 1003-1011.

EcoReference No.: 58974

Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ATZ).

Nishimoto, R. K. (1992). Evaluation of Pre-emergence Herbicides for Establishing Coffee. *Trop.Pest Manag.* 38: 298-301.

EcoReference No.: 70131

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,GRO,POP; Rejection Code: TARGET(SZ,ATZ).

Nishimoto, R. K. and Murdoch, C. L. (1994). Smutgrass (*Sporobolus indicus*) Control in Bermudagrass (*Cynodon dactylon*) Turf with Triazine-MSMA Applications. *Weed Technol.* 8: 836-839.

EcoReference No.: 70514

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(SZ,ATZ).

Nishimoto, R. K., Yip, C. P., and Sweet, R. D. (1978). Some Factors Influencing Atrazine Activity on Yellow Nutsedge (*Cyperus Esculentus*). *Weed Sci.* 26: 421-425.

EcoReference No.: 41486

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ).

Nishiuchi, Y. (1972). Toxicity of Pesticides to Some Water Organisms. *Bull.Agric.Chem.Insp.Stn.(Noyaku Kensasho Hokoku)* 12: 122-128 (JPN) (ENG TRANSL).

EcoReference No.: 10258

Chemical of Concern:

3CE,AC,AMTL,AMTR,AND,As,ATZ,BMC,BS,Captan,CBL,CPA,CPY,CTN,Cu,DBN,DCPA,DDT,DDV P,DLD,DMB,DMT,DPA,DSMA,DU,DZ,EDB,EDC,EN,EPTC,ES,ETN,Fe,FLAC,FML,FNT,FNTH,HCC H,Hg,HPT,LNR,MCAP,MCPB,MCP,MDT,MLN,MOM,MP,MTAS,NALED,Ni,NTCN,OPHP,Pb,PCB,P CP,PCZ,PEB,PHMD,PHSL,PHTH,PMT,PNB,PPX,PPZ,PRN,PSM,PYN,SFL,SID,STREP,SZ,TBC,TFN,T HM,TPE,TPH,TPM,TRN,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Nishiuchi, Y. and Asano, K. (1979). Toxicity of Agricultural Chemicals to Some Freshwater Organisms - 59. *The Aquiculture (Suisan Zoshoku)* 27: 48-55 (JPN) (ENG TRANSL).

EcoReference No.: 6954

Chemical of Concern:

ACP,ACR,ATZ,BMC,BT,Captan,CPY,CTN,Cu,CuOH,CuS,DMT,DU,DZ,Folpet,HCCH,LNR,MAL,MDT ,MLN,MOM,PCP,PEB,PHMD,PMT,PNB,PPG,PQT,PSM,TBC,TFN,RTN,CuCl,PPZ; Habitat: A; Effect

Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Nishiuchi, Y. and Hashimoto, Y. (1967). Toxicity of Pesticide Ingredients to Some Fresh Water Organisms. *Sci.Pest Control (Botyu-Kagaku)* 32: 5-11 (JPN) (ENG ABS) (Author Communication Used).

EcoReference No.: 15192

Chemical of Concern:

ATZ,Captan,CBL,CTN,DBN,DMB,DMT,DU,DZ,HCCH,LNR,MLN,MP,PMT,PSM,SZ,24DXY,MCPB,N aPCP,PPZ,ZIRAM,PRN,MP,MLN,ETN,DDT,DLD,MCPA; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.

Nishiuchi, Y. and Hashimoto, Y. (1969). Toxicity of Pesticides to Some Fresh Water Organisms. *Rev.Plant Prot.Res.* 2: 137-139.

EcoReference No.: 2682

Chemical of Concern: SZ,24DXY,ATZ,Captan,HCCH,MLN,PRN,DDT,MCPA,Ziram,PPN,PCP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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

EcoReference No.: 13030

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

O'Donovan, J. T. and Prendeville, G. N. (1975). Shoot Zone Uptake of Soil-Applied Herbicides in Some Legume Species. *Weed Res.* 15: 413-417.

EcoReference No.: 43430

Chemical of Concern: SZ,ATZ,PMT,TFN,CNR,DU; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).

Obermeier, M. R. and Kapusta, G. (1996). Postemergence Broadleaf Weed Control in Corn (Zea mays) with CGA-152005. *Weed Technol.* 10: 689-698.

EcoReference No.: 73769

Chemical of Concern: ATZ,MTL,DMB,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),OK TARGET(DMB,ATZ).

Office of Pesticide Programs (2000). Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). *Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.*

EcoReference No.: 344

Chemical of Concern:

24DXY,ACL,ACP,ACR,AKTMD,ALSV,APAC,AQS,AsAC,ATM,ATN,ATZ,AZ,BBN,BDF,BFT,BMC,B ML,BMN,Br2,BrCl,BRSM,BS,BT,CaPS,Captan,CBF,CBL,CFE,CFE,CFRM,CLNB,CLP,CMPH,CPC,CP Y,CQTC,CrACCTN,CTZ,Cu,CuFRA,CuO,CuOT,CuTE,CuS,CYD,CYF,CYP,CYT,DBN,DCNA,DBAC,D DAC,DFT,DFZ,DIIS,DKGNa,DM,DMB,DMM,DMP,DMT,DOD,DPC,DPDP,DS,DSP,DU,DZ,DZM,EFL ,EFS,EFV,EP,FHX,FAME,FMP,FO,Folpet,FPN,FPP,FVL,GTN,GYP,HCCH,HXZ,IGS,IPD,IZP,KMFD,L NR,MAL,MB,MBZ,MDT,MFDD,MFX,MFZ,MGK,MLN,MLT,MOM,MP,MTL,MTM,NAA,NaBr, Naled,NFZ,NPP,NTP,OTN,OXF,OXT,OYZ,PCP,PCZ,PDM,PEB,PHMD,PMR,PMT,PNB,PPB,PPG,PPM H,PPZ,PQT,PRB,PRT,PSM,PYN,PYZ,RSM,RTN,SMM,SMT,SS,SXD,SZ,TBC,TCMTB,TDC,TDF,TDZ, TET,TFN,TFR,TMT,TPR,TRB,WFN,ZnP; Habitat: AT; Effect Codes: MOR,POP,PHY,GRO,REP; Rejection Code: NO EFED (344).

Okamura, H., Aoyama, I., Liu, D., Maguire, R. J., Pacepavicius, G. J., and Lau, Y. L. (2000). Fate and Ecotoxicity

- of the New Antifouling Compound Irgarol 1051 in the Aquatic Environment. *Water Res.* 34: 3523-74.
- EcoReference No.: 56747
Chemical of Concern: SZ,ATZ; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: NO CONTROL(ALL CHEMS).
- Ort, M. P., Fairchild, J. F., and Finger, S. E. (1994). Acute and Chronic Effects of Four Commercial Herbicide Formulations on *Ceriodaphnia dubia*. *Arch.Environ.Contam.Toxicol.* 27: 103-106.
- EcoReference No.: 13689
Chemical of Concern: ACR,MBZ,MTL,DMM,ATZ; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(MTL),NO MIXTURE(ATZ),OK(ACR,MBZ,DMM).
- Oulmi, Y., Negele, R. D., and Braunbeck, T. (1995). Segment Specificity of the Cytological Response in Rainbow Trout (*Oncorhynchus mykiss*) Renal Tubules Following Prolonged Exposure to Sublethal Concentrations of Atrazine. *Ecotoxicol.Environ.Saf.* 32: 39-50.
- EcoReference No.: 16146
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).
- Pakzad, U. and Schlosser, E. (1998). Effect of Pesticides on a Vampire Amoeba (Wirkung von Pflanzenschutzmitteln auf eine Vampiramoeba). *Z.Pflanzenkr.Pflanzenschutz* 105: 100-103.
- EcoReference No.: 75059
Chemical of Concern: ATZ,BMY,DMT; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Palmer, J. S. and Radeleff, R. D. (1969). The Toxicity of Some Organic Herbicides in Cattle, Sheep, and Chickens. *Production Research Rep.No.106, U.S.Dep Agriculture, Agricultural Research Service, Washington, DC.*
- EcoReference No.: 80737
Chemical of Concern: 24DXY,24DXYEE,PPA,MCPA,LNR,DU,TRL,ATZ,SZ,PRO,PPZ,DMB,BMC,DBN,PCLK; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT,CONTROL(ATZ,SZ),OK(24DXY,24DXYEE,PPA,MCPA,LNR,DU,TRL,PRO,PPZ,DMB,BMC,DBN,PCLK).
- Palmstrom, N. and Krieger, K. A. (1983). The Effects of Atrazine and Metolachlor on the Vegetative Growth of *Lemna minor* L. *Ohio J.Sci.* 83: 90 (ABS).
- EcoReference No.: 7269
Chemical of Concern: ATZ,MTL; Habitat: A; Effect Codes: GRO; Rejection Code: NO ABSTRACT(ALL CHEMS).
- Pandey, J. and Verma, A. K. (2002). Effect of Atrazine, Metribuzin, Sulfosulfuron and Tralkoxydim on Weeds and Yield of Wheat (*Triticum aestivum*). *Indian J.Agron.* 47: 72-76.
- EcoReference No.: 82042
Chemical of Concern: ATZ,MBZ,SFS,TKY; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: OK TARGET(ATZ),OK(ALL CHEMS).
- Pantera, H. (1970). The Effect of Herbicides on Algae in the Soil. *Meded.Fac.Landbouwkd.Toegep.Biol.Wet.Univ.Gent* 35: 847-854.
- EcoReference No.: 59594
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: NO

ENDPOINT(SZ),TARGET(ATZ).

Paris, D. F., Lewis, D. L., Barnett, J. T. Jr., and Baughman, G. L. (1975). Microbial Degradation and Accumulation of Pesticides in Aquatic Systems. *EPA-660/3-75-007, U.S.EPA, Corvallis, OR* 46 p.

EcoReference No.: 78294

Chemical of Concern: ATZ,PRN,DZ,Captan,CBL,MLN,24DXY,TXP,MXC; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS) .

Parochetti, J. V. (1974). Canada Thistle Control with Atrazine. *Weed Sci.* 22: 28-31.

EcoReference No.: 43549

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: OK TARGET(ATZ).

Parochetti, J. V. (1974). Cyprazine, Cyanazine, and Atrazine for Weed Control in Corn. *Proc.Northeast.Weed Sci.Soc.* 28: 1-6.

EcoReference No.: 41359

Chemical of Concern: ATZ,CZE; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Parochetti, J. V., Burt, G. W., and Bell, A. W. (1976). Triazines, Acetanilides, and Several Other Herbicides for Weed Control in Corn. *Proc.Northeast.Weed Sci.Soc.* 30: 48-54.

EcoReference No.: 40658

Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: NO ENDPOINT(TARGET-ATZ).

Paromienskaja, L. N. (1975). Influence of Triazines on Rhizobium lupini and Their Relation with Plants. *Rocz.Glebozn.* 26: 131-135.

EcoReference No.: 71305

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: TARGET(SZ,ATZ).

Patil, B. N., Panchal, Y. C., and Patil, V. S. (1983). Efficiency of Chemical and Cultural Methods of Weed Control in Rabi Sorghum Under Irrigated Conditions. *Mysore J.Agric.Sci.* 17: 230-234.

EcoReference No.: 70532

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).

Paulov, S. (1976). The Effects of the Herbicides Burex, Zeazin-50, and Aminex on the Development of Amphibia (Ucinky Herbicidov Burex, Zeazin-50 a Aminex Na Vyvoj Obojzivelnikov). *Agrochemia* 16: 102-103 (SLO) (ENG ABS).

EcoReference No.: 7883

Chemical of Concern: ATZ,PYZ; Habitat: A; Effect Codes: GRO; Rejection Code: NO FOREIGN.

Pawlak, J. A., Kells, J. J., Barrett, M., and Meggitt, W. F. (1987). Effect of Atrazine Residue on Soybean Growth Under Three Tillage Systems and Various Herbicides. *Weed Technol.* 1: 140-144.

EcoReference No.: 80057

Chemical of Concern: ATZ,ACR,PAQT,MBZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(ATZ).

Pearson, N. and Crossland, N. O. (1996). Measurement of Community Photosynthesis and Respiration in Outdoor Artificial Streams. *Chemosphere* 32: 913-919.

EcoReference No.: 18558

Chemical of Concern: ATZ,HCCH; Habitat: A; Effect Codes: POP,PRS,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Peichl, L., Lay, J. P., and Korte, F. (1985). Effects of Atrazine and 2,4-Dichlorophenoxyacetic acid to the Population Density of Phyto- and Zooplankton in an Aquatic Outdoor System. *J. Water Wastewater Res.* 18: 217-222(GER) (ENG ABS).

EcoReference No.: 4178

Chemical of Concern: 24DXY,ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS).

Peichl, L., Lay, J. P., and Korte, F. (1984). Effects of Dichlobenil and Atrazine to the Population Density of Zooplankton in an Aquatic Outdoor System (Wirkung von Dichlobenil und Atrazin auf die Populationsdichte von Zooplankton in Einem Aquatischen Freilandssystem). *Z. Wasser-Abwasser-Forsch.* 17: 134-145 (GER) (ENG ABS).

EcoReference No.: 11408

Chemical of Concern: ATZ,DBN; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS).

Penner, D. and Early, R. W. (1972). Effect of Atrazine on Chromatin Activity in Corn and Soybean. *Weed Sci.* 20: 367-370.

EcoReference No.: 41350

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: OK TARGET(ATZ).

Penner, D., Leep, R. H., Roggenbuck, F. C., and Lempke, J. R. (1993). Herbicide Efficacy and Tolerance in Sweet White Lupin. *Weed Technol.* 7: 42-46.

EcoReference No.: 73750

Chemical of Concern: MTL,EFS,CZE,IMQ,ATZ,HFP,FZF,SXD,PYZ,ACR,LNR,PDM,DDP,SZ,MBZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(SXD,SZ,PYZ,ATZ).

Percich, J. A. and Lockwood, J. L. (1978). Interaction of Atrazine with Soil Microorganisms: Population Changes and Accumulation. *Can.J.Microbiol.* 24: 1145-1152.

EcoReference No.: 65291

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(ATZ).

Pereira, J. L., Da Silva, A. A., Picanco, M. C., De Barros, E. C., and Jakelaitis, A. (2005). Effects of Herbicide and Insecticide Interaction on Soil Entomofauna Under Maize Crop. *J. Environ. Sci. Health Part B* 40: 45-54.

EcoReference No.: 79698

Chemical of Concern: CPY,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Pestemer, W. and Auspurg, B. (1989). Eignung eines Testpflanzensortiments zur Risikoabschätzung von Stoffwirkungen auf Höhere Pflanzen im Rahmen des Chemikaliengesetzes. *Nachrichtenbl.Deut.Pflanzenschutzd.* 38 : 120-125 (OECDG Data File).

EcoReference No.: 56303

Chemical of Concern: DBN,HCCH,PCP,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO

FOREIGN.

Peters, J. W. and Cook, R. M. (1973). Effects of Atrazine on Reproduction in Rats. *Bull.Environ.Contam.Toxicol.* 9: 301-304.

EcoReference No.: 38319

Chemical of Concern: ATZ; Habitat: T; Effect Codes: REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Peters, R. A. and Dest, W. M. (1973). Glyphosate for Perennial Sod Kill in No-Tillage Corn. *Proc.Northeast.Weed Sci.Soc.* 27: 1-6.

EcoReference No.: 41105

Chemical of Concern: ATZ,SZ,GYP,PAQT; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: OK TARGET(ATZ,SZ),OK(GYP,PAQT).

Petersen, J. L., Potter, R. L., and Ueckert, D. N. (1983). Evaluation of Selected Herbicides for Manipulating Herbaceous Rangeland Vegetation. *Weed Sci.* 31: 735-739 .

EcoReference No.: 41029

Chemical of Concern: 24DXY,ATZ,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Pfahler, F. (1938). Versuche Uber Die Wirkungzusatzlicher Auxin-(Heteroauxin) Gaben Auf Das Wachstum Intakter Pflanzen. *Jar Wis Bot* 86: 675-719.

EcoReference No.: 27000

Chemical of Concern: ATZ; Habitat: T; Rejection Code: NO FOREIGN.

Philbrook, B. D., Kremer, M., Mueller, K. H., and Deege, R. (1999). BAY MKH 3586 - a New Herbicide for Broad Spectrum Weed Control in Corn (Maize) and Sugar Cane. *Brighton Conf.- Weeds* 1: 29-34.

EcoReference No.: 76043

Chemical of Concern: ACB,MBZ,TET,AMTR,ATZ,CZE; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS,TARGET-ATZ).

Pierce, P. C., Frey, J. E., and Yawn, H. M. (1965). Field Evaluations of Newer Aquatic Herbicides. In: *Proc.18th Annu.Meeting Southern Weed Conf.* 497-506.

EcoReference No.: 8258

Chemical of Concern: SZ,ATZ,PMT,PAQT; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Pillai, C. G. P. and Davis, D. E. (1973). S-Triazine Effects on Seed Germination and Hypocotyl Hook Opening. *Weed Sci.* 21: 461-464.

EcoReference No.: 41225

Chemical of Concern: SZ,PMT,AMTR,ATZ,PRO,PPZ; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ,SZ).

Pillai, P., Weete, J. D., Diner, A. M., and Davis, D. E. (1979). Atrazine Metabolism in Box Crabs. *J.Environ.Qual.* 8: 277-280.

EcoReference No.: 15023

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

Ploszynski, M. and Zurawski, H. (1971). The Phytotoxic Action of Triazine Herbicides on Flax, Beets, and Buckwheat Seedlings, and Some Physiological Changes Connected with It. *Acta Agrobot.* 24: 206-215.

EcoReference No.: 25867

Chemical of Concern: SZ,PPZ,ATZ,PRO,PMT; Habitat: T; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).

Poleksic, V., Karan, V., Dulic, Z., Elezovic, I., and Neskovic, N. (1997). Herbicides Toxicity to Fish: Histopathological Effects. *Pesticide* 12: 257-268.

EcoReference No.: 71612

Chemical of Concern: ATZ,DBN,24DXY,GYP; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).

Pons, R. and Pussard, M. (1980). The Action of Herbicide on Free Amoebas (Rhizopoda, Protozoa). Preliminary Study. *Acta Oecol.Oecol.Appl.* 1: 15-20 (FRE) (ENG ABS).

EcoReference No.: 2746

Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(ALL CHEMS).

Popovici, I., Stan, G., Stefan, V., Tomescu, R., Dumea, A., Tarta, A., and Dan, F. (1977). The Influence of Atrazine on Soil Fauna. *Pedobiologia* 17: 209-215.

EcoReference No.: 57077

Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Pott, E. (1980). The Reduction of Food Uptake of *Daphnia pulex* - a New Indicator of Sub-lethal Toxic Stress (Die Hemmung der Futteraufnahme von *Daphnia pulex* - eine neue Limnotoxikologische Meßgröße). *Z.Wasser-Abwasser-Forsch.* 13: 52-54 (GER) (ENG ABS).

EcoReference No.: 6711

Chemical of Concern: ATZ; Habitat: A; Effect Codes: BEH,REP; Rejection Code: NO FOREIGN.

Prasad, K. and Singh, R. S. (1995). Influence of Weed-Control Measures on Weed Growth, Nutrient Uptake and Tuber Yield of Potato (*Solanum tuberosum*). *Indian J.Agric.Sci.* 65: 46-48.

EcoReference No.: 80528

Chemical of Concern: ACR,ATZ,OXF,PDM,GYP; Habitat: T; Effect Codes: GRO,BCM,POP; Rejection Code: TARGET(ATZ).

Prasad, P. V. D. and Chowdary, Y. B. K. (1981). Effects of Metabolic Inhibitors on the Calcification of a Freshwater Green Alga, *Gloeotaenium ioitlesbergarianum* Hansgirg. 1. Effects of Some Photosynthetic and Respiratory Inhibitors. *Ann.Bot.* 47: 451-459.

EcoReference No.: 15634

Chemical of Concern: ATZ,DU,As,NP,HgCl₂; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Pratt, J. R., Melendez, A. E., Barreiro, R., and Bowers, N. J. (1997). Predicting the Ecological Effects of Herbicides. *Ecol.Appl.* 7: 1117-1124.

EcoReference No.: 69625

Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,SYS; Rejection Code: NO DURATION(ATZ).

Primiani, M. M., Cotterman, J. C., and Saari, L. L. (1990). Resistance of Kochia (Kochia Scoparia) to Sulfonylurea and Imidazolinone Herbicides. *Weed Technol J Weed Sci Soc Am* 4: 169-172.

EcoReference No.: 44179

Chemical of Concern: ATZ,DU,BMN; Habitat: T; Effect Codes: MOR; Rejection Code: NO
ENDPOINT(TARGET-ATZ).

Pylypiw, H. M. Jr., Bugbee, G. J., and Frink, C. R. (1993). Uptake of Pre-emergent Herbicides by Corn: Distribution in Plants and Soil. *Bull.Environ.Contam.Toxicol.* 50: 474-478.

EcoReference No.: 53347

Chemical of Concern: ACR,ATZ,MTL; Habitat: T; Effect Codes: ACC; Rejection Code: NO
ENDPOINT(MTL),TARGET(ATZ).

Radke, V. L. and Grau, C. R. (1986). Effects of Herbicides on Carpogenic Germination of Sclerotinia sclerotiorum. *Plant Dis.* 70: 19-23.

EcoReference No.: 70401

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,REP; Rejection Code:
TARGET(SZ,ATZ).

Radosevich, S. R. (1977). Mechanism of Atrazine Resistance in Lambsquarters and Pigweed. *Weed Sci.* 25: 316-318.

EcoReference No.: 43018

Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,ACC; Rejection Code: OK TARGET(ATZ).

Rahman, A., Manson, B. E., and Burney, B. (1976). Effect of Phosphorus on Phytotoxicity and Residual Activity of Atrazine. *Proc.N.Z.Weed Pest Control Conf.* 29: 124-128 .

EcoReference No.: 25978

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(ATZ).

Rajagopal, A., Velu, G., and Ravi, K. B. (1994). Effect of the Atrazine Residue Management on Weeds in the Maize-Soybean Cropping System. *Int.J.Trop.Agric.* 12: 67-70.

EcoReference No.: 79716

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).

Ramakrishna, A., Ong, C. K., and Reddy, S. L. N. (1991). Studies on Integrated Weed Management in Sorghum. *Trop.Pest Manag.* 37: 159-161.

EcoReference No.: 73786

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

Randhawa, S. K., Gill, H. S., and Sandhu, K. S. (1988). Effects of Herbicides on Protein Content in Grain of Winter Maize (Zea mays L.). *J.Res.Punjab Agric.Univ.* 25: 35-36.

EcoReference No.: 70810

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM,POP; Rejection Code:
TARGET(SZ,ATZ).

Randhawa, S. K., Gill, H. S., and Sandhu, K. S. (1989). Studies on Soil Persistence of Atrazine and Simazine Applied to Maize. *J.Res.Punjab Agric.Univ.* 26: 379-380.

- EcoReference No.: 70439
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(SZ,ATZ).
- Ranells, N. N. and Waggoner, M. G. (1993). Crimson Clover Reseeding Potential as Affected by s-Triazine Herbicides. *J.Prod.Agric.* 6: 90-93.
- EcoReference No.: 70085
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(SZ,ATZ).
- Rani, U. and Sakri, F. A. K. (1978). Effect of Subtoxic Applications of Atrazine and Simazine on the Nitrogenous Components of the Developing Kernels of Two Wheat Varieties. *Indian J.Agric.Sci.* 48: 165-175.
- EcoReference No.: 43849
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: OK TARGET(ATZ,SZ).
- Ravetta, D., Vilela, A., Wassner, D., and Ciano, N. (2002). Tolerance of *Grindelia chiloensis* (Asteraceae) to Pre- and Postemergence Herbicides. *Ind.Crops Prod.* 15: 207-211.
- EcoReference No.: 74198
Chemical of Concern: MTL,NFZ,DU,PMT,TFN,ATZ; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK(MTL),TARGET(ATZ).
- Reeves, S. A. Jr. (1977). Evaluations of Selected Pre- and Postemergence Chemicals on Weed Control and Phytotoxicity to Eight Sugarcane Varieties. *Proc.South.Weed Sci.Soc.* 30: 130-132.
- EcoReference No.: 41315
Chemical of Concern: ATZ,HXZ,DMM,DMB,MBZ,TET,TRB,TFN; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,DMB).
- Regehr, D. L. and Janssen, K. A. (1989). Preplant Weed Control in a Ridge-Till Soybean (*Glycine max*) and Grain Sorghum (*Sorghum bicolor*) Rotation. *Weed Technol.* 3: 621-626.
- EcoReference No.: 73906
Chemical of Concern: MTL,DMM,MBZ,PDM,CZE,GYP,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL,ATZ).
- Reichert, K. and Menzel, R. (2005). Expression Profiling of Five Different Xenobiotics Using a *Caenorhabditis elegans* Whole Genome Microarray. *Chemosphere* 61: 229-237 .
- EcoReference No.: 81717
Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Reinhardt, C. F. and Nel, P. C. (1993). Quantitative Bioassays for Monitoring the Dissipation of Atrazine in Soil. *S.Afr.J.Plant Soil* 10: 58-62.
- EcoReference No.: 81151
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ).
- Renosto, F., Nardi, S., and Ferrari, G. (1979). Atrazine Inhibition of Ion Uptake by Plant Roots. *Pestic.Biochem.Physiol.* 11: 243-246.
- EcoReference No.: 41797
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ATZ).

Rice, P. J., Anderson, T. A., and Coats, J. R. (1997). Phytoremediation of Herbicide-Contaminated Surface Water with Aquatic Plants. In: *E.L.Kruger, T.A.Anderson, and J.R.Coats (Eds.), Phytoremediation of Soil and Water Contaminants, Chapter 10, ACS Symp.Ser.664* 133-151.

EcoReference No.: 20369

Chemical of Concern: ATZ,MTL; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(ALL CHEMS).

Richardson, L. T. (1970). Effects of Atrazine on Growth Response of Soil Fungi. *Can.J.Plant Sci.* 50: 594-596.

EcoReference No.: 59634

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Ritter, R. L., Kaufman, L. M., Monaco, T. J., Novitzky, W. P., and Moreland, D. E. (1989). Characterization of Triazine-Resistant Giant Foxtail (*Setaria faberi*) and Its Control in No-Tillage Corn (*Zea mays*). *Weed Sci.* 37: 591-595.

EcoReference No.: 70090

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(SZ,ATZ).

Roberts, L. and Harris, D. C. (1972). Use of Terbacil, Atrazine and Other Herbicides in Bush Rose Production. *Proc.Br.Weed Control Conf.* 11: 632-634.

EcoReference No.: 25018

Chemical of Concern: ATZ,TRB,SZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,CONTROL(SZ),TARGET(ATZ).

Robinson, A. G. (1961). Effects of Amitrole, Zytron and Other Herbicides or Plant Growth Regulators on the Pea Aphid, *Acyrtosiphon pisum* (Harris), Caged on Broad Vean, *Vicia faba* L. *Can.J.Plant Sci.* 41: 413-417.

EcoReference No.: 70854

Chemical of Concern: SZ,ATZ,AMTL; Habitat: T; Effect Codes: MOR,REP; Rejection Code: NO ENDPOINT(SZ,ATZ).

Rolston, M. P. and Archie, W. J. (1990). Herbicide Tolerance of Established Tall Fescue and Phalaris Seed Crops. *Proc.43rd N.Z.Weed Pest Control Conf.* 134-137.

EcoReference No.: 71216

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(SZ,ATZ).

Romney, D. H. (1965). Further Experiments with Herbicides on Young Coconuts. *Trop.Agric.* 42: 177-181.

EcoReference No.: 42330

Chemical of Concern: NaClO,24DXY,MCPB,ATZ,DV; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS,MCPB-TARGET).

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

EcoReference No.: 73987

Chemical of Concern:

MTL,TFN,PDM,EFL,FZF,SXD,PCH,ATZ,CPR,DCPA,NPP,24DXY,DMB,OXF,24DB,EPTC,OYZ,DU,M BZ,DMM,OXF,BMN; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL),TARGET(SXD,DMB,ATZ).

Rout, D. and Satapathy, M. R. (1996). Chemical Weed Control in Rainfed Maize (*Zea mays*). *Indian J.Agron.* 41: 51-53.

EcoReference No.: 73971

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

Rupassara, S. I., Larson, R. A., Sims, G. K., and Marley, K. A. (2002). Degradation of Atrazine by Hornwort in Aquatic Systems. *Bioremed.J.* 6: 217-224.

EcoReference No.: 78319

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

Russin, J. S., Carter, C. H., and Griffin, J. L. (1995). Effects of Grain Sorghum (*Sorghum bicolor*) Herbicides on Charcoal Rot Fungus. *Weed Technol.* 9: 343-351.

EcoReference No.: 73753

Chemical of Concern: MTL,ATZ,ACR; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(MTL),TARGET(ATZ).

Ruth, B. (1997). Chlorophyll Fluorescence Induction Kinetics as a Tool to Determine the Herbicide Effect on Algae and Leaves. *SPIE* 3107: 195-206.

EcoReference No.: 71613

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

Ruth, B. (1996). Effects of PS II-Herbicides on Algae Grown in Ponds and Measured by the 10 ms Resolved Chlorophyll Fluorescence Induction Kinetics. *Arch.Hydrobiol.* 136: 1-17.

EcoReference No.: 19837

Chemical of Concern: ATZ,Cu; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

Ryan, G. F. (1970). Resistance of Common Groundsel to Simazine and Atrazine. *Weed Sci.* 18: 614-616.

EcoReference No.: 72261

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Saayman, A. E. J. (1996). Control of *Cyperus esculentus* and Other Weeds in Maize with Servian. *Appl.Plant Sci.* 10: 48-51.

EcoReference No.: 73982

Chemical of Concern: MTL,ATZ,EPTC; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),TARGET(ATZ).

Sabater, C. and Carrasco, J. M. (2001). Effects of the Organophosphorus Insecticide Fenitrothion on Growth in Five Freshwater Species of Phytoplankton. *Environ.Toxicol.* 16: 314-320.

EcoReference No.: 60974

Chemical of Concern: MLT,TBC,CSF,ATZ,FNT; Habitat: A; Effect Codes: GRO,ACC; Rejection Code: NO PUBL AS(MLT,ATZ).

Sabater, C., Cuesta, A., and Carrasco, R. (2002). Effects of Bensulfuron-Methyl and Cinosulfuron on Growth of Four Freshwater Species of Phytoplankton. *Chemosphere* 46: 953-960.

- EcoReference No.: 65850
Chemical of Concern: MLT,FNT,CSF,ATZ,BSFM; Habitat: A; Effect Codes: GRO,ACC; Rejection Code: NO PUBL AS(MLT,ATZ).
- Sairam, R. K., Prabhu, S. S., and Tomer, P. S. (1988). Effect of Atrazine and 2,4-D on Nitrate Reductase Activity and Growth of Sorghum. *Indian J.Plant Physiol.* 31: 140-144.
- EcoReference No.: 80520
Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: BCM,GRO,POP,PHY; Rejection Code: TARGET(ATZ).
- Sajjaphan, K., Shapir, N., Judd, A. K., Wackett, L. P., and Sadowsky, M. J. (2002). Novel psbA1 Gene from a Naturally Occurring Atrazine-Resistant Cyanobacterial Isolate. *Appl.Environ.Microbiol.* 68: 1358-1366.
- EcoReference No.: 78667
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: POP,PHY,BCM,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Salzman, F. P. and Renner, K. A. (1992). Response of Soybean to Combinations of Clomazone, Metribuzin, Linuron, Alachlor, and Atrazine. *Weed Technol.* 6: 922-929.
- EcoReference No.: 80073
Chemical of Concern: CMZ,MBZ,LNR,ACR,ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(ATZ).
- Samson, G. and Popovic, R. (1988). Use of Algal Fluorescence for Determination of Phytotoxicity of Heavy Metals and Pesticides as Environmental Pollutants. *Ecotoxicol.Environ.Saf.* 16: 272-278.
- EcoReference No.: 13246
Chemical of Concern: ATZ,CPY,DU,CuS; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: NO CONTROL(ALL CHEMS).
- Sandhu, K. S., Mehra, S. P., and Gill, H. S. (1986). Studies on Weed Control in Winter Maize (Zea mays L.) Through Herbicides. *J.Res.Punjab Agric.Univ.* 23: 549-556.
- EcoReference No.: 70267
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Sandhu, K. S., Singh, T., and Gill, H. S. (1988). Herbicidal Control of Weeds in Pearl-Millet for Grain. *J.Res.Punjab Agric.Univ.* 25: 32-34.
- EcoReference No.: 79717
Chemical of Concern: ATZ,LNR,SZ,PDM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).
- Sandhu, K. S., Singh, T., Gill, H. S., and Thind, I. S. (1987). Bioefficacy of Some Herbicides for Weed Control in Sorghum Grown for Fodder and Grain. *J.Res.Punjab Agric.Univ.* 24: 376-381.
- EcoReference No.: 70111
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).
- Santakumari, M. and Das, V. S. R. (1978). Herbicidal Interferences with the Photochemical Activities of Chloroplasts (In Vivo and In Vitro) of Certain Crop and Weed Species. *Pest.Biochem.Physiol.* 9: 119-129.
- EcoReference No.: 41795

- Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Santakumari, M. and Padmavathamma, G. (1985). Influence of Triazine and Urea Herbicides on Etiolated Seedlings of Some Crop Plants. *Pesticides* 19: 38-41.
- EcoReference No.: 70705
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(SZ,ATZ).
- Santelmann, P. W. and Evetts, L. (1971). Germination and Herbicide Susceptibility of Six Pigweed Species. *Weed Sci.* 19: 51-54.
- EcoReference No.: 41641
Chemical of Concern: LNR,DU,24DB,ATZ,DMB,PAQT,FMU,PMT; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: OK(PMT),NO ENDPOINT(24DB,ATZ,DMB,PAQT,FMV).
- Sanyal, D., Sarkar, B., and Mitra, S. K. (1989). Herbicidal Weed Control in Banana. *Pesticides* 23: 29-33.
- EcoReference No.: 70703
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,ATZ).
- Sarpe, N. (1976). Experimental Results Obtained with the Herbicide Dual, Associated with Gesaprim and Venzar, in Controlling Weeds in Maize and Beet Crops. *Pro Veg Teh* 28: 23-29.
- EcoReference No.: 26594
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Sasaki, S. and Kozlowski, T. T. (1968). Effects of Herbicides on Seed Germination and Early Seedling Development of Pinus Resinosa. *Bot.Gaz.* 129: 238-246.
- EcoReference No.: 43872
Chemical of Concern: ATZ,24DXY,EPTC; Habitat: T; Effect Codes: REP,MOR; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Sasaki, S., Kozlowski, T. T., and Torrie, J. H. (1968). Effect of Pretreatment of Pine Seeds with Herbicides on Seed Germination and Growth of Young Seedlings. *Can.J.Bot.* 46: 255-262.
- EcoReference No.: 78675
Chemical of Concern: PPZ,EPTC,ATZ,SZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(ATZ).
- Satao, R. N., Nalamwar, R. V., Solanke, V. M., and Ingole, P. G. (1993). Studies on Yield and Uptake of Nitrogen, Phosphorus and Potassium by Weeds and Sorghum as Influenced by Weed Control Treatments. *P.K.V.Res.J.* 17: 130-134.
- EcoReference No.: 81145
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(ATZ).
- Satchivi, N. M., Wax, L. M., Stoller, E. W., and Briskin, D. P. (2000). Absorption and Translocation of Glyphosate Isopropylamine and Trimethylsulfonium Salts in Abutilon theophrasti and Setaria faberi. *Weed Sci.* 48: 675-679.
- EcoReference No.: 59645
Chemical of Concern: GYP,ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

Sato, F., Takeda, S., and Yamada, Y. (1987). A Comparison of Effects of Several Herbicides on Photoautotrophic, Photomixotrophic and Heterotrophic Cultured Tobacco Cells and Seedlings. *Plant Cell Rep.* 6: 401-404.

EcoReference No.: 79723

Chemical of Concern: ATZ,Du,PPN,PAQT,GYP,NaClO₃,DTP,NPH,24DXY; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Scarponi, L. and Perucci, P. (1986). Effect of Some s-Triazine Herbicides on Phosphatases from Corn (Zea mays) Roots. *Weed Sci.* 34: 807-810.

EcoReference No.: 70438

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(SZ,ATZ).

Scarponi, L., Perucci, P., and Marucchini, C. (1989). Effect of Alachlor, Metolachlor, Atrazine and Simazine Residues on Some Enzyme Activities of Maize Tissues. *Agrochimica* 33: 403-411.

EcoReference No.: 71312

Chemical of Concern: ATZ,SZ,ACR,MTL; Habitat: T; Effect Codes: GRO,ACC,BCM; Rejection Code: LITE EVAL CODED(MTL),TARGET (SZ,ATZ).

Scattini, W. J. (1978). Atrazine Tolerance in Fine Tropical Pasture Grasses. *Trop Grassl* 12: 35-39.

EcoReference No.: 26576

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Scheunert, I. and Korte, F. (1985). Interactions in the Fate of Chemicals in Terrestrial Systems. *Ecotoxicol.Environ.Saf.* 9: 385-391.

EcoReference No.: 78663

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

Scheunert, I., Qiao, Z., and Korte, F. (1986). Comparative Studies of the Fate of Atrazine-14C and Pentachlorophenol-14C in Various Laboratory and Outdoor Soil-Plant Systems. *J.Environ.Sci.Health Part B* 21: 457-485.

EcoReference No.: 53940

Chemical of Concern: PCP,ATZ; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: TARGET(ATZ).

Schirman, R. and Buchholtz, K. P. (1966). Influence of Atrazine on Control and Rhizome Carbohydrate Reserves of Quackgrass. *Weeds* 14: 233-236.

EcoReference No.: 42443

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: OK TARGET(ATZ).

Schmenk, R. and Kells, J. J. (1998). Effect of Soil-Applied Atrazine and Pendimethalin on Velvetleaf (Abutilon theophrasti) Competitiveness in Corn. *Weed Technol.* 12: 47-52.

EcoReference No.: 72879

Chemical of Concern: ATZ,PDM; Habitat: T; Effect Codes: GRO,MPH,REP; Rejection Code: TARGET(ATZ).

Schober, U. and Lampert, W. (1976). Effects of Sublethal Concentrations of a Herbicide on Daphnia. *Naturwissenschaften* 63: 241-242.

EcoReference No.: 15934

- Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Schocken, M. J. and Speedie, M. K. (1982). Interaction of Higher Marine Fungi with the Herbicide Atrazine. II. Sorption of Atrazine to Four Species of Marine Fungi. *Bull.Environ.Contam.Toxicol.* 29: 101-106.
- EcoReference No.: 65583
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Schocken, M. J. and Speedie, M. K. (1984). Physiological Aspects of Atrazine Degradation by Higher Marine Fungi. *Arch.Environ.Contam.Toxicol.* 13: 707-714.
- EcoReference No.: 4798
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Schrader, K. K., Dayan, F. E., and Nanayakkara, N. P. D. (2005). Generation of Reactive Oxygen Species by a Novel Anthraquinone Derivative in the Cyanobacterium *Planktothrix perornata* (Skuja). *Pestic.Biochem.Physiol.* 81: 198-207.
- EcoReference No.: 81279
Chemical of Concern: PAQT,ATZ; Habitat: A; Effect Codes: PHY,BCM,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Schrader, K. K., De Regt, M. Q., Tucker, C. S., and Duke, S. O. (1997). A Rapid Bioassay for Selective Algicides. *Weed Technol.* 11: 767-774.
- EcoReference No.: 69995
Chemical of Concern: EDT,ATZ,DU,PAQT,FDE; Habitat: A; Effect Codes: POP; Rejection Code: OK(DU,PAQT,FDE),NO ENDPOINT(ATZ).
- Schuler, L. J., Trimble, A. J., Belden, J. B., and Lydy, M. J. (2005). Joint Toxicity of Triazine Herbicides and Organophosphate Insecticides to the Midge *Chironomus tentans*. *Arch.Environ.Contam.Toxicol.* 49: 173-177.
- EcoReference No.: 81665
Chemical of Concern: SZ,CZE,HXZ,DIATZ,DEATZ,DZ,CPY,ATZ; Habitat: A; Effect Codes: BEH; Rejection Code: OK(DZ.CPY),NO MIXTURE(SZ,CZE,HXZ,DIATZ,DEATZ,ATZ).
- Schuytema, G. S., Nebeker, A. V., and Griffis, W. L. (1994). Effects of Dietary Exposure to Forest Pesticides on the Brown Garden Snail *Helix aspersa* Muller. *Arch.Environ.Contam.Toxicol.* 26: 23-28.
- EcoReference No.: 54011
Chemical of Concern: ATZ,CBL,ACP,GYP,HXZ,PCL,FNT,MP,PAQT,TCF; Habitat: T; Effect Codes: GRO,BEH,ACC; Rejection Code: NO ENDPOINT(ATZ),OK(ACP,GYP,HXZ,PCL,CBL,FNT,MP,PAQT,TCF).
- Schwab, C. L., Fan, R., Zheng, Q., Myers, L. P., Hebert, P., and Pruett, S. B. (2005). Modeling and Predicting Stress-Induced Immunosuppression in Mice Using Blood Parameters. *Toxicol.Sci.* 83: 101-113.
- EcoReference No.: 78774
Chemical of Concern: ATZ,PPN; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Scott, A. W. Jr. and Reeves, S. A., Jr. (1977). Evaluation of Selected Pre and Postemergence Weed Control

- Treatments in Sugarcane. *Proc.South.Weed Sci.Soc.* 30: 125-129 .
- EcoReference No.: 40807
Chemical of Concern: ATZ,HXZ,DMM,DMB,PDM,TET,TFN; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Scudder, W. T. (1963). Evaluation of Herbicides for Soybeans on Central Florida Organic Soils. *Fla.Agric.Exp.Stn.Bull.* 650: 3-36.
- EcoReference No.: 42227
Chemical of Concern: ATZ,DU,SZ,AMTL,NaPCP,EPTC,24DXY,PPZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK(NaPCP,EPTC),NO ENDPOINT(SZ,AMTL,ATZ,DU,24DXY,PPZ).
- Selim, S. A., O'Neal, S. W., Ross, M. A., and Lembi, C. A. (1989). Bioassay of Photosynthetic Inhibitors in Water and Aqueous Soil Extracts with Eurasian Watermilfoil (*Myriophyllum spicatum*). *Weed Sci.* 37: 810-74.
- EcoReference No.: 69997
Chemical of Concern: SZ,ATZ; Habitat: AT; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Selleck, G. W. and Sanok, W. J. (1977). Herbicides for Weed Control in Sweet Corn and Cabbage. *Proc.Northeast.Weed Sci.Soc.* 31: 256-260.
- EcoReference No.: 40641
Chemical of Concern: ATZ,CZE,ACR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Semov, V. and Iosifov, D. (1973). Toxicity of Some Bulgarian Pesticides Studied with the Test Organism *Daphnia magna*. *Tr.Nauchnoizsled.Inst.Vodosnabdyavane, Kanaliz.Sanit.Tekh.* 9: 159-167 (BUL) (ENG ABS).
- EcoReference No.: 8970
Chemical of Concern: SZ,ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).
- Shamaan, N. A., Desa, S., Omar, I., Kusnan, M., and Omar, H. (2000). Freshwater Algae as a Biological Marker II. Suitability of *Chlorella vulgaris* as a Test Organism for the Toxicity of Photosystem II Herbicides Using Chlorophyll Fluorescence. *Malaysian J.Biochem.Mol.Biol.* 5: 14-17.
- EcoReference No.: 73214
Chemical of Concern: SZ,ATZ,DU; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Sharaky, M. M. and El Gandour, M. A. (1975). The Effect of Atrazine Herbicide on Wheat Photosynthetic Pigments and Photosynthetic Reproductivity. *Ann Agr Sci* 3: 85-99.
- EcoReference No.: 26190
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Sharma, C. B. S. R., Rao, A. A., Murty, K. V., and Raju, D. S. S. (1982). Induced Variation in Chiasma Frequency in Barley in Response to Atrazine & Simazine Treatments. *Indian J.Exp.Biol.* 20: 97-98.
- EcoReference No.: 70504
Chemical of Concern: SZ,ATZ; Habitat: T; Rejection Code: TARGET(SZ,ATZ).
- Sharma, D. P., Ferree, D. C., and Hartman, F. O. (1977). Effect of Some Soil-Applied Herbicides on Net Photosynthesis and Growth of Apple Trees. *Hortscience* 12: 153-154 .

- EcoReference No.: 41304
Chemical of Concern: SZ,DU,ATZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,SZ).
- Sharma, R. K. and Sandhu, K. S. (1985). Residual Effect of Simazine and Atrazine Applied to Maize and Potato on Succeeding Bread Wheat Crop. *J.Res.Punjab Agric.Univ.* 22: 213-219.
- EcoReference No.: 70534
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).
- Sharma, R. K. and Sandhu, K. S. (1985). Residual Effect of Simazine and Atrazine Applied to Two Successive Fodder Maize Crops on Berseem. *J.Res.Punjab Agric.Univ.* 22: 612-616.
- EcoReference No.: 70691
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,ATZ).
- Sharma, V., Thakur, D. R., and Sharma, J. J. (1998). Effect of Metolachlor and Its Combination with Atrazine on Weed Control in Maize (*Zea mays*). *Indian J.Agron.* 43: 677-680.
- EcoReference No.: 73970
Chemical of Concern: MTL,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),TARGET(ATZ).
- Sharpe, S. S., Dickens, R., and Turner, D. L. (1989). Herbicide Effects on Tensile Strength and Rooting of Bermudagrass (*Cynodon dactylon*) Sod. *Weed Technol.* 3: 353-357.
- EcoReference No.: 71369
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: TARGET(SZ,ATZ).
- Shaukat, S. S. (1975). Effects of Simazine, Atrazine and 2,4-D on ¹⁴C₀₂-Fixation and Composition of ¹⁴C Carbon-Assimilates in *Pinus nigra* var. *calabrica* Schneid. *Pak J Botan* 7: 57-65.
- EcoReference No.: 26124
Chemical of Concern: SZ,ATZ,24DXY; Habitat: T; Effect Codes: PHY; Rejection Code: OK TARGET(SZ,ATZ).
- Shaukat, S. S. (1976). Effects of Simazine, Atrazine and 2,4-D on Respiration Rate, Sugar Level and Amylase Activity During Germination of *Pinus nigra* var. *calabrica* Schneid. *Pak.J.Bot.* 8: 37-45.
- EcoReference No.: 29999
Chemical of Concern: SZ,ATZ,24DXY; Habitat: T; Effect Codes: BCM,PHY,GRO; Rejection Code: OK TARGET(SZ,ATZ).
- Shcherban, E. P. (1973). Effect of Atrazine on Biological Parameters and Potential Productivity of *Daphnia magna* and *Moina rectirostris*. *Exp.Water Toxicol.(Eksp.Vodn.Toksikol.)* 4: 80-86 (RUS) (ENG ABS).
- EcoReference No.: 8974
Chemical of Concern: ATZ; Habitat: A; Effect Codes: GRO,REP; Rejection Code: NO FOREIGN(ATZ).
- Shcherban, E. P. (1972). Effect of Low Concentrations of Atrazine and Diuron on the Productivity of Cladocera. *Hydrobiol J.* 8: 54-58.

- EcoReference No.: 9193
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: REP,MOR; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Shcherban, E. P. (1972). The Effect of Low Concentrations of Pesticides on the Development of Some Cladocera and the Abundance of Their Progeny. *Hydrobiol J.6(6):85-89 / Gidrobiol Zh.(Kiev) 6*: 101-105 (1970) (RUS).
- EcoReference No.: 9260
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: GRO,REP; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Sheehan, P. J., Axler, R. P., and Newhook, R. C. (1986). Evaluation of Simple Generic Aquatic Ecosystem Tests to Screen the Ecological Impacts of Pesticides. In: J.Cairns,Jr.(Ed.), *Community Toxicity Testing, ASTM STP 920, Philadelphia, PA* 158-179.
- EcoReference No.: 17164
Chemical of Concern: Cu,Hg,DM,FNT,FNV,MXC,ATZ,24DXY,TRL,TFN; Habitat: A; Effect Codes: POP,SY; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Sheets, T. J. and Shaw, W. C. (1963). Herbicidal Properties and Persistence in Soils of S-Triazines. *Weeds* 11: 15-21.
- EcoReference No.: 41355
Chemical of Concern: SZ,ATZ,PPZ,PRO,PMT; Habitat: T; Effect Codes: PHY; Rejection Code: NO
ENDPOINT(ALL CHEMS).
- Sherban, E. P. (1975). Effect of Several Pesticides on the Quality of Crustacea Progeny. *Samoochischnic Bioproduktivnost Okhrana Vodemovi, Vodotokov Ukrainy Materialy Respublikansko Konferentoi* 109-111 (RUS).
- EcoReference No.: 47
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: REP; Rejection Code: NO FOREIGN.
- Sherwood, L. V. and Kemmerer, H. R. (1964). The Influence of Winter Applied Preemergence Herbicides on Weed Growth Among Woody Ornamental Plants. *J.Am.Soc.Hortic.Sci.* 85: 657-662.
- EcoReference No.: 40885
Chemical of Concern: SZ,ATZ,PMT; Habitat: T; Effect Codes: MOR,PHY,GRO; Rejection Code: NO
ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Shimabukuro, R. H. (1967). Atrazine Metabolism and Herbicidal Selectivity. *Plant Physl* 42: 1269-1276.
- EcoReference No.: 29721
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Shirmunskaja, N. M. and Koltsova, S. S. (1973). Investigation of Permeability of Barley Root Cells in Relation to the Herbicide Atrazine. *Fiziol.Rast.* 20: 151-157 .
- EcoReference No.: 26359
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Shitanda, I., Takada, K., Sakai, Y., and Tatsuma, T. (2005). Compact Amperometric Algal Biosensors for the Evaluation of Water Toxicity. *Anal.Chim.Acta* 530: 191-197.

User 1 Abbreviation: www.sciencedirect.com (1995-Present)

EcoReference No.: 81284

Chemical of Concern: ATZ,BNZ,TOL; Habitat: A; Effect Codes: PHY,BCM,GRO; Rejection Code: NO CONTROL(ALL CHEMS).

Singh, A., Singh, K., and Singh, D. V. (1991). Suitability of Organic Mulch (Distillation Waste) and Herbicides for Weed Management in Perennial Aromatic Grasses. *Trop.Pest Manag.* 37: 162-165.

EcoReference No.: 70282

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(SZ,ATZ).

Sivan, A. and Arad (Malis), S. (1995). A Mutant of the Red Microalga Porphyridium sp. (Rhodophyceae) Resistant to DCMU and Atrazine. *Phycologia* 34: 299-305.

EcoReference No.: 61450

Chemical of Concern: DU,ATZ; Habitat: A; Effect Codes: MOR,PHY,BCM,GRO; Rejection Code: NO ENDPOINT(ATZ),OK(DU).

Skipper, H. D., Gilmour, C. M., and Furtick, W. R. (1967). Microbial Versus Chemical Degradation of Atrazine in Soils. *Soil Sci.Soc.Am.Proc.* 31: 653-656.

EcoReference No.: 54296

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Smit, C. J. (1977). Tolerance of Grape Vines to Herbicides. In: *2nd Proc.Natl.Weeds Conf.S.Afr., A.A.Balkema, Cape Town, S.Africa* 117-124.

EcoReference No.: 70822

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(SZ,ATZ).

Smith, D. and Buchholtz, K. P. (1964). Modification of Plant Transpiration Rate with Chemicals. *Plant Physiol.* 39: 572-578.

EcoReference No.: 42221

Chemical of Concern: ATZ,SZ,24DXY,LNR,TFN,PPZ,AMTR,AMTL,DU; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Smith, D. and Buchholtz, K. P. (1962). Transpiration Rate Reduction in Plants with Atrazine. *Science* 136: 263-264.

EcoReference No.: 42092

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

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

EcoReference No.: 41903

Chemical of Concern: MSMA,FMU,PMT,CNT,DMB,DU,ATZ,24DXY,LNR,PPZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PPZ),OK TARGET(ATZ,DMB),OK(ALL CHEMS).

Smith, D. T., Wiese, A. F., and Cooley, A. W. (1972). Woollyleaf Bursage Response to Selected Herbicides. *Weed Sci.* 20: 554-556.

EcoReference No.: 40682

Chemical of Concern: DMB,MCPA,AMTL,ATZ,PCL,24DXY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ,DMB).

Smith, G. S. and Callahan, L. M. (1968). Herbicidal Phytotoxicity to Emerald Zoysia During Establishment. *Weed Sci.* 6: 312-315.

EcoReference No.: 72634

Chemical of Concern: ATZ,SZ,BS; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(SZ,ATZ).

Smith, G. S. and Callahan, L. M. (1969). The Response of Kentucky Bluegrass to Soil Residues to Preemergence Herbicides. *Weed Sci.* 17: 13-15.

EcoReference No.: 72294

Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(SZ,ATZ).

Somda, Z. C., Mills, H. A., and Phatak, S. C. (1990). Nitrapyrin, Terrazole, Atrazine, and Simazine Influence on Nitrification and Corn Growth. *J.Plant Nutr.* 13: 1179-1194.

EcoReference No.: 70662

Chemical of Concern: SZ,ATZ,NTP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Somda, Z. C., Phatak, S. C., and Mills, H. A. (1990). Nitrapyrin, Terrazole, Atrazine and Simazine Influence on Denitrification and Corn Growth. *J.Plant Nutr.* 13: 1195-1208.

EcoReference No.: 70649

Chemical of Concern: SZ,ATZ,NTP; Habitat: T; Effect Codes: BCM,POP; Rejection Code: TARGET(SZ,ATZ).

Sonnet, P. E., Lye, T. L., and Sackett, R. R. (1978). Effects of Selected Herbicides on the Toxicity of Several Insecticides to Honey Bees. *Environ.Entomol.* 7: 254-256.

EcoReference No.: 35454

Chemical of Concern: CBF,MLN,MP,CBL,DZ,MVP,24DXY,PRN,ATZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS),MIXTURE(ATZ).

Souza Machado, V., Bandeen, J. D., Stephenson, G. R., and Jensen, N. (1977). Differential Atrazine Interference with the Hill Reaction of Isolated Chloroplasts from *Chenopodium album* L. Biotypes. *Weed Res.* 17: 407-414.

EcoReference No.: 42994

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

Spazier, E., Storch, V., and Braunbeck, T. (1992). Cytopathology of Spleen in Eel *Anguilla anguilla* Exposed to a Chemical Spill in the Rhine River. *Dis.Aquat.Org.* 14: 1-22.

EcoReference No.: 9275

Chemical of Concern: ATZ,DS,DDVP,FNT,PRN,PTP,ES,ODL,Zineb; Habitat: A; Effect Codes: CEL,ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).

Spiridonov, Y. Y. and Spiridonova, G. S. (1973). Effect of Long-Term Use of Sym-Triazines on the Biological Activity of the Soil. *Sov.Soil Sci./Agrokhimiya* 3:122-131 5: 162-171.

EcoReference No.: 70141

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,BCM; Rejection Code: TARGET(SZ,ATZ).

Sreenivas, S. S. and Rana, B. C. (1994). Growth and Metabolic Response of Nostoc to Atrazine. *Environ.Ecol.* 12: 214-215.

EcoReference No.: 14438

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

Sreenivas, S. S. and Rana, B. C. (1991). Studies on Detoxication of Triazine Herbicide by Blue-Green Alga Nostoc sp. *Pollut.Res.* 10: 47-48.

EcoReference No.: 13448

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

Stahlman, P. W. and Phillips, W. M. (1979). Inhibition of Glyphosate Phytotoxicity. *Weed Sci.* 27: 575-577.

EcoReference No.: 29010

Chemical of Concern: SZ,ATZ; Habitat: T; Rejection Code: NO MIXTURE(ALL CHEMs except GYP,TARGET-ATZ).

Stevens, P. J. G. and Bukovac, M. J. (1987). Studies on Octylphenoxy Surfactants. Part 2. Effects on Foliar Uptake and Translocation. *Pestic.Sci.* 20: 37-52.

EcoReference No.: 80769

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: TARGET(ATZ).

Stott, K. G. (1965). The Effects of Applying Simazine, Atrazine, Diuron and Monuron for the Control of Weeds in Newly Planted Commercial Willow Beds. *Long Ashton Res.Stn.Rep.* :203-210.

EcoReference No.: 42349

Chemical of Concern: ATZ,DU,SZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).

Stratton, G. W. (1985). Interaction Effects of Mercury-Pesticide Combinations Towards a Cyanobacterium. *Bull.Environ.Contam.Toxicol.* 34: 676-683.

EcoReference No.: 71827

Chemical of Concern: Hg,ATZ,PMR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Stratton, G. W. (1983). Interaction Effects of Permethrin and Atrazine Combinations Towards Several Nontarget Microorganisms. *Bull.Environ.Contam.Toxicol.* 31: 297-303 .

EcoReference No.: 71930

Chemical of Concern: ATZ,PMR; Habitat: A; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Streit, B. (1978). Uptake, Accumulation, and Release of Organic Pesticides by Benthic Freshwater Invertebrates. 1. Reversible Accumulation of Atrazine from Aqueous. *Arch.Hydrobiol.Suppl.* 55: 1-23 (GER) (ENG ABS).

EcoReference No.: 7185

Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO FOREIGN(ATZ).

Streit, B. (1979). Uptake, Accumulation, and Release of Organic Pesticides by Benthic Invertebrates. 3. Distribution of ¹⁴C-Atrazine and ¹⁴C-Lindane in an Experimental Three-Step Food Chain Microcosm. *Arch.Hydrobiol.Suppl.* 55: 373-400.

- EcoReference No.: 79250
Chemical of Concern: HCCH,ATZ; Habitat: A; Effect Codes: ACC,GRO; Rejection Code: NO CONTROL(ALL CHEMS).
- Streit, B. and Schwoerbel, J. (1977). Experimental Studies on the Accumulation and Action of Herbicides in Benthic Freshwater Animals. *Verh.Ges.Oekol.Jahresversamml.77:371-383 (GER) (ENG ABS)*.
- EcoReference No.: 7687
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO FOREIGN(ATZ).
- Stroev, V. S. (1970). The Cytogenetic Activity of the Herbicides Atrazine, Chloro-IPC, and Paraquat. *Genetika* 6: 293-297.
- EcoReference No.: 41681
Chemical of Concern: ATZ,PAQT; Habitat: T; Effect Codes: CEL; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).
- Stroev, V. S. (1970). Cytogenetic Activity of the Herbicides Atrazine, Chloro-Ipc, and Paraquat. *Genetica* 6: 31-37.
- EcoReference No.: 26821
Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).
- Su, Y. H. and Zhu, Y. G. (2005). Influence of Lead on Atrazine Uptake by Rice (*Oryza sativa* L.) Seedlings from Nutrient Solution . *Environ.Sci.Pollut.Res.Int.* 12: 21-27.
- EcoReference No.: 78498
Chemical of Concern: ATZ,Pb; Habitat: AT; Effect Codes: ACC,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Subagja, J. and Snider, R. J. (1981). The Side Effects of Herbicides Atrazine and Paraquat upon *Folsomia candida* and *Tullbergia granulata* (Insecta, Collembola). *Pedobiologia* 22: 141-152.
- EcoReference No.: 54587
Chemical of Concern: ATZ,PAQT; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Sund, K. A. (1964). An Evaluation of Atrazine, Simazine, Monuron and Diuron on Ten Hawaiian Sugar Cane Plantations. *Weeds* 12: 215-219.
- EcoReference No.: 27378
Chemical of Concern: SZ,ATZ,DU; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).
- Suryawanshi, B. M. (1992). Efficiency of Some Weedicides in Controlling of Parthenium. *P.K.V.(Punjabrao Krishi Vidyapeeth) Res.J.* 16: 105-107.
- EcoReference No.: 70147
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(SZ,ATZ).
- Sutton, P., Richards, C., Buren, L., and Glasgow, L. (2002). Activity of Mesotrione on Resistant Weeds in Maize. *Pest Manag.Sci.* 58: 981-984.
- EcoReference No.: 69991
Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(SZ,ATZ).

Svobodova, Z. (1980). Acute Toxicity of Pesticides to Fish (Akutni Toxicita Pesticidu pro Ryby). *Agrochemia* 20: 328-332 (CZE) (Publ in Part As 5607).

EcoReference No.: 5343

Chemical of Concern: ATZ,PSM,CuS; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN.

Svobodova, Z. and Vykusova, B. (1988). Comparing the Sensitivity of Rainbow Trout and Rasbora heteromorpha to Various Toxic Substances (Porovnaní Citlivosti Pstruha Duhového a Razbory Klinoskvrnné k Různým Cizorodým Látkám). *Bul. Vyzk. Ústav Ryb. Hydrobiol. Vodnany* 24: 14-19 (CZE) (ENG ABS).

EcoReference No.: 315

Chemical of Concern: ATZ,MTL; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).

Szabo, R., Keseru, M., Fejes, S., Budai, P., Juhasz, E., and Pongracz, A. (2004). Toxicity of a Dichlorvos Containing Insecticide Formulation and an Atrazine Containing Herbicide Formulation in Chicken Embryos After Individual Administration. *Commun. Agric. Appl. Biol. Sci.* 69: 811-814.

EcoReference No.: 81755

Chemical of Concern: ATZ,DDVP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

Taiwo, L. B. and Oso, B. A. (1997). The Influence of Some Pesticides on Soil Microbial Flora in Relation to Changes in Nutrient Level, Rock Phosphate Solubilization and P Release Under Laboratory Conditions. *Agric. Ecosyst. Environ.* 65: 59-68.

User 1 Abbreviation: (ScienceDirect 1995-Present)

EcoReference No.: 73237

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

Talbert, R. E., Kendig, J. A., Earnest, L. D., Guy, C., Barnes, C. J., Lavy, T. L., Frans, R. E., and Oliver, L. R. (1989). Winter Wheat Response to Carryover from Herbicides Used on Corn, Cotton, Grain Sorghum and Soybeans. *Ark. Agric. Exp. Stn. Res. Ser.* 394: 1-50.

EcoReference No.: 73915

Chemical of Concern:

MTL,ACF,ACR,ATZ,TFN,BFL,BT,BMN,CRM,DU,FNP,FZFP,FSF,HFP,IMQ,IZT,LCF,LNR,MTZ,MBZ,NFZ,MSMA,OXF,PAQT,PDM,PMS,PMT,PYD,QZF,SDX,24DXY,24DB,CLT,CMZ,CZE,DMB,DMM;
Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MTL),TARGET(DMB,ATZ).

Talbert, R. E., Tierney, M. J., Carey III, V. F., and Kitt, M. J. (1994). Field Evaluations of Herbicides on Small Fruit, Vegetable and Ornamental Crops, 1993. *Ark. Agric. Exp. Stn. Res. Ser.* 440: 1-60.

EcoReference No.: 73236

Chemical of Concern: PDM,MTL,TFN,TBC,OXF,EFL,2,4DXY,ATZ,NPP,GYP,BT,MBZ,SXD,DMB;
Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MTL,PHMD),NO MIXTURE(SXD),OK(ALL CHEMS),OK TARGET(DMB,PYZ,ATZ).

Talbert, R. E., Wichert, R. A., Carey III, V. F., Johnson, D. H., Ruff, D. F., and Burgos, N. R. (1993). Field Evaluations of Herbicides on Small Fruit, Vegetable and Ornamental Crops, 1992. *Ark. Agric. Exp. Stn. Res. Ser.* 429: 1-29.

EcoReference No.: 70441

- Chemical of Concern: ATZ,NPP,MTL,PQT,OXF,DU,PDM,BT,TFN,24DXY,OYZ,SZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(MTL),OK(ALL CHEMS),OK TARGET(ATZ).
- Tanaka, J. S., Romanowski, R. R. Jr., Sakuoka, R. T., and Crozier, J. A. Jr. (1974). Herbicide Evaluation Studies with Sweetcorn (*Zea mays* L.) in Hawaii. *Hawaii Agric.Exp.Stn.Res.Rep.* 194: 3-28.
- EcoReference No.: 40613
Chemical of Concern: SZ,ATZ,DU,LNR,PMT,EPTC,24DXP,PCH,BTY; Habitat: T; Effect Codes: GRO,POP,PHY,MOR; Rejection Code: OK TARGET(ATZ,SZ),OK(ALL CHEMS).
- Tanguy, A., Boutet, I., and Moraga, D. (2005). Molecular Characterization of the Glutamine Synthetase Gene in the Pacific Oyster *Crassostrea gigas*: Expression Study in Response to Xenobiotic Exposure and Developmental Stage. *Biochim.Biophys.Acta* 1681: 116-125.
- EcoReference No.: 81758
Chemical of Concern: ATZ,DV,GYP; Habitat: A; Effect Codes: CEL; Rejection Code: NO MIXTURE(ATZ,DU),OK(GYP).
- Taub, F. B. and Dollar, A. M. (1964). A Chlorella-Daphnia Food-Chain Study: The Design of a Compatible Chemically Defined Culture Medium. *Limnol.Oceanogr.* 9: 61-74.
- EcoReference No.: 69626; Habitat: A; Effect Codes: MOR; Rejection Code: NO COC(ATZ).
- Teasdale, J. R. (1985). Avoidance of Herbicide Injury by Placement Between Rows of Polyethylene Mulch. *Hortscience* 20: 871-872.
- EcoReference No.: 73264
Chemical of Concern: MTL,ACR,OYZ,LNR,OXF,ATZ,MBZ,PQT; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: LITE EVAL CODED(MTL),TARGET(ATZ).
- Teasdale, J. R. (1995). Influence of Narrow Row/High Population Corn (*Zea mays*) on Weed Control and Light Transmittance. *Weed Technol.* 9: 113-118.
- EcoReference No.: 73948
Chemical of Concern: ATZ,PAQT,MTL; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(MTL,ATZ).
- Tewari, M. N., Balasimha, D., and Ram, C. (1976). Biochemical Changes in the Germinating Seeds of *Trigonella foenum graecum* L. in Relation to S-Triazine Herbicides. *Biol.Plant.(Praha)* 18: 268-272.
- EcoReference No.: 41794
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(SZ,ATZ).
- Thakur, D. R. and Singh, K. K. (1990). Weed and Fertilizer Management in Rainfed Maize (*Zea mays*) Under Mid-hill Conditions of North-Western Himalayas. *Ind.J.Agric.Sci.* 60: 245-248.
- EcoReference No.: 81290
Chemical of Concern: ATZ,24DXY,PDM; Habitat: T; Effect Codes: GRO,REP,POP; Rejection Code: TARGET(ATZ).
- Thakur, D. R., Singh, K. K., and Thakur, R. C. (1990). Effect of Weed and Fertilizer Management on Nutrient Uptake by Weeds and Maize (*Zea mays* L.) Under Rainfed Conditions. *Indian J.Agron.* 35: 357-360.
- EcoReference No.: 79732
Chemical of Concern: ATZ,PDM; Habitat: T; Effect Codes: ACC,BCM; Rejection Code:

TARGET(ATZ).

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

EcoReference No.: 67240

Chemical of Concern: ATZ,SZ; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Thompson, L. Jr. and Slife, F. W. (1969). Foliar and Root Absorption of Atrazine Applied Postemergence to Giant Foxtail. *Weed Sci.* 17: 251-256.

EcoReference No.: 43865

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: OK TARGET(ATZ).

Timchalk, C., Dryzga, M. D., Langvardt, P. W., Kastl, P. E., and Osborne, D. W. (1990). Determination of the Effect of Tridiphan on the Pharmacokinetics of ¹⁴C Atrazine Following Oral Administration to Male Fischer 344 Rats. *Toxicology* 61: 27-40.

EcoReference No.: 80921

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,CEL,PHY; Rejection Code: NO CONTROL(ATZ).

Trebuil, G. F., Courtois, B., and Herrera, W. (1996). Assessment of Upland Rice Rooting Depth: Does the Herbicide Injection Technique Work? *J.Agron.Crop Sci.* 177: 85-93.

EcoReference No.: 80137

Chemical of Concern: ATZ,DU,MBZ; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(ATZ).

Tsay, R. C. and Ashton, F. M. (1971). Effect of Several Herbicides on Dipeptidase Activity of Squash Cotyledons. *Weed Sci.* 19: 682-684.

EcoReference No.: 41917

Chemical of Concern: AMTL,TFN,DMB,DBN,BS,ATZ,24DXY,EDT; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

Tscheu-Schluter, M. (1976). On the Acute Toxicity of Herbicides to Selected Aquatic Organisms. Part 2. Triazine Herbicides and Amitrole (Zur akuten Toxizitat von Herbiziden Gegenuber Ausgewählten Wasserorganismen Teil 2: Triazinherbizide und Amitrol). *Acta Hydrochim.Hydrobiol.* 4: 153-170 (GER).

EcoReference No.: 6167

Chemical of Concern: ATZ,PMT,SZ,PPZ,AMTR,AMTL; Habitat: A; Effect Codes: POP,MOR; Rejection Code: NO FOREIGN(ALL CHEMS).

Tu, C. M. (1992). Effect of Some Herbicides on Activities of Microorganisms and Enzymes in Soil. *J.Environ.Sci.Health Part B* 27: 695-709.

EcoReference No.: 73261

Chemical of Concern: MTL,ATZ,EFL,LNR,MBZ,TFN,IZT,BTY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),OK(EFL,LNR,MBZ,IZT,BTY,TFN),OK TARGET(ATZ).

Turgut, C. and Fomin, A. (2002). The Ability of Myriophyllum aquaticum (Vell.) Verdcourt in the Uptake and the Translocation of Pesticides via Roots with a View to Using the Plants in Sediment Toxicity Testing. *J.Appl.Bot.* 76: 62-65.

- EcoReference No.: 78496
Chemical of Concern: ATZ,TSF; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL, ENDPOINT(ALL CHEMS).
- Turnbull, C. R. A., Beadle, C. L., West, P. W., and Ottenschlaeger, M. L. (1994). Effect of Post-Planting Application of Granulated Atrazine and Fertiliser on the Early Growth of Eucalyptus nitens. *New For.* 8: 323-333.
- EcoReference No.: 54991
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(ATZ).
- Turner, D. L., Sharpe, S. S., and Dickens, R. (1990). Herbicide Effects of Tensile Strength and Rooting of Centipedegrass Sod. *Hortscience* 25: 541-544.
- EcoReference No.: 70741
Chemical of Concern: SZ,ATZ,SXD; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(SZ,SXD,ATZ).
- Tweedy, B. G. and Loeppky, C. (1968). The Use of 14C-Labeled Glucose, Glucuronate, and Acetate to Study the Effect of Atrazine, Simazine, and Fluometuron on Glucose Catabolism in Selected Plant Pathogenic Fungi. *Phytopathology* 58: 1522-1531.
- EcoReference No.: 70016
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(SZ,ATZ).
- Unamma, R. P. A. and Melifonwu, A. A. (1986). Herbicides for 'Seed' Yam Production from 'Minisett' in the Rainforest Zone of Nigeria. *Weed Res.* 26: 115-120.
- EcoReference No.: 31108
Chemical of Concern: SZ,ACR,BTC,DU,PAQT,FMV,ATZ,LNR,MTL; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(SZ,ATZ).
- Valentine, J. P. and Bingham, S. W. (1976). Influence of Algae on Amitrole and Atrazine Residues in Water. *Can.J.Bot.* 54: 2100-2107.
- EcoReference No.: 624
Chemical of Concern: ATZ,AMTL; Habitat: A; Effect Codes: PHY,ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Valentine, J. P. and Bingham, S. W. (1972). Uptake of Three Herbicides by Four Species of Algae. *Va.J.Sci.* 23: 102 (ABS).
- EcoReference No.: 14742
Chemical of Concern: 24DXY,AMTL,ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ABSTRACT(ALL CHEMS).
- Van der Weij, H. G., Hoogers, B. J., and Blok, E. (1971). Mercaptotriazines Compared with Diuron for Aquatic Weed Control in Stagnant Waters. In: *Proc.3rd Int.Symp on Aquatic Weeds, Eur.Weed Resear.Counc., Wageningen* 149-160.
- EcoReference No.: 14033
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: ACC,GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS).
- Van Himme, M. and Bulcke, R. (1990). Possibilities of Growing Replacing Spring Crops After Failure of Agricultural Spring Crops Treated with Persistent Herbicides. *Med.Fac.Landbouww.Rijksuniv.Gent.* 55:

1141-1155.

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),TARGET(ATZ).

Varsano, R., Rabinowitch, H. D., and Rubin, B. (1992). Mode of Action of Piperonyl Butoxide as Herbicide Synergist of Atrazine and Terbutryn in Maize. *Pestic.Biochem.Physiol.* 44: 174-182.

EcoReference No.: 74923

Chemical of Concern: PPB,ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO MIXTURE(PPB),ENDPOINT(ALL CHEMS,TARGET-ATZ).

Veber, K., Zahradnik, J., Breyl, I., and Kredl, F. (1981). Toxic Effect and Accumulation of Atrazine in Algae. *Bull.EnvIRON.Contam.Toxicol.* 27: 872-876.

EcoReference No.: 4473

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

Vedrine, C., Leclerc, J. C., Durrieu, C., and Tran-Minh, C. (2003). Optical Whole-Cell Biosensor Using Chlorella vulgaris Designed for Monitoring Herbicides. *Biosens.Bioelectron.* 18: 457-463.

EcoReference No.: 70033

Chemical of Concern: SZ,ATZ,DU; Habitat: A; Effect Codes: PHY,POP; Rejection Code: NO CONTROL(ALL CHEMS).

Vengris, J. (1977). Annual Weed Control in Field Corn. *Proc.Northeast.Weed Sci.Soc.* 31: 1-5.

EcoReference No.: 40869

Chemical of Concern: MTL,ATZ,ACR,BTY,CZE,PDM; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MTL),OK(MTL,BTY,CZE),NO MIXTURE(ACR,TARGET-ATZ).

Viator, B. J., Griffin, J. L., and Richard, E. P., Jr. (2002). Evaluation of Red Morningglory (Ipomoea coccinea) for Potential Atrazine Resistance. *Weed Technol.* 16: 96-101.

EcoReference No.: 62976

Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).

Virmani, M., Evans, J. O., and Lynn, R. I. (1975). Preliminary Studies of the Effects of S-Triazine, Carbamate, Urea, and Karbutilate Herbicides on Growth of Fresh Water Algae. *Chemosphere* 4: 65-71.

EcoReference No.: 8134

Chemical of Concern: SZ,ATZ,DU,CPP; Habitat: A; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

Voets, J. P., Meerschman, P., and Verstraete, W. (1974). Soil Microbiological and Biochemical Effects of Long-Term Atrazine Applications. *Soil Biol.Biochem.* 6: 149-152.

EcoReference No.: 55256

Chemical of Concern: ATZ; Habitat: T; Effect Codes: BCM,POP; Rejection Code: TARGET(ATZ).

Vos, J. G. and Krajnc, E. I. (1983). Immunotoxicity of Pesticides. *Dev.Toxicol.EnvIRON.Sci.* 11: 229__-240__.

EcoReference No.: 71363

Chemical of Concern: DU,ATZ,DDT,EN,Pb,TBT,Zineb,Captan,BMY; Habitat: T; Effect Codes: PHY;

Rejection Code: NO ENDPOINT(ATZ).

Vykusova, B. and Svobodova, Z. (1987). Comparison of the Sensitivity of Male and Female Guppies (*Poecilia reticulata* Peters) to Toxic Substances (Porovnani Citlivosti Samcu a Samic Zivorodky Duhove (*Poecilia reticulata* Peters) k Cizorodum Latkam). *Bul.Vyzk.Ustav Ryb.Hydrobiol.Vodnany* 23: 20-23 (CZE) (ENG ABS).

EcoReference No.: 312

Chemical of Concern: ATZ,MTL,Cd; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(ALL CHEMS).

Walker, A. (1976). Effects from Simulated Rainfall on Shoot-Zone Uptake of Herbicides. *Weed Res.* 16: 369-373.

EcoReference No.: 72253

Chemical of Concern: SZ,ATZ,LNR; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(SZ,ATZ).

Walker, A. and Brown, P. A. (1980). Crop Responses to Low Doses of Herbicides in the Soil. *Proc.1980 Br.Crop Prot.Conf.- Weeds* 15: 609-616.

EcoReference No.: 71390

Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SZ,ATZ).

Walker, C. R. (1962). Toxicological Effects of Herbicides on the Fish Environment. *In: Proc.8th Air and Pollut.Conf., Univ.of Missouri, Columbia, MO* 17-34 (Publ in Part As 643).

EcoReference No.: 14003

Chemical of Concern: SZ,ATZ,EDT,24DXY,Cu; Habitat: A; Effect Codes: MOR,ACC,BCM,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Walker, E. M. J., Gale, G. R., Atkins, L. M., and Gadsden, R. H. (1979). Some Effects of Atrazine on Ehrlich Ascites Tumor Cells In Vitro and In Vivo. *Bull.Environ.Contam.Toxicol.* 22: 95-102.

EcoReference No.: 55329

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

Walker, S. R., Marley, J., Robinson, G. R., and Hargreaves, P. A. (1994). Initial Activity of Atrazine and Chlorsulfuron Residues is Greater in the Grey Clays than in the Black Earths of Southern Queensland. *Aust.J.Exp.Agric.* 34: 67-73.

EcoReference No.: 80540

Chemical of Concern: ATZ,CSF; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ).

Waterson, H. A., Craig, J., and Joice, R. (1964). Evaluation of Herbicides for the Control of Couchgrass, *Agropyron Repens* L. Beauv. *Weed Res.* 4: 229-240.

EcoReference No.: 42309

Chemical of Concern: ATZ,AMTL; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK(ALL CHEMS),OK TARGET(ATZ).

Wax, L. M. and Behrens, R. (1965). Absorption and Translocation of Atrazine in Quackgrass. *Weeds* 13: 107-109.

EcoReference No.: 27815

Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(ATZ).

Weaver, S. E., Warwick, S. I., and Thomson, B. K. (1982). Comparative Growth and Atrazine Response of Resistant and Susceptible Populations of Amaranthus from Southern Ontario. *J.Appl.Ecol.* 19: 611-620.

EcoReference No.: 25686

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(ATZ).

Weber, A., Christlieb, T., and Imer, U. (1984). Die Kombination eines Unkomplizierten Chemikalentoxizitätstests mit einem Multi-Spezies-Testsystem zur Erfassung Synergistischer und Sublethaler Effekte in Aquatischen Ökosystemen. *Bundesminister für Forschung und Technologie, Forschungsbericht (03 7293) (OECDG Data File)*.

EcoReference No.: 56401

Chemical of Concern: ATZ,PCP; Habitat: A; Effect Codes: POP,PHY; Rejection Code: NO FOREIGN.

Weber, J. B., Best, J. A., and Gonese, J. U. (1993). Bioavailability and Bioactivity of Sorbed Organic Chemicals. *SSSA Spec.Publ.* 32: 153-196.

EcoReference No.: 70824

Chemical of Concern: ATZ,DBN,PQT,24DXY; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO COC(SZ,ATZ).

Weete, J. D., Pillai, P., and Davis, D. D. (1980). Metabolism of Atrazine by *Spartina alterniflora*. 2. Water-Soluble Metabolites. *J.Agric.Food Chem.* 28: 636-640.

EcoReference No.: 7863

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

Wellborn, T. L. J. (1969). The Toxicity of Nine Therapeutic and Herbicidal Compounds to Striped Bass. *Prog.Fish-Cult.* 31: 27-32.

EcoReference No.: 909

Chemical of Concern: SZ,DU,PAQT,24DXY,EDT,AMTR,DBN,TFN,ATZ,PRO,Cu,CuS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SZ,CuS),OK(ALL CHEMS),NO COC(ATZ).

West, L. D., Muzik, T. J., and Witters, R. E. (1976). Differential Gas Exchange Responses of Two Biotypes of Redroot Pigweed to Atrazine. *Weed Sci.* 24: 68-72.

EcoReference No.: 29796

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Weston, L. H. and Robinson, P. K. (1991). Detection and Quantification of Triazine Herbicides Using Algal Cell Fluorescence. *Biotechnol.Tech.* 5: 327-330.

EcoReference No.: 70115

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

Whisenant, S. G. (1985). Effects of Fire And/Or Atrazine on Japanese Brome and Western Wheatgrass. *P W S Wd S* 38: 169-176.

EcoReference No.: 31434

Chemical of Concern: ATZ; Habitat: T; Rejection Code: TARGET(ATZ).

Wichman, J. R. and Byrnes, W. R. (1971). Inherent Tolerance of Black Walnut and Tulip Poplar Seedlings to Soil-Applied Herbicides. *Agric.Exp.Stn.Bull.No.878, Purdue Univ., Lafayette, IN* 6 p.

- EcoReference No.: 70558
Chemical of Concern: ATZ,SZ; Habitat: T; Effect Codes: POP,GRO,ACC; Rejection Code: TARGET(SZ,ATZ).
- Wicks, G. A., Felton, W. L., Murison, R. D., Hanson, G. E., and Nash, P. G. (1998). Efficiency of an Optically Controlled Sprayer for Controlling Weeds in Fallow. *Weed Technol.* 12: 638-645.
- EcoReference No.: 73940
Chemical of Concern: ATZ,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(MTL),TARGET(ATZ).
- Wicks, G. A., Mahnken, G. W., and Hanson, G. E. (1996). Weed Control in Ecofallow Corn (*Zea mays*) with Clomazone. *Weed Technol.* 10: 495-501.
- EcoReference No.: 73779
Chemical of Concern: MTL,ATZ,CMZ,DMB,GYP,PAQT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS,TARGET-ATZ).
- Wicks, G. A., Martin, A. R., Haack, A. E., and Mahnken, G. W. (1994). Control of Triazine-Resistant Kochia (*Kochia scoparia*) in Sorghum (*Sorghum bicolor*). *Weed Technol.* 8: 748-753.
- EcoReference No.: 73946
Chemical of Concern: ATZ,PYD,GYP,24DXY,PAQT,LNR,BT,DMB,BMN; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO COC(MTL),OK(24DXY),TARGET(DMB,ATZ).
- Wilcox, M. (1968). Synthesis and Herbicidal Activity of 1,1-Dimethyl- and 2-Methyl-4-Phenylsemicarbazides. *J.Med.Chem.* 11: 171-172.
- EcoReference No.: 41114
Chemical of Concern: ATZ,DU; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ABSTRACT,ENDPOINT(ALL CHEMS,TARGET-ATZ).
- Wilson, G. J. (1982). Kiwifruit Seedling Tolerance to Soil Applied Herbicides. *Proc.35th N.Z.Weed Pest Control Conf.* 53-57.
- EcoReference No.: 70787
Chemical of Concern: SZ,ATZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(SZ,ATZ).
- Wilson, H. P., Hines, T. E., Bellinder, R. R., and Grande, J. A. (1985). Comparisons of HOE-39866, SC-0224, Paraquat, and Glyphosate in No-Till Corn (*Zea mays*). *Weed Sci.* 33: 531-536.
- EcoReference No.: 31424
Chemical of Concern: GYP,ATZ,PQT; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ).
- Wilson, H. P., Hines, T. E., Hatzios, K. K., and Doub, J. P. (1988). Efficacy Comparisons of Alachlor and Metolachlor Formulations in the Field. *Weed Technol.* 2: 24-27.
- EcoReference No.: 73791
Chemical of Concern: MTL,ACR,LNR,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO MIXTURE(MTL,ATZ).
- Wilson, J. S. and Foy, C. L. (1990). Weed Control in No-Tillage and Conventional Corn (*Zea mays*) with ICIA-0051 and SC-0774. *Weed Technol.* 4: 731-738.

- EcoReference No.: 74012
Chemical of Concern: MTL,ATZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),TARGET(ATZ).
- Winget, C. H., Kozlowski, T. T., and Kuntz, J. E. (1963). Effects of Herbicides on Red Pine Nursery Stock. *Weeds* 11: 87-90.
- EcoReference No.: 40664
Chemical of Concern: SZ,ATZ,PPZ; Habitat: T; Effect Codes: GRO,POP,PHY,MOR; Rejection Code: LITE EVAL CODED(PPZ),OK TARGET(ATZ,SZ),OK(ALL CHEMS).
- Winkelman, D. A. and Klaine, S. J. (1991). Degradation and Bound Residue Formation of Atrazine in a Western Tennessee Soil. *Environ.Toxicol.Chem.* 10: 335-345.
- EcoReference No.: 67467
Chemical of Concern: ATZ; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: TARGET(ATZ).
- Winkelman, D. A. and Klaine, S. J. (1991). Degradation and Bound Residue Formation of Four Atrazine Metabolites, Deethylatrazine, Deisopropylatrazine, Dealkylatrazine and Hydroxyatrazine, in a Western Tennessee Soil. *Environ.Toxicol.Chem.* 10: 347-354.
- EcoReference No.: 67466
Chemical of Concern: ATZ,SZ(degrade); Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(SZ,ATZ).
- Wittmann, C. and Hock, B. (1990). Evaluation and Performance Characteristics of a Novel ELISA for the Quantitative Analysis of Atrazine in Water, Plants and Soil. *Food Agric.Immunol.* 2: 65-74.
- EcoReference No.: 78503
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Wolf, D. C. and Martin, J. P. (1975). Microbial Decomposition of Ring-14C Atrazine, Cyanuric Acid, and 2-Chloro-4,6-Diamino-s-Triazine. *J.Environ.Qual.* 4: 134-139.
- EcoReference No.: 67465
Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(ATZ).
- Wrather, J. A. and Freytag, A. H. (1991). Selection of Atrazine Tolerant Soybean Calli and Expression of that Tolerance in Regenerated Plants. *Plant Cell Rep.* 10: 44-47.
- EcoReference No.: 79722
Chemical of Concern: ATZ; Habitat: T; Effect Codes: MOR,CEL,REP; Rejection Code: TARGET(ATZ).
- Wu, M. T., Singh, B., and Salunkhe, D. K. (1972). Influence of Foliar Application of s-Triazine Compounds on Fresh Weight, Dry Weight, Chemical Composition, and Enzymatic Activity of Pea and Sweet Corn Seedlings. *J.Exp.Bot.* 23: 793-800.
- EcoReference No.: 42622
Chemical of Concern: ATZ,PPZ,PMT,PRO,AMTR,SZ; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: LITE EVAL CODED(PPZ),OK TARGET(ATZ,SZ),OK(ALL CHEMS).
- Yeh, H. J. (1986). The Effect of Herbicide Residues on Sugarcane. *Rep.Taiwan Sugar Res.Inst.* 114: 17-26.
- EcoReference No.: 81157

Chemical of Concern: DU,ATZ,AMTR,24DXY; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).

Yenish, J. P., Worsham, A. D., and York, A. C. (1996). Cover Crops for Herbicide Replacement in No-Tillage Corn (Zea mays). *Weed Technol.* 10: 815-821.

EcoReference No.: 73752

Chemical of Concern: MTL,ATZ,AMTR; Habitat: T; Effect Codes: POP; Rejection Code: OK(MTL),TARGET(ATZ).

Young, B. G. and Hart, S. E. (1997). Giant Foxtail (Setaria faberi) Control in Sethoxydim-Resistant Corn (Zea mays). *Weed Sci.* 45: 771-776.

EcoReference No.: 73913

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

Zelenkova, J. and Hurka, K. (1990). Carabids (Col., Carabidae) in the Epigeon of Pest Management Apple Orchards in South Bohemia. *Acta Soc.Zool.Bohemoslov* 54: 133-145 .

EcoReference No.: 77627

Chemical of Concern: TDF,FRM,GYP,DQTBBr,PAQT,SZ,ATZ,PHSL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Zora, K. and Paladino, F. (1986). Combined Toxicity of Atrazine and Acid Exposure to Bluntnose Minnows, *Pimephales notatus*. *Fed.Proc.* 45: 916 (ABS No.4431).

EcoReference No.: 12853

Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO ABSTRACT.

Zsoldos, F., Haunold, E., and Vashegyi, A. (1986). The Effects of Phosphate Supply on Uptake of Potassium Ions 2,4-D and Atrazine by Wheat and Maize. *Physiol.Plant.* 68: 154-158.

EcoReference No.: 80531

Chemical of Concern: ATZ,24DXY; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(ATZ).

Zupan, I. and Kalafatic, M. (2003). Histological Effects of Low Atrazine Concentration on Zebra Mussel (*Dreissena polymorpha* Pallas). *Bull.Environ.Contam.Toxicol.* 70: 688-695.

EcoReference No.: 71914

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

Atrazine Updates (March-October 2006)
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

Aso, S., Anai, M., Noda, S., Imatanaka, N., Yamasaki, K., and Maekawa, A. (2000). Twenty-Eight-Day Repeated-Dose Toxicity Studies for Detection of Weak Endocrine Disrupting Effects of Nonylphenol and Atrazine in Female Rats. *J.Toxicol.Pathol.* 13: 13-20.

EcoReference No.: 86238

Chemical of Concern: ATZ,NYP; Habitat: T; Effect Codes: REP,CEL,GRO,PHY,BEH; Rejection Code: Less sensitive endpoint.

Berthold, A. and Jakl, T. (2002). Soil Ciliate Bioassay for the Pore Water Habitat - A Missing Link between Microflora and Earthworm Testing in Soil Toxicity Assessment. *J.Soils Sediments* 2: 179-193.

EcoReference No.: 83711

Chemical of Concern: CdCl₂,MTL,ATZ,K₂CrO₇; Habitat: T; Effect Codes: POP,MOR; Rejection Code: **Terrestrial invertebrate endpoints were not considered for this assessment.**

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; Rejection Code: **Less sensitive endpoint.**

Burrell, R. E., Mayfield, C. I., Inniss, W. E., and Kummer, K. (1983). A Rapid Technique for Determining Toxicant Effects on a Green Alga. *Can.Tech.Rep.Fish.Aquat.Sci.* 307-313 p.

EcoReference No.: 86245

Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

Garrett, D. C. (2004). Effects of Methanol, Atrazine, and Copper on the Ultrastructure of *Pseudokirchneriella subcapitata* (*Selenastrum capricornutum*). *Ph.D.Thesis, Univ.of North Texas, Denton, TX* 192 p.

EcoReference No.: 82748

Chemical of Concern: MOL,ATZ,Cu; Habitat: A; Effect Codes: BCM,CEL,POP; Rejection Code: **Less sensitive endpoint.**

Gaunt, P. and Barker, S. A. (2000). Matrix Solid Phase Dispersion Extraction of Triazines from Catfish Tissues; Examination of the Effects of Temperature and Dissolved Oxygen on the Toxicity of Atrazine. *Int.J.Environ.Pollut.* 13: 284-312.

EcoReference No.: 71376

Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: **Less sensitive endpoint.**

Giusi, G., Facciolo, R. M., Canonaco, M., Alleva, E., Belloni, V., Dessì-Fulgheri, F., and Santucci, D. (2006). The Endocrine Disruptor Atrazine Accounts for a Dimorphic Somatostatinergic Neuronal Expression Pattern in Mice. *Toxicol.Sci.* 89: 257-264 .

EcoReference No.: 83157

Chemical of Concern: ATZ; Habitat: T; Effect Codes: PHY; Rejection Code: **Terrestrial mammalian endpoints were not considered for this assessment. Cellular genetic endpoints cannot be quantitatively linked to the selected assessment endpoints.**

Kish, P. A. (2006). Evaluation of Herbicide Impact on Periphyton Community Structure Using the Matlock Periphytometer. *J.Freshw.Ecol.* 21: 341-348.

EcoReference No.: 85813

Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,ACC; Rejection Code: **Less sensitive endpoint.**

Le Goff, G., Hilliou, F., Siegfried, B. D., Boundy, S., Wajnberg, E., Sofer, L., Audant, P., ffrench-Constant, R. H., and Feyereisen, R. (2006). Xenobiotic Response in *Drosophila melanogaster*: Sex Dependence of P450 and GST Gene Induction. *Insect Biochem.Mol.Biol.* 36: 674-682.

EcoReference No.: 85819

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL; Rejection Code: Terrestrial invertebrate endpoints were not considered for this assessment. Cellular genetic endpoints cannot be quantitatively linked to the selected assessment endpoints.

Lockert, C. K., Hoagland, K. D., and Siegfried, B. D. (2006). Comparative Sensitivity of Freshwater Algae to Atrazine. *Bull.Environ.Contam.Toxicol.* 76: 73-79.

EcoReference No.: 85817

Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL,POP; Rejection Code: Less sensitive endpoint.

Ma, J., Wang, S., Wang, P., Ma, L., Chen, X., and Xu, R. (2006). Toxicity Assessment of 40 Herbicides to the Green Alga *Raphidocelis subcapitata*. *Ecotoxicol.Environ.Saf.* 63: 456-462.

EcoReference No.: 83543

Chemical of Concern:

CLT,DFP,FNP,FZF,HFP,QZF,BSFM,BP,CRME,EMSF,FTS,MTSM,NSF,ACO,BTC,MTL,AMTR,ATZ,BMN,CMZ,DU,PAQT,PMT,FXP,MCPA,ZNC,PDM,TFN,GFS,GYP,SZ; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.

Phyu, Y. L., Warne, M. S., and Lim, R. P. (2006). Toxicity and Bioavailability of Atrazine and Molinate to the Freshwater Fish (*Melanotenia fluviatilis*) Under Laboratory and Simulated Field Conditions. *Sci.Total Environ.* 356: 86-99.

EcoReference No.: 85814

Chemical of Concern: ATZ,MLT; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: Less sensitive endpoint. Behavioral endpoints such as equilibrium cannot be quantitatively linked to the selected assessment endpoints.

Podola, B. and Melkonian, M. (2005). Selective Real-Time Herbicide Monitoring by an Array Chip Biosensor Employing Diverse Microalgae. *J.Appl.Phycol.* 17: 261-271 .

EcoReference No.: 83755

Chemical of Concern: SZ,DU,ATZ,PAQT; Habitat: A; Effect Codes: POP; Rejection Code: Less sensitive endpoint.

Porter, W. P., Jaeger, J. W., and Carlson, I. H. (1999). Endocrine, Immune, and Behavioral Effects of Aldicarb (Carbamate), Atrazine (Triazine) and Nitrate (Fertilizer) Mixtures at Groundwater Concentrations . *Toxicol.Ind.Health* 15: 133-150.

EcoReference No.: 86237

Chemical of Concern: ADC,ATZ; Habitat: T; Effect Codes: PHY,GRO,BEH,BCM; Rejection Code: Less sensitive endpoint.

Rowe, A. M., Brundage, K. M., Schafer, R., and Barnett, John B. (2006). Immunomodulatory Effects of Maternal Atrazine Exposure on Male Balb/c Mice. *Toxicol.Appl.Pharmacol.* 214: 69-77.

EcoReference No.: 85820

Chemical of Concern: ATZ; Habitat: T; Effect Codes: CEL,REP,PHY,GRO; Rejection Code: Less sensitive endpoint.

Seguin, F., Druart, J. C., and Le Cohu, R. (2001). Effects of Atrazine and Nicosulfuron on Periphytic Diatom Communities in Freshwater Outdoor Lentic Mesocosms. *Ann.Limnol.* 37: 3-8.

EcoReference No.: 86240

Chemical of Concern: ATZ,NSF; Habitat: A; Effect Codes: POP,CEL; Rejection Code: Less sensitive

endpoint.

Su, Y. H. and Zhu, Y. G. (2006). Bioconcentration of Atrazine and Chlorophenols into Roots and Shoots of Rice Seedlings. *Environ.Pollut.* 139: 32-39.

EcoReference No.: 85818

Chemical of Concern: ATZ,24DC; Habitat: A; Effect Codes: ACC,PHY; Rejection Code: **Bioconcentration factor.**

Thomas, P. and Doughty, K. (2004). Disruption of Rapid, Nongenomic Steroid Actions by Environmental Chemicals: Interference with Progesterone Stimulation of Sperm Motility in Atlantic Croaker. *Environ.Sci.Technol.* 38: 6328-6332.

EcoReference No.: 83758

Chemical of Concern: PCB,MXC,ATZ,DDT,NAPH; Habitat: A; Effect Codes: REP; Rejection Code: **No effect at single test concentration.**

Wilhelms, K. W., Cutler, S. A., Proudman, J. A., Carsia, R. V., Anderson, L. L., and Scanes, C. G. (2006). Lack of Effects of Atrazine on Estrogen-Responsive Organs and Circulating Hormone Concentrations in Sexually Immature Female Japanese quail (*Coturnix coturnix japonica*). *Chemosphere* 65: 674-681.

EcoReference No.: 85511

Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,BEH,BCM; Rejection Code: **No effects at any of the test concentrations.**

Yeh, H. J. and Chen, C. Y. (2006). Toxicity Assessment of Pesticides to *Pseudokirchneriella subcapitata* Under Air-Tight Test Environment. *J.Hazard.Mater.* 131: 6-12.

EcoReference No.: 85816

Chemical of Concern: ATZ,PCP,FNTH,PRN,MLN,DDVP,MCPA; Habitat: A; Effect Codes: PHY,POP; Rejection Code: **Less sensitive endpoint.**

Atrazine Updates (March-October 2006): Acceptable for ECOTOX but not OPP

Ismail, S. M. M., Ahmed, Y. M., Mosleh, Y. Y. I., and Ahmed, M. T. (1997). The Activities of Some Proteins and Protein Related Enzymes of Earthworms as Biomarkers for Atrazine Exposure. *Toxicol.Environ.Chem.* 63: 141-148.

EcoReference No.: 86242

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

Liang, T. T. and Lichtenstein, E. P. (1974). Synergism of Insecticides by Herbicides: Effect of Environmental Factors. *Science* 186: 1128-1130.

EcoReference No.: 86239

Chemical of Concern: ATZ,DDT,PRN; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ATZ).

Papers Rejected by ECOTOX

ATRAZINE IRED 2003 Papers that Were Excluded from ECOTOX

- Armstrong, D. E., Chester, C., and Harris, R. F. (1967). Atrazine Hydrolysis in Soil. *Soil Sci.Soc.Amer.Proc.* 31: 61-66.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Baier, C. H., Hurle, K., and Kirchoff, J. (1985). Datensammlung zur Abschätzung des Gefährdungspotentials von Pflanzenschutzmitteln-Wirkstoffen für Gewässer. *Deutscher Verband für Wasserwirtschaft und Kulturbau e.V., Verlag Paul Parey, Hamburg and Berlin* 74-294.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Baker, D. B. (1987). Lake Erie Agro-Ecosystem Program: Sediment, Nutrient, and Pesticide Export Studies. *U.S.EPA, Gt.Lakes Natl.Prog.Office, Chicago, IL.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Baker, D. B., Kieger, K. A., Richarads, R. P., and Kramer, J. W. (1985). Effects of Intensive Agricultural Land Use on Regional Water Quality in Northwestern Ohio. *EPA-440/5-85-001, U.S.EPA, Perspectives on Nonpoint Source Pollution, Proc.of a National Conf., Kansas City, MO* 201-207.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Baker, D. B., Krieger, K. A., and Setzler, J. V. (1981). The Concentrations and Transport of Pesticides in Northwestern Ohio Rivers - 1981. *U.S.Army Corps of Engineers, Tech.Rep.Series, No.19, Buffalo District, Buffalo, NY.*
Chem Codes : Chemical of Concern: ATZ Rejection Code: SURVEY.
- Barriuso, E., Calvet, R., and Houot, S. (1995). Field Study of the Effect of Sewage Sludge Application on Atrazine Behaviour in Soil. *Internat.J.Environ.Anal.Chem.* 59 : 107-123.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Basta, N. T., Huhnke, R. L., and Stiegler, J. H. (1997). Atrazine Runoff from Conservation Tillage Systems: A Simulated Rainfall Study. *J.Soil Water Conserv.* 52 : 44-49.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Best, L. B., Freemark, K. E., Dinsmore, J. J., and Camp, M. (1995). A Review and Synthesis of Habitat Use by Breeding Birds in Agricultural Landscapes of Iowa. *Am.Midl.Nat.* 124: 1-29 (MRID # 45205103).
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Borisover, M. D. and Graber, E. R. (1997). Competitive Sorption Between Atrazine and Other Organic Compounds in Soils and Model Sorbents. *Comment.Environ.Sci.Technol.* 31: 1577-1578.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Boundy-Mills, K. L., deSouza, M. L., Mandelbaum, R. T., Wackett, L. P., and Sadowsky, M. J. (1997). The ATZB Gene of *Pseudomonas* sp. Strain ADP Encodes the Second Enzyme of a Novel Atrazine Degradation Pathway. *Appl.Environ.Microbiol.* 63: 916.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Bouquard, C., Quazzani, J., Prome, J. C., Michel-Briand, Y., and Plesiat, P. (1997). Dechloration of Atrazine by a *Rhizobium* sp. Isolate. *Appl.Environ.Microbiol.* 63: 862-916.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Braun, F., Schussler, W., and Wehrle, R. (1987). Organische Schadstoffe, Polychlorbiphenyle (PCB) and Pesticide

- im Kreislauf des Wassers. *Bilanzierung und Bewertung.Rep.of the Bavarian Water Res.Inst., Munich* 18-27.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Buccafusco, R. (1976). Acute Toxicity of Atrazine Technical to Bluegill (*Lepomis macrochirus*). *Prepared by EG & G Bionomics, Wareham, MA, Submitted by Unknown* (MRID # 00147125).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Capel, P. D., Lin, M., and Wotzka, P. J. (1994). Pesticides in Rains in Minnesota 1991-1993: An Interim Report. *Minn.Dep.of Agron., Agron.Ser.Div.* p. 26 (Additional Pages on 1994 Data).
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Carder, J. P. and Hoagland, K. D. (1998). Combined Effects of Alachlor and Atrazine on Benthic Algae Communities in Artificial Streams. *Environ.Toxicol.Chem.* 17 : 1415-1420.
Chem Codes: EcoReference No.: 72764
 Chemical of Concern: ACR,ATZ Rejection Code: MIXTURE.
- Celis, R., Cornejo, J., Hermosin, M. C., and Koskinen, W. C. (1997). Sorption-Desorption of Atrazine and Simazine by Model Soil Colloidal Components. *Soil Sci.Soc.Am.J.* 61: 436-444.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chen, W. and Wagenet, R. J. (1997). Description of Atrazine Transport in Soil with Heterogenous Nonequilibrium Sorption. *Soil Sci.Soc.Am.* 61: 360-372.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chesapeake Bay Program (1998). Data Base of the Occurrence and Distribution of Pesticides in Chesapeake Bay. <http://www.agnic.org/agnic/cbp/>.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Close, M. E., Pang, L., Watt, J. P. C., and Vincent, K. W. (1998). Leaching of Picloram, Atrazine and Simazine Through Two New Zealand Soils. *Geoderma* 84: 45-65.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Cohen, S. (1997). Atrazine in Wisconsin Ground Water: An Evaluation of Management Control. *Ground Water Monit.Remed.* 17: 60-63.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Correll, D. L., Pierce, J. W., and Wu, T. L. (1978). Herbicides and Submerged Plants in Chesapeake Bay. In: *Proc.Symp.Tech., Environ.Socioecon.and Regul.Aspects Coastal Zone Manage., ASCE, San Francisco, CA.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Dao, T. H., Lavy, T. L., and Sorenson, R. C. (1979). Atrazine Degradation and Residue Distribution in Soil. *Soil Sci.Soc.Am.J.* 43: 1129-1134.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Davis, D. E., Weete, J. D., Pillai, C. G. P., Plumley, F. G., McEnerney, J. T., Everest, J. W., and Truelove, B. (1980). Atrazine Fate and Effects in a Salt Marsh. *EPA-600/3-79-111, U.S.EPA, Gulf Breeze, FL* 84 p. (U.S.NTIS PB80-150634) (Publ As 6324, 15024, 15023, 15022, 7863, 6604).
Chem Codes: EcoReference No.: 6438
 Chemical of Concern: ATZ Rejection Code: FATE.
- Day, G. M., Hart, B. T., McKelvie, I. D., and Beckett, R. (1997). Influence of Natural and Organic Matter on the Sorption of Biocides onto Geothite. I. Gamma-BHC and Atrazine. *Environ.Technol.* 18: 769-781 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA .

- DiCorcia, A., Crescenzi, C., Guerriero, E., and Samperi, R. (1997). Ultratrace Determination of Atrazine and its Six Major Degradation Products in Water by Solid-Phase Extraction and Liquid Chromatography Electrospray Mass Spectrometry. *Environ.Sci.Technol.* 31: 1658-1664.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Doulia, D., Houdakis, A., Rigas, F., and Anagnostopoulos, E. (1997). Removal of Atrazine from Water by Use of Nonionic Polymeric Resins. *J.Environ.Sci.Health A-Environ.* 32: 2635-2657.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Douset, S., Mouvet, C., and Schiavon, M. (1997). Degradation of [C-14]Terbuthylazine and [C-14]Atrazine in Laboratory Soil Microcosms. *Pestic.Sci.* 49: 9-17.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Dowdy, D. L. and McKone, T. E. (1997). Predicting Plant Uptake of Organic Chemicals from Soil or Air Using Octanol/Water and Octanol/Air Partition Ratios and a Molecular Connectivity Index. *Environ.Toxicol.Chem.* 16: 2448-2456.
Chem Codes: EcoReference No.: 70199
Chemical of Concern: SZ,PNB,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Fawley, M. W. (1984). Effects of Light Intensity and Temperature Interactions on Growth Characteristics of *Phaedodactylum tricornutum* (Bacillariophyceae). *J.Phycol.* 20: 67-72.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Frank, R., Braun, H. E., Holdrinet, M. V. H., Sirons, G. J., and Riipley, B. D. (1982). Agriculture and Water Quality in the Canadian Great Lakes Basin: V. Pesticide Use in 11 Agricultural Watersheds and Presence in Stream Water, 1975-1977. *J.Environ.Qual.* 11: 497-505.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Frank, R. and Sirons, G. J. (1979). Atrazine: Its Use in Corn Production and Its Loss to Stream Waters in Southern Ontario, 1975-1977. *Sci.Total Environ.* 12: 223-239.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Frank, R. and Sirons, G. J. (1979). Triazine Residues in Suspended Solids (1974-1976) and Water (1977) from the Mouths of Canadian Streams Flowing into the Great Lakes. *J.Gt.Lakes Res.* 5: 131-138.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Freemark, K. E. and Boutin, C. (1994). Impacts of Agricultural Herbicide Use on Terrestrial Wildlife: A Review with Special Reference to Canada. *Can.Wild.Serv.Tech.Rep.Ser.* 196 (MRID # 45204903).
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Fremanich, K. J., Bland, W. L., Lowery, B., and McSweeney, K. (1996). Irrigation and Tillage Effects on Atrazine and Metabolite Leaching from a Sandy Soil. *J.Environ.Qual.* 25: 1291-1300.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Gascon, J., Durand, G., and Barcelo, D. (1995). Pilot Survey for Atrazine and Total Chlorotriazines in Estuarine Waters Using Magnetic Particle Based Immunoassay and Gas Chromatography Nitrogen/Phosphorus Detection. *Environ.Sci.Technol.* 29: 1151-1157.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Gaynor, J. D., MacTavish, D. C., and Labaj, A. B. (1998). Atrazine and Metolachlor Residues in Brookston, CL. Following Conventional and Conservation Tillage Culture. *Chemosphere* 36: 3199-3211.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Gaynor, J. D. MacTavish D. C. and Findlay, W. I. (1995). Organic Chemicals in the Environment: Atrazine and Metolachlor Loss in Surface and Subsurface Runoff from Three Tillage Treatments in Corn.

- J.Environ.Qual.* 24: 246-256.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Gianturco, F., Chiodaroli, C. M., Bellobono, R., Raimondi, M. L., Moroni, A., and Gawlik, B. (1997). Pilot-Plant Photomineralization of Atrazine in Aqueous Solution, by Photocatalytic Membranes Immobilising Titanium Dioxide and Promoting Photocatalysts. *Fresenius Environ.Bull.* 6: 461-469.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Giddings, J. M., Anderson, T. A., Hall, L. W. Jr., Kendall, R. J., Richards, R. P., Solomon, K. R., and Williams, W. M. (2000). Aquatic Ecological Risk Assessment of Atrazine: A Tiered, Probabilistic Approach. *Prepared by the Atrazine Ecol.Risk Assess.Panel, ECORISK, Inc., Novartis Crop Protection Inc., Proj.Monit., Alan Hosmer, Novartis No.709-00.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Gilliom, R. J., Barbash, J. E., Kolpin, D. W., and Larson, S. J. (1999). Testing Water Quality for Pesticide Pollution. *Environ.Sci.Technol.* 33: 164-169.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Glotfelty, D. E., Taylor, A. W., Isensee, A. R., Jersey, J., and Glenn, S. (1984). Atrazine and Simazine Movement to Wye River Estuary. *J.Environ.Qual.* 13: 115-121.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SPECIES.
- Gruessner, B. (1994). Patterns of Herbicide Contamination in Vermont Streams and the Effect of Atrazine on Communities of Stream Organisms. *M.S.Thesis, Univ.of Vermon, Burlington, VT.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Hall, J. K. (1974). Erosional Losses of s-Triazine Herbicides. *J.Environ.Qual.* 3: 174-180.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Hayar, S., Munier-Lamy, C., Chone, T., and Schiavon, M. (1997). Physico-chemical Versus Microbial Release of C-14-Atrazine Bound Residues from a Loamy Clay Soil Incubated in Laboratory Microcosms. *Chemosphere* 34: 2683-2699.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Hequet, V., Gonzalez, C., and LeCloirec, P. (1997). Methodological Approach for the Hydrolysis Degradation of Atrazine. *Int.J.Environ.Anal.Chem.* 66: 253-269.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Horswell, J., Hodge, A., and Killham, K. (1997). Influence of Plant Carbon on the Mineralisation of Atrazine Residues in Soils. *Chemosphere* 34: 1739-1753.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Hottenstein, C. S., Rubio, F. M., Herzog, D. P., Fleeker, J. R., and Lawruk, T. S. (1996). Determination of Trace Atrazine Levels in Water by a Sensitive Magnetic Particle-Based Enzyme Immunoassay. *J.Agr.Food Chem.* 44: 3576.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Isensee, A. R. and Sadeghi, A. M. (1997). Interactions of Tillage and Rainfall on Atrazine Leaching Under Field and Laboratory Conditions. *Chemosphere* 34: 2715-2725.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Issa, S., Wood, M., Pussemier, L., Vanderheyden, V., Douka, C., Vizantinopoulos, S., Gyori, Z., Borbely, M., and Katai, J. (1997). Potential Dissipation of Atrazine in the Soil Unsaturated Zone: A Comparative Study in Four European Counties. *Pestic.Sci.* 50: 99-104.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Jenks, B. M., Roeth, F. W., and Martin, A. R. (1997). Comparison of an Enzyme Immunoassay with Gas Chromatography for Atrazine Determination in Water and Soil. *Bull.Environ.Contam.Toxicol.* 58: 696-704.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Johnson, R. M. and Pepperman, A. B. (1998). Release of Atrazine and Alachlor from Clay-Oxamide Controlled-Formulations. *Pestic.Sci.* 53: 233-241.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Johnson, R. M., Pepperman, A. B., and Selim, H. M. (1998). Field Mobility and Persistence of Alginate Controlled Release Formulations of Atrazine. *Soil Sci.* 163: 46-53.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Juracek, K. E. and Thurman, E. M. (1997). Assessing Aquifer Contamination Risk Using Immunoassay: Trace Analysis of Atrazine in Unsaturated Zone Sediments. *J.Environ.Qual.* 26: 1080-1089.
Chem Codes: EcoReference No.: 81730
 Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kadoun, A M. and Mock, D. E. (1978). Herbicide and Insecticide Residues in Tailwater Pits: Water and Pit Bottom Soil from Irrigated Corn and Sorghum Fields. *J.Agric.Food Chem.* 26: 45-50.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kanwar, R. S., Baker, J. L., and Singh, P. (1997). Use of Chloride and Fluorescent Dye as Tracers in Measuring Nitrate and Atrazine Transport Through Soil Profile Under Laboratory Conditions. *J.Environ.Sci.Health Part A* 32: 1907-1921.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Keck, G., Bostvironnois, C., and Braquet, E. (1991). Veterinary Toxicology of a Model-Herbicide: Atrazine (Toxicologie Veterinaire d'un Herbicide Modele: l'Atrazine). *Rev.Med.Vet.* 142: 481-489 (FRE) (ENG ABS).
Chem Codes: EcoReference No.: 82098
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Khan, S. U. and Saidak, W. J. (1981). Residues of Atrazine and its Metabolites After Prolonged Usage. *Weed Res.* 21: 9-13.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kolpin, D. W. and Kalkoff, S. J. (1993). Atrazine Degradation in a Small Stream in Iowa. *Environ.Sci.Technol.* 27: 134-139.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Korte, F. and Greim, H. (1981). Überprüfung der Durchführbarkeit von Prüfungsvorschriften und der Aussagekraft der Grundprüfung des Ersten Chemikaliengesetzes. *Bericht der GSF Muchen, Inst.fur Okol.Chem.und Inst.fur Biochem.und Toxikol., Abteilung Toxikol., An das Umweltbundesamt Berlin, Forschungsbericht Nr.107 04 006/1.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE/NON-ENGLISH.
- Kruger, E. L., Zhus, B., and Coats, J. R. (1996). Relative Mobilities of Atrazine, Five Atrazine Degradates, Metolachlor, and Simazine in Soils of Iowa. *Environ.Toxicol.Chem.* 15: 691-695.
Chem Codes: Chemical of Concern: SZ,ATZ,MTL Rejection Code: NO SPECIES.
- Kumar, A., Kanwar, R. S., and Ahuja, L. R. (1998). Evaluation of Preferential Flow Components of RZWQM in Simulating Water and Atrazine Transport to Subsurface Drains. *Trans.ASAE (Am.Soc.Agric.Eng.)* 41: 627-639.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.

- Li, J. H., Langford, C. H., and Gamble, D. S. (1996). Atrazine Sorption by a Mineral Soil: Effects of Soil Size Fractions and Temperature. *J.Agr.Food Chem.* 44: 3680-3685.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Li, J. H., Langford, C. H., and Gamble, D. S. (1996). Atrazine Sorption by a Mineral Soil: Processes of Labile and Nonlabile Uptake. *J.Agr.Food Chem.* 44: 3672-3680.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lorber, M., Johnson, K., Kross, B., Pinsky, P., Burmeister, L., Thurman, M., Wilkins, A., and Hallberg, G. (1997). A Study of the Temporal Variability of Atrazine in Private Well Water. I. Study Design, Implementation, and Database Development. *Environ.Monit.Assess.* 47: 175-197 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ma, L. W. and Selim, H. M. (1997). Evaluation of Nonequilibrium Models for Predicting Atrazine Transport in Soils. *Soil Sci.Soc.Am.J.* 61: 1299-1308.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Masse, L., Patni, K., Jui, P. Y., and Clegg, B. S. (1998). Groundwater Quality Under Conventional and No Tillage: II. Atrazine, Deethylatrazine, and Meolachlor. *J.Environ.Qual.* 27: 877-884.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Mayasich, J. M., Karlander, E. P., and Terlizzi, D. E. Jr. (1986). Growth Responses of *Nannochloris oculata* Droop and *Phaeodactylum tricornutum* Bohlin to the Herbicide Atrazine as Influenced by Light Intensity and Temperature. *Aquat.Toxicol.* 8: 175-184.
Chem Codes: EcoReference No.: 81747
Chemical of Concern: ATZ Rejection Code: NO DURATION.
- Moody, J. A. and Goolsby, D. A. (1993). Spatial Variability of Triazine Herbicides in the Lower Mississippi River. *Environ.Sci.Technol.* 27: 2120-2126.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Moreau, C. and Mouvet, C. (1997). Sorption and Desorption of Atrazine, Deethylatrazine, and Hydroxyatrazine by Soil and Aquifer Solids. *J.Environ.Qual.* 26: 416-424.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Moreau-Kervevan, C. and Mouvet, C. (1998). Adsorption and Desorption of Atrazine, Deethylatrazine, and Hydroxyatrazine by Soil Components. *J.Environ.Qual.* 27: 46-54.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Morrison, M. L. and Meslow, E. C. (1984). Response of Avian Communities to Herbicide-Induced Vegetation Changes. *J.Wildl.Manag.* 48: 14-22.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Mouvet, C., Amalric, L., Broussard, S., Lang, G., Brecht, A., and Gauglitz, G. (1996). Reflectometric Interference Spectroscopy for the Determination of Atrazine in Natural Water Samples. *Environ.Sci.Technol.* 30: 1846-1852.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Muir, D. C. G., Yoo, J. Y., and Baker, B. E. (1978). Residues of Atrazine and N De-ethylated Atrazine in Water from Five Agricultural Watersheds in Quebec. *Arch.Environ.Contam.Toxicol.* 7: 221-235.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Neckles, H. A. (1992). Indicator Development: Seagrass Monitoring and Research in the Gulf of Mexico. EPA/620-R-94-029, Rep.of Workshop at Mote Mar.Lab., Sarasota, FL, Jan.28-29, 1992, U.S.EPA, Office of Res.Devel., Environ.Res.Lab., Gulf Breeze, FL 64 p.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ng, H. Y. F. and Clegg, S. B. (1997). Atrazine and Metolachlor Losses in Runoff Events from an Agricultural Watershed: The Importance of Runoff Components. *Sci.Total Environ.* 193: 215-229.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Noblet, J. A., Smith, L. A., and Suffet, I. H. (1996). Influence of Natural Dissolved Organic Matter, Temperature, and Mixing on the Abiotic Hydrolysis of Triazine and Organophosphate Pesticides. *J.Agr.Food Chem.* 44: 3685-3694.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Novak, J. M., Moorman, T. B., and Cambardella, C. A. (1997). Atrazine Sorption at the Field Scale in Relation to Soils and Landscape Position. *J.Environ.Qual.* 26: 1271-1277.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Nsabimana, E., Bohatier, J., Belan, A., Pepin, D., and Charles, L. (1996). Effects of the Herbicide Atrazine on the Activated Sludge Process: Microbiology and Functional Views. *Chemosphere* 33: 479-495 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- O'Kelley, J. C. and Deason, T. R. (1976). Degradation of Pesticides by Algae. *EPA-600/3-76-022, U.S.EPA, Athens, GA* 41 p.(U.S.NTIS PB-251933) (Publ As 7429 and 7442).
Chem Codes: EcoReference No.: 7876
Chemical of Concern: ATZ Rejection Code: FATE.
- Papilloud, S., Haerdi, W., Chiron, S., and Baracelo, D. (1996). Supercritical Fluid Extraction of Atrazine and Polar Metabolites from Sediments Followed by Confirmation with LC-MS. *Environ.Sci.Technol.* 30: 1822-1827.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Pereira, W. E., Domagalski, J. L., Hostettler, F. D., Brown, L. R., and Rapp, J. B. (1996). Occurrence and Accumulation of Pesticides and Organic Contaminants in River Sediment, Water and Clam Tissues from the San Joaquin River and Tributaries, California. *Environ.Toxicol.Chem.* 15: 172-180.
Chem Codes: Chemical of Concern: ATZ,DMT,DZ,CPY,DLD,CHD,DCF,NAPH,PAH,DDT Rejection Code: NO DURATION/SURVEY.
- Petit, F., Le Goff, P., Cravedi, J. P., Valotaire, Y., and Pakdel, F. (1997). Two Complementary Bioassays for Screening the Estrogenic Potency of Xenobiotics: REcombinant Yeast for Trout Estrogen Receptor and Trout Hepatocyte Cultures. *J.Mol.Endocrinol.* 19: 321-335.
Chem Codes: Chemical of Concern: ATZ,NYP,DMB Rejection Code: IN VITRO/NO CONC.
- Pinsky, P., Lorber, M., Johnson, K., Kross, B., Burmeister, L., Wilkins, A., and Hallberg, G. (1997). A Study of the Temporal Variability of Atrazine in Private Well Water. 2. Analysis of Data. *Environ.Monit.Assess.* 47: 197.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Reimer, G. J., Gee, S. J., and Hammock, B. D. (1998). Comparison of a Time-Resolved Fluorescence Immunoassay and an Enzyme-Linked Immunosorbent Assay for the Analysis of Atrazine in Water. *J.Agr.Food Chem.* 46: 3353-3359.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Ritter, W. F., Chirnside, A. E. M., and Scarborough, R. W. (1996). Movement and Degradation of Triazines, Alachlor, and Metolachlor in Sandy Soils. *J.Environ.Sci.Health Part A* 31: 3699-3723.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Roberts, G. C., Sirons, G. J., Frank, R., and Collins, H. E. (1979). Triazine Residues in a Watershed in Southwestern Ontario, Canada (1973-1975). *J.Gt.Lakes Res.* 5: 246-255.

Chem Codes: Chemical of Concern: ATZ,SZ,CZE,MBZ Rejection Code: SURVEY.

Rodriguez, C. J. and Harkin, J. M. (1997). Degradation of Atrazine in Subsoils, and Groundwater Mixed with Aquifer Sediments. *Bull.Environ.Contam.Toxicol.* 59: 728-736.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Rogers, H. R., Watts, C. D., and Johnson, I. (1996). Comparative Predictions of Irgarol 1051 and Atrazine Fate and Toxicity. *Environ.Technol.* 17: 553-557.

Chem Codes: EcoReference No.: 81729

Chemical of Concern: ATZ Rejection Code: FATE.

Rothstein, E., Steenhuis, T. S., Peverly, J. H., and Geohring, L. D. (1996). Atrazine Fate on a Tile Drained Field in Northern New York: A Case Study. *Agric.Water Manag.* 31: 195-205.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Rouchaud, J., Gustin, F., Callens, D., and Bulcke, R. (1996). Atrazine Soil Metabolism in Maize Fields Treated with Organic Fertilizers. *Weed Res.* 36: 105-113.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE/METABOLISM.

Sachsse, K. and Ullman (1974). Acute Oral LD50 of Technical Atrazine (G 30027) in the Japanese Quail. *Project No.Siss 4407, Prepared by Ciba-Geigy, Ltd., Basle, Switzerland, Submitted by Ciba-Geigy Corporation, Greensboro, NC* (MRID # 00024722).

Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.

Atrazine IRED 2003

Schottler, S. P. and Eisenreich, S. J. (1997). Mass Balance Model to Quantify Atrazine Sources, Transformation Rates, and Trends in the Great Lakes. *Environ.Sci.Technol.* 31: 2616-2626.

Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.

Seta, A. K. and Karathanasis, A. D. (1997). Atrazine Adsorption by Soil Colloids and Co-transport Through Subsurface Environments. *Soil Sci.Soc.Am.J.* 61: 612-618.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Seybold, C. A. and Mersie, W. (1996). Adsorption and Desorption of Atrazine, Dethylatrazine, Deisopropylatrazine, Hydroxyatrazine, and Metoachlor in Two Soils from Virginia. *J.Environ.Qual.* 25: 1179-1186.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Sheldon, D. R., Sadeghi, A. M., Karns, J. S., and Hapeman, C. J. (1995). Effect of Wetting and Drying of Soil on Sorption and Biodegradation of Atrazine. *Weed Sci.* 43: 298-306.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Solomon, K. R., Baker, D. B., Richards, R. P., Dixon, K. R., Klaine, S. J., La Point, T. W., Kendall, R. J., Weisskopf, C. P., Giddings, J. M., Giesy, J. P., Hall, L. W. Jr., and Williams, W. M. (1996). Ecological Risk Assessment of Atrazine in North American Surface Waters. *Environ.Toxicol.Chem.* 15: 31-76.

Chem Codes: EcoReference No.: 69618

Chemical of Concern: ATZ Rejection Code: REVIEW.

Sparling, G., Dragten, R., Aislabie, J., and Fraser, R. (1998). Atrazine Mineralisation in New Zealand Topsoils and Subsoils: Influence of Edaphic Factors and Numbers of Atrazine-Degrading Microbes. *Aust.J.Soil Res.* 36: 557-571.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Sposito, G., Martin-Neto, L., and Yang, A. (1996). Atrazine Complexation by Soil Humic Acids. *J.Environ.Qual.* 35: 1203-1210.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Stallman, H. R. and Best, L. B. (1996). Bird Use of an Experimental Strip Intercropping System in the Northeast Iowa. *J.Wildl.Manag.* 60: 354-362.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Stratton, G. W. and Corke, C. T. (1981). Effect of Acetone on the Toxicity of Atrazine Towards Photosynthesis in *Anabaena*. *J Environ Health* 16B: 21-33.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION.
- Takahashi, M., Takano, M., Shiraishi, T., Asada, K., and Inoue, Y. (1995). Cooperation of Photosynthetic Reaction Center of Photosystem II Under Weak Light as Shown by Light Intensity-Dependence of the Half-Effective Dose of Atrazine. *Biosci.Biotech.Biochem.* 59: 796-809.
Chem Codes: EcoReference No.: 81728
Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Tasli, S., Patty, L., Boetti, H., Ravanel, P., Vachaud, G., Scharff, C., Favre-Bonvin, J., Kaouadji, M., and Tissut, M. (1996). Persistence and Leaching of Atrazine in Corn Culture in the Experimental Site of La Cote Saint Andre (Isere, France). *Arch.Environ.Contam.Toxicol.* 30: 203-213 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Van der Pas, L. J. T., Leistra, M., and Boesten, J. J. T. I. (1998). Rate of Transformation of Atrazine and Benazone in Water-Saturated Sandy Subsoils. *Pestic.Sci.* 53: 223-233.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Van Zwieten, L. and Kennedy, I. R. (1995). Rapid Degradation of Atrazine by *Rhodococcus* sp. N186/21 and by an Atrazine-Perfused Soil. *J.Agr.Food Chem.* 43: 1377-1383.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Vanderheyden, V., Debongnie, P., and Pussemier, L. (1997). Accelerated Degradation and Mineralization of Atrazine in Surface and Subsurface Soil Materials. *Pestic.Sci.* 49: 237-242.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Waldron, A. C. (1974). Pesticide Movement from Cropland into Lake Erie. *EPA-660/2-74-03, U.S.EPA, Athens, GA.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Watts, D. W. and Novak, J. M. (1997). Evaluation of Atrazine Positive and False Positive Immunoassay Detections in Ground Water. *J.Environ.Sci.Health Part B* 32: 659-673.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Wilson, R., Barker, W. H., Schiffrin, D. J., and Abuknesha, R. (1997). Electrochemiluminescence Flow Injection Immunoassay for Atrazine. *Biosen.Bioelect.* 12: 277-287.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Wright and Beliles (1966). Eastern Oyster (*Crassostrea virginica*) (Shell Disposition) Flow-Through Test. *MRID # 00024720 Suppl.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Xing, B. S., Pignatello, J. J., and Gigliotti, B. (1996). Competitive Sorption Between Atrazine and Other Organic Compounds in Soils and Model Sorbents. *Environ.Sci.Technol.* 30: 2342.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

ATRAZINE NON-IREDD
Papers that Were Excluded from ECOTOX

- Abate, Gilberto and Masini, Jorge Cesar (2005). Adsorption of atrazine, hydroxyatrazine, deethylatrazine, and deisopropylatrazine onto Fe(III) polyhydroxy cations intercalated vermiculite and montmorillonite. *Journal Of Agricultural And Food Chemistry* 53: 1612-1619.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Abel Erika L, Opp Shaun M, Verlinde Christophe LMJ, Bammler TheoK. , and Eaton David L (2004). Characterization of Atrazine Biotransformation by Human and Murine Glutathione S-Transferases. *Toxicological Sciences [Toxicol. Sci.]*. Vol. 80, no. 2, pp. 230-238. Aug 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Abu-Zreig, Majed and Rudra, Ramesh P (2002). Modelling of atrazine transport in the presence of surfactants. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 15-32.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Abuknesha, Ramadan A and Griffith, Hannah M T (2005). Generation of antiserum to Irgarol 1051 and development of a sensitive enzyme immunoassay using a new heterologous hapten derivative. *Analytical And Bioanalytical Chemistry* 381: 233-243.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Acharya, J., Gupta, A. K., Shakya, P. D., and Kaushik, M. P. (2005). Trichloroisocyanuric acid: an efficient reagent for the synthesis of dialkyl chlorophosphates from dialkyl phosphites. *Tetrahedron Letters* 46: 5293-5295.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Adeleye, I A, Okorodudu, E, and Lawal, O (2004). Effect of some herbicides used in Nigeria on Rhizobium phaseoli, Azotobacter vinelandii and Bacillus subtilis. *Journal Of Environmental Biology / Academy Of Environmental Biology, India* 25: 151-156.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Ahne, W. (1985). Studies on the Use of Fish Tissue Cultures for Toxicity Tests in Order to Reduce and Replace the Fishtests (Untersuchungen uber die Verwendung von Fischzellkulturen fur Toxizitatsbestimmungen zur Einschränkung und Ersatz des Fishtests). *Zentbl.Bakteriol., Abt 1 Orig.B* 180: 480-504 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 60692
Chemical of Concern: ATZ Rejection Code: IN VITRO/NON-ENGLISH.
- Aislabie, Jackie, Bej, Asim K., Ryburn, Janine, Lloyd, Nick, and Wilkins, Alastair (2005). Characterization of Arthrobacter nicotinovorans HIM, an atrazine-degrading bacterium, from agricultural soil New Zealand. *FEMS Microbiology Ecology* 52: 279-286.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Akhtar, M. H., Khan, S. U., and Kacew, S. (1992). Bioavailability of Bound Pesticide Residues and Potential Toxicologic Consequences. *Proc.Soc.Exp.Biol.Med.* 199: 13-21.
Chem Codes: EcoReference No.: 74453
Chemical of Concern: MOM,CBF,ATZ,DLD Rejection Code: REVIEW.
- Akhtaruzzaman, Md, Tomura, Masaaki, Nishida, Jun-ichi, and Yamashita, Yoshiro (2004). Synthesis and characterization of novel dipyritylbenzothiadiazole and bisbenzothiadiazole derivatives. *The Journal Of Organic Chemistry* 69: 2953-2958.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Akkanen, J, Penttinen, S, Haitzer, M, and Kukkonen, J V (2001). Bioavailability of atrazine, pyrene and

- benzo[a]pyrene in European river waters. *Chemosphere* 45: 453-462.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Alam, J B, Dikshit, A K, and Bandyopadhyay, M (2002). Effect of different inorganic and organic compounds on sorption of 2,4-D and atrazine. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 541-560.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Albrechtsen, H J, Mills, M S, Aamand, J, and Bjerg, P L (2001). Degradation of herbicides in shallow Danish aquifers: an integrated laboratory and field study. *Pest Management Science* 57: 341-350.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Aldrich, A. and Daniel, O. (2003). Literature Based Ecotoxicological Risk Assessment (Literaturbasierte Okotoxikologische Risikoabschätzung). *Final Rep.of Module 5a of the Proj.Org.Pollut.in Compost and Digestate in Switzerland, EPFL - Swiss Fed.Res.Stn.of Agroecol.and Agric., FAL* 68 p.
Chem Codes: EcoReference No.: 75121
 Chemical of Concern: ATZ,Captan,CPY,Folpet,IPD,MTL,PAH,PCB,PHTH,TBA,VCZ Rejection Code: REVIEW.
- Alfonso, M, Yruela, I, Almarcegui, S, Torrado, E, Perez, M A, and Picorel, R (2001). Unusual tolerance to high temperatures in a new herbicide-resistant D1 mutant from Glycine max (L.) Merr. cell cultures deficient in fatty acid desaturation. *Planta* 212: 573-582.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Allen, M. M., Turnburke, A. C., Lagace, E. A., and Steinback, K. E. (1983). Effects of Photosystem II Herbicides on the Photosynthetic Membranes of the Cyanobacterium *Aphanocapsa* 6308. *Plant Physiol.* 71: 388-392.
Chem Codes: Chemical of Concern: DU,ATZ Rejection Code: IN VITRO.
- Altman, J. and Campbell, C. L. (1977). Effect of Herbicides on Plant Diseases. *Annu.Rev.Phytopathol.* 15: 361-385.
Chem Codes: EcoReference No.: 72026
 Chemical of Concern: ACR,ATZ,24DXY,DU,LNR,MBZ,PMT,SZ,DMM Rejection Code: REVIEW.
- Ammon, H. U. (1984). Factors Influencing the Herbicide Resistance and Control of Atrazine Resistant Weeds in Maize. *Schweiz.Landwirtsch.Forsch.* 23: 153-159 (GER).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Anderson, J. R. (1978). Pesticide Effects Non-target Soil Microorganisms. In: I.R.Hill and S.J.L.Wright (Eds.), *Pesticide Microbiology: Microbiological Aspects of Pesticide Behaviour in the Environment, Chapter 7, Acad.Press, London* 313, 501-533.
Chem Codes: EcoReference No.: 72133
 Chemical of Concern: SZ,ATZ,HCCCH,DLD,24DXY,LNR,PMT,DMT,DU Rejection Code: REVIEW.
- Anderson, Kristen L, Wheeler, Kevin A, Robinson, Jayne B, and Tuovinen, Olli H (2002). Atrazine mineralization potential in two wetlands. *Water Research* 36: 4785-4794.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Anderson, M. P. and Gronwald, J. W. (1991). Atrazine Resistance in a Velvetleaf (*Abutilon theophrasti*) Biotype Due to Enhanced Glutathione S-Transferase Activity. *Plant Physiol.(Bethesda)* 96: 104-109.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Anderson, T. A. and Coats, J. R. (1995). Screening Rhizosphere Soil Samples for the Ability to Mineralize Elevated Concentrations of Atrazine and Metolachlor. *J.Environ.Sci.Health Part B* 30: 473-484.
Chem Codes: Chemical of Concern: MTL,ATZ Rejection Code: FATE.
- Anderson, T. A., Kruger, E. L., and Coats, J. R. (1994). Enhanced Degradation of a Mixture of Three Herbicides in

- the Rhizosphere of a Herbicide-Tolerant Plant. *Chemosphere* 28: 1551-1557.
Chem Codes: Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE/NO DURATION/SURVEY.
- Andreou, Vangelis G. and Clonis, Yannis D. (2002). Novel fiber-optic biosensor based on immobilized glutathione S-transferase and sol-gel entrapped bromocresol green for the determination of atrazine. *Analytica Chimica Acta* 460: 151-161.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Angier, Jonathan T, McCarty, Gregory W, Rice, Clifford P, and Bialek, Krystyna (2002). Influence of a riparian wetland on nitrate and herbicides exported from an agricultural field. *Journal Of Agricultural And Food Chemistry* 50: 4424-4429.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Anipsitakis, George P and Dionysiou, Dionysios D (2003). Degradation of organic contaminants in water with sulfate radicals generated by the conjunction of peroxymonosulfate with cobalt. *Environmental Science & Technology* 37: 4790-4797.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Aoki, Motohide, Sato, Norihiro, Meguro, Ayano, and Tsuzuki, Mikio (2004). Differing involvement of sulfoquinovosyl diacylglycerol in photosystem II in two species of unicellular cyanobacteria. *European Journal Of Biochemistry / FEBS* 271: 685-693.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Aoki, Shin (2002). Creation of new supramolecular chemistry based on multiple interaction in aqueous solution. *Yakugaku Zasshi. Journal Of The Pharmaceutical Society Of Japan* 122: 793-804.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Aoki, Shin (2002). Supramolecular chemistry of multinuclear zinc(II) complexes in aqueous solution. *Yakugaku Zasshi. Journal Of The Pharmaceutical Society Of Japan* 122: 1095-1108.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Appel, P L and Hudak, P F (2001). Automated sampling of stormwater runoff in an urban watershed, north-central Texas. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 36: 897-907.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Arendt-Peter, S. and Tauchnitz, J. G. (1988). Environmental Hygiene Aspects of the Use of Plant Protection Agents (Umwelthygienische Aspekte des Einsatzes von Pflanzenschutzmitteln (PSM)). *Hercynia* 25: 386-403 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 64087
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Arias-Estevez, M, Soto-Gonzalez, B, Lopez-Periago, E, Cancho-Grande, B, and Simal-Gandara, J (2005). Atrazine sorption dynamics in acid-surface soils. *Bulletin Of Environmental Contamination And Toxicology* 75: 264-271.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Arildskov, N P, Pedersen, P G, and Albrechtsen, H J (Fate of the herbicides 2,4,5-T, atrazine, and DNOC in a shallow, anaerobic aquifer investigated by in situ passive diffusive emitters and laboratory batch experiments. *Ground Water* 39: 819-830.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Arntz, A. M., Vozar, E. M., and Delph, L. F. (2002). Serial adjustments in allocation to reproduction: Effects of photosynthetic genotype. *International Journal of Plant Sciences*, 163 (4) pp. 591-597, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.

- Asare, D. K., Sammis, T. W., Smeal, D., Zhang, H., and Sitze, D. O. (2001). Modeling an irrigation management strategy for minimizing the leaching of atrazine. *Agricultural Water Management*, 48 (3) pp. 225-238, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Aslam, M. and Huffaker, R. C. (1973). Effect of DCMU, Simazine and Atrazine on Nitrate Reductase Activity in *Hordeum vulgare* In Vitro and In Vivo. *Physiol.Plant.* 28: 400-404.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: IN VITRO.
- Asman, Willem A. H., Jorgensen, Andreas, Bossi, Rossana, Vejrup, Karl V., Bugel Mogensen, Betty, and Glasius, Marianne (2005). Wet deposition of pesticides and nitrophenols at two sites in Denmark: measurements and contributions from regional sources. *Chemosphere* 59: 1023-1031.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ayranci, Erol and Hoda, Numan (2004). Studies on removal of metribuzin, bromacil, 2,4- and atrazine from water by adsorption on high area carbon cloth. *Journal of Hazardous Materials* 112: 163-168.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ayranci, Erol and Hoda, Numan (2004). Studies on removal of metribuzin, bromacil, 2,4-D and atrazine from water by adsorption on high area carbon cloth. *Journal Of Hazardous Materials* 112: 163-168.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bacci, E., Renzoni, A., Gaggi, C., Calamari, D., Franchi, A., Vighi, M., and Severi, A. (1989). Models, Field Studies, Laboratory Experiments: An Integrated Approach to Evaluate the Environmental Fate of Atrazine (s-Triazine Herbicide). *Agric.Ecosyst.Environ.* 27: 513-522.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE/SURVEY.
- Badawy, M. I. (1998). Use and Impact of Pesticides in Egypt. *Int.J.Environ.Health Res.* 8: 223-239.
Chem Codes: Chemical of Concern: ACR,ATZ Rejection Code: REFS CHECKED/REVIEW/SURVEY.
- Ballesteros, Berta, Barcelo, Damia, Dankwardt, Andrea, Schneider, Peter, and Marco, Maria-Pilar (2003). Evaluation of a field-test kit for triazine herbicides (SensioScreen(R) TR500) as a fast assay to detect pesticide contamination in water samples. *Analytica Chimica Acta* 475: 105-115.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Banks, Kenneth E, Turner, Philip K, Wood, Sylvia H, and Matthews, Cathy (2005). Increased toxicity to *Ceriodaphnia dubia* in mixtures of atrazine and diazinon at environmentally realistic concentrations. *Ecotoxicology And Environmental Safety* 60: 28-36.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Barbash, J E, Thelin, G P, Kolpin, D W, and Gilliom, R J (Major herbicides in ground water: results from the National Water-Quality Assessment. *Journal Of Environmental Quality* 30: 831-845.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Barbieri, P., Adami, G., Favretto, A., Lutman, A., Avoscan, W., and Reisenhofer, E. (2001). Robust cluster analysis for detecting physico-chemical typologies of freshwater from wells of the plain of Friuli (northeastern Italy). *Analytica Chimica Acta* 440: 161-170.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Bard, S. M. (1999). Global Transport of Anthropogenic Contaminants and the Consequences for the Arctic Marine Ecosystem. *Mar.Pollut.Bull.* 38: 356-379.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO QUANTIFIABLE TOXICITY RESULTS/NO SPECIES/SURVEY.
- Barnes, P L and Kalita, P K (2001). Watershed monitoring to address contamination source issues and remediation

- of the contaminant impairments. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 51-56.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Barriuso, Enrique, Koskinen, William C, and Sadowsky, Michael J (2004). Solvent extraction characterization of bioavailability of atrazine residues in soils. *Journal Of Agricultural And Food Chemistry* 52: 6552-6556.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bartell, S. M., Campbell, K. R., Lovelock, C. M., Nair, S. K., and Shaw, J. L. (2000). Characterizing Aquatic Ecological Risk from Pesticides Using a Diquat Dibromide Case Study III. Ecological Process Models. *Environ.Toxicol.Chem.* 19: 1441-1453.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Bartell, S. M., Lefebvre, G., Aminski, G., Carreau, M., and Campbell, K. R. (1999). An Ecosystem Model for Assessing Ecological Risks in Ecological Risks in Quebec Rivers, Lakes, and Reservoirs. *Ecol.Model.* 124: 43-67.
Chem Codes : Chemical of Concern: ATZ Rejection Code: MODELING.
- Basagaoglu, Hakan, Ginn, Timothy R, and McCoy, Benjamin J (2002). Formulation of a soil-pesticide transport model based on a compartmental approach. *Journal Of Contaminant Hydrology* 56: 1-24.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Baudu, M, Raveau, D, and Guibaud, G (2004). Application of the IAS theory combining to a three compartments description of natural organic matter to the adsorption of atrazine or diuron on activated carbon. *Environmental Technology* 25: 763-773.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Baup, S, Wolbert, D, and Laplanche, A (2002). Importance of surface diffusivities in pesticide adsorption kinetics onto granular versus powdered activated carbon: experimental determination and modeling. *Environmental Technology* 23: 1107-1117.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Bayless, E R (Atrazine retention and degradation in the vadose zone at a till plain site in central Indiana. *Ground Water* 39 : 169-180.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Beauvais, S. L. (1997). Factors Affecting Cholinesterase Activity in Aquatic Animals. *Ph.D.Thesis, Iowa State Univ., Ames, IA* 117 p.
Chem Codes: Chemical of Concern: ATZ,CPY,MTL Rejection Code: PUBL AS/SURVEY.
- Behki, R., Topp, E., Dick, W., and Germon, P. (1993). Metabolism of the Herbicide Atrazine by Rhodococcus Strains. *Appl.Environ.Microbiol.* 59: 1955-1959.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA/METABOLISM.
- Bejarano, Adriana C., Pennington, Paul L., DeLorenzo, Marie E., and Chandler, G. Thomas (Atrazine effects on meiobenthic assemblages of a modular estuarine mesocosm. *Marine Pollution Bulletin* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Belden, Jason B and Coats, Joel R (2004). Effect of grasses on herbicide fate in the soil column: infiltration of runoff, movement, and degradation. *Environmental Toxicology And Chemistry / SETAC* 23: 2251-2258.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Belden, Jason B, Phillips, Todd A, and Coats, Joel R (2004). Effect of prairie grass on the dissipation, movement, and bioavailability of selected herbicides in prepared soil columns. *Environmental Toxicology And*

- Chemistry / SETAC* 23: 125-132.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Benada, J. (1974). The Phytotoxic Effect of Zeatin on Wheat and Barley in Glasshouse Tests (Pusobeni Zeazinu na Psenici a Jecmen ve Sklenikovych Pokusech). *Ochr.Rostl.* 10: 19-28.
Chem Codes: EcoReference No.: 29804
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Bending, Gary D, Friloux, Maxime, and Walker, Allan (2002). Degradation of contrasting pesticides by white rot fungi and its relationship with ligninolytic potential. *FEMS Microbiology Letters* 212: 59-63.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bennett, D. H., Kastenber, W. E., and McKone, T. E. (1999). A Multimedia, Multiple Pathway Risk Assessment of Atrazine: The Impact of Age Differentiated Exposure Including Joint Uncertainty and Variability. *Reliab.Eng.Syst.Saf.* 63: 185-198.
Chem Codes: EcoReference No.: 65021
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Benson, D., Baker, C. D., Forsyth, B. J., and Castrale, J. S. (1985). Herbicide (Alachlor, Atrazine, Linuron and Paraquat) Residues in Deer Mice Inhabiting Conventional and Minimum Tillage Row-Crop Fields. *Proc.Indiana Acad.Sci.* 94: 373-380.
Chem Codes: Chemical of Concern: PAQT,LNR,ACR,ATZ Rejection Code: NO DURATION/SURVEY.
- Berard, A. and Pelte, T. (1996). Effects of Atrazine on the Evolution of Lacustrine Phytoplanktonic Communities -- In Situ Study with Experimental Enclosures (Effets de l'atrazine sur l'evolution des Peuplements Phytoplanktoniques Lacustres-Etude en Enceintes Experimentales In Situ). *Ecologie.Brunoy* 27: 195-201.
Chem Codes: EcoReference No.: 73453
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Berl, Volker, Schmutz, Marc, Krische, Michael J, Khoury, Richard G, and Lehn, Jean-Marie (2002). Supramolecular polymers generated from heterocomplementary monomers linked through multiple hydrogen-bonding arrays--formation, characterization, and properties. *Chemistry (Weinheim An Der Bergstrasse, Germany)* 8: 1227-1244.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Bernard, H, Chabaliere, P F, Chopart, J L, Legube, B, and Vauclin, M (Assessment of herbicide leaching risk in two tropical soils of Reunion Island (France). *Journal Of Environmental Quality* 34: 534-543.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bertram, P., Warren, G., and Horvatin, P. (2000). Lake Michigan (USA) Mass Balance Study: Modeling Fate, Transport and Bioaccumulation of PCBs, Atrazine, trans-Nonachlor and Mercury. *Verh.Int.Ver.Limnol.* 27: 795-799.
Chem Codes: Chemical of Concern: PCB,ATZ,Hg Rejection Code: FATE/MODELING/SURVEY.
- Bertram, P., Warren, G., Horvatin, P., International Association of Theoretical and Applied Limnology, (v.p.), and Williams, W. D. (ed) (2001). Lake Michigan (USA) Mass Balance Study: modeling fate, transport and bioaccumulation of PCBs, atrazine, trans-nonachlor and mercury. *Schweizerbart'sche Verlagsbuchhandlung, Stuttgart (FRG), 27th Congress in Dublin, Dublin (Eire), 1998.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING,FATE.
- Berube, V. E., Boily, M. H., DeBlois, C., Dassylva, N., and Spear, P. A. (2005). Plasma Retinoid Profile in Bullfrogs, *Rana catesbeiana*, in Relation to Agricultural Intensity of Sub-watersheds in the Yamaska River Drainage Basin, Quebec, Canada. *Aquat.Toxicol.* 71: 109-120.
Chem Codes: Chemical of Concern: DMB,BT,MTL,SZ,ATZ Rejection Code: NO

DURATION/SURVEY.

- Berube, Virginie E., Boily, Monique H., DeBlois, Chistian, Dassylva, Nathalie, and Spear, Philip A. (2005). Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, Quebec, Canada. *Aquatic Toxicology* 71: 109-120.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Bester, K. (2000). Effects of Pesticides on Seagrass Beds. *Helgol.Mar.Res.* 54: 95-98.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO DURATION/SURVEY.
- Bester, K. and Huhnerfuss, H. (1993). Triazines in the Baltic and North Sea. *Mar.Pollut.Bull.* 26: 423-427.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Bestwick, Charles S., Adam, Attila L., Puri, Nakul, and Mansfield, John W. (2001). Characterisation of and changes to pro and anti-oxidant enzyme activities during the hypersensitive reaction in lettuce (*Lactuca sativa* L.). *Plant Science* 161: 497-506.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Bettini, P., Chiarugi, P., and Buiatti, M. (1998). An In Vitro Molecular Study of the *Nicotiana tabacum* L. Genome in the Presence or Absence of the Herbicide Atrazine. *Theor.Appl.Genet.* 96: 242-250.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Betts, Kellyn (2002). More evidence that atrazine may affect frog sexuality. *Environmental Science & Technology* 36: 444A-445A.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Bezhanishvili, K. N., Kakhiashvili, K. A., and Ugrehelidze, D. S. (1981). Effect of Atrazine on the Contents of Some Phenolic Compounds in Grapes. *Soobshch.Akad.Nauk.Gruz.SSR* 103: 177-180 (RUS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Biagianti, S. (1989). Influence of the Salinity on the Toxicity of Atrazine (Triazine Herbicide) to *Liza ramada* (Teleost, Mugilidae) (Influence de la Salinite sur la Toxicite de l'Atrazine (S-Triazine Herbicide) chez *Liza ramada* (Teleosteen, Mugilide)). *Bull.Soc.Zool.Fr.* 114: 144-145 (ABS) (FRE).
Chem Codes: EcoReference No.: 228
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Bielejewska, A G, Marjo, C E, Prins, L J, Timmerman, P, de Jong, F, and Reinhoudt, D N (2001). Thermodynamic stabilities of linear and crinkled tapes and cyclic rosettes in melamine--cyanurate assemblies: a model description. *Journal Of The American Chemical Society* 123: 7518-7533.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Bigwaneza, P. C., Fortin, J., Antoun, H., Ndayegamiye, A., and Co(circumflex)te(acute), D. (2003). Effect of long-term liquid pig manure application on atrazine mineralization in a soil cultivated with maize. *Biology and Fertility of Soils*, 38 (4) pp. 191-199, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bioko, V. S., Degtyareva, M. G., and Kazakova, I. P. (1975). Atrazine Mobility in Soil in Relation to the Nutrient Level. *Dokl.Vses.Orderna.Lenina.Akad.S-Kh.Nauk.Im.V.I.Lenina.* 8: 14-16 (RUS).
Chem Codes: EcoReference No.: 58618
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Birdsall, K, Kukor, J J, and Cheney, M A (2001). Uptake of polycyclic aromatic hydrocarbon compounds by the gills of the bivalve mollusk *Elliptio complanata*. *Environmental Toxicology And Chemistry / SETAC* 20: 309-316.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.

- Bishop, C. A., Mahony, N. A., Struger, J., Ng, P., and Pettit, K. E. (1999). Anuran Development, Density and Diversity in Relation to Agricultural Activity in the Holland River Watershed, Ontario, Canada (1990-1992). *Environ.Monit.Assess.* 57 : 21-43.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT/SURVEY.
- Bishop, Edmund J and Mitra, Somenath (2004). Hollow fiber membrane concentrator for on-line preconcentration. *Journal Of Chromatography* 1046: 11-17.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Bisson, Marjolaine and Hontela, Alice (2002). Cytotoxic and endocrine-disrupting potential of atrazine, diazinon, endosulfan, and mancozeb in adrenocortical steroidogenic cells of rainbow trout exposed in vitro. *Toxicology And Applied Pharmacology* 180: 110-117.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Bjarnason, Bjarni, Chimuka, Luke, Onnerfjord, Patrik, Eremin, Sergei, Jonsson, Jan-Ake, Johansson, Gillis, and Emneus, Jenny (2001). Enzyme flow immunoassay using a Protein G column for the screening of triazine herbicides in surface and waste water. *Analytica Chimica Acta* 426: 197-207.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Blanchoud, Helene, Garban, Brigitte, Ollivon, Donatienne, and Chevreuil, Marc (2002). Herbicides and nitrogen in precipitation: progression from west to east and contribution to the Marne river (France). *Chemosphere* 47: 1025-1031.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Blanck, H. (2002). A Critical Review of Procedures and Approaches Used for Assessing Pollution-Induced Community Tolerance (PICT) in Biotic Communities. *Hum.Ecol.Risk Assess.* 8: 1003-1034.
Chem Codes: EcoReference No.: 77876
Chemical of Concern: Cu,Zn,Ni,Hg,Cd,As,TBT,DU,ATZ Rejection Code: REVIEW.
- Blanck, Hans (2002). A Critical Review of Procedures and Approaches Used for Assessing Pollution-Induced Community Tolerance (PICT) in Biotic Communities. *Human and Ecological Risk Assessment* 8: 1003-1034.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Blaustein, A. R. and Johnson, P. T. J. (2003). Explaining Frog Deformities. An Eight-Year Investigation into the Cause of a Shocking Increase in Deformed Amphibians has Sorted Out the Roles of Three Prime Suspects. *Sci.Am.* 61-65.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Blume, Elena, Bischoff, Marianne, Moorman, Thomas B, and Turco, Ronald F (2004). Degradation and binding of atrazine in surface and subsurface soils. *Journal Of Agricultural And Food Chemistry* 52: 7382-7388.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Boden, J, Likeman, P, and Clark, R (Some effects of disinfecting solutions on the properties of alginate impression material and dental stone. *The European Journal Of Prosthodontics And Restorative Dentistry* 9: 131-135.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Bodo, B. A. (1991). Trend Analysis and Mass-Discharge Estimation of Atrazine in Southwestern Ontario Great Lakes Tributaries: 1981-1989. *Environ.Toxicol.Chem.* 10 : 1105-1121.
Chem Codes: EcoReference No.: 61119
Chemical of Concern: ATZ Rejection Code: NO SPECIES/SURVEY .
- Boivin, Arnaud, Cherrier, Richard, and Schiavon, Michel (2005). A comparison of five pesticides adsorption and desorption processes in thirteen contrasting field soils. *Chemosphere* 61: 668-676.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Bolhar-Nordenkamp, H. R. (1975). Changes in Chlorophyll Content in Ontogenetically Different Leaves of Phaseolus Vulgaris Var. Nanus L. After Atrazine Application (Die Veränderungen des Chlorophyllgehaltes in Ontogenetisch verschiedenen Blättern von Phaseolus vulgaris var. nanus l. nach Behandlung mit Atrazin). *Biochem. Physiol. Pflanz. (BPP)* 167: 41-64.
Chem Codes: EcoReference No.: 30772
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Boorman, David B (2003). LOIS in-stream water quality modelling. Part 1. Catchments and methods. *The Science Of The Total Environment* 314-316: 379-395.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Borbely, G. (1971). In Vivo and In Vitro Effect of Hungazin Pk and Merkazin on Pollen in the Hybrid Maize Mv-5. *Novenyterme* 20: 221-226.
Chem Codes: EcoReference No.: 26788
 Chemical of Concern: ATZ Rejection Code: IN VITRO/NON-ENGLISH.
- Borisover, M, Graber, E R, Bercovich, F, and Gerstl, Z (2001). Suitability of dye-clay complexes for removal of non-ionic organic compounds from aqueous solutions. *Chemosphere* 44: 1033-1040.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Botre, F., Podesta, E., Silvestrini, B., and Botre, C. (2001). Toxicity Testing in Environmental Monitoring: The Role of Enzymatic Biosensors. *Ann. Ist. Super. Sanita* 37: 607-613.
Chem Codes: EcoReference No.: 69171
 Chemical of Concern: 24DC, ATZ Rejection Code: REFS CHECKED/REVIEW.
- Bouchard, Dermont C (2002). Cosolvent effects on sorption isotherm linearity. *Journal Of Contaminant Hydrology* 56: 159-174.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bouilly, K., McCombie, H., Leitao, A., and Lapegue, S. (2003). Persistence of atrazine impact on aneuploidy in the Pacific oyster, Crassostrea gigas. *Journal of Shellfish Research [J. Shellfish Res.]*. 22: 320.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Bouldin, J L, Farris, J L, Moore, M T, Smith, S Jr, Stephens, W W, and Cooper, C M (2005). Evaluated fate and effects of atrazine and lambda-cyhalothrin in vegetated and unvegetated microcosms. *Environmental Toxicology* 20: 487-498.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Boutet, I., Meistertzheim, A. L., Tanguy, A., Thebault, M. T., and Moraga, D. (2005). Molecular Characterization and Expression of the Gene Encoding Aspartate Aminotransferase from the Pacific Oyster Crassostrea gigas Exposed to Environmental Stressors. *Comp. Biochem. Physiol. C* 140: 69-78.
Chem Codes: Chemical of Concern: ATZ, DU Rejection Code: MIXTURE.
- Boutet, Isabelle, Tanguy, Arnaud, and Moraga, Dario (2004). Molecular identification and expression of two non-P450 enzymes, monoamine oxidase A and flavin-containing monooxygenase 2, involved in phase I of xenobiotic biotransformation in the Pacific oyster, Crassostrea gigas. *Biochimica Et Biophysica Acta* 1679: 29-36.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Bowmer, K., Korth, W., Thomas, M., and McCorkelle, G. (1994). River Pollution with Agricultural Chemicals. In: J. Roberts and R. Oliver (Eds.), *The Murrumbidgee: Past and Present, A Forum on Past and Present Res. on the Lower Murrumbidgee River, Apr. 1994, New South Wales, Australia, Csiro Publ., E. Melbourne, Victoria, Australia* 7-19.
Chem Codes: Chemical of Concern: MLT, CPY, ATZ, MLN Rejection Code: NO SPECIES.

- Boxall, A. B. A., Brown, C. D., and Barrett, K. L. (2002). Higher-Tier Laboratory Methods for Assessing the Aquatic Toxicity of Pesticides. *Pest Manag.Sci.* 58: 637-648.
Chem Codes: EcoReference No.: 68423
 Chemical of Concern: Zn,NYP,PCP,ATZ,Cu,CPY,TXP,PRN,HCCH Rejection Code: METHODS/REFS CHECKED/REVIEW.
- Braden, J. B., Herricks, E. E., and Larson, R. S. (1989). Economic Targeting of Nonpoint Pollution Abatement for Fish Habitat Protection. *Water Resour.Res.* 25: 2399-2405.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING/NO TOX DATA.
- Brand, R. M., Charron, A. R., Dutton, L., Gavlik, T. L., Mueller, C., Hamel, F. G., Chakkalakal, D., and Donohue, T. M. Jr (2004). Effects of chronic alcohol consumption on dermal penetration of pesticides in rats. *Journal of Toxicology and Environmental Health, Part A: Current Issues [J. Toxicol. Environ. Health, A: Curr. Iss.].* Vol. 67, no. 2, pp. 153-161. 23 Jan 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Brand, Rhonda M., Cetin, Yuksel, Mueller, Cynthia, and Cuppett, Susan L. (2005). Effect of fatty acids on herbicide transport across Caco-2 cell monolayers. *Toxicology in Vitro* 19: 595-601.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Brand, Rhonda M and Mueller, Cynthia (2002). Transdermal penetration of atrazine, alachlor, and trifluralin: effect of formulation. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 68: 18-23.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO EFFECT.
- Brena, Beatriz M, Arellano, Lourdes, Rufo, Caterina, Last, Michael S, Montano, Jorge, Egana Cerni, Eduardo, Gonzalez-Sapienza, Gualberto, and Last, Jerold A (2005). ELISA as an affordable methodology for monitoring groundwater contamination by pesticides in low-income countries. *Environmental Science & Technology* 39: 3896-3903.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Brewer, P. E., Arntzen, C. J., and Slife, F. W. (1979). Effects of Atrazine, Cyanazine, and Procyazine on the Photochemical Reactions of Isolated Pea Chloroplasts. *Weed Sci.* 27: 300-308.
Chem Codes: EcoReference No.: 41507
 Chemical of Concern: ATZ,CZE Rejection Code: IN VITRO.
- Brian, R. C. (1964). The Classification of Herbicides and Types of Toxicity. In: L.J.Audus (Ed.), *The Physiology and Biochemistry of Herbicides, Chapter 1, Acad.Press, London* 1-37.
Chem Codes: EcoReference No.: 27453
 Chemical of Concern: NH,Cu,Fe,As,24DXY,DU,LNR,SZ,ATZ,PCP,EDT,PL Rejection Code: REVIEW.
- Briand, Olivier, Millet, Maurice, Bertrand, Florence, Clement, Michel, and Seux, Rene (2002). Assessing the transfer of pesticides to the atmosphere during and after application. Development of a multiresidue method using adsorption on Tenax and thermal desorption-GC/MS. *Analytical And Bioanalytical Chemistry* 374: 848-857.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Bridges, C., Little, E., Gardiner, D., Petty, J., and Huckins, J. (2004). Assessing the Toxicity and Teratogenicity of Pond Water in North-Central Minnesota to Amphibians. *Environ.Sci.Pollut.Res.* 11: 233-239.
Chem Codes: Chemical of Concern: ATZ,CBL Rejection Code: EFFLUENT.
- Bridges, Christine, Little, Edward, Gardiner, David, Petty, James, and Huckins, James (2004). Assessing the toxicity and teratogenicity of pond water in north-central Minnesota to amphibians. *Environmental Science And Pollution Research International* 11: 233-239.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.

- Brown, N W, Roberts, E P L, Chasiotis, A, Cherdron, T, and Sanghrajka, N (2004). Atrazine removal using adsorption and electrochemical regeneration. *Water Research* 38: 3067-3074.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Buhler, D. D. (1991). Early Preplant Atrazine and Metolachlor in Conservation Tillage Corn (Zea mays). *Weed Technol.* 5: 66-71.
Chem Codes: EcoReference No.: 74026
Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Buhler, D. D., Schreiber, M. M., and Koskinen, W. C. (1994). Weed Control with Starch-Encapsulated Alachlor, Metolachlor, and Atrazine. *Weed Technol.* 8: 277-284.
Chem Codes: EcoReference No.: 74035
Chemical of Concern: MTL,ACR,ATZ Rejection Code: MIXTURE.
- Burgos, N. R. and Talbert, R. E. (1996). Weed Control and Sweet Corn (Zea mays var. Rugosa) Response in a No-Till System with Cover Crops. *Weed Sci.* 44: 355-361.
Chem Codes: EcoReference No.: 74030
Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Burkart, M, Kolpin, D W, Jaquis, R, and Cole, K (2001). Soil characteristics and agrichemicals in groundwater of the midwestern United States. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 43: 251-260.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Burkhard, N. and Guth, J. A. (1976). Photodegradation of Atrazine, Atraton and Ametryne in Aqueous Solution with Acetone as a Photosensitiser. *Pestic.Sci.* 7: 65-71.
Chem Codes: EcoReference No.: 61156
Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Burkhardt, Michael, Stamm, Christian, Waul, Christopher, Singer, Heinz, and Muller, Stephan (Surface runoff and transport of sulfonamide antibiotics and tracers on manured grassland. *Journal Of Environmental Quality* 34: 1363-1371.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Cacho, C., Turiel, E., Martin-Esteban, A., Perez-Conde, C., and Camara, C. (2004). Characterisation and quality assessment of binding sites on a propazine-imprinted polymer prepared by precipitation polymerisation. *Journal of Chromatography B* 802: 347-353.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Cai, B, Han, Y, Liu, B, Ren, Y, and Jiang, S (2003). Isolation and characterization of an atrazine-degrading bacterium from industrial wastewater in China. *Letters In Applied Microbiology* 36: 272-276.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Call, D. J. (2003). Response to Reviews on Ambient Water Quality Criteria Document for Atrazine. Section 1, 1.2 Reviews, 1.2.1 Atrazine. 1-22.
Chem Codes : Chemical of Concern: ATZ Rejection Code: NO TOX DATA/REVIEW.
- Campbell, B. C. (1988). The Effect of Plant Growth Regulators and Herbicides on Host Plant Quality to Insects. In: *E.A.Heinrichs, Plant Stress-Insect Interactions, John Wiley and Sons, NY* 205-247.
Chem Codes: EcoReference No.: 72128
Chemical of Concern: 24DXY,ATZ,ACR,DMB,GYP,DU,CBL Rejection Code: REVIEW.
- Canadian Council of Resource and Environment Ministers (1989). Canadian Water Quality Guidelines: Updates (September 1989). Appendix V. *Prepared by the Task Force on Water Quality Guidelines of the Canadian Water Council of Resource and Environmental Ministers.*

- Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Cao, Fang and Chen, Jiang Ye (2005). Cloning and functional study of CaPpe1 in *Candida albicans* by using *Saccharomyces cerevisiae* model system. *Shi Yan Sheng Wu Xue Bao = Journal Of Experimental Biology* 38: 119-125.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Capel, P D and Larson, S J (2001). Effect of scale on the behavior of atrazine in surface waters. *Environmental Science & Technology* 35: 648-657.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Carabias-Martinez, Rita, Rodriguez-Gonzalo, Encarnacion, Fernandez-Laespada, M Esther, Calvo-Seronero, Lorenzo, and Sanchez-San Roman, Francisco Javier (2003). Evolution over time of the agricultural pollution of waters in an area of Salamanca and Zamora (Spain). *Water Research* 37: 928-938.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Caracciolo, Anna Barra, Giuliano, Giuseppe, Grenni, Paola, Cremisini, Carlo, Ciccoli, Roberto, and Ubaldi, Carla (2005). Effect of urea on degradation of terbuthylazine in soil. *Environmental Toxicology And Chemistry / SETAC* 24: 1035-1040.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Cardozo, Soledad, Gonzalez-Techera, Andres, Last, Jerold A, Hammock, Bruce D, Kramer, Karl, and Gonzalez-Sapienza, Gualberto G (2005). Analyte peptidomimetics selected from phage display peptide libraries: a systematic strategy for the development of environmental immunoassays. *Environmental Science & Technology* 39: 4234-4241.
Chem Codes: Chemical of Concern: ATZ Rejection Code: VIRUS.
- Carney, E., Butler, M. K., and Hays, E. (1991). Atrazine in Kansas. *Atrazine in Kansas, Second Edition, Kans. Dep. of Health and Environ., Topeka, KS* 1-34.
Chem Codes: EcoReference No.: 72085
Chemical of Concern: ATZ Rejection Code: REVIEW.
- Cassano, G., Bellantuono, V., Ardizzone, C., and Lippe, C. (2006). Atrazine Increases the Sodium Absorption in Frog (*Rana esculenta*) Skin. *Environ. Toxicol. Chem.* 25: 509-513.
Chem Codes: Chemical of Concern: ATZ,PMT,SZ Rejection Code: IN VITRO.
- Castelo-Grande, Teresa, Augusto, Paulo A., and Barbosa, Domingos (2005). Removal of pesticides from soil by supercritical extraction--a preliminary study. *Chemical Engineering Journal* 111: 167-171.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Cataneo, A. C., Chamma, K. L., Ferreira, L. C., Gomes De(acute)stro, G. F., Carvalho, J. C., and Barbosa Novelli, E. L. (2002). Glutathione S-transferase activity in acetochlor, atrazine and oxyfluorfen metabolism in maize (*Zea mays* L.), sorghum (*Sorghum bicolor* L.) and wheat (*Triticum aestivum* L.) (Poaceae). *Acta Scientiarum - Biological and Health Sciences*, 24 (2) pp. 619-623, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Cerdeira, A. L., Dos Santos, N. A. G., Pessoa MCPY, Gomes, M. A. F., and Lanchote, V. L. (2005). Herbicide leaching on a recharge area of the Guarany aquifer in Brazil. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 40 (1) pp. 159-165, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Cerdeira, A L, Santos, N A G, Ueta, J, Shuhama, I K, Pessoa, M C P Y, Smith, S Jr, and Lanchote, V L (2004). Atrazine in water and biodegradation in a recharge area of Guarany aquifer in Brazil. *Bulletin Of Environmental Contamination And Toxicology* 73: 117-124.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Cerejeira, M J, Viana, P, Batista, S, Pereira, T, Silva, E, Valerio, M J, Silva, A, Ferreira, M, and Silva-Fernandes, A M (2003). Pesticides in Portuguese surface and ground waters. *Water Research* 37: 1055-1063.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Chan, K H and Chu, W (2003). The dose and ratio effects of Fe(II) and H₂O₂ in Fenton's process on the removal of atrazine. *Environmental Technology* 24: 703-710.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chan, K. H. and Chu, W. (2005). Effect of humic acid on the photolysis of the pesticide atrazine in a surfactant-aided soil-washing system in acidic condition. *Water Research* 39: 2154-2166.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chan, K. H. and Chu, W. (2003). Modeling the reaction kinetics of Fenton's process on the removal of atrazine. *Chemosphere* 51: 305-311.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Chan, K H and Chu, W (2003). Modeling the reaction kinetics of Fenton's process on the removal of atrazine. *Chemosphere* 51: 305-311.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Chan, K. H. and Chu, W. (2003). The system design of atrazine oxidation by catalytic oxidation process through a kinetic approach. *Water Research* 37: 3997-4003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chang, Y J, Hussain, A K, Stephen, J R, Mullen, M D, White, D C, and Peacock, A (2001). Impact of herbicides on the abundance and structure of indigenous beta-subgroup ammonia-oxidizer communities in soil microcosms. *Environmental Toxicology And Chemistry / SETAC* 20: 2462-2468.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Chappell, Mark A, Laird, David A, Thompson, Michael L, Li, Hui, Teppen, Brian J, Aggarwal, Vaneet, Johnston, Cliff T, and Boyd, Stephen A (2005). Influence of smectite hydration and swelling on atrazine sorption behavior. *Environmental Science & Technology* 39: 3150-3156.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Charlton, K, Harris, W J, and Porter, A J (2001). The isolation of super-sensitive anti-hapten antibodies from combinatorial antibody libraries derived from sheep. *Biosensors & Bioelectronics* 16: 639-646.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Charnay, M. P., Tuis, S., Coquet, Y., and Barriuso, E. (2005). Spatial variability in ¹⁴C-herbicide degradation in surface and subsurface soils. *Pest Management Science*, 61 (9) pp. 845-855, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Charnay, Marie-Paule, Tuis, Sebastien, Coquet, Yves, and Barriuso, Enrique (2005). Spatial variability in ¹⁴C-herbicide degradation in surface and subsurface soils. *Pest Management Science* 61: 845-855.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chefetz, Benny (2003). Sorption of phenanthrene and atrazine by plant cuticular fractions. *Environmental Toxicology And Chemistry / SETAC* 22: 2492-2498.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chefetz, Benny, Bilkis, Yitzhak I, and Polubesova, Tamara (2004). Sorption-desorption behavior of triazine and phenylurea herbicides in Kishon river sediments. *Water Research* 38: 4383-4394.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chemat, Farid and Poux, Martine (2001). Microwave assisted pyrolysis of urea supported on graphite under solvent-

- free conditions. *Tetrahedron Letters* 42: 3693-3695.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Cheney, M. A., Fiorillo, R., and Criddle, R. S. (1997). Herbicide and Estrogen Effects on the Metabolic Activity of *Elliptio complanata* Measured by Calorespirometry. *Comp.Biochem.Physiol.C* 118: 159-164.
Chem Codes: Chemical of Concern: ATZ,24DXY Rejection Code: IN VITRO.
- Cherrier, Richard, Boivin, Arnaud, Perrin-Ganier, Corinne, and Schiavon, Michel (2005). Sulcotrione versus atrazine transport and degradation in soil columns. *Pest Management Science* 61: 899-904.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chovanec, A., Vogel, W. R., LORBEER, G., HANUS-ILLNAR, A., and SEIF, P. (1994). Chlorinated Organic Compounds, PAHs, and Heavy Metals in Sediments and Aquatic Mosses of Two Upper Austrian Rivers. *Chemosphere* 29: 2117-2133.
Chem Codes: Chemical of Concern: ATZ,PAH,PCB Rejection Code: NO DURATION/SURVEY.
- Chovanec, A., Vogel, W. R., and Winkler, G. (1996). Aspects of Water Pollution Control of Austrian Rivers. *Arch.Hydrobiol. Suppl.* 113: 381-388.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Christensen, E R, Chen, D, Nyholm, N, and Kusk, K O (2001). Joint action of chemicals in algal toxicity tests: influence of response level and dose-response regression model. *Environmental Toxicology And Chemistry / SETAC* 20: 2361-2369.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Christin, Marie-Soleil, Gendron, Andree D, Brousseau, Pauline, Menard, Lucie, Marcogliese, David J, Cyr, Daniel, Ruby, Sylvia, and Fournier, Michel (2003). Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection. *Environmental Toxicology And Chemistry / SETAC* 22: 1127-1133.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Chung, K., Starrett, S., Chung, Y., and Ro, K. S. (1998). Pesticides and Herbicides. *Water Environ.Res.* 70: 693-697.
Chem Codes: EcoReference No.: 70201
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Chung, Namhyun and Alexander, Martin (2002). Effect of soil properties on bioavailability and extractability of phenanthrene and atrazine sequestered in soil. *Chemosphere* 48: 109-115.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chung, Se-woong and Gu, Roy R. (2003). Estimating time-variable transformation rate of atrazine in a reservoir. *Advances in Environmental Research* 7: 933-947.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in Eleven States in the Central United States (1975-1991). *Tech.Rep.11-92, Ciba-Geigy Corp., Agric.Group, Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in Iowa, 1975-1993. *Tech.Rep.2-94, Ciba-Geigy Corp., Agric.Group, Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in the Chesapeake Bay Watershed (1976-1991). *Tech.Rep.3-92, Ciba-Geigy Corp., Agric.Group, Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.

- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in the Mississippi, Missouri, and Ohio Rivers, 1975-1991. *Tech.Rep.6-92, Ciba-Geigy Corp., Agric.Group, Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in the Mississippi River near Baton Rouge-St. Gabriel, Louisiana. *Tech.Rep.1-92, Ciba-Geigy Corp., Agric.Group, Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Ciba-Geigy Corporation (1992). A Review of Historical Surface Water Monitoring for Atrazine in Illinois (1975-1988). *Tech.Rep.5-92, Ciba-Geigy Corp., Agric.Div., Environ.and Public Affairs Dep., Greensboro, NC 67 p.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Citra, Mario J (2004). Incorporating Monte Carlo analysis into multimedia environmental fate models. *Environmental Toxicology And Chemistry / SETAC* 23: 1629-1633.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Ciumasu, Ioan M., Kramer, Petra M., Weber, Cristina M., Kolb, Gunther, Tiemann, David, Windisch, Stefan, Frese, Ines, and Kettrup, Antonius A. (2005). A new, versatile field immunosensor for environmental pollutants: Development and proof of principle with TNT, diuron, and atrazine. *Biosensors and Bioelectronics* 21: 354-364.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Clark, G. M., Goolsby, D. A., and Battaglin, W. A. (1999). Seasonal and Annual Load of Herbicides from the Mississippi River Basin to the Gulf of Mexico. *Environ.Sci.Technol.* 33: 981-986.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE/NO SPECIES/SURVEY.
- Clarke, S. M., Funk, C., Hendry, G. S., Shand, J. A., Wydrzynski, T., and Eaton-Rye, J. J. (2002). Amino acid deletions in the cytosolic domains of the chlorophyll a-binding protein CP47 slow Q^A-oxidation and/or prevent the assembly of Photosystem II. *Plant Molecular Biology*, 50 (3) pp. 563-572, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Clausen, Gorm Bang, Larsen, Lise, Johnsen, Kaare, Radnoti de Liphay, Julia, and Aamand, Jens (2002). Quantification of the atrazine-degrading Pseudomonas sp. strain ADP in aquifer sediment by quantitative competitive polymerase chain reaction. *FEMS Microbiology Ecology* 41: 221-229.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Clausen, L and Fabricius, I (Atrazine, isoproturon, mecoprop, 2,4-D, and bentazone adsorption onto iron oxides. *Journal Of Environmental Quality* 30: 858-869.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Clausen, L, Fabricius, I, and Madsen, L (Adsorption of pesticides onto quartz, calcite, kaolinite, and alpha-alumina. *Journal Of Environmental Quality* 30: 846-857 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Coban, A., Norwood, A. B., Sistrunk, S. C., and Filipov, N. M. (2004). Influence of 14-Day Exposure to Atrazine on Striatal Neurochemistry in Juvenile Male C57BL/6 Mice. *Toxicologist* 78: 277.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Cohen, M Michael Jr (2003). One froggy evening. *Am J Med Genet A* 118: 96-98.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Colbert, A. A., Scott, G. I., Fulton, M. H., Wirth, E. F., Daugomah, J. W., Key, P. B., Strozier, E. D., and Galloway,

- S. B. (1999). Investigation of Unusual Mortalities of Bottlenose Dolphins Along the Mid-texas Coastal Bay Ecosystem During 1992. *NOAA Tech.Rep.NMFS* 147: 1-23.
Chem Codes: Chemical of Concern: ATZ Rejection Code: INCIDENT/NO DURATION/SURVEY.
- Coleman, J. O. D., Frova, C., Schro(dieresis)der, P., and Tissut, M. (2002). Exploiting plant metabolism for the phytoremediation of persistent herbicides. *Environmental Science and Pollution Research*, 9 (1) pp. 18-28, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Comber, S. D. W. (1999). Abiotic Persistence of Atrazine and Simazine in Water. *Pestic.Sci.* 55: 696-702.
Chem Codes: Chemical of Concern: ATZ,SZ Rejection Code: NO SPECIES/SURVEY.
- Cooper, R. L., Goldman, J. M., and Stoker, T. E. (1999). Neuroendocrine and Reproductive Effects of Contemporary-Use Pesticides . *Toxicol.Ind.Health* 15: 26-36.
Chem Codes: EcoReference No.: 70841
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Cooter, Ellen J and Hutzell, William T (2002). A regional atmospheric fate and transport model for atrazine. 1. Development and implementation. *Environmental Science & Technology* 36: 4091-4098.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Cooter, Ellen J, Hutzell, William T, Foreman, William T, and Majewski, Michael S (2002). A regional atmospheric fate and transport model for atrazine. 2. Evaluation. *Environmental Science & Technology* 36: 4593-4599.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Copping, L. G. and Davis, D. E. (1972). Effects of Atrazine on Chlorophyll Retention in Corn Leaf Discs. *Weed Sci.* 20: 86-89.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Coquet, Yves (2003). Variation of pesticide sorption isotherm in soil at the catchment scale. *Pest Management Science* 59: 69-78.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Coquet, Yves, Ribiere, Catherine, and Vachier, Pierre (2004). Pesticide adsorption in the vadose zone: a case study on Eocene and Quaternary materials in Northern France. *Pest Management Science* 60: 992-1000.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Herbicides Interfering with Photosynthesis. In: *The Biochemical Mode of Action of Pesticides, Second Edition, Acad.Press, London* 50-98.
Chem Codes: EcoReference No.: 72146
 Chemical of Concern: BMN,MBZ,DU,LNR,ATZ,SZ,DMM Rejection Code: REVIEW.
- Cornelissen, Emile R., Verdouw, Jil, Gijsbertsen-Abrahamse, Anneke J., and Hofman, Jan A. M. H. (2005). A nanofiltration retention model for trace contaminants in drinking water sources. *Desalination* 178: 179-192.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Cornelissen, Gerard, Haftka, Joris, Parsons, John, and Gustafsson, Orjan (2005). Sorption to black carbon of organic compounds with varying polarity and planarity. *Environmental Science & Technology* 39: 3688-3694.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Corry, Bobby, Uilk, Janelle, and Crawley, Charlene (2003). Probing direct binding affinity in electrochemical antibody-based sensors. *Analytica Chimica Acta* 496: 103-116.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.

- Cougnaud, A, Faur, C, and Le Cloirec, P (2005). Removal of pesticides from aqueous solution: Quantitative relationship between activated carbon characteristics and adsorption properties. *Environmental Technology* 26: 857-866.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Council on Environmental Quality (CEQ) (1984). Environ.Qual., 15th Rep., Washington, DC.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA .
- Coupe, R. H., Henebry, M. S., and Branham, M. R. (1993). Assessing the Effect of Pesticides in Agricultural Runoff on Aquatic Life in the Sangamon River near Monticello, Illinois. *Water Sci.Technol.* 28: 569-573.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT/SURVEY.
- Crabtree, C., Smith, E. E., and Carr, J. A. (2003). Histology of the Gonads and Analysis of Hormone Levels in the Native Bull Frog (*Rana catesbiena*) Collected from Agricultural Areas in Southern Iowa: Pilot Project. *Final Rep.TTU-02, Inst.of Environ.and Hum.Health, Texas Tech.Univ., Lubbock, TX* 1-20.
Chem Codes: EcoReference No.: 78085
Chemical of Concern: SZ,DIAZ,ATZ Rejection Code: NO DURATION/SURVEY.
- Crain, D. A., Guillette, L. J. Jr., Pickford, D. B., Percival, H. F., and Woodward, A. (1998). Sex-Steroid and Thyroid Hormone Concentrations in Juvenile Alligators (*Alligator mississippiensis*) from Contaminated and Reference Lakes in Florida. *Environ.Toxicol.Chem.* 17: 446-452 .
Chem Codes: EcoReference No.: 70209
Chemical of Concern: ATZ Rejection Code: NO CONC/NO DURATION/SURVEY.
- Cringan, M. S. (1988). Regional Ambient Fish Tissue Monitoring Program (RAFTMP) and Kansas Follow-Up Studies Program (KFSP) 1988 Summary Report. *Kans.Dep..of Health and Environ., Bur.of Environ.Qual., Div.of Environ.* 1-25.
Chem Codes: EcoReference No.: 79809
Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Cui, Hua, Hwang, Huey-Min, Zeng, Kui, Glover, Hollis, Yu, Hongtao, and Liu, Yiming (2002). Riboflavin-photosensitized degradation of atrazine in a freshwater environment. *Chemosphere* 47: 991-999.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Cummins, C. M., Koivunen, M. E., Stephanian, A., Gee, S. J., Hammock, B. D., and Kennedy, I. M. (Application of europium(III) chelate-dyed nanoparticle labels in a competitive atrazine fluoroimmunoassay on an ITO waveguide. *Biosensors and Bioelectronics* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Cuozzo, F P (2001). Craniodental body mass estimators in the dwarf bushbaby (*Galagoides*). *American Journal Of Physical Anthropology* 115: 187-190.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Curran, W. S., Hoffman, L. D., and Werner, E. L. (1994). The Influence of a Hairy Vetch (*Vicia villosa*) Cover Crop on Weed Control and Corn (*Zea mays*) Growth and Yield. *Weed Technol.* 8: 777-784.
Chem Codes: EcoReference No.: 73945
Chemical of Concern: MTL,ATZ,GYP,NSF,THF,24DXY Rejection Code: MIXTURE.
- Curren, M S and King, J W (2001). Ethanol-modified subcritical water extraction combined with solid-phase microextraction for determining atrazine in beef kidney. *Journal Of Agricultural And Food Chemistry* 49: 2175-2180.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Curren, M S and King, J W (2001). Solubility of triazine pesticides in pure and modified subcritical water. *Analytical Chemistry* 73: 740-745.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Curwin, B. D., Hein, M. J., Sanderson, W. T., Nishioka, M. G., Reynolds, S. J., Ward, E. M., and Alavanja, M. C. (2005). Pesticide Contamination Inside Farm and Nonfarm Homes. *Journal of Occupational and Environmental Hygiene [J. Occup. Env. Hyg.]*. Vol. 2, no. 7, pp. 357-367. Jul 2005.
Chem Codes : Chemical of Concern: ATZ Rejection Code: SURVEY.
- Da Pozzo, Anna, Ferrantelli, Paola, Di Palma, Luca, Merli, Carlo, and Petrucci, Elisabetta (2003). Use of a standard system to evaluate the matrix effect on the treatment of a solution from atrazine contaminated soils. *Annali Di Chimica* 93: 997-1004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Dalton, Rex (2002). Doubts linger over America's top herbicide. *Nature* 420: 256.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Dalton, Rex (2002). Frogs put in the gender blender by America's favourite herbicide. *Nature* 416: 665-666.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Damodaran, K, Sanjayan, G J, Rajamohanam, P R, Ganapathy, S, and Ganesh, K N (2001). Solid state NMR of a molecular self-assembly: multinuclear approach to the cyanuric acid-melamine system. *Organic Letters* 3: 1921-1924.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Daniel, Peter E, Bedmar, Francisco, Costa, Jose L, and Aparicio, Virginia C (2002). Atrazine and metribuzin sorption in soils of the Argentinean humid pampas. *Environmental Toxicology And Chemistry / SETAC* 21: 2567-2572.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Dankwardt, A and Hock, B (2001). Immunolocalization of non-extractable (bound) residues of pesticides and industrial contaminants in plants and soil. *Chemosphere* 45: 523-533.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Darbinyan, G. A., Agaronyan, A. G., and Papyan, R. A. (1963). Trials of Simazine and Atrazine in Vineyards. *Izv Zag Arm* 7: 59-63.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SOURCE.
- Das, P C, McElroy, W K, and Cooper, R L (2001). Alteration of catecholamines in pheochromocytoma (PC12) cells in vitro by the metabolites of chlorotriazine herbicide. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 59: 127-137.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Das, Parikshit C, McElroy, William K, and Cooper, Ralph L (2003). Potential mechanisms responsible for chlorotriazine-induced alterations in catecholamines in pheochromocytoma (PC12) cells. *Life Sciences* 73: 3123-3138.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Dastovalov, S. P. (1962). The After-Effect of Atrazine and Simazine in the Second Year Following Application to the Soil. *Tr Kraz Ins* 14: 247-251.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH/NOT PURSUING.
- David, Mark B, Gentry, Lowell E, Starks, Karen M , and Cooke, Richard A (Stream transport of herbicides and metabolites in a tile-drained, agricultural watershed. *Journal Of Environmental Quality* 32: 1790-1801.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Davis, D. E. (1968). Atrazine Effects on Mitochondrial Respiration. *Proc.South.Weed Conf.* 21: 346.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Day, K., Kaushik, N. K., Solomon, K. R., and Corke, C. T. (1983). The Effects of Atrazine in a Lake Ecosystem Using Large Volume (125 M3) In Situ Enclosures. In: N.K.Kaushik and K.R.Solomon (Eds.), *Proc.8th Annual Aquatic Toxicity Workshop, Nov.2-4, 1981, Guelph, Ontario, Can.Tech.Rep.Fish.Aquat.Sci.No.1151* 204 (ABS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- de Guzman, Noel P, Hendley, Paul, Gustafson, David I, van Wesenbeeck, Ian, Klein, Andrew J, Fuhrman, John D, Travis, Kim, Simmons, Nick D, Teskey, Wendy E, and Durham et, al. (The acetochlor registration partnership state ground water monitoring program. *Journal Of Environmental Quality* 34: 793-803.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- de Jong, F M and Udo de Haes, H A (2001). Development of a field bioassay for the side-effects of herbicides on vascular plants using Brassica napus and Poa annua. *Environmental Toxicology* 16: 397-407.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- De Laat, Joseph and Le Truong, Giang (2005). Kinetics and modeling of the Fe(III)/H₂O₂ system in the presence of sulfate in acidic aqueous solutions. *Environmental Science & Technology* 39: 1811-1818.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- De Laat, Joseph, Truong Le, Giang, and Legube, Bernard (2004). A comparative study of the effects of chloride, sulfate and nitrate ions on the rates of decomposition of H₂O₂ and organic compounds by Fe(II)/H₂O₂ and Fe(III)/H₂O₂. *Chemosphere* 55: 715-723.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- DeAngelis, D. L., Bartell, S. M., and Brenkert, A. L. (1989). Effects of Nutrient Recycling and Food-Chain Length of Resilience. *Am.Nat.* 134: 778-805.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Dearfield, K. L., Stack, H. F., Quest, J. A., Whiting, R. J., and Waters, M. D. (1993). A Survey of EPA/OPP and Open Literature Data on Selected Pesticide Chemicals Tested for Mutagenicity: I. Introduction and First Ten Chemicals. *Mutat.Res.* 297: 197-233.
Chem Codes: EcoReference No.: 78618
Chemical of Concern: PRN,HCCH,Folpet,DPDP,CPYM,CTN,ATZ,RTN,AMTL,PPZ Rejection Code: REVIEW/SURVEY.
- Decleire, M. and Van Roey, G. (1979). Change of Activity of Glucose-6-Phosphate, 6-Phosphogluconate and Glyceraldehyde-3 Phosphate Dehydrogenases Under Action of Atrazine, Chlortoluron and MCPA (Variation d'Activite des Glucose-6-Phosphate, 6-Phospho-Gluconate et Glyceraldehyde-3-Phosphate Deshydrogenases sous l'Action de l'Atrazine, du Chlortoluron et du MCPA). *Biochem.Physiol.Pflanz.* 174: 240-245.
Chem Codes: EcoReference No.: 43025
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Dedu, I. I., Nguen, V. S., Busuion, K. A., Busdugan, V. K., Rogashevski, L. P., and Moshanu, V. A. (1985). Acute Toxicity of Pesticides and Heavy Metals Salts for Water Invertebrates. In: *Methods of Analysis and Purification of Natural and Waste Waters (RUS)*.
Chem Codes: EcoReference No.: 3830
Chemical of Concern: DDT,ATZ,Zn,CuS,Cd Rejection Code: NON-ENGLISH.
- DeLaune, R. D., Devai, I., Mulbah, C., Crozier, C., and Lindau, C. W. (1997). The Influence of Soil Redox Conditions on Atrazine Degradation in Wetlands. *Agric.Ecosyst.Environ.* 66: 41-46.
Chem Codes: User 1 Abbreviation: (ScienceDirect 1995-Present)
Chemical of Concern: ATZ Rejection Code: NO SPECIES.

- Delin, Geoffrey N. and Landon, Matthew K. (2002). Effects of surface run-off on the transport of agricultural chemicals to ground water in a sandplain setting. *The Science of The Total Environment* 295: 143-155.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Delistraty, D. (1999). Relationship Between Cancer Slope Factor and Acute Toxicity in Rats and Fish. *Hum.Ecol.Risk Assess.* 5: 415-426.
Chem Codes: EcoReference No.: 61055
Chemical of Concern: PNB,ATZ,AND,BNZ,CHD,DLD,HCCH,PAH,PCP,VYL,TXP Rejection Code: REFS CHECKED/REVIEW.
- Dell' Agnola, G., Ferrari, G., and Nardi, S. (1981). Antidote Action of Humic Substances on Atrazine Inhibition of Sulfate Uptake in Barley Roots. *Pestic.Biochem.Physiol.* 15: 101-104.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- DeLorenzo, M E, Scott, G I, and Ross, P E (2001). Toxicity of pesticides to aquatic microorganisms: a review. *Environmental Toxicology And Chemistry / SETAC* 20: 84-98.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- DeNoyelles, F. Jr. (1997). Ecological Effects of Atrazine on Aquatic Ecosystems. *Presentation to Surface Water Quality Commission, October 14, 1997.*(63 slides accompany the presentation, some information shown is attached.) 1-37.
Chem Codes: EcoReference No.: 70644
Chemical of Concern: ATZ Rejection Code: REFS CHECKED/REVIEW.
- DeNoyelles, F. Jr and Kettle, W. D. (1983). Site Studies to Determine the Extent and Potential Impact of Herbicide Contamination in Kansas Waters. *Tech.Completion Rep.A-104-Kan, Kansas Water Resour.Res.Inst., University of Kansas, Lawrence, KS:37 p.*(U.S.NTIS PB84-140631) (Publ As 10984).
Chem Codes: EcoReference No.: 11878
Chemical of Concern: ATZ Rejection Code: SURVEY.
- Deshmukh, Shivaji S. and Childress, Amy E. (2001). Zeta potential of commercial RO membranes: influence of source water type and chemistry. *Desalination* 140: 87-95.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Devers, Marion, Henry, Sonia, Hartmann, Alain, and Martin-Laurent, Fabrice (2005). Horizontal gene transfer of atrazine-degrading genes (atz) from *Agrobacterium tumefaciens* St96-4 pADP1::Tn5 to bacteria of maize-cultivated soil. *Pest Management Science* 61: 870-880 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Devers, Marion, Soulas, Guy, and Martin-Laurent, Fabrice (2004). Real-time reverse transcription PCR analysis of expression of atrazine catabolism genes in two bacterial strains isolated from soil. *Journal Of Microbiological Methods* 56: 3-15.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Di Palma, L, Ferrantelli, P, and Petrucci, E (2003). Experimental study of the remediation of atrazine contaminated soils through soil extraction and subsequent peroxidation. *Journal Of Hazardous Materials* 99: 265-276.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Di Palma, L, Merli, C, and Petrucci, E (2004). Effect of ethanol on the oxidation of atrazine in the remediation of contaminated soil. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 39: 987-997.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Diamond, M. L., Poulton, D. J., Mackay, D., and Stride, F. A. (1994). Development of a Mass Balance Model of the Fate of 17 Chemicals in the Bay of Quinte. *J.Gt.Lakes Res.* 20: 643-666.

- Chem Codes: Chemical of Concern: ATZ,PCP,As Rejection Code: FATE/NO DURATION/NO SPECIES/SURVEY.
- Diaz, M. A., De Prado, R., Paul, R. N., and Smeda, R. J. (1998). Identification of Paraquat and Atrazine Resistance in Populations of *Epilobium ciliatum*. *Med.Fac.Landbouww.Univ.Gent.* 63: 795-797.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Dombek, T, Davis, D, Stine, J, and Klarup, D (2004). Degradation of terbutylazine (2-chloro-4-ethylamino-6-terbutylamino-1,3,5-triazine), deisopropyl atrazine (2-amino-4-chloro-6-ethylamino-1,3,5-triazine), and chlorinated dimethoxy triazine (2-chloro-4,6-dimethoxy-1,3,5-triazine) by zero valent iron and electrochemical reduction. *Environmental Pollution (Barking, Essex: 1987)* 129: 267-275.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Dombek, T., Dolan, E., Schultz, J., and Klarup, D. (2001). Rapid reductive dechlorination of atrazine by zero-valent iron under acidic conditions. *Environmental Pollution* 111: 21-27.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Donchev, A G, Ozrin, V D, Subbotin, M V, Tarasov, O V, and Tarasov, V I (2005). A quantum mechanical polarizable force field for biomolecular interactions. *Proceedings Of The National Academy Of Sciences Of The United States Of America* 102: 7829-7834.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Donnelly, P. K., Entry, J. A., and Crawford, D. L. (1993). Degradation of Atrazine and 2,4-Dichlorophenoxyacetic Acid by Mycorrhizal Fungi at Three Nitrogen Concentrations In Vitro. *Appl.Environ.Microbiol.* 19: 2642-2647.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO/NO TOX DATA.
- Dorigo, Ursula, Bourrain, Xavier, Berard, Annette, and Leboulanger, Christophe (2004). Seasonal changes in the sensitivity of river microalgae to atrazine and isoproturon along a contamination gradient. *The Science of The Total Environment* 318: 101-114.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Dorozhkina, L. A., Kuzminskaia, V. A., Kalinin, V. A., and Gryzdev, G. S. (1975). Phytotoxicity of Atrazine When Entering the Roots and Leaves of Beans. *Izv Timi Ak* 3: 156-162.
Chem Codes: EcoReference No.: 26372
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH .
- dos Santos, Luciana B. O., Silva, Marcelo S. P., and Masini, Jorge C. (2005). Developing a sequential injection-square wave voltammetry (SI-SWV) method for determination of atrazine using a hanging mercury drop electrode. *Analytica Chimica Acta* 528: 21-27.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Downing, H. F., Delorenzo, M. E., Fulton, M. H., Scott, G. I., Madden, C. J., and Kucklick, J. R. (2004). Effects of the Agricultural Pesticides Atrazine, Chlorothalonil, and Endosulfan on South Florida Microbial Assemblages. *Ecotoxicology [Ecotoxicology]. Vol. 13, no. 3, pp. 245-260. Apr 2004.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Dozier, M. C., Senseman, S. A., Hoffman, D. W., and Baumann, P. A. (2002). Comparison of Atrazine and Metolachlor Affinity for Bermudagrass (*Cynodon dactylon* L.) and Two Soils. *Arch.Environ.Contam.Toxicol.* 43: 292-295.
Chem Codes: Chemical of Concern: MTL,ATZ Rejection Code: NO SPECIES.
- Drogoszewski, B. (1973). Application of Simazin and Atrazin in Pine Cultures on Previously Arable Land. IV. Sensitivity of Pine Seedling to Simazine and Atrazin Applied in Cultures on Reduced Areas (Stosowanie Simazinu i Atrazinu w Uprawach Sosnowych na Gruntach Porolynch. IV. Wrazliwosc Sadzonek Sosny

- Zwyczajnej na Działanie Simazinu i Atrazinu Stosowanych w Uprawach na Powierzchni Zredukowanej). *Prace Komisji Nauk Rolniczych I Komisji Nauk Lesny* 36: 19-26 (POL) (ENG ABS).
Chem Codes: EcoReference No.: 26280
 Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Druzina, B., Perc, A., and Erjavec, M. (2001). Monitoring of atrazine, alachlor and metabolites in drinking water and organosulphorous-based pesticides in fruit processing in the Republic of Slovenia. *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]*. Vol. 10, no. 5, pp. 484-489. May 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Du Preez, H. H., Van Vuren, J. H. J., and Van Rensburg, E. L. (1990). Bioconcentration of Atrazine in the Freshwater Teleost, *Tilapia sparrmanii* (Cichlidae). In: *12th Annu.Conf.on Physiological and Biochemical Approaches to the Toxicological Assessment of Environmental Pollution, Aug.27-31, Utrecht, Netherlands*.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT/INCORRECT CITATION.
- Du Preez, L H, Jansen van Rensburg, P J, Jooste, A M, Carr, J A, Giesy, J P, Gross, T S, Kendall, R J, Smith, E E, Van Der Kraak, G, and Solomon et, al. (2005). Seasonal exposures to triazine and other pesticides in surface waters in the western Highveld corn-production region in South Africa. *Environmental Pollution (Barking, Essex: 1987)* 135: 131-141.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Du Preez, L. H., Jansen van Resburg, P. J., Jooste, A. M., Carr, J. A., Giesy, J. P., Gross, T. S., Kendall, R. J., Smith, E. E., Van der Kraak, G., and Solomon, K. R. (2005). Seasonal Exposures to Triazine and Other Pesticides in Surface Waters in the Western Highveld Corn-Production Region in South Africa. *Environ.Pollut.* 135: 131-141.
Chem Codes: Chemical of Concern: Al,Sb,As,Ba,Cd,Cr,Co,Cu,Fe,Pb,Mn,Hg,Mo,Ni,Se,Ag,Sb,Tl,V,Zn,MTL,ATZ Rejection Code: NO SPECIES.
- Durham, W. F. (1987). Toxicology of Insecticides, Rodenticides, Herbicides, and Fungicides. In: *T.J.Haley and W.O.Berndt (Eds.), Handbook of Toxicology, Chapter 9, Hemisphere Publ.Corp., New York, NY* 364-383.
Chem Codes: Chemical of Concern: SZ,ATZ,TLDD,DXN,Ba,As,TL,Zn,DDT,TXP,HCCH,AND,DLD,END,CHD,HPT Rejection Code: REFS CHECKED/REVIEW.
- Duyzer, Jan (2003). Pesticide concentrations in air and precipitation in the Netherlands. *Journal Of Environmental Monitoring: JEM* 5: 77N-80N .
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ebato, M., Matsumura, K., and Yonebayashi, K. (2002). Effect of soil characteristics on atrazine and linuron adsorption. *Journal of Pesticide Sciences*, 27 (4) pp. 337-346, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- El-Lithy, Mohamed E, Rodrigues, Gustavo C, van Rensen, Jack J S, Snel, Jan F H, Dassen, Hans J H A, Koornneef, Maarten, Jansen, Marcel A K, Aarts, Mark G M, and Vreugdenhil, Dick (2005). Altered photosynthetic performance of a natural Arabidopsis accession is associated with atrazine resistance. *Journal Of Experimental Botany* 56: 1625-1634.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Eldridge, C., Wynn, D., Breckenridge, C., and Stevens, J. (2004). Atrazine Inhibition of Ovulation in Immature Rats Treated with Pregnant Mare Serum Gonadotropin (PMSG). *Toxicologist* 78: 117(ABS.No.567).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Eldridge, J. C., Wetzell, L. T., Stevens, J. T., and Simpkins, J. W. (1999). The Mammary Tumor Response in Triazine-Treated Female Rats: A Threshold-Mediated Interaction with Strain and Species-Specific

- Reproductive Senescence. *Steroids* 64: 672-678.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Elling, W., Huber, S. J., Bankstahl, B., and Hock, B. (1987). Atmospheric Transport of Atrazine: A Simple Device for Its Detection. *Environ.Pollut.* 48: 77-82.
Chem Codes: EcoReference No.: 61692
 Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Emans, H. J. B., Plassche, E. J. V. D., Canton, J. H., Okkerman, P. C., and Sparenburg, P. M. (1993). Validation of Some Extrapolation Methods Used for Effect Assessment. *Environ.Toxicol.Chem.* 12: 2139-2154.
Chem Codes: EcoReference No.: 68382
 Chemical of Concern: Al,ATZ,Cd,Cr,Cu,DLD,PAH,Pb,HCCH,Mn,Hg,PRN,Se,SZ,TXP,V,Zn Rejection Code: METHODS/REFS CHECKED/REVIEW.
- Enoch, R., Greiner, S., Youngblood, G., Davis, C., and Fenton SE (2003). Effects from gestational exposure to a mixture of atrazine and its biological metabolites in male Long-Evans rats. *Toxicologist* 2003 Mar;72(S-1):275.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Erickson, J. M., Pfister, K., Rahire, M., Togasaki, R. K., Mets, L., and Rochaix, J. D. (1989). Molecular and Biophysical Analysis of Herbicide-Resistant Mutants of *Chlamydomonas-reinhardtii* Structure-Function Relationship of the Photosystem II D1 Polypeptide. *Plant Cell* 1: 361-372.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION.
- Erturk, H. and Walker, P. N. (2003). Effect of atrazine on algal contamination and sugarcane shoots during photoautotrophic micropropagation. *Transactions of the American Society of Agricultural Engineers*, 46 (1) pp. 189-191, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Eullaffroy, Philippe and Vernet, Guy (2003). The F684/F735 chlorophyll fluorescence ratio: a potential tool for rapid detection and determination of herbicide phytotoxicity in algae. *Water Research* 37: 1983-1990.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Euzet, Pierre, Giardi, Maria Teresa, and Rouillon, Regis (2005). A crosslinked matrix of thylakoids coupled to the fluorescence transducer in order to detect herbicides. *Analytica Chimica Acta* 539: 263-269.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Evgenidou, E and Fytianos, K (2002). Photodegradation of triazine herbicides in aqueous solutions and natural waters. *Journal Of Agricultural And Food Chemistry* 50: 6423-6427.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fairchild, J. F., Sappington, L. C., and Ruessler, D. S. (1999). An Ecological Risk Assessment of the Potential for Herbicide Impacts on Primary Productivity of the Lower Missouri River. In: *Water-Resour.Investig.Rep.(U.S.Geol.Surv.)*, 99-4018B, U.S.Geol.Surv.Toxic Subst.Hydrol.Prog. 2: 323-330.
Chem Codes: EcoReference No.: 70204
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Fang, Chengwei, Radosevich, Mark, and Fuhrmann, Jeffry J. (2001). Atrazine and phenanthrene degradation in grass rhizosphere soil. *Soil Biology and Biochemistry* 33 : 671-678.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fang, Chengwei, Radosevich, Mark, and Fuhrmann, Jeffry J. (2001). Characterization of rhizosphere microbial community structure in five similar grass species using FAME and BIOLOG analyses. *Soil Biology and Biochemistry* 33: 679-682.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.

- Farenhorst, A. and Bowman, B. T. (2000). Sorption of Atrazine and Metolachlor by Earthworm Surface Castings and Soil. *J.Environ.Sci.Health Part B* 35: 157-173.
Chem Codes: EcoReference No.: 66138
 Chemical of Concern: ATZ,MTL Rejection Code: MIXTURE.
- Farenhorst, A., Topp, E., Bowman, B. T., and Tomlin, A. D. (2000). Earthworm Burrowing and Feeding Activity and the Potential for Atrazine Transport by Preferential Flow. *Soil Biol.Biochem.* 32: 479-488 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Farenhorst, A., Topp, E., Bowman, B. T., and Tomlin, A. D. (2000). Earthworms and the Dissipation and Distribution of Atrazine in the Soil Profile. *Soil.Biol.Biochem.* 32: 23-33.
Chem Codes: Chemical of Concern: ATZ,MTL Rejection Code: FATE.
- Farenhorst, A, Topp, E, Bowman, B T, Tomlin, A D, and Bryan, R B (2001). Sorption of atrazine and metolachlor by burrow linings developed in soils with different crop residues at the surface. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 389-396.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Farm Chemicals Handbook. 2000. *Meister Publishing Company, Willoughby, Ohio* 4 pp.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Farre, Maria Jose, Franch, Maria Isabel, Malato, Sixto, Ayllon, Jose Antonio, Peral, Jose, and Domenech, Xavier (2005). Degradation of some biorecalcitrant pesticides by homogeneous and heterogeneous photocatalytic ozonation. *Chemosphere* 58: 1127-1133.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Faust, M., Altenburger, R., Backhaus, T., Blanck, H., Boedeker, W., Gramatica, P., Hamer, V., Scholze, M., Vighi, M., and Grimme, L. H. *. (2001). Predicting the joint algal toxicity of multi-component s-triazine mixtures at low-effect concentrations of individual toxicants. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 56, no. 1, pp. 13-32. 3 Dec 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Fava, L., Bottoni, P., Crobe, A., Caracciolo, A. B., and Funari, E. (2001). Assessment of leaching potential of aldicarb and its metabolites using laboratory studies. *Pest Management Science*, 57 (12) pp. 1135-1141, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fedtke, C. (1982). Photosynthesis. In: *Biochemistry and Physiology of Herbicide Action*, Springer-Verlag, Berlin, Germany 19-85.
Chem Codes: EcoReference No.: 72150
 Chemical of Concern: ATZ,MBZ,DU,SZ,PCP,24DXY,DMM Rejection Code: REVIEW.
- Fenner, Kathrin, Scheringer, Martin, and Hungerbuhler, Konrad (2003). Joint persistence of transformation products in chemicals assessment: case studies and uncertainty analysis. *Risk Analysis: An Official Publication Of The Society For Risk Analysis* 23: 35-53.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fenton, S. E. and Davis, C. C. (2002). Atrazine Exposure In Utero Increases Dimethylbenz(a)anthracene-Induced Mammary Tumor Incidence in Long Evans Offspring. *Toxicologist* 66: 185 (ABS No.903).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Fenton SE, Greiner SN, Youngblood GL, and Davis CC (2002). Effects from gestational exposure to a mixture of atrazine and its biological metabolites in male Long-Evans rats. *Biol Reprod* 2002;66(Suppl 1):199-200.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.

- Ferenczi, Judit, Ambrus, Arpad, Wauchope, R Don, and Sumner, Harold R (2002). Persistence and runoff losses of 3 herbicides and chlorpyrifos from a corn field in the Lake Balaton watershed of Hungary. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 211-224.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fernandez-Perez, M, Gonzalez-Pradas, E, Villafranca-Sanchez, M, and Flores-Cespedes, F (2001). Mobility of atrazine from alginate-bentonite controlled release formulations in layered soil. *Chemosphere* 43: 347-353.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Fernandez-Perez, Manuel, Flores-Cespedes, Francisco, Gonzalez-Pradas, Emilio, Villafranca-Sanchez, Matilde, Perez-Garcia, Susana, and Garrido-Herrera, Francisco Javier (2004). Use of activated bentonites in controlled-release formulations of atrazine. *Journal Of Agricultural And Food Chemistry* 52: 3888-3893.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Ferret, Pierre-Jacques, Soum, Emmanuelle, Negre, Olivier, and Fradelizi, Didier (2002). Auto-protective redox buffering systems in stimulated macrophages. *BMC Immunol* 3: 3.
Chem Codes: Chemical of Concern: ATZ Rejection Code: VIRUS.
- Feucht, J. R. (1988). Herbicide Injuries to Trees-Symptoms and Solutions. *J.Arboric.* 14: 215-219.
Chem Codes: Chemical of Concern: ATZ,DMB,24DXY,PRO,BMC,TET,PCL Rejection Code: NO TOX DATA.
- Fierro, R., Maravilla-Galván, R., Gómez-Arroyo, S., González-Márquez, H., and Betancourt, M. (2004). Effect Of The Herbicides Atrazine And Fenoxaprop-Ethyl On The Capacitation And Acrosomal Reaction Of Porcine Spermatozoa In Vitro. *Biol Reprod 2004 Aug;(Special Issue):112*.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Figeys, H. P., Lannoye, R., Panneels, P., Pattijn, S., Vanden Bril, B., and Van Eycken, F. (1989). Fluorescence Study of the Molecular Basis of Photosystem II Herbicide Resistance. *Meded.Fac.Landbouwwet.Rijksuniv.Gent* 54: 303-306.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO CONC.
- Filipov NM, Tsunoda, M., and Sistrunk SC (2004). Modulation Of Dopamine Metabolism By Several Metabolites Of The Herbicide Atrazine In Rat Striatal Slices. *Toxicologist 2004 Mar;78(1-S):226*.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Fischer-Durand, Nathalie, Vessieres, Anne, Heldt, Jan-Martin, le Bideau, Franck, and Jaouen, Gerard (2003). Evaluation of the carbonyl metallo immunoassay (CMIA) for the determination of traces of the herbicide atrazine. *Journal of Organometallic Chemistry* 668: 59-66.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Fischer, W. K. and Gode, P. (1978). The Testing of Sodium Aluminum Silicates as a Detergent Additives for Toxicity to Water Organisms (Die Prufung von Natriumaluminiumsilikaten als Waschmittelzusatz auf Toxizitat Gegenuber Wasserorganismen). *Vom Wasser* 49: 11-26 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 68555
Chemical of Concern: Cu,Cr,Cl,As,CN,Al,ATZ Rejection Code: NON-ENGLISH.
- Fleckner, W. (1989). Okotoxikologische Untersuchungen it Herbiziden in Eingeschlossenen Waserkorpern. Direkte und Indirekte Wirkungen von 2,4-D und Atrazin auf Planktonbiocoenosen und Physikalisch-Chemische Parameter. *Diss.Univ.Kiel* 240 p. (GER).
Chem Codes: Chemical of Concern: ATZ,24DXY Rejection Code: NON-ENGLISH.
- Fletcher, R. (1999). Diagnostic Capacity of Laboratory Mesocosms: Response of Macroinvertebrate Communities to Sediment Contamination. *Ph.D.Thesis, Univ.of Waterloo, Canada* 142 p.

- Chem Codes: Chemical of Concern: Cd,ATZ Rejection Code: SEDIMENT CONC.
- Fletcher, R, Reynoldson, T B, and Taylor, W D (2001). The use of benthic mesocosms for the assessment of sediment contamination. *Environmental Pollution (Barking, Essex: 1987)* 115: 173-182.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Force, L., Critchley, C., and Van Rensen, J. J. S. (2003). New fluorescence parameters for monitoring photosynthesis in plants 1. The effect of illumination on the fluorescence parameters of the JIP-test. *Photosynthesis Research*, 78 (1) pp. 17-33, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Ford, G. T. and Mt.Pleasant, J. (1994). Competitive Abilities of Six Corn (Zea mays L.) Hybrids with Four Weed Control Practices. *Weed Technol.* 8: 124-128.
Chem Codes: EcoReference No.: 74038
Chemical of Concern: MTL,ATZ,SXD Rejection Code: MIXTURE.
- Forget, J., Beliaeff, B., and Bocquene, G. (2003). Acetylcholinesterase Activity in Copepods (Tigriopus brevicornis) from the Vilaine River Estuary, France, as a Biomarker of Neurotoxic Contaminants. *Aquat.Toxicol.* 62: 195-204.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Fortin, J, Gagnon-Bertrand, E, Vezina, L, and Rompre, M (Preferential bromide and pesticide movement to tile drains under different cropping practices. *Journal Of Environmental Quality* 31: 1940-1952.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Foster, Gregory D, Miller, Cherie V, Huff, Thomas B, and Roberts, Eldon Jr (2003). Pesticides, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls in transport in two atlantic coastal plain tributaries and loadings to Chesapeake Bay. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 38: 1177-1200.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Frenzel, et. al (1998). Agricultural Activities Potentially Affect the Management of Public Water Supplies. *U.S.Geol.Survey Circ.1163* 8-9.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES/SURVEY.
- Friesen-Pankratz, Bruce, Doebel, Cecilia, Farenhorst, Annemieke, and Goldsborough, L Gordon (2003). Interactions between algae (Selenastrum capricornutum) and pesticides: implications for managing constructed wetlands for pesticide removal. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 38: 147-155.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Fruchey, Isaac, Shapir, Nir, Sadowsky, Michael J , and Wackett, Lawrence P (2003). On the origins of cyanuric acid hydrolase: purification, substrates, and prevalence of AtzD from Pseudomonas sp. strain ADP. *Applied And Environmental Microbiology* 69: 3653-3657.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Fujimoto, N and Honda, H (2003). Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats. *Food And Chemical Toxicology: An International Journal Published For The British Industrial Biological Research Association* 41: 1711-1717.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Gacheru, E. N., Kamau, G. M., Saha, H. M., Odhiambo, G. D., and O'Neill, M. K. (1993). Effect of Land Preparation and Weeding on Maize (Zea mays) Grain Yields in the Coastal Region of Kenya. *Int.J.Pest Manag.* 39: 57-60.
Chem Codes: EcoReference No.: 73527

- Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Gadkari, D. (1988). Effects of Atrazine and Paraquat on Nitrifying Bacteria. *Arch.Environ.Contam.Toxicol.* 17: 443-447.
Chem Codes: EcoReference No.: 62398
 Chemical of Concern: ATZ,PAQT Rejection Code: BACTERIA.
- Galassi, S., Guzzella, L., Mingazzini, M., Vigano, L., Capri, S., and Sora, S. (1992). Toxicological and Chemical Characterization of Organic Micropollutants in River Po Waters (Italy). *Water Res.* 26: 19-27.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: MIXTURE.
- Galassi, S., Mingazzini, M., and Battegazzore, M. (1993). The Use of Biological Methods for Pesticide Pesticide Monitoring. *Sci.Total Environ.* 132: 399-414.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Gallard, H and De Laat, J (2001). Kinetics of oxidation of chlorobenzenes and phenyl-ureas by Fe(II)/H₂O₂ and Fe(III)/H₂O₂. Evidence of reduction and oxidation reactions of intermediates by Fe(II) or Fe(III). *Chemosphere* 42: 405-413.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Garaj-Vrhovac, Vera and Zeljezic, Davor (2001). Cytogenetic monitoring of croatian population occupationally exposed to a complex mixture of pesticides. *Toxicology* 165: 153-162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Garcia-Gonzalez, Vicente, Govantes, Fernando, Porrua, Odil, and Santero, Eduardo (2005). Regulation of the Pseudomonas sp. strain ADP cyanuric acid degradation operon. *Journal Of Bacteriology* 187: 155-167.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Garcia-Gonzalez, Vicente, Govantes, Fernando, Shaw, Liz J, Burns, Richard G, and Santero, Eduardo (2003). Nitrogen control of atrazine utilization in Pseudomonas sp. strain ADP. *Applied And Environmental Microbiology* 69: 6987-6993.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Garcia-Villada, Libertad and Reboud, Xavier (Induction of atrazine tolerance in a natural soil assemblage of microalgae reared in the laboratory. *Ecotoxicology and Environmental Safety* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Garcinuno, R. M., Fernandez-Hernando, P., and Camara, C. (2003). Evaluation of pesticide uptake by Lupinus seeds. *Water Research* 37: 3481-3489.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Garstka, Maciej, Nejman, Patrycja, and Rosiak, Malgorzata (2004). The action of oxygen on chlorophyll fluorescence quenching and absorption spectra in pea thylakoid membranes under the steady-state conditions. *Journal of Photochemistry and Photobiology B: Biology* 77: 79-92.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Gascon, J., Oubina, A., Ballesteros, B., Barcelo, D., Camps, F., Marco, M. P., Gonzalez-Martinez, M. A., Morais, S., Puchades, R., and Maquieira, A. (1997). Development of a Highly Sensitive Enzyme-Linked Immunosorbent Assay for Atrazine. Performance Evaluation by Flow Injection Immunoassay. *Anal.Chim.Acta* 347: 149-162.
Chem Codes: User 1 Abbreviation: www.sciencedirect.com (1995-Present)
 Chemical of Concern: SZ,ATZ Rejection Code: IN VITRO.
- Gavel, Alan and Marsalek, Blahoslav (2004). A novel approach for phytotoxicity assessment by CCD fluorescence imaging. *Environmental Toxicology* 19: 429-432.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Gawlik, B. M., Lamberty, A., Pauwels, J., Blum, W. E. H., Mentler, A., Bussian, B., Eklo, O., Fox, K., Kordel, W., and Hennecke, D. (2003). Certification of the European reference soil set (IRMM-443--EUROSOILS). Part I. Adsorption coefficients for atrazine, 2,4-D and lindane. *The Science of The Total Environment* 312: 23-31.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gawlik, B. M., Lamberty, A., Pauwels, J., Blum, W. E. H., Mentler, A., Bussian, B., Eklo, O., Fox, K., Kordel, W., and Hennecke, D. (2003). Certification of the European Reference Soil Set (IRMM-443--EUROSOILS). Part II. Soil-pH in suspensions of water and CaCl₂. *The Science of The Total Environment* 312: 33-42.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Gawlik, B M, Lamberty, A, Pauwels, J, and Muntau, H (2004). Certified reference materials to support a European thematic strategy for soil protection: the EUROSOILS (IRMM-443) experience. *Analytical And Bioanalytical Chemistry* 378: 1284-1287.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Gaynor, J D, Tan, C S, Drury, C F, Ng, H Y, Welacky, T W, and van Wesenbeeck, I J (Tillage, intercrop, and controlled drainage-subirrigation influence atrazine, metribuzin, and metolachlor loss. *Journal Of Environmental Quality* 30: 561-572.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gaynor, J D, Tan, C S, Drury, C F, Welacky, T W, Ng, H Y F, and Reynolds, W D (Runoff and drainage losses of atrazine, metribuzin, and metolachlor in three water management systems. *Journal Of Environmental Quality* 31: 300-308.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Geisler, Georg, Hellweg, Stefanie, Liechti, Simon, and Hungerbuhler, Konrad (2004). Variability assessment of groundwater exposure to pesticides and its consideration in life-cycle assessment. *Environmental Science & Technology* 38: 4457-4464.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Gendrikson, O D, Zherdev, A V, Kaplun, A P, and Dzantiev, B B (Comparative analysis of models describing interactions between antibodies and liposomal antigens. *Prikladnaia Biokhimiia i Mikrobiologiya* 39: 85-91.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Gendron, A. D., Marcogliese, D. J., Barbeau, S., Christin, M.-S., Brousseau, P., Ruby, S., Cyr, D., and Fournier, M. (2003). Exposure of Leopard Frogs to a Pesticide Mixture Affects Life History Characteristics of the Lungworm *Rhabdias ranae*. *Oecologia* 135: 469-476.
Chem Codes: Chemical of Concern: ATZ,HCCH,MBZ,ADC,ES,DLD Rejection Code: MIXTURE.
- Genot, P, Van Huynh, N, Debongnie, Ph, and Pussemier, L (2002). Effects of addition of straw, chitin and manure to new or recycled biofilters on their pesticides retention and degradation properties. *Mededelingen (Rijksuniversiteit Te Gent. Fakulteit Van De Landbouwkundige En Toegepaste Biologische Wetenschappen)* 67: 117-128.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- George, T. K., Waite, D., Liber, K., and Sproull, J. (2003). Toxicity of a Complex Mixture of Atmospherically Transported Pesticides to *Ceriodaphnia dubia*. *Environ.Monit.Assess.* 85: 309-326.
Chem Codes: Chemical of Concern: DMB,PCP,TRL,BMN,MCPA,24DXY,DFPM,ATZ,MTL,TXP,TFN,ACR,HCCH,CPH Rejection Code: MIXTURE.

- Gerakis, A. and Ritchie, J. T. (1998). Simulation of Atrazine Leaching in Relation to Water-Table Management Using the CERES Model. *J.Environ.Manag.* 52: 241-258.
Chem Codes: EcoReference No.: 65020
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Gerecke, Andreas C, Scharer, Michael, Singer, Heinz P, Muller, Stephan R, Schwarzenbach, Rene P, Sagesser, Martin, Ochsenbein, Ueli, and Popow, Gabriel (2002). Sources of pesticides in surface waters in Switzerland: pesticide load through waste water treatment plants--current situation and reduction potential. *Chemosphere* 48: 307-315.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gerowitt, B., De Mol, F., Moerschner, J., and Steinmann, H. H. (2000). Characterisation of Weed Management in Different Farming Systems Compared to the Costs, the Energy Input, the Environmental Risk due to Herbicides and the Field Vegetation (Charakterisierung der Unkrautbekämpfung in Ackerbausystemen Anhand der Kosten, des Energieeinsatzes, des Umweltrisikos durch Herbizide und der Ackervegetation). *Z.Pflanzenkr.Pflanzenschutz* 17: 725-734 (GER) (ENG ABS).
Chem Codes : EcoReference No.: 63111
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Gerritse, R. G., Beltran, J., and Hernandez, F. (1996). Adsorption of Atrazine, Simazine, and Glyphosate in Soils of the Gbangara Mound, Western Australia. *Aust.J.Soil Res.* 34: 599-607.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SPECIES.
- Getenga, Z M (2003). Enhanced mineralization of atrazine in compost-amended soil in laboratory studies. *Bulletin Of Environmental Contamination And Toxicology* 71: 933-941.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gevao, B, Mordaunt, C, Semple, K T, Pearce, T G, and Jones, K C (2001). Bioavailability of nonextractable (bound) pesticide residues to earthworms. *Environmental Science & Technology* 35: 501-507.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ghosh, P K, Philip, L, and Bandyopadhyay, M (2001). Anaerobic treatment of atrazine bearing wastewater. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 301-316.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Ghosh, P. K. Pranab Kumar and Philip, Ligy (2004). Atrazine degradation in anaerobic environment by a mixed microbial consortium . *Water Research* 38: 2277-2284.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ghosh, Pranab Kumar and Philip, Ligy (2005). Performance evaluation of waste activated carbon on atrazine removal from contaminated water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 40: 425-441.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Gianessi, L. P. (1998). Benefits of Triazine Herbicides. In: *L.G.Ballantine, J.E.McFarland, and D.S.Hackett (Eds.), ACS Symp.Ser.No.683, Triazine Herbicides Risk Assessment, Chapter 1, March 1996, New Orleans, LA, Am.Chem.Soc., Washington, D.C.* 1-8.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Giardini, L. (1982). A Four Year Trial with Glyphosate and Alachlor for the Control of Sorghum halepense. *Inf.Agrar.* 38: 21591, 21592,21595-21598,21601-21603 (SPA).
Chem Codes: EcoReference No.: 32283
 Chemical of Concern: ACR,GYP,ATZ Rejection Code: NON-ENGLISH.

- Giddings, J. M. and Biever, R. C. (1994). A Review of Mesocosm and Microcosm Studies with Atrazine. *Rep.to Ciba Plant Prot., Greensboro, NC, Springborn Lab.Inc., Wareham, MA.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING/REVIEW.
- Ginet, N and Lavergne, J (2001). Absorption changes induced by the binding of triazines to the QB pocket in reaction centers of Rhodobacter capsulatus. *Biochemistry* 40: 2995-3001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Giovanni, R. (1996). Water Quality Decreasing in Brittany Streams: Nitrates and Examples of Two Pesticides, Atrazine, and Lindane. *Cybiu* 20: 143-162 (FRE) (ENG ABS).
Chem Codes: Chemical of Concern: ATZ,HCCH Rejection Code: NO DURATION/NON-ENGLISH/SURVEY.
- Giraudon-Grandemange, M. C. and Kientzler, L. (1978). Effect of Atrazine on the Amount of Dry Material and Nitrogenous Metabolism of Corn (Influence de l'Atrazine sur le taux de Matiere Seche et le Metabolisme Azote du maïs). *Bull.Ec.Natl.Super.Agron.Ind.Aliment.* 20: 55-62 (FRE).
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM/NON-ENGLISH.
- Glotfelty, D. E., Seiber, J. N., and Liljedahl, L. A. (1987). Pesticides in Fog. *Nature* 325: 602-605.
Chem Codes: EcoReference No.: 62425
 Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Gojmerac, T., Kartal, B., Bilandzic, N., Roic, B., and Rajkovic-Janje, R. (1996). Seasonal Atrazine Contamination of Drinking Water in Pig-Breeding Farm Surroundings in Agricultural and Industrial Areas of Croatia. *Bull.EnvIRON.Contam.Toxicol.* 56: 225-230.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/NO SPECIES/SURVEY.
- Goldberg, E. D. (1995). Emerging Problems in the Coastal Zone for the Twenty-First Century. *Mar.Pollut.Bull.* 31: 152-158 .
Chem Codes: Chemical of Concern: ACR,ATZ,TFN,MBZ,AMTL Rejection Code: NO DURATION/NO SPECIES/REFS CHECKED/REVIEW/SURVEY.
- Gong, A, Ye, C, Wang, X, Lei, Z, and Liu, J (2001). Dynamics and mechanism of ultraviolet photolysis of atrazine on soil surface. *Pest Management Science* 57: 380-385.
Chem Codes : Chemical of Concern: ATZ Rejection Code: FATE.
- Gonzalez-Martinez, M A, Puchades, R, and Maquieira, A (2001). Comparison of multianalyte immunosensor formats for on-line determination of organic compounds. *Analytical Chemistry* 73: 4326-4332.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Gonzalez Ponce, R. and Salas, M. L. (1995). Improvement of the Growth, Grain Yield, and Nitrogen, Phosphorus, and Potassium Nutrition of Grain Corn Through Weed Control. *J.Plant Nutr.* 18: 2313-2324.
Chem Codes: EcoReference No.: 74036
 Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Gonzalez-Pradas, E, Socias-Viciano, M, Saifi, M, Urena-Amate, M D, Flores-Cespedes, F, Fernandez-Perez, M, and Villafranca-Sanchez, M (2003). Adsorption of atrazine from aqueous solution on heat treated kerolites. *Chemosphere* 51: 85-93.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Goodbred, S. L., Gilliom, R. J., Gross, T. S., Denslow, N. P., Bryant, W. L., and Schoeb, T. R. (1996). Reconnaissance of 17 beta-Estradiol, 11-Ketotestosterone, Vitellogenin, and Gonad Histopathology in Common Carp of United States Streams: Potential for Contaminant-Induced Endocrine Disruption. *U.S.Geological Survey Report* 96-627 60 pp.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.

- Goss, L. B. and Sabourin, T. D. (1985). Utilization of Alternative Species for Toxicity Testing: An Overview. *J.Appl.Toxicol.* 5: 193-219.
Chem Codes : EcoReference No.: 70473
 Chemical of Concern: SZ,PNB,DDT,DLD,EN,HPT,HCCH,PCB,AND,BNZ,PAH,CF,HCB,ATZ,Ag,Pb,Hg,TXP,Cd,As,Cu,PCB
Rejection Code: REFS CHECKED/REVIEW.
- Goulet, Benoit N and Hontela, Alice (2003). Toxicity of cadmium, endosulfan, and atrazine in adrenal steroidogenic cells of two amphibian species, *Xenopus laevis* and *Rana catesbeiana*. *Environmental Toxicology And Chemistry / SETAC* 22: 2106-2113.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Gous, S. F. (1996). Vegetation Management in *Pinus radiata*: A Literature Review. *S.Afr.For.J.* 41-50.
Chem Codes: EcoReference No.: 70714
 Chemical of Concern: SZ,ATZ,IZP Rejection Code: REFS CHECKED/REVIEW.
- Govers, H A J, De Voogt, P, Kwast, O, and Bleeker, E A J (2002). Membrane-contaminant interaction found by 3D force field calculations. *SAR And QSAR In Environmental Research* 13: 135-143.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Govers, H A J, Krop, H B, Parsons, J R, Tambach, T, and Kubicki, J D (2002). Dissolved organic carbon--contaminant interaction descriptors found by 3D force field calculations. *SAR And QSAR In Environmental Research* 13: 271-280.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Grabner, E R, Dror, I, Bercovich, F C, and Rosner, M (2001). Enhanced transport of pesticides in a field trial with treated sewage sludge. *Chemosphere* 44: 805-811.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Graebing, Phillip, Frank, Michael P, and Chib, J S (2003). Soil photolysis of herbicides in a moisture- and temperature-controlled environment. *Journal Of Agricultural And Food Chemistry* 51: 4331-4337.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Graves, J E, Richardson, M E, Bernard, R S, Camper, N D, and Bridges, W C (2002). Atrazine effects on in vitro maturation and in vitro fertilization in the bovine oocyte. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 103-112.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Gray, L. E. Jr. and Kelce, W. R. (1996). Latent Effects of Pesticides and Toxic Substances on Sexual Differentiation of Rodents. *Toxicol.Ind.Health* 12: 515-531.
Chem Codes: EcoReference No.: 70161
 Chemical of Concern: DDT,HCCH,ATZ,EN,NYP,TCDD Rejection Code: REVIEW.
- Graymore, M., Stagnitti, F., and Allinson, G. (2001). Impacts of atrazine in aquatic ecosystems. *Environment International* 26: 483-495.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Grenier, G., Marier, J. P., and Beaumont, G. (1979). Physiological Effects of Sublethal Doses of Atrazine on *Lemna minor* L.: IV. Influence on Lipid Composition (Effets Physiologiques de l'Atrazine a Doses Subletales sur *Lemna minor* L. IV. Influence sur la Composition Lipidique). *Can.J.Bot.* 57: 1015-1020 (FRE) (ENG ABS).
Chem Codes: EcoReference No.: 30573
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Grennan, Kathleen, Strachan, Gillian, Porter, Andrew J., Killard, Anthony J., and Smyth, Malcolm R. (2003).

- Atrazine analysis using an amperometric immunosensor based on single-chain antibody fragments and regeneration-free multi-calibrant measurement. *Analytica Chimica Acta* 500: 287-298.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Grossmann, K, Tresch, S, and Plath, P (Triaziflam and Diaminotriazine derivatives affect enantioselectively multiple herbicide target sites. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 56: 559-569.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO COC.
- Grote, D. and Bucsi, C. (1998). Chemical Control of Phytophthora Nicotianae on Tomato Roots with Fosetyl-Aluminium in Hydroponics (Einsatz von Fosetyl-Aluminium gegen Phytophthora Nicotianae an Tomatenwurzeln in Hydroponik). *Gartenbauwissenschaft* 63: 78-87 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 63113
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Gruenhagen, R. D. and Moreland, D. E. (1971). Effects of Herbicides on ATP Levels in Excised Soybean Hypocotyls. *Weed Sci.* 19: 319-323.
Chem Codes: Chemical of Concern: ATZ,DU,DBN,DMB,TFN Rejection Code: IN VITRO.
- Gu, H, Ma, H M, and Liang, S C (2001). A novel water-soluble fluorescent probe for the determination of methylamine. *Fresenius' Journal Of Analytical Chemistry* 371: 570-573.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Gu, J G, Qiao, C, and Gu, J D (2003). Biodegradation of the herbicides atrazine, cyanazine, and dicamba by methanogenic enrichment cultures from selective soils of China. *Bulletin Of Environmental Contamination And Toxicology* 71: 924-932.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gu, Ji-Guang, Fan, Yanzhen, and Gu, Ji-Dong (2003). Biodegradability of Atrazine, Cyanazine and Dicamba under methanogenic condition in three soils of China. *Chemosphere* 52: 1515-1521.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Guidarelli, Andrea, Fiorani, Mara, Tommasini, Ilaria, Cerioni, Liana, and Cantoni, Orazio (Reduced mitochondrial formation of H2O2 is responsible for resistance of dimethyl sulfoxide differentiated U937 cells to peroxyntirite. *The International Journal of Biochemistry & Cell Biology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Gunkel, G. (1983). Investigations of the Ecotoxicological Effect of a Herbicide in an Aquatic Model Ecosystem. I. Sublethal and Lethal Effects. *Arch.Hydrobiol.Suppl.* 65: 235-267 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 11844
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Habekotte, B. and Van Groenendael, J. M. (1988). Population Dynamics of Cyperus esculentus L. (Yellow Nutsedge) Under Various Agricultural Conditions. *Meded.Fac.Landbouwwet.Rijksuniv.Gent* 53: 1251-1260.
Chem Codes: Chemical of Concern: MTL,EPTC,ACR,ATZ,BT Rejection Code: NO CONC.
- Haferkamp, M. R., Grings, E. E., Heitschmidt, R. K., MacNeil, M. D., and Karl, M. G. (2001). Suppression of annual bromes impacts rangeland: Animal responses. *Journal of Range Management*, 54 (6) pp. 663-668, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Haferkamp, M. R., Heitschmidt, R. K., Grings, E. E., Macneil, M. D., and Karl, M. G. (2001). Suppression of annual bromes impacts rangeland: Vegetation responses. *Journal of Range Management*, 54 (6) pp. 656-662, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.

- Hall, J. K., Jones, G. A., Hickman, M. V., Amistadi, M. K., Bogus, E. R., Mumma, R. O., Hartwig, N. L., and Hoffman, L. D. (1998). Formulation and Adjuvant Effects on Leaching of Atrazine and Metolachlor. *J.Environ.Qual.* 27: 1334-1347.
Chem Codes: Chemical of Concern: MTL,ATZ Rejection Code: FATE.
- Hall, L. W. Jr. and Anderson, R. D. (1994). An Updated Review of Estuarine Aquatic Toxicity Data for the Development of Aquatic Life Criteria for Atrazine in Chesapeake Bay. *Phase II Rep., 1993, Chesapeake Bay Prog.No.CBP/TRS 108/94, Maryland Agric.Exp.Stn., Queenstown, MD* 116 p.
Chem Codes: EcoReference No.: 82106
Chemical of Concern: ATZ Rejection Code: REVIEW.
- Hall, W. L. Jr., Anderson, R. D., Kilian, J., and Tierney, D. P. (1999). Concurrent Exposure Assessments of Atrazine and Metolachlor in the Mainstem, Major Tributaries and Small Streams of the Chesapeake Bay Watershed: Indicators of Ecological Risk. *Environ.Monit.Assess.* 59: 155-190 .
Chem Codes: Chemical of Concern: ATZ,MTL Rejection Code: NO DURATION/SURVEY.
- Hamada, Mazen and Wintersteiger, Reinhold (2002). Rapid screening of triazines and quantitative determination in drinking water. *Journal of Biochemical and Biophysical Methods* 53: 229-239.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Hamill, A. S. and Zhang, J. (1997). Rate and Time of Bentazon/Atrazine Application for Broadleaf Weed Control in Corn (*Zea mays*). *Weed Technol.* 11: 549-555.
Chem Codes: Chemical of Concern: BT,ATZ Rejection Code: MIXTURE.
- Hamilton, P. B., Lean, D. R. S., Jackson, G. S., Kaushik, N. K., and Solomon, K. R. (1989). The Effect of Two Applications of Atrazine on the Water Quality of Freshwater Enclosures. *Environ.Pollut.* 60: 291-304 (Publ As 13146).
Chem Codes : EcoReference No.: 778
Chemical of Concern: ATZ Rejection Code: PUBL AS.
- Harman-Fetcho, Jennifer A, Hapeman, Cathleen J, McConnell, Laura L, Potter, Thomas L, Rice, Clifford P, Sadeghi, Ali M, Smith, Ramona D, Bialek, Krystyna, Sefton, Kerry A, and Schaffer et, al. (2005). Pesticide occurrence in selected South Florida canals and Biscayne Bay during high agricultural activity. *Journal Of Agricultural And Food Chemistry* 53: 6040-6048.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Harris, M. L., Bishop, C. A., Struger, J., Van den Heuvel, M. R., Van der Kraak, G. J., Dixon, D. G., Ripley, B., and Bogart, J. P. (1998). The Functional Integrity of Northern Leopard Frog (*Rana pipiens*) and Green Frog (*Rana clamitans*) Populations in Orchard Wetlands: I. Genetics, Physiology, and Biochemistry of Breeding Adults and Young-of-the-Year. *Environ.Toxicol.Chem.* 17: 1338-1350.
Chem Codes: Chemical of Concern: ATZ,SZ,PIM,MTL,ES,DZ,AZ Rejection Code: NO DURATION/SURVEY.
- Harrison, K. and Lang, W. (1993). Emulsification of Several Nonionic Herbicides with Hydrophobically Modified Polyacrylates. In: *3rd Int.Symp.on Adjuvants for Agrochemicals held by the Physicochem.and Biophys.Panel of the SCI (Soc.of Chem.Ind.) Pesticides Group, Aug.3-7, 1992, Cambridge, England, Pestic.Sci.* 38: 252-253.
Chem Codes: Chemical of Concern: MTL,ACR,ATZ Rejection Code: NO DURATION.
- Hartgers, E. M., Aalderink, G. H., Van den Brink, P. J., Gylstra, R., Wiegman, J. W. F., and Brock, T. C. M. (1998). Ecotoxicological Threshold Levels of a Mixture of Herbicides (Atrazine, Diuron and Metolachlor) in Freshwater Microcosms. *Aquat.Ecol.* 32: 135-152.
Chem Codes: EcoReference No.: 72829
Chemical of Concern: ATZ,DU,MTL Rejection Code: MIXTURE.

- Hartzler, R. G. and Roth, G. W. (1993). Effect of Prior Year's Weed Control on Herbicide Effectiveness in Corn (*Zea mays*). *Weed Technol.* 7: 611-614.
Chem Codes: EcoReference No.: 74027
 Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Hauswirth, J. W. and Wetzel, L. T. (1998). Toxicity Characteristics of the 2-Chlorotriazines Atrazine and Simazine. In: L.G.Ballantine, J.E.McFarland, and D.S.Hackett (Eds.), *ACS Symp.Ser.No.683, Triazine Herbicides: Risk Assessment, Chapter 29, March 1996, New Orleans, LA, Am.Chem.Soc., Washington, D.C.* 370-383.
Chem Codes: EcoReference No.: 70469
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Haynes, D., Muller, J., and Carter, S. (2000). Pesticide and Herbicide Residues in Sediments and Seagrasses from the Great Barrier Reef World Heritage Area and Queensland Coast. *Mar.Pollut.Bull.* 41: 279-287 .
Chem Codes: Chemical of Concern: ATZ,DDT,PCB Rejection Code: NO DURATION/SURVEY.
- Hecker, M., Giesy, J. P., Jones, P. D., Jooste, A. M., Carr, J. A., Solomon, K. R., Smith, E. E., Van der Kraak, G., Kendall, R. J., and Du Preez, L. (2004). Plasma Sex Steroid Concentrations and Gonadal Aromatase Activities in African Clawed Frogs (*Xenopus laevis*) from South Africa. *Environ.Toxicol.Chem.* 23: 1996-2007.
Chem Codes: Chemical of Concern: DEATZ,DIATZ,SZ,ATZ Rejection Code: NO DURATION/SURVEY.
- Hecker, Markus, Giesy, John P, Jones, Paul D, Jooste, Alarik M, Carr, James A, Solomon, Keith R, Smith, Ernest E, Van der Kraak, Glen, Kendall, Ronald J, and Du Preez et, al. (2004). Plasma sex steroid concentrations and gonadal aromatase activities in African clawed frogs (*Xenopus laevis*) from South Africa. *Environmental Toxicology And Chemistry / SETAC* 23: 1996-2007.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Hecker, Markus, Kim, Wan Jong, Park, June-Woo, Murphy, Margaret B, Villeneuve, Daniel, Coady, Katherine K, Jones, Paul D, Solomon, Keith R, Van Der Kraak, Glen, and Carr et, al. (2005). Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in *Xenopus laevis* exposed to estradiol or atrazine. *Aquatic Toxicology (Amsterdam, Netherlands)* 72: 383-396.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Hedgecott, S. (1996). Proposed Environmental Quality Standards for Atrazine and Simazine in Water (DWE 9378). *Water Res.Center, Rep.No.DOE2316-P/1* 75 p.
Chem Codes: EcoReference No.: 56348
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Hela, Dimitra G, Lambropoulou, Dimitra A, Konstantinou, Ioannis K, and Albanis, Triantafyllos A (2005). Environmental monitoring and ecological risk assessment for pesticide contamination and effects in Lake Pamvotis, northwestern Greece. *Environmental Toxicology And Chemistry / SETAC* 24: 1548-1556.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Helmke, Martin F, Simpkins, William W, and Horton, Robert (Fracture-controlled nitrate and atrazine transport in four Iowa till units. *Journal Of Environmental Quality* 34: 227-236.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Henderson, Paul T, Delaney, James C, Gu, Feng, Tannenbaum, Steven R, and Essigmann, John M (2002). Oxidation of 7,8-dihydro-8-oxoguanine affords lesions that are potent sources of replication errors in vivo. *Biochemistry* 41: 914-921.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Hendrickson, O D, Skopinskaya, S N, Yarkov, S P, Zherdev, A V, and Dzantiev, B B (2004). Development of liposome immune lysis assay for the herbicide atrazine. *Journal Of Immunoassay & Immunochemistry* 25:

- 279-294.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Hendrickson, Olga D, Zherdev, Anatoly V, Kaplun, Alexander P, and Dzantiev, Boris B (2002). Experimental study and mathematical modeling of the interaction between antibodies and antigens on the surface of liposomes. *Molecular Immunology* 39: 413-422.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Hendriks, A. J. (1995). Modeling Response of Species to Microcontaminants: Comparative Ecotoxicology by (Sub)lethal Body Burdens as a Function of Species Size and Partition Ratio of Chemicals. *Ecotoxicol.Environ.Saf.* 32: 103-130.
Chem Codes: EcoReference No.: 78749
 Chemical of Concern: ATZ Rejection Code: MODELING/REVIEW.
- Hendriks, A. J., Pieters, H., and De Boer, J. (1998). Accumulation of Metals, Polycyclic (Halogenated) Aromatic Hydrocarbons, and Biocides in Zebra Mussel and Eel from the Rhine and Meuse Rivers. *Environ.Toxicol.Chem.* 17: 1885-1898.
Chem Codes: Chemical of Concern: ATZ,PAH,PCB Rejection Code: NO DURATION/SURVEY.
- Henshel, D. S., Allen, C. A., Lam, Y., and Benson, K. (1996). A Comparison of the Early Embryo Effects of Ethanol, 1,1,1-Trichloroethane, Atrazine, 2,4-D, Methyl Mercury, Lead and 2,3,7,8-TCDD. *Toxicologist* 30: 197.
Chem Codes: Chemical of Concern: TCDD,DXN,Pb,Hg,24DXY,ATZ Rejection Code: ABSTRACT.
- Hequet, V., Gonzalez, C., and Le Cloirec, P. (2001). Photochemical processes for atrazine degradation: methodological approach. *Water Research* 35: 4253-4260.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Herzberg, M, Dosoretz, C G, Tarre, S, Beliaevski, M, and Green, M (2004). Biological granulated activated carbon fluidized bed reactor for atrazine remediation. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 49: 215-222.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Herzberg, Moshe, Dosoretz, Carlos G, Tarre, Sheldon, and Green, Michal (2003). Patchy biofilm coverage can explain the potential advantage of BGAC reactors. *Environmental Science & Technology* 37: 4274-4280.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Hey, Donald L., Urban, Laura S., and Kostel, Jill A. (2005). Nutrient farming: The business of environmental management. *Ecological Engineering* 24: 279-287.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Heydel, L., Benoit, M., and Schiavon, M. (1999). Reducing Atrazine Leaching by Integrating Reduced Herbicide Use with Mechanical Weeding in Corn (*Zea mays*). *Eur.J.Agron.* 11: 217-225.
Chem Codes: Chemical of Concern: ATZ,PYD Rejection Code: MIXTURE.
- Hill, A. J., Teraoka, H., Heideman, W., and Peterson, R. E. (2005). Zebrafish as a Model Vertebrate for Investigating Chemical Toxicity. *Toxicol.Sci.* 86: 6-19.
Chem Codes: EcoReference No.: 80718
 Chemical of Concern: MeHg,Al,Hg,Pb,Cu,Cd,Ni,TXP,NYP,PCB,ES,PRN,ATZ Rejection Code: REVIEW.
- Hiltbran, R. C. (1982). Effects of Insecticides on the Metal-Activated Hydrolysis of Adenosine Triphosphate by Bluegill Liver Mitochondria. *Arch.Environ.Contam.Toxicol.* 11: 709-717.
Chem Codes: EcoReference No.: 45635
 Chemical of Concern: ATZ,DZ Rejection Code: IN VITRO.

- Hirkala, Danielle L M and Germida, J J (2004). Field and soil microcosm studies on the survival and conjugation of a *Pseudomonas putida* strain bearing a recombinant plasmid, pADPTel. *Canadian Journal Of Microbiology* 50: 595-604.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Hiskia, A, Ecke, M, Troupis, A, Kokorakis, A, Hennig, H, and Papaconstantinou, E (2001). Sonolytic, photolytic, and photocatalytic decomposition of atrazine in the presence of polyoxometalates. *Environmental Science & Technology* 35: 2358-2364.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Hoagland, K. D., Carder, J. P., and Spawn, R. L. (1996). Effects of Organic Toxic Substances. In: R.J.Stevenson, M.L.Bothwell, and R.L.Lowe (Eds.), *Algal Ecology: Freshwater Benthic Ecosystems, Chapter 15*, Academic Press, San Diego, CA 469-496.
Chem Codes: EcoReference No.: 69194
Chemical of Concern: ATZ,SZ Rejection Code: REFS CHECKED/REVIEW.
- Hoagland, K. D., Drenner, R. W., and Smith, J. D. (1991). Phytoplankton Community Responses to Mixtures of Agricultural Pesticides. *J.Phycol.* 27: 31 (ABS No.163).
Chem Codes: EcoReference No.: 68578
Chemical of Concern: ATZ Rejection Code: ABSTRACT/MIXTURE.
- Holloway, P. J. and Stock, D. (1990). Factors Affecting the Activation of Foliar Uptake of Agrochemicals by Surfactants. In: D.R.Karsa (Ed.), *Symp., Royal Soc.of Chem.Spec.Publ.No.77, Industrial Applications of Surfactants II, Apr.19-20, 1989, Cambridge, England, CRC Press Inc., Boca Raton, FL 303-337*.
Chem Codes: EcoReference No.: 70472
Chemical of Concern: SZ,CBL,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Holman, I. P., Dubus, I. G., Hollis, J. M., and Brown, C. D. (2004). Using a linked soil model emulator and unsaturated zone leaching model to account for preferential flow when assessing the spatially distributed risk of pesticide leaching to groundwater in England and Wales. *The Science of The Total Environment* 318: 73-88.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Holthues, H, Pfeifer-Fukumura, U, Hartmann, I, and Baumann, W (2001). An immunoassay for terbutryn using direct hapten linkage to a glutaraldehyde network on the polystyrene surface of standard microtiter plates. *Fresenius' Journal Of Analytical Chemistry* 371: 897-902.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Holthues, H., Pfeifer-Fukumura, U., Sound, I., and Baumann, W. (2005). Evaluation of the concept of heterology in a monoclonal antibody-based ELISA utilizing direct hapten linkage to polystyrene microtiter plates. *Journal of Immunological Methods* 304: 68-77.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Hopenhayn Rich, C., Stump, M. L., and Browning, S. R. (2002). Regional Assessment of Atrazine Exposure and Incidence of Breast and Ovarian Cancers in Kentucky. *Archives of Environmental Contamination and Toxicology [Arch. Environ. Contam. Toxicol.]*. Vol. 42, no. 1, pp. 127-136. Jan 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Horikoshi, Satoshi and Hidaka, Hisao (2003). Non-degradable triazine substrates of atrazine and cyanuric acid hydrothermally and in supercritical water under the UV-illuminated photocatalytic cooperation. *Chemosphere* 51: 139-142.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Hu, Hongtao, Lin, Xueyu, and Lu, Yongsen (2003). Experimental research on bioremediation of groundwater contaminated by herbicide atrazine. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue*

- Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.] 24: 144-147.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Huang, G, Li, Q, and Zhang, X (2003). Adsorption and desorption of atrazine by three soils. *Bulletin Of Environmental Contamination And Toxicology* 71: 655-661.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Huber, Marc M, Canonica, Silvio, Park, Gun-Young , and von Gunten, Urs (2003). Oxidation of pharmaceuticals during ozonation and advanced oxidation processes. *Environmental Science & Technology* 37: 1016-1024.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Huber, W. (1994). Atrazine in Aquatic Test Systems: An Evaluation of Ecotoxicological Risks. In: I.K.Hill, F.Heimbach, P.Lecuwangh, and P.Matthiessen (Eds.), *Freshwater Field Tests for Hazard Assessment of Chemicals*, Lewis Publ., Boca Raton, FL 273-286.
Chem Codes: EcoReference No.: 72086
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Huber, W. (1993). Ecotoxicological Relevance of Atrazine in Aquatic Systems. *Environ.Toxicol.Chem.* 12: 1865-1881.
Chem Codes: EcoReference No.: 62820
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Huggins, D. G., Johnson, M. L., and DeNoyelles, F. Jr. (1994). The Ecotoxic Effects of Atrazine on Aquatic Ecosystems: An Assessment of Direct and Indirect Effects Using Structural Equation Modeling. In: R.L.Graney, J.H.Kennedy, and J.H.Rogers (Eds.), *Aquatic Mesocosm Studies in Ecological Risk Assessment, Chapter 33*, Lewis Publishers, Boca Raton, FL 653-692 (Publ As 19011).
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING/PUBL AS.
- Hughes, J. S., Reed, J. S., and Krishnaswami, S. K. (1986). The Toxicity of Atrazine, Lot No. FL-850612, to Four Species of Aquatic Plants. *Final Rep.from Malcom Pirnie, Inc.to Giba-Geigy Corp., Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Huppatz, J. L. (1996). Quantifying the Inhibitor-Target Site Interactions of Photosystem II Herbicides. *Weed Sci.* 44: 743-748 .
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: IN VITRO/MODELING/QSAR.
- Hutchinson, T. H., Solbe, J., and Kloepper-Sams, P. J. (1998). Analysis of the ECETOC Aquatic Toxicity (EAT) Database III - Comparative Toxicity of Chemical Substances to Different Life Stages of Aquatic Organisms. *Chemosphere* 36: 129-142.
Chem Codes: EcoReference No.: 69622
 Chemical of Concern:
 ATZ,Ni,PCP,Cu,Cd,Zn,HPT,CPY,PCB,NH,TBT,EN,Hg,HCCH,BNZ,PRN,TOL,Pb,ES,CN,PL,CHD
Rejection Code: REVIEW.
- Hyer, Kenneth E., Hornberger, George M., and Herman, Janet S. (2001). Processes controlling the episodic streamwater transport of atrazine and other agrichemicals in an agricultural watershed. *Journal of Hydrology* 254: 47-66.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ikeda, Yumi, Ohki, Shinpei, Koizumi, Kazuya, Tanaka, Akira, Watanabe, Hiroyuki, Kohno, Hitoshi , van Rensen, Jack J S, Boger, Peter, and Wakabayashi, Ko (2003). Binding site of novel 2-benzylamino-4-methyl-6-trifluoromethyl-1,3,5-triazine herbicides in the D1 protein of Photosystem II. *Photosynthesis Research* 77: 35-43.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

- Ikonen, R., Kangas, J., and Savolainen, H. (1988). Urinary Atrazine Metabolites as Indicators for Rat and Human Exposure to Atrazine. *Toxicol.Lett.* 44: 109-112.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM/NO EFFECT.
- Ilani, Talli, Schulz, Elke, and Chefetz, Benny (Interactions of organic compounds with wastewater dissolved organic matter: role of hydrophobic fractions. *Journal Of Environmental Quality* 34: 552-562.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Iliev, L. K. (1983). The Cytokinin-Like Activity of Atrazine. *Fiziol.Rast.(Sofia)* 9: 27-35 (BUL).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Illinois EPA (1997). Illinois EPA Endocrine Disruptors Strategy. <http://www.nihs.go.jp/hse/envIRON/illiepatable.htm> 1-2.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Inoue, Miriam H, Oliveira, Rubem S Jr, Regitano, Jussara B, Tormena, Cassio A, Constantin, Jamil, and Tornisielo, Valdemar L (2004). Sorption kinetics of atrazine and diuron in soils from southern Brazil. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 39: 589-601.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Isensee, A. R. (1987). Persistence and Movement of Atrazine in a Salt Marsh Sediment Microecosystem. *Bull.EnvIRON.Contam.Toxicol.* 39: 516-523.
Chem Codes: EcoReference No.: 62811
Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Ishihara, Yasuhiro, Shiba, Dai, and Shimamoto, Norio (2005). Primary hepatocyte apoptosis is unlikely to relate to caspase-3 activity under sustained endogenous oxidative stress. *Free Radical Research* 39: 163-173.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Issa, Salah and Wood, Martin (2005). Degradation of atrazine and isoproturon in surface and sub-surface soil materials undergoing different moisture and aeration conditions. *Pest Management Science* 61: 126-132.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Izawa, S. and Good, N. E. (1965). The Number of Sites Sensitive to 3-(3,4-Dichlorophenyl)-1,1-Dimethylurea, 3-(4-Chlorophenyl)-1,1-Dimethylurea and 2-Chloro-4-(2-Propylamino)-6-Ethylamino-s-Triazine in Isolated Chloroplasts. *Biochim.Biophys.Acta* 102: 20-38.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Jablonkai, Istvan (2003). Alkylating reactivity and herbicidal activity of chloroacetamides. *Pest Management Science* 59: 443-450.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Jacobsen, C. S., Shapir, N., Jensen, L. O., Jensen, E. H., Juhler, R. K., Streibig, J. C., Mandelbaum, R. T., and Helweg, A. (2001). Bioavailability of triazine herbicides in a sandy soil profile. *Biology and Fertility of Soils [Biol. Fertility Soils]. Vol. 33, no. 6, pp. 501-506. 2001.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Jain, Seema Rani, Borowska, Ewa, Davidsson, Richard, Tudorache, Madalina, Ponten, Einar, and Emneus, Jenny (2004). A chemiluminescence flow immunosensor based on a porous monolithic metacrylate and polyethylene composite disc modified with protein G. *Biosensors & Bioelectronics* 19: 795-803.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Janauer, G. A. (1977). Phosphate Content of Phaseolus Vulgaris L. Kidney Beans Under the Effect of Atrazine Herbicide. *Phyton Austria* 18: 1-8.

- Chem Codes: EcoReference No.: 26587
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Janauer, G. A. and Kinzel, H. (1976). Effect of Atrazine on the Metabolism of Phaseolus Vulgaris L.: I. Protein and Amino Acids. *Biochem.Physiol.Pflanz.* 169: 45-54.
Chem Codes: EcoReference No.: 43137
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Janauer, G. A. and Kinzel, H. (1976). Effect of Atrazine on the Metabolism of Phaseolus Vulgaris L.: I. Protein and Amino Acids (Wirkung von Atrazine auf den Stoffwechsel von Phaseolus vulgaris L.). *Bioc Phy Pf* 169: 45-54.
Chem Codes : EcoReference No.: 25558
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Janauer, G. A. and Kinzel, H. (1976). Effects of Atrazine on the Metabolism of Carbohydrates, Organic Acids and Nitrogen Compounds in Zea mays L. (Der Einfluss von Atrazin auf den Stoffwechsel der Kohlenhydrate Organischen Säuren und Stickstoff-Verbindungen von Zea mays L.). *Z Pflanzenp* 78: 52-57.
Chem Codes: EcoReference No.: 29206
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Janauer, G. A. and Kinzel, H. (1976). Effects of Atrazine on the Metabolism of Phaseolus Vulgaris L.: II. Carbohydrates and Organic Acids (Die Wirkung von Atrazin auf den Stoffwechsel von Phaseolus vulgaris L. II. Kohlenhydrate und Organische Säuren). *Z Pflanzenp* 77: 383-394.
Chem Codes: EcoReference No.: 29194
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Janjic, V., Sinzar, B., Plesnicar, M., and Trifunovic, M. (1979). Effect of Atrazine and Alachlor on Respiration and Nitrogen Metabolism in Panicum crus-galli (L.) P. Beauv (Delovanje Atrazine i Alachlora na Disanje i Metabolizam Azota u Panicum Crus-Galli (L.) P. Beauv.). *Zast.Biljna* 30: 383-388.
Chem Codes: EcoReference No.: 30232
 Chemical of Concern: ACR,ATZ Rejection Code: NON-ENGLISH.
- Jin, R. e. n. and Ke Jiang (2002). Impact of Atrazine Disposal on the Water Resources of the Yang River in Zhangjiakou Area in China. *Bulletin of Environmental Contamination and Toxicology [Bull. Environ. Contam. Toxicol.]*. Vol. 68, no. 6, pp. 893-900. Jun 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Johannesen, Helle and Aamand, Jens (2003). Mineralization of aged atrazine, terbuthylazine, 2,4-D, and mecoprop in soil and aquifer sediment. *Environmental Toxicology And Chemistry / SETAC* 22: 722-729.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Johanningmeier, U., Sopp, G., Brauner, M., Altenfeld, U., Orawski, G., and Oettmeier, W. (2000). Herbicide Resistance and Supersensitivity in Ala250 or Ala251 Mutants of the D1 Protein in Chlamydomonas reinhardtii. *Pestic.Biochem.Physiol.* 66: 9-19.
Chem Codes: Chemical of Concern: PHMD,ATZ Rejection Code: IN VITRO.
- Johnson, Andrew C, White, Craig, Bhardwaj, C Lal , and Dixon, Andy (2003). The ability of indigenous micro-organisms to degrade isoproturon, atrazine and mecoprop within aerobic UK aquifer systems. *Pest Management Science* 59: 1291-1302.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Johnson, S. E., Herman, J. S., Mills, A. L., and Hornberger, G. M. (1999). Bioavailability and Desorption Characteristics of Aged, Nonextractable Atrazine in Soils. *Environ.Toxicol.Chem.* 18: 1747-1754.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.

- Jones, James J (2004). EPA not responsible for 'uninvitation' of a critic. *Nature* 432: 799.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Jones, P. D., Murphy, M. B., Hecker, M., and Giesy, J. P. (2003). Tissue Pesticide Residues and Histology of the Larynx and Gonads in Native Green Frogs (*Rana clamitans*) Collected from Agricultural Areas in Michigan: Hormone Analysis. *Interim Rep.MSU-02, Aquat.Toxicol.Lab., Mich.State Univ., Natl.Food Saf.and Toxicol.Ctr., E.Lansing, MI* 1-41.
Chem Codes: EcoReference No.: 78090
 Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Kaiser, Jocelyn (2003). Economics. Wielding the data-quality cudgel. *Science* 299: 1837.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA, ABSTRACT.
- Kalkhoff, Stephen J, Lee, Kathy E, Porter, Stephen D, Terrio, Paul J, and Thurman, E Michael (Herbicides and herbicide degradation products in Upper Midwest agricultural streams during August base-flow conditions. *Journal Of Environmental Quality* 32: 1025-1035.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kamra, S K, Lennartz, B, Van Genuchten, M T, and Widmoser, P (2001). Evaluating non-equilibrium solute transport in small soil columns. *Journal Of Contaminant Hydrology* 48: 189-212.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kang, Kyoung Ah, Lee, Kyoung Hwa, Chae, Sungwook , Zhang, Rui, Jung, Myung Sun, Lee, Youngki, Kim, So Young, Kim, Hee Sun, Joo, Hong Gu, and Park, Jae Woo (Eckol isolated from *Ecklonia cava* attenuates oxidative stress induced cell damage in lung fibroblast cells. *FEBS Letters* In Press, Uncorrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Kao, C M, Wang, J Y, Chen, K F, Lee, H Y, and Wu, M J (2002). Non-point source pesticide removal by a mountainous wetland. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 46: 199-206.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kao, C M, Wang, J Y, and Wu, M J (2001). Evaluation of atrazine removal processes in a wetland. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 539-544.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Karlaganis, G. and Bradley, S. E. (1992). Soil Atrazine Clearance: Application of a Physiologic and Clinical Pharmacologic Approach in Environmental Science. *Chemosphere* 24: 1645-1652.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE/NO SPECIES.
- Karpel Vel Leitner, N., Syoen, G., Romat, H., Urashima, K., and Chang, J.-S. (2005). Generation of active entities by the pulsed arc electrohydraulic discharge system and application to removal of atrazine. *Water Research* 39: 4705-4714.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Karunen, P. and Wilkinson, R. E. (1977). Experimental Results of EPTC and Atrazine--A Physiological Investigation (Samspelseffekter Mellan EPTC och Atrazin-en Fysiologisk Undersokning). 99 *In Ogras Och Ograsbekampning, Svenska Ograskonf* (SWE).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Katz, Ilan, Dosoretz, Carlos G., Mandelbaum, Raphi T., and Green, Michal (2001). Atrazine degradation under denitrifying conditions in continuous culture of *Pseudomonas* ADP. *Water Research* 35: 3272-3275.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kaufman, D. D. and Blake, J. (1969). Atrazine Degradation by Soil Fungi. *Weed Sci.Soc.Am., Abstr.No.230*.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Kaur, Jasdeep, Singh, Kanwar Vikas, Schmid, Ashwini Hirlekar, Varshney, Grish C., Suri, C. Raman, and Raje, Manoj (2004). Atomic force spectroscopy-based study of antibody pesticide interactions for characterization of immunosensor surface. *Biosensors and Bioelectronics* 20: 284-293 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Kaushik, Shalini and Inderjit (Phytotoxicity of selected herbicides to mung bean (*Phaseolus aureus* Roxb.)). *Environmental and Experimental Botany* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Kawahigashi, H., Hirose, S., Ohkawa, H., and Ohkawa, Y. (2003). Transgenic rice plants expressing human CYP1A1 exude herbicide metabolites from their roots. *Plant Science*, 165 (2) pp. 373-381, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Kawasaki, T, Tokuhiko, M, Kimizuka, N, and Kunitake, T (2001). Hierarchical self-assembly of chiral complementary hydrogen-bond networks in water: reconstitution of supramolecular membranes. *Journal Of The American Chemical Society* 123: 6792-6800.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Keller, J. M. and McClellan-Green, P. *. (2004). Effects of organochlorine compounds on cytochrome P450 aromatase activity in an immortal sea turtle cell line. *Marine environmental research [Mar. Environ. Res.]*. Vol. 58, no. 2-5, pp. 347-351. 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Kesseru, Peter, Kiss, Istvan, Bihari, Zoltan, and Polyak, Bela (2002). The effects of NaCl and some heavy metals on the denitrification activity of *Ochrobactrum anthropi*. *Journal Of Basic Microbiology* 42: 268-276.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Key, P B, Fulton, M H, Harman-Fetcho, J A, and McConnell, L L (2003). Acetylcholinesterase activity in grass shrimp and aqueous pesticide levels from South Florida drainage canals. *Archives Of Environmental Contamination And Toxicology* 45: 371-377.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE,SURVEY.
- Khaled, Amira, Ivannikova, Tatiana, and Auge, Claudine (2004). Synthesis of unnatural sugar nucleotides and their evaluation as donor substrates in glycosyltransferase-catalyzed reactions. *Carbohydrate Research* 339: 2641-2649.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Khrolenko, Maxim, Dzygiel, Pawel, and Wieczorek, Piotr (2002). Combination of supported liquid membrane and solid-phase extraction for sample pretreatment of triazine herbicides in juice prior to capillary electrophoresis determination. *Journal Of Chromatography* 975: 219-227.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Khromonygina, V V, Saltykova, A I, Vasil'chenko, L G, Kozlov, Iu P, and Rabinovich, M L (Degradation of the herbicide atrazine by the soil mycelial fungus INBI 2-26(-)--a producer of cellobiose dehydrogenase. *Prikladnaia Biokhimiia i Mikrobiologiya* 40: 337-343 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Killard, Anthony J., Micheli, Laura, Grennan, Kathleen, Franek, Milan, Kolar, Vladimir, Moscone, Danila, Palchetti, Ilaria, and Smyth, Malcolm R. (2001). Amperometric separation-free immunosensor for real-time environmental monitoring. *Analytica Chimica Acta* 427: 173-180.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Kim, D-S, Kumar, A, Parab, R, and Palmer, M (2004). Simulation of atrazine discharge in the Auglaize Watershed

- using satellite-generated images. *Bulletin Of Environmental Contamination And Toxicology* 73: 319-325.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Kim, Jae-Young, Mulchandani, Ashok, and Chen, Wilfred (2003). An immunoassay for atrazine using tunable immunosorbent. *Analytical Biochemistry* 322: 251-256.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Kirby, M. F., Blackburn, M. A., Thain, J. E., and Waldock, M. J. (1998). Assessment of Water Quality in Estuarine and Coastal Waters of England and Wales Using a Contaminant Concentration Technique. *Mar.Pollut.Bull.* 36: 631-642.
Chem Codes: EcoReference No.: 70883
 Chemical of Concern: ATZ,SZ,TBT,HCCH,PAH Rejection Code: REFS CHECKED/REVIEW.
- Kirkwood, R. C. and McKay, I. (1994). Accumulation and Elimination of Herbicides in Selected Crop and Weed Species. *Pestic.Sci.* 42: 241-249.
Chem Codes: EcoReference No.: 80548
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Kiso, Yoshiaki, Mizuno, Atsuo, Othman, Rabi Atul Adawiah binti, Jung, Yong-Jun, Kumano, Atsuo, and Arij, Akihiro (2002). Rejection properties of pesticides with a hollow fiber NF membrane (HNF-1). *Desalination* 143: 147-157.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Kladivko, E. J., Grochulska, J., Turco, R. F., Van Scoyoc, G. E., and Eigel, J. D. (1999). Pesticide and Nitrate Transport into Subsurface Tile Drains of Different Spacings. *J.Environ.Qual.* 28: 997-1004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Klaine, S. J., Hinman, M. L., Winkelmann, D. A., Sauser, K. R., Martin, J. R., and Moore, L. W. (1988). Characterization of Agricultural Nonpoint Pollution: Pesticide Migration in a West Tennessee Watershed. *Environ.Toxicol.Chem.* 7: 609-614.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Klein, J., Brueggemann, R., Voigt, K., and Steinberg, C. E. W. (1995). Advances in Comparative Analysis of Adverse Effects in Aquatic Ecosystems with Emphasis on Studies with Humic Substances and on Progress in Mathematical Analysis Techniques. *Water Res.* 29: 2261-2268.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REFS CHECKED/REVIEW/SURVEY .
- Kligerman, A. D., Chapin, R. E., Erexson, G. L., Germolec, D. R., Kwanyuen, P., and Yang, R. S. H. (1993). Analyses of Cytogenetic Damage in Rodents Following Exposure to Simulated Groundwater Contaminated with Pesticides and a Fertilizer. *Mutat.Res.* 300: 125-134.
Chem Codes: Chemical of Concern: SZ,ATZ,NH Rejection Code: MIXTURE.
- Kline, E. R., Mattson, V. R., Pickering, Q. H., Spehar, D. L., and Stephan, C. E. (1987). Effects of Pollution on Freshwater Organisms. *J.Water Pollut.Control Fed.* 59: 539-572.
Chem Codes: EcoReference No.: 51026
 Chemical of Concern:
 AND,Al,NH,As,ATZ,Ba,BNZ,Be,Cd,CBL,CTC,CHD,Cl,Cl2,CBZ,CF,CPH,CPY,Cr,Co,cU,CN,DDT,DZ,TCDD,DCB,DPDP,DLD,DMB,DXN,EDT,ES,EN,ETHB,FRN,FML,HPT,HCCH,Fe,Pb,Mn,Hg,PRN,Mo,NAPH,PAH,Ni,NBZ,NP,PCB,PCP,PL,PHTH,Se,Ag,SZ,Sn,TOL,TXP,TPH,TCE,V,Zn Rejection Code: REFS CHECKED/REVIEW.
- Kliuchnikov, L. Y., Petrova, A. N., and Polesko, Y. A. (1964). The Effect of Simazin and Atrazin upon on Microflora of Sandy Soil. *Mikrobiologiya* 33: 992-996 (RUS) (ENG ABS).
Chem Codes: EcoReference No.: 71384
 Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.

- Kliuchnikov, L. Y., Petrova, A. N., and Polesko, Y. A. (1964). The Effect of Simazin and Atrazin upon the Microflora of Sand Soil. *Mikrobiologiya* 33: 992-996 (RUS)(ENG ABS).
Chem Codes: EcoReference No.: 59515
 Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Knezevic, M., Durkic, M., Knezevic, I., and Loncaric, Z. (2003). Effects of Pre- and Post-Emergence Weed Control on Weed Population and Maize Yield in Different Tillage Systems. *Plant Soil Environ.* 49: 223-229.
Chem Codes: Chemical of Concern: ATZ,MTC,PST,PMSM,BMN,THFM,NSF Rejection Code: MIXTURE.
- Kniewald, J., Tomljenovic, A., Jakominic, M., Gaurina, V., and Kniewald, Z. (1996). Subcellular Changes in Uterus Under Atrazine Influence. *Toxicol.Lett.* 88: 66 (ABS No.P21-339).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Kniewald, J., Tomljenovic, A., Jakominic, M., Romac, P., Vranesic, D., and Kniewald, Z. (1998). Atrazine Toxicity in Male Rat Reproductive Processes. *Toxicol.Lett.* 95: 214 (ABS No.P4C51).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Kniewals, J., Kmetec, I., Gaurina Srcek, V., Simic, B., and Kniewald, Z. (2003). 411 Cytotoxicity of herbicide atrazine on Chinese hamster ovary cell line in monolayer. *Toxicology Letters* 144: s111-s112.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Knight, Jonathan (2003). Scientists attack industrial influence. *Nature* 426: 741.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Kodama, Tohru, Ding, Linxian, Yoshida, Makiko, and Yajima, Masao (2001). Biodegradation of an s-triazine herbicide, simazine. *Journal of Molecular Catalysis B: Enzymatic* 11: 1073-1078.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kolpin, Dana W., Thurman, E. Michael, Lee, Edward A., Meyer, Michael T., Furlong, Edward T., and Glassmeyer, Susan T. (Urban contributions of glyphosate and its degradate AMPA to streams in the United States. *Science of The Total Environment* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Koneva, N D (Characterization and in situ monitoring of atrazine-transforming bacteria. *Mikrobiologiya* 73: 763-767.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Konnai, M. (1993). Development of Herbicides and Changes in Their Potencies. *Agrochem.Jpn.* 18-19.
Chem Codes: Chemical of Concern: SZ,SXD,IZP,PCP,ATZ,PDM,GYP Rejection Code: NO TOX DATA/REFS CHECKED/REVIEW.
- Konstantinou, I. K., Zarkadis, A. K., and Albanis, T. A. (2001). Photodegradation of selected herbicides in various natural waters and soils under environmental conditions. *Journal of Environmental Quality*, 30 (1) pp. 121-130, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Konstantinou, Ioannis K., Hela, Dimitra G., and Albanis, Triantafyllos A. (The status of pesticide pollution in surface waters (rivers and lakes) of Greece. Part I. Review on occurrence and levels. *Environmental Pollution* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW,NO SOURCE.
- Kornerova, M., Hola, D., and Chodova, D. (1998). The Effect of Irradiance on Hill Reaction Activity of Atrazine-Resistant and -Susceptible Biotypes of Weeds. *Photosynthetica* 35: 265-268.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.

- Koroleva, O V, Stepanova, E V, Landesman, E O, Vasil'chenko, L G, Khromonygina, V V, Zherdev, A V, and Rabinovich, M L (Immunoenzyme analysis of decomposition of herbicides by soil and wood-rot fungi. *Prikladnaia Biokhimiia i Mikrobiologiya* 38: 413-418.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Kosinski, R. J., Wren, S. W., and Soukup, L. E. (1983). The Effect of Terrestrial Herbicides on the Productivity of Agricultural Stream Communities. *Can.Plains Proc.* 11: 3-13 (Publ As 11864).
Chem Codes: EcoReference No.: 11254
Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kottler, B D, White, J C, and Kelsey, J W (2001). Influence of soil moisture on the sequestration of organic compounds in soil. *Chemosphere* 42: 893-898.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kozlova, M. L. (1963). The Use of Simazine and Atrazine for Protecting Spruce and Pine Seedlings in Nurseries Against Weeds. *Sb.Inst.Len.* 6: 278-282.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SOURCE.
- Krasnikov, V. and Chikulaev, V. (1962). The Use of Simazine and Atrazine in Plantings of Corn. *Kukuruza* 5: 54-55 (RUS).
Chem Codes: EcoReference No.: 28483
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Krasteva, M. (1968). Effect of the Triazine Herbicides Simazine and Atrazine upon Young Plum Trees. *Grad Loz Nk* 5: 47-52 (RUS) (ENG ABS).
Chem Codes: EcoReference No.: 28340
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Kristensen, G B, Johannesen, H, and Aamand, J (2001). Mineralization of aged atrazine and mecoprop in soil and aquifer chalk . *Chemosphere* 45: 927-934.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Kross, B. C., Vergara, A., and Raue, L. E. (1992). Toxicity Assessment of Atrazine, Alachlor, and Carbofuran and Their Respective Environmental Metabolites Using Microtox. *J.Toxicol.EnvIRON.Health* 37: 149-159.
Chem Codes: EcoReference No.: 70645
Chemical of Concern: ATZ,ACR,CBF Rejection Code: BACTERIA.
- Kruawal, Kornprabha, Sacher, Frank, Werner, Andreas, Muller, Jutta, and Knepper, Thomas P. (2005). Chemical water quality in Thailand and its impacts on the drinking water production in Thailand. *Science of The Total Environment* 340: 57-70.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Krutz, Larry Jason, Senseman, Scott Allen, McInnes, Kevin Joseph, Zuberer, David Allen, and Tierney, Dennis Patrick (2003). Adsorption and desorption of atrazine, desethylatrazine, deisopropylatrazine, and hydroxyatrazine in vegetated filter strip and cultivated soil. *Journal Of Agricultural And Food Chemistry* 51: 7379-7384.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Kuang, Zhihua, McConnell, Laura L, Torrents, Alba, Meritt, Donald, and Tobash, Stephanie (Atmospheric deposition of pesticides to an agricultural watershed of the Chesapeake Bay. *Journal Of Environmental Quality* 32: 1611-1622.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kunze, P. (1989). Change of Behaviour with Atrazine in an Electric Fish (Verhaltensanderung Durch Atrazin bei Einem Elektrischen Fisch). *Z.Wasser-Abwasser-Forsch.* 22: 108-111 (GER) (ENG ABS).

- Chem Codes: EcoReference No.: 78504
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Kusharyoto, Wien, Pleiss, Jurgen, Bachmann, Till T, and Schmid, Rolf D (2002). Mapping of a hapten-binding site: molecular modeling and site-directed mutagenesis study of an anti-atrazine antibody. *Protein Engineering* 15: 233-241.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Laabs, V, Amelung, W, Pinto, A, and Zech, W (Fate of pesticides in tropical soils of Brazil under field conditions. *Journal Of Environmental Quality* 31: 256-268 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Labidi, M, Ahmad, D, Halasz, A, and Hawari, J (2001). Biotransformation and partial mineralization of the explosive 2,4,6-trinitrotoluene (TNT) by rhizobia. *Canadian Journal Of Microbiology* 47: 559-566.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Labrou, Nikolaos E, Kotzia, Georgia A, and Clonis, Yannis D (2004). Engineering the xenobiotic substrate specificity of maize glutathione S-transferase I. *Protein Engineering, Design & Selection: PEDS* 17: 741-748.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Lackhoff, Marion and Niessner, Reinhard (2002). Photocatalytic atrazine degradation by synthetic minerals, atmospheric aerosols, and soil particles. *Environmental Science & Technology* 36: 5342-5347.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lal, R. and Saxena, D. M. (1980). Cytological and Biochemical Effects of Pesticides on Microorganisms. *Residue Rev.* 73: 49-86.
Chem Codes: EcoReference No.: 72238
Chemical of Concern: PCB,ATZ,DDT,DLD,24DXY,HCCH,AND,Captan,CHD,CTN,DU,MLN,Hg
Rejection Code: REVIEW.
- Lamoureux, G. L. and Rusness, D. G. (1995). Status and Future of Synergists in Resistance Management. In: *N.N.Ragsdale, P.C.Kearney, and J.R.Plimmer (Eds.), Proc.8th Int.Congr.of Pestic.Chem., Am.Chem.Soc., Washington, D.C.* 350-366.
Chem Codes: EcoReference No.: 72034
Chemical of Concern: ATZ,PPB,PMR,DMT,PRN,CBF,DFZ,CYP,DZ,ACR,SZ,GYP,DMB Rejection Code: REVIEW.
- Lamoureux, G. L., Simoneaux, B., and Larson, J. (1998). The Metabolism of Atrazine and Related 2-Chloro-4,6-bis(Alkylamino)-s-Triazines in Plants. In: *L.G.Ballantine, J.E.McFarland, and D.S.Hackett (Eds.), ACS Symp.Ser.No.683, Triazine Herbicides: Risk Assessment, Chapter 6, March 1996, New Orleans, LA, Am.Chem.Soc., Washington, D.C.* 60-81.
Chem Codes: EcoReference No.: 70470
Chemical of Concern: SZ,ATZ,PNB Rejection Code: REFS CHECKED/REVIEW.
- Langdale, C., Stoker, T., and Cooper, R. (2004). Maternal Atrazine (ATR) Alters Hypothalamic Dopamine (HYP-DA) And Serum Prolactin (SPRL) In Male Pups. *Toxicologist* 78: 116.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Lange, R., Hutchinson, T. H., Scholz, N., and Solbe, J. (1998). Analysis of the ECETOC Aquatic Toxicity (EAT) Database II - Comparison of Acute to Chronic Ratios for Various Aquatic Organisms and Chemical Substances. *Chemosphere* 36: 115-127.
Chem Codes: EcoReference No.: 69623
Chemical of Concern: ATZ,NH,ACL,Cd,ES,HPT,HCCH,TBT Rejection Code: REVIEW.

- Lange, S, Schmitt, J, and Schmid, R D (2001). High-yield expression of the recombinant, atrazine-specific Fab fragment K411B by the methylotrophic yeast *Pichia pastoris*. *Journal Of Immunological Methods* 255: 103-114.
Chem Codes: Chemical of Concern: ATZ Rejection Code: YEAST.
- Laroche, A., Beaumont, G., and Grenier, G. (1989). Lipid Analysis of Chloroplasts Isolated from *Lemna minor* Grown in the Presence of a Sublethal Concentration of Atrazine (Analyse des Lipides des Chloroplastes Isoles de *Lemna minor* en Presence d'une Concentration Subletale d'Atrazine). *Plant Physiol.Biochem.* 27: 93-97 (FRE) (ENG ABS).
Chem Codes: EcoReference No.: 65423
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Larocque, M., Banton, O., and Lafrance, P. (1998). Simulating the Fate of Atrazine and Deethylatrazine in a Quebec Soil Planted with Corn - Application of the AgriFlux Model (Simulation par le Modele AgriFlux du Devenir de l'Atrazine et du Deethylatrazine dans un sol du Quebec sous mais Sucre). *Rev.Sci.Eau* 11: 191-208.
Chem Codes: EcoReference No.: 66644
 Chemical of Concern: ATZ,SZ(degradate) Rejection Code: FATE/NON-ENGLISH.
- Larsen, Gitte G, Appel, Karen F, Wolff, Anne-Mette, Nielsen, Jens, and Arnau, Jose (2004). Characterisation of the *Mucor circinelloides* regulated promoter *gpd1P*. *Current Genetics* 45: 225-234.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Larsen, L and Aamand, J (2001). Degradation of herbicides in two sandy aquifers under different redox conditions. *Chemosphere* 44: 231-236.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Larsen, L, Jorgensen, C, and Aamand, J (Potential mineralization of four herbicides in a ground water--fed wetland area. *Journal Of Environmental Quality* 30: 24-30.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Latosinska, J. N. (2003). ¹³C CP/MAS NMR and DFT studies of thiazides. *Journal of Molecular Structure* 646: 211-225.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Latosinska, J. N., Latosinska, M., Utrecht, R., Mielcarek, S., and Pietrzak, J. (2004). Molecular dynamics of solid benzothiadiazine derivatives (Thiazides). A study by NMR, DTA and DFT methods. *Journal of Molecular Structure* 694: 211-217.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Lavado, Ramon, Thibaut, Remi, Raldua, Demetrio, Martin, Rebeca, and Porte, Cinta (2004). First evidence of endocrine disruption in feral carp from the Ebro River. *Toxicology and Applied Pharmacology* 196: 247-257.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY, IN VITRO.
- Lavignac, Nathalie, Allender, Christopher J., and Brain, Keith R. (2004). 4-(3-Aminopropylene)-7-nitrobenzofurazan: a new polymerisable monomer for use in homogeneous molecularly imprinted sorbent fluoroassays. *Tetrahedron Letters* 45: 3625-3627.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Lawrence, J R, Scharf, B, Packroff, G, and Neu, T R (2002). Microscale evaluation of the effects of grazing by invertebrates with contrasting feeding modes on river biofilm architecture and composition. *Microbial Ecology* 44: 199-207.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.

- Lawton, Jennifer C., Pennington, Paul L., Chung, Katy W., and Scott, Geoffrey I. (Toxicity of atrazine to the juvenile hard clam, *Mercenaria mercenaria*. *Ecotoxicology and Environmental Safety* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Le Pennec, G and Le Pennec, M (2001). Evaluation of the toxicity of chemical compounds using digestive acini of the bivalve mollusc *Pecten maximus* L. maintained alive in vitro. *Aquatic Toxicology (Amsterdam, Netherlands)* 53: 1-7.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- LeBaron, H. M. (1998). The Role of Triazines in Managing Weeds Resistant to Other Herbicides. In: *L.G.Ballantine, J.E.McFarland, and D.S.Hackett (Eds.), ACS Symp.Ser.No.683, Triazine Herbicides: Risk Assessment, Chapter 2, March 1996, New Orleans, LA, Am.Chem.Soc., Washington, D.C.* 9-23.
Chem Codes: Chemical of Concern: SZ,ATZ,DMB Rejection Code: REFS CHECKED/REVIEW.
- LeBlanc, G. A. (1995). Trophic-Level Differences in the Bioconcentration of Chemicals: Implications in Assessing Environmental Biomagnification. *Environ.Sci.Technol.* 29: 154-160.
Chem Codes: EcoReference No.: 78700
 Chemical of Concern: ATZ,DLDDDT Rejection Code: REVIEW.
- Lee, Seungsin and Obendorf, S Kay (2005). Statistical model of pesticide penetration through woven work clothing fabrics. *Archives Of Environmental Contamination And Toxicology* 49: 266-273.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Legler, Juliette, Dennekamp, Martine, Vethaak, A Dick, Brouwer, Abraham, Koeman, Jan H, van der Burg, Bart, and Murk, Albertinka J (2002). Detection of estrogenic activity in sediment-associated compounds using in vitro reporter gene assays. *The Science Of The Total Environment* 293: 69-83.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Lehotay, S. J., Harman-Fetcho, J. A., and McConnell, L. L. (1998). Agricultural Pesticide Residues in Oysters and Water from Two Chesapeake Bay Tributaries. *Mar.Pollut.Bull.* 37: 32-44.
Chem Codes: Chemical of Concern: ATZ,DDT,TFN Rejection Code: NO DURATION/SURVEY.
- Lei, Yu, Mulchandani, Priti, Chen, Wilfred, and Mulchandani, Ashok (2005). Direct determination of p-nitrophenyl substituent organophosphorus nerve agents using a recombinant *Pseudomonas putida* JS444-modified Clark oxygen electrode. *Journal Of Agricultural And Food Chemistry* 53: 524-527.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Lei, Z F, Ye, C M, and Wang, X J (2001). Hydrolysis kinetics of atrazine and influence factors. *Journal Of Environmental Sciences (China)* 13: 99-103.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lerch, R N and Blanchard, P E (2003). Watershed vulnerability to herbicide transport in northern Missouri and southern Iowa streams. *Environmental Science & Technology* 37: 5518-5527.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lesan, Heather M and Bhandari, Alok (2003). Atrazine sorption on surface soils: time-dependent phase distribution and apparent desorption hysteresis. *Water Research* 37: 1644-1654.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lesan, Heather M. and Bhandari, Alok (2004). Contact-time-dependent atrazine residue formation in surface soils. *Water Research* 38: 4435-4445.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Letorme, Bertrand, Vanclooster, Marnik, Rounsevell, Mark D. A., and Bogaert, Patrick (Discriminating between

- point and non-point sources of atrazine contamination of a sandy aquifer. *Science of The Total Environment* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Leu, Christian, Singer, Heinz, Muller, Stephan R , Schwarzenbach, Rene P, and Stamm, Christian (Comparison of atrazine losses in three small headwater catchments. *Journal Of Environmental Quality* 34: 1873-1882.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Leu, Christian, Singer, Heinz, Stamm, Christian, Muller, Stephan R, and Schwarzenbach, Rene P (2004). Simultaneous assessment of sources, processes, and factors influencing herbicide losses to surface waters in a small agricultural catchment. *Environmental Science & Technology* 38: 3827-3834.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Leu, Christian, Singer, Heinz, Stamm, Christian, Muller, Stephan R, and Schwarzenbach, Rene P (2004). Variability of herbicide losses from 13 fields to surface water within a small catchment after a controlled herbicide application. *Environmental Science & Technology* 38: 3835-3841.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Levanon, D. (1993). Roles of Fungi and Bacteria in the Mineralization of the Pesticides Atrazine, Alachlor, Malathion and Carbofuran in Soil. *Soil Biol.Biochem.* 25: 1097-1105.
Chem Codes: Chemical of Concern: CBF,MLN,ATZ,ACR Rejection Code: BACTERIA/NO EFFECT.
- Lewis, Michael A., Boustany, Ronald G., Dantin, Darrin D., Quarles, Robert L., Moore, James C., and Stanley, Roman S. (2002). Effects of a Coastal Golf Complex on Water Quality, Periphyton, and Seagrass. *Ecotoxicology and Environmental Safety* 53: 154-162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Li, Min, Wu, Robert S, Tsai, Shiow-Fen, Rosen, Steven M, DiCesare, Joseph, Tsai, Jane S C, and Salamone, Salvatore J (2003). Development of a microparticle-based on-site immunoassay for the detection of atrazine in soil and water samples. *The Analyst* 128: 65-69.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Li, Qilin, Marinas, Benito J, Snoeyink, Vernon L, and Campos, Carlos (2003). Three-component competitive adsorption model for flow-through PAC systems. 1. Model development and verification with a PAC/membrane system. *Environmental Science & Technology* 37: 2997-3004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Li, Qilin, Marinas, Benito J, Snoeyink, Vernon L, and Campos, Carlos (2003). Three-component competitive adsorption model for flow-through PAC systems. 2. Model application to a PAC/membrane system. *Environmental Science & Technology* 37: 3005-3011.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Li, Qilin, Snoeyink, Vernon L, Campos, Carlos, and Marinas, Benito J (2002). Displacement effect of NOM on atrazine adsorption by PACs with different pore size distributions. *Environmental Science & Technology* 36: 1510-1515.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Li, Qilin, Snoeyink, Vernon L, Mariaas, Benito J, and Campos, Carlos (2003). Elucidating competitive adsorption mechanisms of atrazine and NOM using model compounds. *Water Research* 37: 773-784.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Li, Qilin, Snoeyink, Vernon L, Marinas, Benito J, and Campos, Carlos (2003). Pore blockage effect of NOM on atrazine adsorption kinetics of PAC: the roles of PAC pore size distribution and NOM molecular weight. *Water Research* 37: 4863-4872.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Li, Qingbo, Huang, Guohong, Wang, Yanhong, and Liu, Xiaoyi (2002). Advances of studies on ecological risk of herbicide atrazine and its determination and remediation. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 13: 625-628.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Li, Y R, Huang, G H, Li, Y F, Struger, J, and Fischer, J D (2003). A pesticide runoff model for simulating runoff losses of pesticides from agricultural lands. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 47: 33-40.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Li, Yue-Ren, Li, Yi-Fan, Struger, John, Chen, Bing, and Huang, Gordon H (2003). Pesticide runoff model (PeRM): a case study for the Kintore Creek Watershed, Ontario, Canada. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 38: 257-273.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Libra, J. A., Ro, K. S., Chung, K. H., and Chung, Y. C. (1996). Pesticides and Herbicides. *Water Environ.Res.* 68: 564-568 .
Chem Codes: EcoReference No.: 70200
Chemical of Concern: SZ,ATZ,DMB Rejection Code: REFS CHECKED/REVIEW.
- Lin, A J, Zhu, Y G, Tong, Y P, and Geng, C N (2005). Evaluation of genotoxicity of combined pollution by cadmium and atrazine. *Bulletin Of Environmental Contamination And Toxicology* 74: 589-596.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Lin, C. H., Lerch, R. N., Garrett, H. E., Johnson, W. G., Jordan, D., and George, M. F. (2003). Bioremediation and Biodegradation: The Effect of Five Forage Species on Transport and Transformation of Atrazine and Isoxaflutole (Balance) in Lysimeter Leachate. *Journal of Environmental Quality*, 32 (6) pp. 1992-2000, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lin, Y. J., Karuppiiah, M., Shaw, A., and Gupta, G. (1999). Effect of Simulated Sunlight on Atrazine and Metolachlor Toxicity of Surface Waters. *Ecotoxicol.Environ.Saf.* 43: 35-37.
Chem Codes: Chemical of Concern: ATZ, MTL Rejection Code: BACTERIA.
- Ling, Wan-Ting, Wang, Hai-Zhen, Xu, Jian-Ming, and Gao, Yan-Zheng (2005). Sorption of dissolved organic matter and its effects on the atrazine sorption on soils. *Journal Of Environmental Sciences (China)* 17: 478-482.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ling, Wanting, Xu, Jianming, and Gao, Yanzheng (2005). Effects of dissolved organic matter from sewage sludge on the atrazine sorption by soils. *Science In China. Series C, Life Sciences / Chinese Academy Of Sciences* 48: 57-66.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lippa, K A and Roberts, A L (2002). Nucleophilic aromatic substitution reactions of chloroazines with bisulfide (HS-) and polysulfides (Sn2-). *Environmental Science & Technology* 36: 2008-2018.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Little, Monica K. and Crawley, Charlene D. (2002). On-line pre-concentration of atrazine by antibody immobilization capillary electrophoresis. *Analytica Chimica Acta* 464: 25-35.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Liu, Bo, McConnell, Laura L, and Torrents, Alba (2002). Herbicide and insecticide loadings from the Susquehanna River to the northern Chesapeake Bay. *Journal Of Agricultural And Food Chemistry* 50: 4385-4392.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Liu, Guang-shen, Xu, Dong-mei, Wang, Li-ming, Li, Ke-bin, and Liu, Wei-ping (2004). Effect of organic/inorganic compounds on the enzymes in soil under acid rain stress. *Journal Of Environmental Sciences (China)* 16: 177-180.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Liu, Guangshen, Xu, Dongmei, Li, Kebin, and Liu, Weiping (2004). Effect of acid rain, copper, and atrazine on soil hydrolase activity. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 15: 127-130.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Liu, Wei-ping, Cai, Xi-yun, Xu, Zhong-jian, Li, Ke-bin, and Xu, Dong-mei (2004). Simultaneous determination of four-components in mixed herbicides by modified target factor analysis-UV spectrophotometry. *Guang Pu Xue Yu Guang Pu Fen Xi = Guang Pu* 24: 459-462.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Liu, Weiping, Yang, Weichun, Liu, Huijun, and Chen, Xueping (2002). Influence of atrazine on the tyrosine environment of catalase. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 23: 86-90.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Locke, M. A. and Bryson, C. T. (1997). Herbicide-Soil Interactions in Reduced Tillage and Plant Residue Management Systems. *Weed Sci.* 45: 307-320.
Chem Codes: Chemical of Concern: SZ,ATZ,DMB Rejection Code: BACTERIA.
- Lode, O., Eklo, O. M., Kraft, P., and Riise, G. (1994). Leaching of Simazine and Atrazine from an Industrial Area to a Water Source. A Long-Term Case Study. *Norw.J.Agric.Sci.Suppl.* 13: 79-88.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Loiseau, Ludovic and Barriuso, Enrique (2002). Characterization of the atrazine's bound (nonextractable) residues using fractionation techniques for soil organic matter. *Environmental Science & Technology* 36: 683-689.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Lopez-Flores, Rocio, Quintana, Xavier D., Salvado, Victoria, Hidalgo, Manuela, Sala, Lluís, and Moreno-Amich, Ramon (2003). Comparison of nutrient and contaminant fluxes in two areas with different hydrological regimes (Empordà Wetlands, NE Spain). *Water Research* 37: 3034-3046.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Lopez-Gutierrez, Juan C, Philippot, Laurent, and Martin-Laurent, Fabrice (2005). Impact of maize mucilage on atrazine mineralization and atzC abundance. *Pest Management Science* 61: 838-844.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Lopez, L, Pozo, C, Rodelas, B, Calvo, C, Juarez, B, Martinez-Toledo, M V, and Gonzalez-Lopez, J (2005). Identification of bacteria isolated from an oligotrophic lake with pesticide removal capacities. *Ecotoxicology (London, England)* 14: 299-312.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Lowcock, L. A., Sharbel, T. F., Bonin, J., Quellet, M., Rodrigue, J., and DesGranges, J. L. (1997). Flow Cytometric Assay for In Vivo Genotoxic Effects of Pesticides in Green Frogs (*Rana clamitans*). *Aquat.Toxicol.* 38: 241-255.
Chem Codes: Chemical of Concern: ATZ,PRT Rejection Code: MIXTURE.
- Lu, Jianhang, Wu, Laosheng, Letey, John, and Farmer, Walter J (Anionic polyacrylamide effects on soil sorption

- and desorption of metolachlor, atrazine, 2,4-D, and picloram. *Journal Of Environmental Quality* 31: 1226-1233.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Luangthuvapranit, C. (2000). The Study of Diseases in Sand Goby (*Oxyeleotris marmoratus* Bleeker) and Some Herbicides Residues in Water and Fish Cultured in Cages in the Nan River, Changwat Nakhon Sawan. *Abst.of M.S.Thesis, 1985-1990, Notes Fac.Fish.Kasetsart Univ.* np.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT/EFFLUENT.
- Lucas, E. O. (1989). Siam Weed (*Chromolaena odorata*) and Crop Production in Nigeria. *Outlook Agric.* 18: 133-138.
Chem Codes: Chemical of Concern: MTL,ATZ,DU Rejection Code: REFS CHECKED/REVIEW.
- Luo, Chunhua, Liu, Mengqin, Mo, Yunchun, Qu, Jingnian, and Feng, Yonglan (2001). Thickness-shear mode acoustic sensor for atrazine using molecularly imprinted polymer as recognition element. *Analytica Chimica Acta* 428: 143-148.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Lyon, D. J., Miller, S. D., and Wicks, G. A. (1996). The Future of Herbicides in Weed Control Systems of the Great Plains. *J.Prod.Agric.* 9: 209-215.
Chem Codes: EcoReference No.: 70478
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Lytle, J. S. and Lytle, T. F. (2002). Uptake and Loss of Chlorpyrifos and Atrazine by *Juncus effusus* L. in a Mesocosm Study with a Mixture of Pesticides. *Environ.Toxicol.Chem.* 21: 1817-1825.
Chem Codes: Chemical of Concern: ATZ,CYP,MSMA,Hg Rejection Code: MIXTURE.
- Lytle, Julia S and Lytle, Thomas F (2002). Uptake and loss of chlorpyrifos and atrazine by *Juncus effusus* L. in a mesocosm study with a mixture of pesticides. *Environmental Toxicology And Chemistry / SETAC* 21: 1817-1825.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lyubenov, Y. (1974). Pollution of Waters and Water Basins by Herbicides Used in Bulgaria (Vuzmozhnosti za Zamursyavane na Vodite i na Vodnite Baseyni ot Nyakoi Izpolzvani u nas Kherbitsidi). *Rastit.Zasht.* 21(2):33-36(BUL) (1973) /*Pestic.Abstr.* 7 : 503-504 (ABS).
Chem Codes: EcoReference No.: 16065
 Chemical of Concern: TFN,24DXY,NP,SZ,ATZ,PMT,AMTR,LNR,FMU,PAQT,NP Rejection Code: NON-ENGLISH.
- Ma, Jianyi, Wang, Shufeng, Wang, Pinwei, Ma, Liangjin, Chen, Xiling, and Xu, Ruifu (Toxicity assessment of 40 herbicides to the green alga *Raphidocelis subcapitata*. *Ecotoxicology and Environmental Safety* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Ma, L. and Selim, H. M. (2005). Predicting pesticide transport in mulch-amended soils: A two-compartment model. *Soil Science Society of America Journal*, 69 (2) pp. 318-327, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Ma, Mei, Wang, Chunxia, and Wang, Zijian (2005). Assessing toxicities of hydrophobic organic pollutants in Huaihe River by using two types of sampling. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 40: 331-342.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Ma, Qingli, Wauchope, R Don, Ma, Liwang, Rojas, Kenneth W, Malone, Robert W, and Ahuja, Lajpat R (2004). Test of the Root Zone Water Quality Model (RZWQM) for predicting runoff of atrazine, alachlor and

- fenamiphos species from conventional-tillage corn mesoplots. *Pest Management Science* 60: 267-276.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Ma, Qingli, Wauchope, R Don, Rojas, Kenneth W, Ahuja, Lajpat R, Ma, Liwang, and Malone, Robert W (2004). The pesticide module of the Root Zone Water Quality Model (RZWQM): testing and sensitivity analysis of selected algorithms for pesticide fate and surface runoff. *Pest Management Science* 60: 240-252.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Macdonald, R. W. and Bowers, J. M. (1996). Contaminants in the Arctic Marine Environment: Priorities for Protection. *Ices J.Mar.Sci.* 53: 537-563.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/NO EFFECT/NO SPECIES/NO TOX DATA.
- Macyk, Wojciech, Burgeth, Gerald, and Kisch, Horst (2003). Photoelectrochemical properties of platinum(IV) chloride surface modified TiO₂. *Photochemical & Photobiological Sciences: Official Journal Of The European Photochemistry Association And The European Society For Photobiology* 2: 322-328.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Madhun, Y. A. and Freed, V. H. (1990). Impact of Pesticides on the Environment. In: Cheng, H.H.(Ed.), *Soil Science Society of America (SSSA), Book Ser.No.2, Chapter 12, Pesticides in the Soil Environment: Processes, Impacts and Modeling*, Madison, WI 429-466.
Chem Codes: EcoReference No.: 65126
 Chemical of Concern: SZ,ATZ,PCP,DLD Rejection Code: REFS CHECKED/REVIEW.
- Magee, P. S. (1991). Complex Factors in Hydrocarbon/Water, Soil/Water and Fish/Water Partitioning. In: J.L.M.Hermens and A.Opperhuizen (Eds.), *Proc.4th Int.Workshop, QSAR in Environ.Toxicol.- IV, Sept.16-20, 1990, Veldhoven, Netherlands, Elsevier Sci.Publ., Amsterdam* 155-178.
Chem Codes: EcoReference No.: 78702
 Chemical of Concern: ATZ Rejection Code: METHODS.
- Magnelli, L., Fibbi, G., Caldini, R., Pucci, M., and Del Rosso, M. (1989). Inhibition of Spontaneous Growth and Induced Differentiation of Murine Erythroleukaemia Cells by Paraquat and Atrazine. *Food Chem.Toxicol.* 27: 125-128.
Chem Codes: Chemical of Concern: PQT,ATZ Rejection Code: IN VITRO.
- Maier-Bode, H. (1972). Verhalten von Herbiziden in Wasser, Schlamm und Fischen nach Applikation in Fischteichen. *Schriftenreihe des Vereins* 37: 67-75 (GER).
Chem Codes: EcoReference No.: 79757
 Chemical of Concern: AMTR,SZ,ATZ Rejection Code: NON-ENGLISH.
- Majewska-Nowak, K., Kabsch-Korbutowicz, M., and Dodz, M. (2002). Effects of natural organic matter on atrazine rejection by pressure driven membrane processes. *Desalination* 145: 281-286.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Majewska-Nowak, Katarzyna, Kabsch-Korbutowicz, Malgorzata, Dodz, Monika, and Winnicki, Tomasz (2002). The influence of organic carbon concentration on atrazine removal by UF membranes. *Desalination* 147: 117-122.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Major, K. M. (2003). Effect of Herbicide Exposure on Growth and Photosynthetic Performance in Halotolerant Algae. *J.Phycol.* 39: 38-39(ABS.No.111).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Makodzeba, I. A. and Fisyunov, A. V. (1961). Simazin and Atrazine in Weed Control. *Kukuruza* 5: 52-54 (RUS).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SOURCE.

- Makodzeba, I. A., Fisyunov, A. V., and Matyukha, L. A. (1967). The Sensitivity of Corn, Sorghum, and Millet to Atrazine and Simazine. *Dok Vses Ak* 4: 12-16 (RUS).
Chem Codes: EcoReference No.: 30074
 Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Malanchuk, J. L. and Kollig, H. P. (1985). Effects of Atrazine on Aquatic Ecosystems: A Physical and Mathematical Modeling Assessment. In: T.P.Boyle (Ed.), *Validation and Predictability of Laboratory Methods for Assessing the Fate and Effects of Contaminants in Aquatic Ecosystems*, ASTM STP 865, Philadelphia, PA 212-224.
Chem Codes: EcoReference No.: 66231
 Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Malik, S. I., Terzoudi, G. I. *, and Pantelias, G. E. (2004). SCE analysis in G2 lymphocyte prematurely condensed chromosomes after exposure to atrazine: the non-dose-dependent increase in homologous recombinational events does not support its genotoxic mode of action. *Cytogenetic and Genome Research [Cytogenet. Genome Res.]*. Vol. 104, no. 1-4, pp. 315-319. 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Malone, R. W., Logsdon, S., Shipitalo, M. J., Weatherington-Rice, J., Ahuja, L., and Ma, L. (2003). Tillage effect on macroporosity and herbicide transport in percolate. *Geoderma* 116: 191-215.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Malone, R W, Shipitalo, M J, Wauchope, R D, and Sumner, H (Residual and contact herbicide transport through field lysimeters via preferential flow. *Journal Of Environmental Quality* 33: 2141-2148.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Malone, Robert W, Weatherington-Rice, Julie, Shipitalo, Martin J, Fausey, Norman, Ma, Liwang, Ahuja, Lajpat R, Wauchope, R Don, and Ma, Qingli (2004). Herbicide leaching as affected by macropore flow and within-storm rainfall intensity variation: a RZWQM simulation. *Pest Management Science* 60: 277-285.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Maltais, B., Doyon, D., Dore, P., and Godin, C. (1983). Action of Atrazine on Crabgrass and Foxtails (Action de l'atrazine sur les Digitaires et les Setaires). *Phytoprotection* 64: 23-26.
Chem Codes: EcoReference No.: 25298
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Maly, J., Di Meo, C., De Francesco, M., Masci, A., Masojidek, J., Sugiura, M., Volpe, A., and Pilloton, R. (2004). Reversible immobilization of engineered molecules by Ni-NTA chelators. *Bioelectrochemistry* 63: 271-275.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Mann, J. D., Jordan, L. S., and Day, B. E. (1965). A Survey of Herbicides for Their Effect upon Protein Synthesis. *Plant Physiol.* 40: 840-843.
Chem Codes: Chemical of Concern: EDT,24DXY,ATZ,DBN,TFN,PYZ,PCP Rejection Code: IN VITRO/SURVEY.
- Mao, Meng and Ren, Li (Simulating nonequilibrium transport of atrazine through saturated soil. *Ground Water* 42: 500-508.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Maqbool, Uzma, Anwar-ul-Haq, Qureshi, M Jamil, Iqbal, M Zafar, Hock, B, and Kramer, K (2002). Development of ELISA technique for the analysis of atrazine residues in water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 307-322.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.

- Marcacci, S., Raveton, M., Ravanel, P., and Schwitzgue(acute)bel, J. P. (2005). The possible role of hydroxylation in the detoxification of atrazine in mature vetiver (*Chrysopogon zizanioides* Nash) grown in hydroponics. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 60 (5-6) pp. 427-434, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Mark, U. and Solbe, J. (1998). Analysis of the ECETOC Aquatic Toxicity (EAT) Database V - The Relevance of *Daphnia magna* as a Representative Test Species. *Chemosphere* 36: 155-166.
Chem Codes: EcoReference No.: 69619
Chemical of Concern: ATZ,Cd,24DC,HCCH Rejection Code: REVIEW.
- Marroig, Gabriel and Cheverud, James M (2004). Cranial evolution in sakis (*Pithecia*, *Platyrrhini*) I: interspecific differentiation and allometric patterns. *American Journal Of Physical Anthropology* 125: 266-278.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Martin-Gullon, I. and Font, R. (2001). Dynamic pesticide removal with activated carbon fibers. *Water Research* 35: 516-520.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Martin-Laurent, Fabrice, Cornet, Laurent, Ranjard, Lionel, Lopez-Gutierrez, Juan-Carlos, Philippot, Laurent, Schwartz, Christophe, Chaussod, Remi, Catroux, Gerard, and Soulas, Guy (2004). Estimation of atrazine-degrading genetic potential and activity in three French agricultural soils. *FEMS Microbiology Ecology* 48: 425-435.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Martin-Laurent, Fabrice, Piutti, Severine, Hallet, Stephanie, Wagschal, Isabelle, Philippot, Laurent, Catroux, Gerard, and Soulas, Guy (2003). Monitoring of atrazine treatment on soil bacterial, fungal and atrazine-degrading communities by quantitative competitive PCR. *Pest Management Science* 59: 259-268.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Martin-Neto, L, Traghetta, D G, Vaz, C M, Crestana, S, and Sposito, G (On the interaction mechanisms of atrazine and hydroxyatrazine with humic substances. *Journal Of Environmental Quality* 30: 520-525.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Martinez, B, Tomkins, J, Wackett, L P, Wing, R, and Sadowsky, M J (2001). Complete nucleotide sequence and organization of the atrazine catabolic plasmid pADP-1 from *Pseudomonas* sp. strain ADP. *Journal Of Bacteriology* 183: 5684-5697.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Mashtakov, S. M. and Prokhorchik, R. A. (1962). A Study of Triazine Derivatives as Plant Growth Regulators. I. The Effect of Simazine and Atrazine on the Growth of Crop Plants. *Fiziol.Biokhim.Rast.Akad.Nauk Beloru* 15-20.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Mashtakov, V. M. and Prokhorchik, R. A. (1962). A Study of Triazine Derivatives as Plant Growth Regulators. II. The Effect of Simazine and Atrazine on the Chlorophyll Content of the Leaves of Crop Plants. *D A N Bssr* 6: 517-520 (RUS).
Chem Codes: EcoReference No.: 27153
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Mata-Sandoval, J C, Karns, J, and Torrents, A (2001). Influence of rhamnolipids and triton X-100 on the biodegradation of three pesticides in aqueous phase and soil slurries. *Journal Of Agricultural And Food Chemistry* 49: 3296-3303.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Mata-Sandoval, Juan C, Karns, Jeffrey, and Torrents, Alba (2002). Influence of rhamnolipids and triton X-100 on

- the desorption of pesticides from soils. *Environmental Science & Technology* 36: 4669-4675.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Mazanti, L, Rice, C, Bialek, K, Sparling, D, Stevenson, C, Johnson, W E, Kangas, P, and Rheinstein, J (2003). Aqueous-phase disappearance of atrazine, metolachlor, and chlorpyrifos in laboratory aquaria and outdoor macrocosms. *Archives Of Environmental Contamination And Toxicology* 44: 67-76.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Mazellier, Patrick and Leverd, Julie (2003). Transformation of 4-tert-octylphenol by UV irradiation and by an H2O2/UV process in aqueous solution. *Photochemical & Photobiological Sciences: Official Journal Of The European Photochemistry Association And The European Society For Photobiology* 2: 946-953.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Mbuya, O S, Nkedi-Kizza, P, and Boote, K J (Fate of atrazine in sandy soil cropped with sorghum. *Journal Of Environmental Quality* 30: 71-77.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- McConnell, Laura L, Harman-Fetcho, Jennifer A, and Hagy, James D 3rd (Measured concentrations of herbicides and model predictions of atrazine fate in the Patuxent River estuary. *Journal Of Environmental Quality* 33: 594-604.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- McFarlane, C. and Wickliff, C. (1985). Excised Barley Root Uptake of Several 14C Labeled Organic Compounds. *Environ.Monit.Assess.* 5: 385-391.
Chem Codes : Chemical of Concern: SZ,ATZ,PK,NBZ Rejection Code: IN VITRO.
- McGowin, Audrey E., Adom, Kafui K., and Obubuafo, Anne K. (2001). Screening of compost for PAHs and pesticides using static subcritical water extraction. *Chemosphere* 45: 857-864.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- McMahon, Kathryn, Bengtson Nash, Susan, Eaglesham, Geoff, Muller, Jochen F, Duke, Norman C, and Winderlich, Steve (2005). Herbicide contamination and the potential impact to seagrass meadows in Hervey Bay, Queensland, Australia. *Marine Pollution Bulletin* 51: 325-334.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- McMartin, Dena W, Headley, John V, Wood, Beverley P, and Gillies, Jon A (2003). Photolysis of atrazine and ametryne herbicides in Barbados sugar cane plantation soils and water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 38: 293-303.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- McMullin, T. S., Brzezicki, J. M., Cranmer, B. K., Tessari, J. D., and Andersen, M. E. (2003). Pharmacokinetic modeling of disposition and time-course studies with [super(14)C]atrazine. *Journal of Toxicology and Environmental Health, Part A: Current Issues [J. Toxicol. Environ. Health, A: Curr. Iss.]. Vol. 66, no. 10, pp. 941-964. 23 May 2003.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- McMullin, Tami S, Brzezicki, Jill M, Cranmer, Brian K, Tessari, John D, and Andersen, Melvin E (2003). Pharmacokinetic modeling of disposition and time-course studies with [14C]atrazine. *Journal Of Toxicology And Environmental Health. Part A* 66: 941-964.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Meakins, N. C., Bubb, J. M., and Lester, J. N. (1995). The Mobility, Partitioning and Degradation of Atrazine and Simazine in the Salt Marsh Environment. *Mar.Pollut.Bull.* 30: 812-819.
Chem Codes: Chemical of Concern: ATZ,SZ Rejection Code: FATE.

- Mecozzi, Roberta, Di Palma, Luca, and Merli, Carlo (Experimental in situ chemical peroxidation of atrazine in contaminated soil. *Chemosphere* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Mehmannavaz, R, Prasher, S O, Markarian, N, and Ahmad, D (2001). Biofiltration of residual fertilizer nitrate and atrazine by *Rhizobium meliloti* in saturated and unsaturated sterile soil columns. *Environmental Science & Technology* 35: 1610-1615.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Melo, L. F. C., Collins, C. H., and Jardim ICSF (2005). High-performance liquid chromatographic determination of pesticides in tomatoes using laboratory-made NH₂ and C₁₈ solid-phase extraction materials. *Journal of Chromatography A*, 1073 (1-2) pp. 75-81, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Mercurio, S. D. (1998). Estimated Ecological Effects of Atrazine Use on Surface Waters. *ACS Symposium Series* 683 322-335.
Chem Codes: EcoReference No.: 70646
Chemical of Concern: ATZ Rejection Code: REFS CHECKED/REVIEW.
- Mersie, W., McNamee, C., Seybold, C. A., and Tierney, D. P. (2000). Diffusion and Degradation of Atrazine in a Water/Sediment System. *Environ.Toxicol.Chem.* 19 : 2008-2014.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Mersie, W., Seybold, C. A., McNamme, C., and Huang, J. (1999). Effectiveness of Switchgrass Filter Strips in Removing Dissolved Atrazine and Metolachlor from Runoff. *J.Environ.Qual.* 28: 816-821.
Chem Codes: EcoReference No.: 52182
Chemical of Concern: ATZ, MTL Rejection Code: MIXTURE.
- Meyer, M T, Thurman, E M, and Goolsby, D A (Differentiating nonpoint sources of deisopropylatrazine in surface water using discrimination diagrams. *Journal Of Environmental Quality* 30: 1836-1843.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Miao, Zewei, Vicari, Alberto, Capri, Ettore, Ventura, Francesca, Padovani, Laura, and Trevisan, Marco (Modeling the effects of tillage management practices on herbicide runoff in northern Italy. *Journal Of Environmental Quality* 33: 1720-1732.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Michaelis, W. and Bauch, J. (1994). Luftverunreinigungen Und Waldschaeden Am Standort 'postturm', Forstamt Farchau/Ratzeburg. (Air Pollution And Forest Damages At The 'postturm' Forest District Farchau/Ratzeburg). *Gov.Rep.Announce.Index, Issue* 22.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Mickelson, S. K., Boyd, P., Baker, J. L., and Ahmed, S. I. (2001). Tillage and herbicide incorporation effects on residue cover, runoff, erosion, and herbicide loss. *Soil and Tillage Research* 60: 55-66.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Milkowska, A. and Gorzelak, A. (1966). The Effect of Atrazine and Simazine Treatment on the Soil Microflora for Control of Weeds in Forest Nurseries(Wplyw Atrazinu i Simazinuna na Mikroflora Gleby przy Zwalczeniu Chwastow w Szkdkach Lesnych). *Sylvan* 110: 13-22 (POL) (ENG ABS).
Chem Codes: EcoReference No.: 59568
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Miller, D. E. and Aarstad, J. S. (1990). Preplant Tillage Effects on Irrigated Corn Grown on a Sandy Soil. *J.Prod.Agric.* 3: 606-609.
Chem Codes: Chemical of Concern: ATZ,ALC Rejection Code: MIXTURE.

- Milligan, A. S., Daly, A., Parry, M. A. J., Lazzeri, P. A., and Jepson, I. (2001). The expression of a maize glutathione S-transferase gene in transgenic wheat confers herbicide tolerance, both in planta and in vitro. *Molecular Breeding*, 7 (4) pp. 301-315, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Mills, L. J., Gutjahr-Gobell, R. E., Borsay Horowitz, D., and Zaroogian, G. E. (2003). Effects of Atrazine on Reproductive Success in the Marine Fish, Cunner (*Tautoglabrus adspersus*). *Toxicologist* 72: 192 (ABS No.933).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Mills, S., Tworkoski, T. J., Coffman, C. B., and Leather, G. R. (1997). Effect of Conservation Tillage on Weed Seed and Weed Density. *Indian J.Agric.Res.* 31: 93-100.
Chem Codes: EcoReference No.: 73525
Chemical of Concern: MTL,ATZ,PQT Rejection Code: MIXTURE.
- Minotti, P. L., Hughes, B. J., Sweet, R. D., and Warholic, D. T. (1980). Sweet Corn and Weed Response to Differently Timed Post Emergence Applications of Atrazine, 2,4-D, Dicamba, and Metachlor. *Veg.Crops Dep., Cornell Univ., Ithaca, NY*.
Chem Codes: Chemical of Concern: ATZ,DMB,24DXY Rejection Code: NO SOURCE.
- Mirgain, I., Green, G. A., and Monteil, H. (1993). Degradation of Atrazine in Laboratory Microcosms: Isolation and Identification of the Biodegrading Bacteria. *Environ.Toxicol.Chem.* 12: 1627-1634.
Chem Codes: EcoReference No.: 66439
Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Misra, L. P., Sharma, D. P., and Duria, H. S. (1978). Effect of Herbicides on the Chlorophyll Content of Isolated Leaves of *Oxalis Latifolia*. *Curr Sci* 47: 433-434.
Chem Codes: Chemical of Concern: 24DXY,ATZ,ACR
- Mitchell, C., Brodie, J., and White, I (2005). Sediments, nutrients and pesticide residues in event flow conditions in streams of the Mackay Whitsunday Region, Australia. *Marine Pollution Bulletin* 51: 23-36.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Modic, W., Ferrell, J., Wood, C., Laskey, J., Cooper, R., and Laws, S. (2004). Atrazine Alters Steroidogenesis In Male Wistar Rats. *Toxicologist* 78: 117(ABS.No.568).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Mohammed, K. B. and Ma, T. H. (1998). Tradescantia Micronucleus and Stamen Hair Mutation Assays on Genotoxicity of the Gaseous and Liquid Forms of Pesticides. *In: 29th Annu.Meet.of the Environ.Mutagen.Soc., Mar.21-26, 1998, Anaheim, CA, Environ.Mol.Mutagen.* 31: 38 (ABS No.P47).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: ABSTRACT.
- Mohler, C. L. (1991). Effects of Tillage and Mulch on Weed Biomass and Sweet Corn Yield. *Weed Technol.* 5: 545-552.
Chem Codes: EcoReference No.: 74037
Chemical of Concern: MTL,GYP,ATZ Rejection Code: MIXTURE.
- Moon, H. J., Han, S. Y., Davis, C. C., and Fenton, S. E. (2002). Nonylphenol and Atrazine Induce Inverse Effects on Mammary Gland Development in Female Rats Exposed In Utero. *Toxicologist* 66: 373 (ABS No.1827).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Moore, M. T., Bennett, E. R., Cooper, C. M., Smith, Jr. S., Shields, Jr. F. D., Milam, C. D., and Farris, J. L. (2001). Transport and fate of atrazine and lambda-cyhalothrin in an agricultural drainage ditch in the Mississippi Delta, USA. *Agriculture, Ecosystems & Environment* 87: 309-314.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Moore, M. T., Bennett, E. R., Cooper, C. M., Smith, S. Jr., Shields, F. D. Jr., Milam, C. D., and Farris, J. L. (2001). Transport and Fate of Atrazine and lambda-Cyhalothrin in an Agricultural Drainage Ditch in the Mississippi Delta, USA. *Agric.Ecosyst.Environ.* 87: 309-314.
Chem Codes: User 1 Abbreviation: (ScienceDirect 1995-Present)
 Chemical of Concern: CYH,ATZ Rejection Code: FATE/MIXTURE.
- Mordaunt, Catriona J., Gevaio, Bondi, Jones, Kevin C., and Semple, Kirk T. (2005). Formation of non-extractable pesticide residues: observations on compound differences, measurement and regulatory issues. *Environmental Pollution* 133: 25-34.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Moreland, D. E. (1999). Biochemical Mechanisms of Action of Herbicides and the Impact of Biotechnology on the Development of Herbicides. *J.Pestic.Sci.* 24: 299-307.
Chem Codes: EcoReference No.: 70107
 Chemical of Concern: SZ,HCCH,ATZ,PL,DDT,PCP,CBL,24DXY,SXD,IZP,DMB Rejection Code: REFS CHECKED/REVIEW.
- Moreland, D. E. (1967). Mechanisms of Action of Herbicides. *Ann.Rev.Plant Physiol.* 18: 365-386.
Chem Codes: EcoReference No.: 25522
 Chemical of Concern: ATZ,EDT,SZ,PCP Rejection Code: REFS CHECKED/REVIEW.
- Moreland, D. E. (1993). Research on Biochemistry of Herbicides: An Historical Overview. *Z.Natforsch.Sect.C Biosci.* 48: 121-131 .
Chem Codes: EcoReference No.: 70196
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Morgun, V. V., Logvinenko, V. F., Merezhinskii, Y. G., Lapina, T. V., and Grigorenko, N. V. (1982). Cytogenetic and Genetic Activity of the Herbicides, Atrazine, Simazine, Prometrin and Linuron. *Tsitol.Genet.* 16: 38-41 (RUS) (ENG ABS).
Chem Codes: EcoReference No.: 25608
 Chemical of Concern: SZ,ATZ,LNR Rejection Code: NON-ENGLISH.
- Moxley, J. (1989). Survey of Pesticide Use in Ontario, 1988. *Economics Information Rep.No.89-08, Ontario Ministry of Agriculture and Food, Toronto, Canada.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Mu(dieresis)ller, K., Trollove, M., James, T. K., and Rahman, A. (2004). Herbicide loss in runoff: Effects of herbicide properties, slope, and rainfall intensity. *Australian Journal of Soil Research*, 42 (1) pp. 17-27, 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Muir, Derek C G, Teixeira, Camilla, and Wania, Frank (2004). Empirical and modeling evidence of regional atmospheric transport of current-use pesticides. *Environmental Toxicology And Chemistry / SETAC* 23: 2421-2432.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Mulbry, Walter W, Zhu, Hong, Nour, Sarah M, and Topp, Edward (2002). The triazine hydrolase gene trzN from *Nocardioides* sp. strain C190: cloning and construction of gene-specific primers. *FEMS Microbiology Letters* 206: 75-79.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Mulder, T. A. and Doll, J. D. (1993). Integrating Reduced Herbicide Use with Mechanical Weeding in Corn (Zea mays). *Weed Technol.* 7: 382-389.
Chem Codes : EcoReference No.: 74033
 Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.

- Muller, G. (1972). Changes in the Beetle Fauna of the Upper Surface of the Soil of Cultivated Fields After Application of Herbicides (Coleoptera) (Die Veränderungen der Koleopterenfauna der Bodenoberfläche von Kulturfeldern nach Herbizideinsatz (Col.)). *Folia Entomol.Hung.* 25: 297-305 (HUN).
Chem Codes: EcoReference No.: 72195
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Muller, J P and Jekel, M (2001). Comparison of advanced oxidation processes in flow-through pilot plants (part I). *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 303-309.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Muller, Karin, Smith, Roger E, James, Trevor K, Holland, Patrick T, and Rahman, Anis (2004). Prediction of field atrazine persistence in an allophanic soil with Opus2. *Pest Management Science* 60: 447-458.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Muller, Karin, Smith, Roger E, James, Trevor K, Holland, Patrick T, and Rahman, Anis (2003). Spatial variability of atrazine dissipation in an allophanic soil. *Pest Management Science* 59: 893-903.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Munier-Lamy, C, Feuvrier, M P, and Chone, T (Degradation of 14C-atrazine bound residues in brown soil and rendzina fractions. *Journal Of Environmental Quality* 31: 241-247.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Munn, M. D. and Gilliom, R. J. (2001). Pesticide Toxicity Index for Freshwater Aquatic Organisms. *Water-Resour.Investig.Rep.No.01-4077, U.S.Geol.Surv., Sacramento, CA* 1-55.
Chem Codes: Chemical of Concern:
 MCPB,CBL,CPY,DZ,MLN,ACR,ATZ,BFL,BTY,CZE,LNR,MTL,MBZ,PDM,PRO,SZ,TET,TFN
Rejection Code: REFS CHECKED/REVIEW.
- Mutavdzicacute, , Dragana, Horvat, Alka J M, Babicacute, , Sandra, and Kastelan-Macan, Marija (2005). SPE--microwave-assisted extraction coupled system for the extraction of pesticides from water samples. *J Sep Sci* 28: 1485-1492.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Nakamura, Chikashi, Hasegawa, Miki, Nakamura, Noriyuki, and Miyake, Jun (2003). Rapid and specific detection of herbicides using a self-assembled photosynthetic reaction center from purple bacterium on an SPR chip. *Biosensors & Bioelectronics* 18: 599-603.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Narayanan, K. S. and Chaudhuri, R. K. (1992). Emulsifiable Concentrate Formulations for Multiple Active Ingredients Using N-Alkylpyrrolidones. *In: L.E.Bode and D.G.Chasin (Eds.), Pesticide Formulations and Application Systems, ASTM STP 1112, Philadelphia, PA* 11: 73-96.
Chem Codes: Chemical of Concern: MTL,ATZ,CBL,DU,MTL,PDM,TDZ Rejection Code: NO SPECIES/NO TOX DATA.
- Narotsky, M. G., Best, D. S., Bielmeier, S. R., and Cooper, R. L. (2003). Dose Additivity of Atrazine and Bromodichloromethane in Causing Pregnancy Loss in F344 Rats. *Toxicologist* 72: 77 (ABS No.371).
Chem Codes: EcoReference No.: 81723
 Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Narotsky, M. G., Best, D. S., Bielmeier, S. R., Spangler, S. A., and Cooper, R. L. (2002). Pregnancy Loss and Delayed Parturition Caused by Atrazine and Its Metabolites in F344 Rats. *Biol.Reprod.* 66: 215-216.
Chem Codes: Chemical of Concern: DEATZ,DIATZ,DCT,ATZ Rejection Code: ABSTRACT.
- Navarro, Simon, Vela, Nuria, Gimenez, M Jose, and Navarro, Gines (2004). Persistence of four s-triazine

- herbicides in river, sea and groundwater samples exposed to sunlight and darkness under laboratory conditions. *The Science Of The Total Environment* 329: 87-97.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Navarro, Simon, Vela, Nuria, Jose Gimenez, M, and Navarro, Gines (2004). Effect of temperature on the disappearance of four triazine herbicides in environmental waters. *Chemosphere* 57: 51-59.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Nazefi, T. A. (1971). Morphological Changes in White Rats During Prolonged Action of Atrazine. *Zdravookhr.Turkm.* 15: 4-12 (RUS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH/NOT PURSUING.
- Nedyalkov, N. and Stojnova, E. (1978). Effect of Atrazine on Water Content and State, Plastid Pigment Quantity Transpiration and Phytosynthetic Rate of Maize Leaves Depending on Soil Moisture. *Fiziol.Rast.(Sofia)* 4: 43-51 (BUL).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Nelieu, Sylvie, Perreau, Francois, Guichon, Roselyne, Seguin, Florence, Bry, Christian, and Einhorn, Jacques (2005). Monitoring and effects of nicosulfuron in aquatic mesocosms: development of a simple analytical procedure and evidence for low toxicity to phytoplankton communities. *Analytical And Bioanalytical Chemistry* 382: 108-114.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Nemeth-Konda, L., Fuleky, Gy., Morovjan, Gy., and Csokan, P. (2002). Sorption behaviour of acetochlor, atrazine, carbendazim, diazinon, imidacloprid and isoproturon on Hungarian agricultural soil. *Chemosphere* 48: 545-552.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Neuhold, J. M. (1987). The Relationship of Life History Attributes to Toxicant Tolerance in Fishes. *Environ.Toxicol.Chem.* 6: 709-716.
Chem Codes: EcoReference No.: 68899
 Chemical of Concern:
 BNZ,CBL,Se,DDT,AND,NH,ATZ,CHD,Cu,DLD,ES,EN,HPT,HCCH,PRN,PCP,TXP,Zn Rejection Code: REFS CHECKED/REVIEW.
- Neumann, Grit, Teras, Riho, Monson, Liis, Kivisaar, Maia, Schauer, Frieder, and Heipieper, Hermann J (2004). Simultaneous degradation of atrazine and phenol by *Pseudomonas* sp. strain ADP: effects of toxicity and adaptation. *Applied And Environmental Microbiology* 70: 1907-1912.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Neurath, Susan K., Sadeghi, Ali M., Shirmohammadi, Adel, Isensee, Allan R., and Torrents, Alba (2004). Atrazine distribution measured in soil and leachate following infiltration conditions. *Chemosphere* 54: 489-496.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Nevell, T. G. and Williams, G. D. (1988). Release of Phenylurea and Triazine Herbicides from Elastomer Formulations into Water . *Int.Biodeterior.* 24: 255-263.
Chem Codes: Chemical of Concern: SZ,ATZ,TBT Rejection Code: NO CONC.
- Newby, L. C., Kahrs, R. A., Adams, K., and Szolics, M. (1978). Atrazine Residues in the Chesapeake Bay. *Proc.Northeast.Weed Sci.Soc.* 32: 339 (ABS).
Chem Codes: EcoReference No.: 66091
 Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Nezel, K., Vogt, H., and Matthes, S. (1980). Der Einfluss von Methylquecksilberchlorid-Zusätzen zum Broiler und Legehennenfutter auf die Leistungen der Tiere und auf Rückstandsgehalte in den Geweben und den Eiern.

- Arch.Geflugelk.* 44: 266-271 (GER).
Chem Codes: EcoReference No.: 38126
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Nietschke, B. S. and Medd, R. W. (1996). Chemical Weed Management of Wild Oats. *Plant Prot.Q.* 11: 190-192.
Chem Codes: EcoReference No.: 70840
 Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Nishimura, K, Yamamoto, M, Nakagomi, T, Takiguchi, Y, Naganuma, T, and Uzuka, Y (2002). Biodegradation of triazine herbicides on polyvinylalcohol gel plates by the soil yeast *Lipomyces starkeyi*. *Applied Microbiology And Biotechnology* 58: 848-852.
Chem Codes: Chemical of Concern: ATZ Rejection Code: YEAST.
- Norris, L. A., Lorz, H. W., and Gregory, S. V. (1991). Forest Chemicals. In: W.R.Meehan (Ed.), *Am.Fish.Soc.Spec.Publ.No.19, Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats, Chapter 7, Am.Fish.Soc., Bethesda, MD* 207-296.
Chem Codes: EcoReference No.: 77470
 Chemical of Concern:
 DMB,AMTL,ATZ,AZ,CBL,CBF,DDT,DMB,GYP,HCCH,HXZ,MLN,MXC,PCZ,SZ,TXP,24DXY
Rejection Code: REVIEW.
- Novak, J. M. (1999). Soil Factors Influencing Atrazine Sorption: Implications on Fate. *Environ.Toxicol.Chem.* 18: 1663-1667.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE/NO SPECIES.
- Novak, S M, Portal, J M, and Schiavon, M (2001). Influence of soil aggregate size on atrazine and trifluralin leaching. *Bulletin Of Environmental Contamination And Toxicology* 66: 514-521.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- O'Sullivan, J. and Bouw, W. J. (1993). Reduced Rates of Postemergence Herbicides for Weed Control in Sweet Corn (*Zea mays*). *Weed Technol.* 7: 995-1000.
Chem Codes: EcoReference No.: 74032
 Chemical of Concern: MTL,CZE,RIM,ATZ,NSF Rejection Code: MIXTURE.
- Oelschlaeger, P, Lange, S, Schmitt, J, Siemann, M, Reuss, M, and Schmid, R D (2003). Identification of factors impeding the production of a single-chain antibody fragment in *Escherichia coli* by comparing in vivo and in vitro expression. *Applied Microbiology And Biotechnology* 61: 123-132.
Chem Codes : Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Oettmeier, W, Masson, K, and Hecht, H (2001). Heterocyclic ortho-quinones, a novel type of Photosystem II inhibitors. *Biochimica Et Biophysica Acta* 1504: 346-351.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Oh Seung Min, Shim Sang Hee, and Chung, K. y. u. Hyuck (2003). Antiestrogenic Action of Atrazine and its Major Metabolites in Vitro. *Journal of Health Science [J. Health Sci.]. Vol. 49, no. 1, pp. 65-71. 2003.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Ohki, S, Takahashi, H, Kuboyama, N, Koizumi, K, Kohno, H, van Rensen, J J, Wakabayashi, K, and Boger, P (Photosynthetic electron transport inhibition by pyrimidines and pyridines substituted with benzylamino, methyl and trifluoromethyl groups. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 56: 203-210.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Okano, Ruiko, Ohki, Aiko, Ohki, Shinpei, Kohno, Hitoshi, van Rensen, Jack J S, Boger, Peter, and Wakabayashi, Ko (Photosynthetic electron transport inhibition by 2-substituted 4-alkyl-6-benzylamino-1,3,5-triazines

- with thylakoids from wild-type and atrazine-resistant *Chenopodium album*. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 57: 1009-1015.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Oliva, Josep M, Azenha, M Emilia D G, Burrows, Hugh D, Coimbra, Rita, Seixas de Melo, J Serxio, Moises Canle, L, Fernandez, M Isabel, Santaballa, J Arturo, and Serrano-Andres, Luis (2005). On the low-lying excited states of sym-triazine-based herbicides. *Chemphyschem: a European Journal Of Chemical Physics And Physical Chemistry* 6: 306-314.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Oliveira-Brett, Ana Maria and da Silva, Luis Antonio (2002). A DNA-electrochemical biosensor for screening environmental damage caused by s-triazine derivatives. *Analytical And Bioanalytical Chemistry* 373: 717-723.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Olsson, L. C., Veit, M., and Bornman, J. F. (1999). Epidermal Transmittance and Phenolic Composition in Leaves of Atrazine-Tolerant and Atrazine-Sensitive Cultivars of *Brassica napus* Grown Under Enhanced UV-B Radiation. *Physiol.Plant.* 107: 259-266.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Orlando, E. F. and Guillette, L. J. Jr. (2001). Developmental and Reproductive Abnormalities Associated with Endocrine Disruptors in Wildlife. In: M.Metzler (Ed.), *Endocrine Disruptors.Part II, Chapter 9, Springer-Verlag, Berlin 3*, Pt.M: 249-270.
Chem Codes: EcoReference No.: 68416
 Chemical of Concern: TBT,PCB,Cd,DDT,ATZ,CHD Rejection Code: REVIEW.
- Ostrofsky, Ellen B., Robinson, Jayne B., Traina, Samuel J., and Tuovinen, Olli H. (2002). Analysis of atrazine-degrading microbial communities in soils using most-probable-number enumeration, DNA hybridization, and inhibitors. *Soil Biology and Biochemistry* 34: 1449-1459.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Ostrofsky, Ellen B., Robinson, Jayne B., Traina, Samuel J., and Tuovinen, Olli H. (2001). Effect of cyanuric acid amendment on atrazine mineralization in surface soils and detection of the s-triazine ring-cleavage gene *trzD*. *Soil Biology and Biochemistry* 33: 1539-1545.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Oyama, M, Ikeda, T, Lim, T, Ikebukuro, K, Masuda, Y, and Karube, I (2000-2001). Detection of toxic chemicals with high sensitivity by measuring the quantity of induced P450 mRNAs based on surface plasmon resonance. *Biotechnology And Bioengineering* 71: 217-222.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Panasyuk-Delaney, Tanya, Mirsky, Vladimir M., Ulbricht, Mathias, and Wolfbeis, Otto S. (2001). Impedometric herbicide chemosensors based on molecularly imprinted polymers. *Analytica Chimica Acta* 435: 157-162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Pang, L and Close, M E (2001). A field tracer study of attenuation of atrazine, hexazinone and procymidone in a pumice sand aquifer. *Pest Management Science* 57: 1142-1150.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Pang, Liping, Close, Murray, and Flintoft, Mark (2005). Degradation and sorption of atrazine, hexazinone and procymidone in coastal sand aquifer media. *Pest Management Science* 61: 133-143.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Pang, Liping, Goltz, Mark, and Close, Murray (2003). Application of the method of temporal moments to interpret solute transport with sorption and degradation. *Journal Of Contaminant Hydrology* 60: 123-134 .

- Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Panno, S. V. and Kelly, W. R. (2004). Nitrate and herbicide loading in two groundwater basins of Illinois' sinkhole plain. *Journal of Hydrology* 290: 229-242.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Papadopoulou-Mourkidou, E., Karpouzas, D. G., Patsias, J., Kotopoulou, A., Milothridou, A., Kintzikoglou, K., and Vlachou, P. (2004). The potential of pesticides to contaminate the groundwater resources of the Axios river basin in Macedonia, Northern Greece. Part I. Monitoring study in the north part of the basin. *Science of The Total Environment* 321: 127-146.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Papadopoulou-Mourkidou, E., Karpouzas, D. G., Patsias, J., Kotopoulou, A., Milothridou, A., Kintzikoglou, K., and Vlachou, P. (2004). The potential of pesticides to contaminate the groundwater resources of the Axios river basin. Part II. Monitoring study in the south part of the basin. *Science of The Total Environment* 321: 147-164.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Papaefthimiou, Chrisovalantis, Zafeiridou, Georgia, Topoglidi, Aglaia, Chaleplis, George, Zografou, Stella, and Theophilidis, George (2003). Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 135: 315-330.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Paraiba, Lourival Costa and Spadotto, Claudio Aparecido (2002). Soil temperature effect in calculating attenuation and retardation factors. *Chemosphere* 48: 905-912.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Paraschiv, Vasile, Crego-Calama, Mercedes, Ishi-i, Tsutomu, Padberg, Clemens J, Timmerman, Peter, and Reinhoudt, David N (2002). Molecular "chaperones" guide the spontaneous formation of a 15-component hydrogen-bonded assembly. *Journal Of The American Chemical Society* 124: 7638-7639.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Park, Jeong-Hun, Feng, Yucheng, Cho, Sung Yong, Voice, Thomas C, and Boyd, Stephen A (2004). Sorbed atrazine shifts into non-desorbable sites of soil organic matter during aging. *Water Research* 38: 3881-3892.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Park, Jeong-Hun, Feng, Yucheng, Ji, Pingsheng, Voice, Thomas C, and Boyd, Stephen A (2003). Assessment of bioavailability of soil-sorbed atrazine. *Applied And Environmental Microbiology* 69: 3288-3298.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Pascu, M. L., Moise, N., and Staicu, A. (2001). Tunable dye laser applications in environment pollution monitoring. *Journal of Molecular Structure* 598: 57-64.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Patterson, B M, Franzmann, P D, Davis, G B, Elbers, J, and Zappia, L R (2002). Using polymer mats to biodegrade atrazine in groundwater: laboratory column experiments. *Journal Of Contaminant Hydrology* 54: 195-213.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Peck, Aaron M and Hornbuckle, Keri C (2005). Gas-phase concentrations of current-use pesticides in Iowa. *Environmental Science & Technology* 39: 2952-2959.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Pederson, B M, Thibodeaux, L J, Valsaraj, K T, and Reible, D D (2001). Testing a multimedia compartmental

- model with monitoring data. *Environmental Toxicology And Chemistry / SETAC* 20: 2114-2121.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Pedireddi, V. R. and Belhekar, Deepali (2002). Investigation of some layered structures of cyanuric acid. *Tetrahedron* 58: 2937-2941.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Pekeno, P. K. and Artyushin, A. M. (1961). The Effects of Simazin and Atrazin on Plantings of Corn in the Sandy Loam Soils of the Gomel'Oblast. *Dokl.Akad.Nauk.B SSR* 5: 147-153.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SOURCE.
- Penner, D. (1994). Herbicide Action and Metabolism. In: A.J.Turgeon (Ed.), *Turf Weeds and Their Control, Chapter 3, Am.Soc.of Agron.Inc., Crop Sci.Soc.of Am.Inc., Madison, WI* 37-70.
Chem Codes: EcoReference No.: 72234
 Chemical of Concern: ATZ,BT,BMN,DU,EDT,GYP,MBZ,OYZ,PDM,SZ,TPR,24DXY,DMM Rejection Code: REVIEW.
- Pennington, P. L., Daugomah, J. W., Colbert, A. C., Fulton, M. H., Key, P. B., Thompson, B. C., Strozier, E. D., and Scott, G. I. (2001). Analysis of pesticide runoff from Mid-Texas estuaries and risk assessment implications for marine phytoplankton. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. Environ. Sci. Health, Pt. B: Pestic., Food Contam., Agric. Wastes]*. Vol. B36, no. 1, pp. 1-14. 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Pennington, P. L., Daugomah, J. W., Colbert, A. C., Fulton, M. H., Key, P. B., Thompson, B. C., Strozier, E. D., and Scott, G. I. (2001). Analysis of Pesticide Runoff from Mid-texas Estuaries and Risk Assessment Implications for Marine Phytoplankton. *J.Environ.Sci.Health Part B* 36: 1-14.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REFS CHECKED/REVIEW/SURVEY.
- Periera, W. E. and Hostetler, F. D. (1993). Nonpoint Source Contamination of the Mississippi River and the Tributaries by Herbicides. *Environ.Sci.Technol.* 27: 1542-1552.
Chem Codes: Chemical of Concern: ATZ,SZ,TBC,PMT,PPN,AMTR,ACR,CZE,CBF,DZ,DU,HXZ,MLT,MBZ,MTL,MP,NFZ,PRO Rejection Code: SURVEY.
- Perkovich, B. S., Anderson, T. A., Kruger, E. L., and Coats, J. R. (1996). Enhanced Mineralization of (14C)Atrazine in Kochia scoparia Rhizospheric Soil from a Pesticide-Contaminated Site. 46: 391-396.
Chem Codes: EcoReference No.: 73730
 Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Perry, W. (2004). Elements of South Florida's Comprehensive Everglades Restoration Plan. *Ecotoxicology [Ecotoxicology]*. Vol. 13, no. 3, pp. 185-193. Apr 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Perucci, P., Scarponi, L., and Monotti, M. (1988). Interference with Soil Phosphatase Activity by Maize Herbicidal Treatment and Incorporation of Maize Residues. *Biol.Fertil.Soils* 6: 286-291.
Chem Codes: Chemical of Concern: MTL,ACR,ATZ Rejection Code: NO SPECIES.
- Petrucci, Elisabetta, Di Palma, Luca, and Merli, Carlo (2002). Experimental assessment of electrochemical processes in the remediation of atrazine contaminated soils. *Annali Di Chimica* 92: 1007-1013.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Pflugmacher, S., Schroder, P., and Sandermann, H. Jr. (2000). Taxonomic Distribution of Plant Glutathione S-Transferases Acting on Xenobiotics. *Phytochemistry* 54: 267-273.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

- Phillips, T. A. and Summerfelt, R. C. (2001). Toxicity of Cedar River Water and Sediment to Larval Walleye. *Journal of the Iowa Academy of Science [J. Iowa Acad. Sci.]*. Vol. 108, no. 3, pp. 90-97. Sep 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE, SEDIMENT.
- Phipps, G. L., Harden, M. J., Leonard, E. N., Roush, T. H., Spehar, D. L., Stephan, C. E., Pickering, Q. H., and Buikema, A. L. J. (1984). Effects of Pollution on Freshwater Organisms. *J. Water Pollut. Control Fed.* 56: 725-758.
Chem Codes: EcoReference No.: 53156
Chemical of Concern:
EDT, AND, Al, NH, PAH, Sb, As, ATZ, Ba, BNZ, BZD, Be, Cd, CBL, CTC, CHD, Cl, Cl₂, CPY, Cr, Co, Cu, CN, DDT, DZ, CBZ, CPH, DLD, ES, EN, FA, HPT, HCCH, HCCP, Fe, ISO, Pb, Mn, Hg, Mo, NAPH, Ni, NBZ, NP, PCB, PRN, PNB, PCP, PL, Se, Ag, SZ, TCDD, TOL, TXP, V, Zn Rejection Code: REFS CHECKED/REVIEW.
- Phyu, Yin Latt, Warne, M. St. J., and Lim, R. P. (Toxicity and bioavailability of atrazine and molinate to the freshwater fish (*Melanotenia fluviatilis*) under laboratory and simulated field conditions. *Science of The Total Environment* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Pike, D. R. (1985). Illinois Major Crop Pesticide Use and Safety Survey Report. *University of Illinois, Urbana-Champaign, IL*.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Piletsky, S A, Piletska, E V, Bossi, A, Karim, K, Lowe, P, and Turner, A P (2001). Substitution of antibodies and receptors with molecularly imprinted polymers in enzyme-linked and fluorescent assays. *Biosensors & Bioelectronics* 16: 701-707.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Pinter, A., Torok, G., Surjan, A., Csik, M., Borzsonyi, M., and Kelecsenyi, Z. (1989). Genotoxicity of Selected Herbicides. *Ann. Ist. Super. Sanita* 25: 577-582.
Chem Codes: Chemical of Concern: ATZ, SZ, BTY, MLT, VNT, DU, ACR, MTL, EFS, DPP Rejection Code: NO DURATION.
- Piotrowski, Wojciech J, Marczak, Jerzy, Kurmanowska, Zofia, and Gorski, Pawel (Concentration of TBA-reactive substances in type II pneumocytes exposed to oxidative stress. *Archivum Immunologiae Et Therapiae Experimentalis* 52: 435-440.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Pistl, Juraj, Kovalkovicova, Natalia, Holovska, Vanda, Legath, Jaroslav, and Mikula, Ivan (2003). Determination of the immunotoxic potential of pesticides on functional activity of sheep leukocytes in vitro. *Toxicology* 188: 73-81.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Plater, M. John, Sinclair, James P., Aiken, Stuart, Gelbrich, Thomas, and Hursthouse, Michael B. (2004). The CA.M lattice revisited. Gel formation from a linear bis-isocyanuric acid and 2-amino-4,6-bis-(4-tert-butylphenylamino)-1,3,5-triazine. *Tetrahedron* 60: 6385-6394.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Plekhanova, Yu V, Reshetilov, A N, Yazynina, E V, Zherdev, A V, and Dzantiev, B B (2003). A new assay format for electrochemical immunosensors: polyelectrolyte-based separation on membrane carriers combined with detection of peroxidase activity by pH-sensitive field-effect transistor. *Biosensors & Bioelectronics* 19: 109-114.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Plewa, M. J. (1978). Activation of Chemicals into Mutagens by Green Plants: A Preliminary Discussion. *Environ. Health Perspect.* 27: 45-50.

- Chem Codes: EcoReference No.: 69583
Chemical of Concern: ATZ,SZ Rejection Code: REFS CHECKED/REVIEW.
- Ploszynski, M. and Rola, J. (1974). The Influence of Simazine and Atrazine on the Yields and Chemical Changes in Tops of Summer (Spring) Rye and Sunflower. *Pamięt.Pulawski* 60: 105-110 (CZE) (ENG ABS).
Chem Codes: EcoReference No.: 30912
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Plumley, F. G. (1978). Atrazine Effects on Salt Marsh Edaphic Algae (Diatoms). *J.Physiol.* 14: 20.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Pluta, H. J. (1989). Toxicity of Several Xenobiotics and Waste Water Effluents Measured with a new Fish Early Life Stage Test (ELST) (Erste Ergebnisse der Prüfung von Umweltchemikalien und Abwassern einer Kommunalen Klaranlage mit Frühen Lebensstadien von Fischen (Early Life Stage Test, ELST). *Z.Agnew.Zool.* 76: 195-220 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 81926
Chemical of Concern: ATZ,HCCH Rejection Code: EFFLUENT/NON-ENGLISH.
- Pochron, Sharon T (2005). Does relative economic value of food elicit purposeful encounter in the yellow baboons (*Papio hamadryas cynocephalus*) of Ruaha National Park, Tanzania? *Primates; Journal Of Primatology* 46: 71-74.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Pogorelova, Svetlana P, Bourenko, Tatyana, Kharitonov, Andrei B, and Willner, Itamar (2002). Selective sensing of triazine herbicides in imprinted membranes using ion-sensitive field-effect transistors and microgravimetric quartz crystal microbalance measurements. *The Analyst* 127: 1484-1491.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Pollack, E. H. and Forgash, A. J. (1978). Indirect Effects of Gypsy Moth *Lymantria dispar* L. (Lepidoptera: Lymantriidae) Insecticides, on the Parasite *Apanteles melanoscelus* (Ratzeburg) (Hymenoptera: Braconidae). *J.N.Y.Entomol.Soc.* 86: 314 (ABS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Pollehne, F., Jost, G., Kerstan, E., Meyer-Harms, B., Reckermann, M., Nausch, M., and Wodarg, D. (1999). Triazine Herbicides and Primary Pelagic Interactions in an Estuarine Summer Situation. *J.Exp.Mar.Biol.Ecol.* 238: 243-257.
Chem Codes: EcoReference No.: 69779
Chemical of Concern: SZ,ATZ Rejection Code: MIXTURE.
- Pollis, R. E., Reid, A. L., and Weathers, L. J. (1998). Effects of Chemicals on Microorganisms. *Water Environ.Res.* 70: 915-921 .
Chem Codes: EcoReference No.: 65119
Chemical of Concern: EDT,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Pollock, D., Salama, R., and Kookana, R. (2002). A study of atrazine transport through a soil profile on the Gngangara Mound, Western Australia, using LEACHP and Monte Carlo techniques. *Australian Journal of Soil Research*, 40 (3) pp. 455-464, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Preshing, M. (1985). The Influence of Some Toxicants on the Survival Rate of *Daphnia magna* in a 3-Factor Experiment. *Gidrobiol.Zh.* 21: 72-75 (RUS) (ENG ABS).
Chem Codes: EcoReference No.: 71255
Chemical of Concern: Cu,ATZ Rejection Code: NON-ENGLISH.
- Prins, L J, Timmerman, P, and Reinhoudt, D N (2001). Amplification of chirality: the "sergeants and soldiers"

- principle applied to dynamic hydrogen-bonded assemblies. *Journal Of The American Chemical Society* 123: 10153-10163.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Prosen, Helena and Zupancic-Kralj, Lucija (2005). Evaluation of photolysis and hydrolysis of atrazine and its first degradation products in the presence of humic acids. *Environmental Pollution* 133: 517-529.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Pruett, Stephen B, Fan, Ruping, Zheng, Qiang, Myers, L Peyton, and Hebert, Pamela (2003). Modeling and predicting immunological effects of chemical stressors: characterization of a quantitative biomarker for immunological changes caused by atrazine and ethanol. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 75: 343-354.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Przibilla, E., Heiss, S., Johanningmeier, U., and Trebst, A. (1991). Site-Specific Mutagenesis of the D1 Subunit of Photosystem II in Wild-Type Chlamydomonas. *Plant Cell* 3: 169-174.
Chem Codes: Chemical of Concern: PHMD,MBZ,ATZ Rejection Code: IN VITRO.
- Purkayastha, R. (1971). Simultaneous Detection of the Residues of Atrazine and Linuron in Water, Soil, Plant, and Animal Samples by Thin-Layer Chromatography. *Int.J.Environ.Anal.Chem.* 1: 147-158.
Chem Codes: Chemical of Concern: ATZ,LNR Rejection Code: METHODS/NO DURATION/SURVEY.
- Putt, A. E. (2003). Atrazine Technical SF - Toxicity to Midge (Chironomus tentans) During a 10-Day Sediment Exposure. *Springborn Smithers Laboratories, No.1781.6636, Syngenta No.1501-02, US EPA OPPTS Guideline 850.1735* 1: 1-79.
Chem Codes: EcoReference No.: 72110
 Chemical of Concern: ATZ Rejection Code: SEDIMENT CONC.
- Putt, A. E. (2002). Atrazine Technical SF-Toxicity to Midge (Chironomus tentans) Under Flow-Through Conditions. *SSL Rep.No.1781.6635 to Syngenta Crop Prot.Inc., Springborn Smithers Lab., Wareham, MA.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Quaghebeur, D, De Smet, B, De Wulf, E, and Steurbaut, W (2004). Pesticides in rainwater in Flanders, Belgium: results from the monitoring program 1997-2001. *Journal Of Environmental Monitoring: JEM* 6: 182-190.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Quellet, M., Bonin, J., Rodrigue, J., DesGranges, J. L., and Lair, S. (1997). Hindlimb Deformities (Ectromelia, Ectrodactyly) in Free-Living Anurans from Agricultural Habitats. *J.Wildl.Dis.* 33: 95-104.
Chem Codes: Chemical of Concern: CYP,DMB,ATZ,GYP,LNR,MCPA,MTL Rejection Code: NO CONC/NO DURATION/SURVEY.
- Quintana, J, Marti, I, and Ventura, F (2001). Monitoring of pesticides in drinking and related waters in NE Spain with a multiresidue SPE-GC-MS method including an estimation of the uncertainty of the analytical results. *Journal Of Chromatography* 938: 3-13.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Rabert, W., Lin, J., Frankenberry, M., and Urban, D. (2002). Reregistration Eligibility Science Chapter for Atrazine Environmental Fate and Effects Chapter. 1-95.
Chem Codes: EcoReference No.: 79294
 Chemical of Concern: ATZ Rejection Code: FATE/REVIEW.
- Rabert, W., Lin, J., Frankenberry, M., and Urban, D. (2002). Reregistration Eligibility Science Chapter for Atrazine: Environmental Fate and Effects Chapter. *www.epa.gov/pesticides* 238 p.
Chem Codes: EcoReference No.: 80872

Chemical of Concern: ATZ Rejection Code: FATE/REVIEW.

Radivojevic, L. j., Djordjevic, S., Gasic, S., Stankovic-Kalezic, R., and Elezovic, I. (2003). 646 Effects of herbicide atrazine on soil biochemical activity. *Toxicology Letters* 144: s173.

Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.

Radosevich, M., Traina, S. J., Haox, Y. L., and Tuovinen, O. H. (1995). Degradation and Mineralization of Atrazine by a Soil Bacterial Isolate. *Appl.Environ.Microbiol.* 61: 297-302.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Radosevich, M., Traina, S. J., and Tuovinen, O. H. (1996). Biodegradation of Atrazine in Surface Soils and Subsurface Sediments Collected from and Agricultural Research Farm. *Biodegradation* 7: 137-149.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Rahman, A. (1988). Recent Major Problems of Weed Control in Maize in New Zealand. *Int.Symp.Crop Prot.(Meded.Fac.Landbouwwet.Rijkuniv.Gent)* 53: 1335-1344.

Chem Codes: Chemical of Concern: ATZ,EPTC Rejection Code: REFS CHECKED/REVIEW.

Raillard, S, Krebber, A, Chen, Y, Ness, J E, Bermudez, E, Trinidad, R, Fullem, R, Davis, C , Welch, M, and Seffernick et, al. (2001). Novel enzyme activities and functional plasticity revealed by recombining highly homologous enzymes. *Chemistry & Biology* 8: 891-898.

Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

Rakotondradany, Felaniaina, Palmer, Alison, Toader, Violeta, Chen, Bingzhi, Whitehead, M A, and Sleiman, Hanadi F (2005). Hydrogen-bond self-assembly of DNA-analogues into hexameric rosettes. *Chemical Communications (Cambridge, England)* 5441-5443.

Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.

Ralebits, T Komang, Senior, Eric, and van Verseveld, Henk W (2002). Microbial aspects of atrazine degradation in natural environments. *Biodegradation* 13: 11-19.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Ralebitso-Senior, T K, Costa, C, Roling, W F M, Braster, M, Senior, E, and van Verseveld, H W (2003). Atrazine catabolism by a combined bacterial association (KRA30) under carbon- and nitrogen-limitations in a retentostat. *Journal Of Applied Microbiology* 94: 1043-1051.

Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.

Ramesh, A and Ravi, P E (2001). Applications of solid-phase microextraction (SPME) in the determination of residues of certain herbicides at trace levels in environmental samples. *Journal Of Environmental Monitoring: JEM* 3: 505-508.

Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.

Ramwell, Carmel T, Heather, Andrew I J, and Shepherd, Anthony J (2004). Herbicide loss following application to a railway. *Pest Management Science* 60: 556-564.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Ramwell, Carmel T, Heather, Andrew I J, and Shepherd, Anthony J (2002). Herbicide loss following application to a roadside. *Pest Management Science* 58: 695-701.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Rao, D. R., Raychaudhuri, S. P., and Verma, V. S. (1994). Study on the Effect of Herbicides on the Infectivity of Cucumber Mosaic Virus. *Int.J.Trop.Plant Dis.* 12 : 177-185.

Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: IN VITRO.

Rau, Doris, Kramer, Karl, and Hock, Bertold (2002). Single-chain Fv antibody-alkaline phosphatase fusion proteins

- produced by one-step cloning as rapid detection tools for ELISA. *Journal Of Immunoassay & Immunochemistry* 23: 129-143.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Raveton, M., Schneider, A., Desprez-Durand, C., Ravanel, P., and Tissut, M. (1999). Comparative Diffusion of Atrazine Inside Aqueous or Organic Matrices and Inside Plant Seedlings. *Pestic.Biochem.Physiol.* 65: 36-43.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO/NO TOX DATA.
- Ravier, Isabelle, Haouisee, Emmanuelle, Clement, Michel, Seux, Rene, and Briand, Olivier (2005). Field experiments for the evaluation of pesticide spray-drift on arable crops. *Pest Management Science* 61: 728-736.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ray, C., Soong, T. W., Lian, Y. Q., and Roadcap, G. S. (2002). Effect of flood-induced chemical load on filtrate quality at bank filtration sites. *Journal of Hydrology* 266: 235-258.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Ray, Chittaranjan, Vogel, Tomas, and Dusek, Jaromir (2004). Modeling depth-variant and domain-specific sorption and biodegradation in dual-permeability media. *Journal Of Contaminant Hydrology* 70: 63-87.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Ray, Soma, Shrivastava, Rahul, and Bagchi, Suvendra N. (2003). Isolation and partial characterization of a *Synechococcus* sp. PCC 7942 mutant resistant to a natural herbicide. *Plant Science* 165: 785-791.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Rayburn, A. Lane, Bouma, Jerry, and Northcott, Carrie A. (2001). Comparing the clastogenic potential of atrazine with caffeine using Chinese hamster ovary (CHO) cells. *Toxicology Letters* 121: 69-78.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Rayner, J. L. and Fenton, S. E. (2004). Detection of a Critical Period Necessary for Atrazine-Induced Mammary Gland Delays in Rats. *Toxicologist* 78: 218 (ABS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Rayner, J. L. and Fenton, S. E. (2003). Exposure Parameters for Delayed Puberty and Mammary Gland Development in Long-Evans Rats Exposed In Utero to Atrazine. *Toxicologist* 72: 77 (ABS).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Rayner, J. L. and Fenton, S. E. (2002). In Utero Exposure to Atrazine Induces Delayed Puberty of Long-Evans Rats: Dam-Mediated Effects in Females. *Toxicologist* 66 : 371 (ABS No.1818).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Rebich, R. A., Coupe, R. H., and Thurman, E. M. (2004). Herbicide concentrations in the Mississippi River Basin--the importance of chloroacetanilide herbicide degradates. *Science of The Total Environment* 321: 189-199.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Reddy, G. P. V. and Murthy, M. M. K. (1989). Integrated Pest Management in Rice. *Pesticides* 23: 32F-32I.
Chem Codes: Chemical of Concern: SZ,AND,CHL,CBL,CPY,DZ,EN,HPT,ATZ,MOM,ADC,CBF,DMT,DMB,ATN Rejection Code: NO TOX DATA.
- Reder, Sabine, Dieterle, Frank, Jansen, Hendrikus, Alcock, Susan, and Gauglitz, Gunter (2003). Multi-analyte assay for triazines using cross-reactive antibodies and neural networks. *Biosensors & Bioelectronics* 19: 447-455.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.

- Reeder, A. L., Foley, G. L., Nichols, D. K., Hansen, L. G., Wikoff, B., Faeh, S., Eisold, J., Wheeler, M. B., Warner, R., Murphy, J. E., and Beasley, V. R. (1998). Forms and Prevalence of Intersexuality and Effects of Environmental Contaminants on Sexuality in Cricket Frogs (*Acris crepitans*). *Environ.Health Perspect.* 106: 261-266.
Chem Codes: EcoReference No.: 60634
 Chemical of Concern: PCB,ATZ,MTL,CPY,DXN Rejection Code: NO DURATION/NO TOXICANT/SURVEY.
- Reichenberger, S., Amelung, W., Laabs, V., Pinto, A., Totsche, K. U., and Zech, W. (2002). Pesticide displacement along preferential flow pathways in a Brazilian Oxisol. *Geoderma* 110: 63-86.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Reil, E., Hofle, G., Draber, W., and Oettmeier, W (2001). Quinolones and their N-oxides as inhibitors of photosystem II and the cytochrome b(6)/f-complex. *Biochimica Et Biophysica Acta* 1506: 127-132.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Reinhardt, C. F. (1995). Residual Effect of Atrazine on Field-Grown Dry Beans and Sunflower. *S.Afr.J.Plant Soil* 12: 82-85.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO CONC.
- Reinold, D., Hofner, W., and Kohler, W. (1994). Influence of Cu, Cd and Atrazine on the Metabolism of the Unicellular Green Alga *Scenedesmus subspicatus* (Auswirkungen von Cu, Cd und Atrazin auf den Stoffwechsel der Einzelligen Grünalge *Scenedesmus subspicatus*). *Z.Pflanzenernaeh.Bodenkd.* 157: 145-150 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 69521
 Chemical of Concern: Cu,Cd,ATZ Rejection Code: NON-ENGLISH.
- Ren, Jin, Jiang, Ke, and Zhou, Huaidong (2002). The concentration and source of atrazine residue in water of Guanting reservoir. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 23: 126-128.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Ren, Li-ping, Jiang, Shu-ren, Rao, Zhen-hong, Xiong, Yan-mei, Zhang, Chun-rong, and Wang, Dong-dong (2004). Study on the resonance scattering light spectra of atrazine-RNA and its analytical application. *Guang Pu Xue Yu Guang Pu Fen Xi = Guang Pu* 24: 1213-1216.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Renner, R. (2002). Conflict Brewing Over Herbicide's Link to Frog Deformities. *Science (Washington) [Science (Wash.)]. Vol. 298, no. 5595, pp. 938-939. 1 Nov 2002.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Renner, R. (2002). Conflict Brewing Over Herbicide's Link to Frog Deformities. *Science* 298: 938-939.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION.
- Renner, Rebecca (2002). Amphibian declines. Conflict brewing over herbicide's link to frog deformities. *Science* 298: 938-939.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Renner, Rebecca (2002). Atrazine linked to endocrine disruption in frogs. *Environmental Science & Technology* 36: 55A-56A.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Renosto, F., Nardi, S., and Ferrari, G. (1979). Atrazine Inhibition of Ion Uptake by Plant Roots. *Pestic.Biochem.Physiol.* 11: 243-246.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

- Reubke, K. J., Kluth, J., Tietjen, K., and Trebst, A. (1991). Factorial Correspondence Analysis for Classification of Photosynthesis Inhibitor Herbicides on the Basis of PI50 Values Measured in Chlamydomonas Mutants. *In: 7th Int.Congr.of Pestic.Chem., Aug.5-10, 1990, Hamburg, Germany, Pestic.Sci.* 31: 106-110.
Chem Codes: Chemical of Concern: PHMD,ATZ,MBZ,PL Rejection Code: MODELING.
- Reungsang, A., Moorman, T. B., and Kanwar, R. S. (2001). Transport and fate of atrazine in Midwestern Riparian Buffer Strips. *Journal of the American Water Resources Association*, 37 (6) pp. 1681-1692, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Rhine, E D, Fuhrmann, J J, and Radosevich, M (2003). Microbial community responses to atrazine exposure and nutrient availability: linking degradation capacity to community structure. *Microbial Ecology* 46: 145-160.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ribeiro, A B, Rodriguez-Maroto, J M, Mateus, E P, and Gomes, H (2005). Removal of organic contaminants from soils by an electrokinetic process: the case of atrazine. Experimental and modeling. *Chemosphere* 59: 1229-1239.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Rice, Clifford P, Nochetto, Cristina B, and Zara, Pedro (2002). Volatilization of trifluralin, atrazine, metolachlor, chlorpyrifos, alpha-endosulfan, and beta-endosulfan from freshly tilled soil. *Journal Of Agricultural And Food Chemistry* 50: 4009-4017.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Rice, Pamela J, Anderson, Todd A, and Coats, Joel R (2004). Effect of sediment on the fate of metolachlor and atrazine in surface water. *Environmental Toxicology And Chemistry / SETAC* 23: 1145-1155.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Richard, J. J., Junk, G. A., Avery, M. J., Nehring, N. L., Fritz, J. S., and Svec, H. J. (1975). Analysis of Various Iowa Waters for Selected Pesticides: Atrazine, DDE, and Dieldrin - 1974. *Pest.Monit.J.* 9: 117-123.
Chem Codes : Chemical of Concern: ATZ Rejection Code: SURVEY.
- Richards, R. P. and Baker, D. B. (1993). Pesticide Concentration Patterns in Agricultural Drainage Networks in the Lake Erie Basin. *Environ.Toxicol.Chem.* 12: 13-26.
Chem Codes: Chemical of Concern: ATZ,ACR,MTL,MBZ,CZE,LNR Rejection Code: NO TOX DATA.
- Riley, D. (1995). Assessment, Acceptability and Regulation of Risk from Residues in Water. *In: A.Walker, et al.(Eds.), Br.Crop Prot.Counc.Monogr.No.62, Pesticide Movement to Water, Symposium, Apr.3-5, 1995, Coventry, England, Br.Crop Prot.Counc., Farnham, England* 335-343.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REFS CHECKED/REVIEW/SURVEY.
- Riley, Melissa B, Dumas, Jose A, Gbur, Edward E, Massey, Joseph H, Mattice, John D, Mersie, Wondi, Mueller, Thomas C, Potter, Thomas, Senseman, Scott A, and Watson et, al. (2005). Pesticide extraction efficiency of two solid phase disk types after shipping. *Journal Of Agricultural And Food Chemistry* 53: 5079-5083.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Rios, R D, Saione, H, Robredo, C, Acevedo, A, Colombo, N, and Prina, A R (2003). Isolation and molecular characterization of atrazine tolerant barley mutants. *TAG. Theoretical And Applied Genetics. Theoretische Und Angewandte Genetik* 106: 696-702.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Rivas, Francisco J, Beltran, Fernando J, Garcia-araya, Juan F, Navarrete, Victor, and Gimeno, Olga (2002). Co-oxidation of p-hydroxybenzoic acid and atrazine by the Fenton's like system Fe(III)/H2O2. *Journal Of Hazardous Materials* 91: 143-157.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.

- Rivas, Francisco J., Beltran, Fernando J., Garcia-araya, Juan F., Navarrete, Victor, and Gimeno, Olga (2002). Co-oxidation of p-hydroxybenzoic acid and atrazine by the Fenton's like system Fe(III)/H₂O₂. *Journal of Hazardous Materials* 91: 143-157.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Riviere, Jim E. and Brooks, James D. (Predicting skin permeability from complex chemical mixtures. *Toxicology and Applied Pharmacology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Ro, K. S., Chung, K. H., Chung, Y. C., and Tsai, F. J. (1997). Pesticides and Herbicides. *Water Environ.Res.* 69: 664-667 .
Chem Codes: EcoReference No.: 70202
Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Roberts, Arthur G., Gregor, Wolfgang, Britt, R. David, and Kramer, David M. (2003). Acceptor and donor-side interactions of phenolic inhibitors in Photosystem II. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* 1604: 23-32.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Robinson, D. W. (1981). Chemical Weed Control in Ornamental Horticulture. In: *Symp.on Horticulture for the People held at the 20th Int.Horticultural Congr., Aug.17, 1978, Sydney, Australia, Acta Hortic.* 105: 35-40.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: REFS CHECKED/REVIEW.
- Rodriguez-Cruz, M S, Sanchez-Martin, M J, and Sanchez-Camazano, M (Enhanced desorption of herbicides sorbed on soils by addition of Triton X-100. *Journal Of Environmental Quality* 33: 920-929.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Rodriguez, Eva M., Alvarez, Pedro M., Rivas, F. Javier, and Beltran, Fernando J. (2004). Wet peroxide degradation of atrazine. *Chemosphere* 54: 71-78.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Rogers, Michael D. (2003). Risk analysis under uncertainty, the Precautionary Principle, and the new EU chemicals strategy. *Regulatory Toxicology and Pharmacology* 37: 370-381.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Rooney, A. A. and Luebke, R. W. (2002). Perinatal Exposure to Atrazine Alters Juvenile Immune Function in Sprague-Dawley Rats. *Toxicologist* 66: 148 (ABS No.719).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Roseboom, D., Hill, T., Rodsater, J., and Felsot, A. (1990). Stream Yields from Agricultural Chemicals and Feedlot Runoff from an Illinois Watershed. *Final Rep., Ill.State Water Surv., Peoria, IL* 133 p.
Chem Codes: EcoReference No.: 65693
Chemical of Concern: ATZ Rejection Code: REVIEW/SURVEY.
- Rossi, L. A. (1996). Overview of Special Review of Triazines. In: *211th Am.Chem.Soc.Natl.Meet., Mar.24-28, 1996, New Orleans, LA, Abstr.of Pap.Am.Chem.Soc.* 211: AGRO (ABS No.24).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: ABSTRACT/REVIEW.
- Rotiroti, Lucia, De Stefano, Luca, Rendina, Ivo, Moretti, Luigi, Rossi, Andrea Mario, and Piccolo, Alessandro (2005). Optical microsensors for pesticides identification based on porous silicon technology. *Biosensors & Bioelectronics* 20: 2136-2139.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Rotteveel, A. J. W., Straathof, H. J. M., and Naber, H. (1993). The Decline of a Yellow Nutsedge (*Cyperus esculentus* L.) Populaton Under Three Chemical Management Systems Aimed at Eradication.

- Meded.Fac.Landbouwkd.Toegep.Biol.Wet.Univ.Gent* 58: 893-900.
Chem Codes: EcoReference No.: 73522
 Chemical of Concern: MTL,ATZ,GYP Rejection Code: MIXTURE.
- Rouchaud, J., Gustin, F., Callens, D., Van Himme, M., Bulcke, R., Cappellen, O., and Mouraux, D. (1993). Effects of the Recent Organic Fertilizer Treatments onto the Herbicides Isoxaben, Atrazine and Metolachlor Soil Metabolisms in Winter Wheat and Maize Crops. *Meded.Fac.Landbouwkd.Toegep.Biol.Wet.Univ.Gent* 58: 197-202.
Chem Codes: Chemical of Concern: MTL,ATZ Rejection Code: FATE/METABOLISM/NO SPECIES.
- Rousseaux, S, Hartmann, A, Lagacherie, B, Piutti, S, Andreux, F, and Soulas, G (2003). Inoculation of an atrazine-degrading strain, *Chelatobacter heintzii* Cit1, in four different soils: effects of different inoculum densities. *Chemosphere* 51: 569-576.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Rousseaux, Sandrine, Hartmann, Alain, and Soulas, Guy (2001). Isolation and characterisation of new Gram-negative and Gram-positive atrazine degrading bacteria from different French soils. *FEMS Microbiology Ecology* 36: 211-222.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Rousseaux, Sandrine, Soulas, Guy, and Hartmann, Alain (2002). Plasmid localisation of atrazine-degrading genes in newly described *Chelatobacter* and *Arthrobacter* strains. *FEMS Microbiology Ecology* 41: 69-75.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Rowe, A. M., Brundage, K. M., Schafer, R., and Barnett, J. B. (2004). Developmental Immunotoxic effects of Prenatal Atrazine Exposure. *Toxicologist* 78: 117(ABS.No.53).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Roy, Debjani (2002). Amphibians as environmental sentinels. *Journal Of Biosciences* 27: 187-188.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Roy, W R, Krapac, I G, Chou, S F, and Simmons, F W (2001). Pesticide storage and release in unsaturated soil in Illinois, USA. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 245-260.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Rubyn, S. S. and Hrytsayenko, Z. M. (1967). The Effect of 2,4-Dichlorophenoxyacetic Acid, Simazine, and Atrazine on the Carbohydrate Metabolism of Monocotyledons and Dicotyledons. *Zb.Nauk.Pr.Umans'k.Sil's'Kohospod.Inst.* 15: 116-120.
Chem Codes: Chemical of Concern: SZ,ATZ,24DXY Rejection Code: METABOLISM/NO SOURCE.
- Rudra, R P, Abu-Zreig, M, and Asare, S N (2001). Macroporosity and manure influence on atrazine transport through soil. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 597-608.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ruiz, M. J. and Marzin, D. (1997). Genotoxicity of Six Pesticides by Salmonella Mutagenicity Test and SOS Chromotest. *Mutat.Res.* 390: 245-255.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Runes, H B, Jenkins, J J, and Bottomley, P J (2001). Atrazine degradation by bioaugmented sediment from constructed wetlands. *Applied Microbiology And Biotechnology* 57 : 427-432.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Runes, Heather B, Jenkins, Jeffrey J, Moore, James A, Bottomley, Peter J, and Wilson, Bruce D (2003). Treatment

- of atrazine in nursery irrigation runoff by a constructed wetland. *Water Research* 37: 539-550 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA .
- Rupassara, S. I., Larson, R. A., Sims, G. K., and Marley, K. A. (2002). Degradation of Atrazine by Hornwort in Aquatic Systems. *Bioremediation Journal* 6: 217-224.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Russell, D. J., Hales, P. W., and Moss, A. (1996). Pesticide Residues in Aquatic Biota from North-East Queensland Coastal Streams. *Proc.R.Soc.Queensl.* 106: 23-30.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Rymuszka, A and Siwicki, A K (2003). Immunomodulatory activity of the dimerized lysozyme KLP-602 after earlier suppression by atrazine in carp (*Cyprinus carpio* L.). *Polish Journal Of Veterinary Sciences* 6: 43-46.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Sabater, C and Carrasco, J M (2001). Effects of the organophosphorus insecticide fenitrothion on growth in five freshwater species of phytoplankton. *Environmental Toxicology* 16: 314-320.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO COC.
- Sadeghi, A. M. and Isensee, A. R. (1992). Effect of Tillage Systems and Rainfall Patterns on Atrazine Distribution in Soil. *J.Environ.Qual.* 21: 464-469.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO EFFECT.
- Sadeghi, A. M. and Isensee, A. R. (2001). Impact of Hairy Vetch Cover Crop on Herbicide Transport Under Field and Laboratory Conditions. *Chemosphere* 44: 109-118.
Chem Codes: Chemical of Concern: ATZ,MTL Rejection Code: NO TOX DATA.
- Sadeghi, Ali M. and Isensee, Allan R. (2001). Impact of hairy vetch cover crop on herbicide transport under field and laboratory conditions. *Chemosphere* 44: 109-118.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Saez, Florentina, Pozo, Clementina, Gomez, Miguel Angel, Rodelas, Belen, and Gonzalez-Lopez, Jesus (2003). Growth and nitrite and nitrous oxide accumulation of *Paracoccus denitrificans* ATCC 19367 in the presence of selected pesticides. *Environmental Toxicology And Chemistry / SETAC* 22: 1993-1997.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Saito, S., Tanoue, A., and Matsuo, M. (1992). Applicability of the i/o-Characters to a Quantitative Description of Bioconcentration of Organic Chemicals in Fish. *Chemosphere* 24: 81-87.
Chem Codes: Chemical of Concern: ATZ,MRX,MXC,PCP,HPT,EN,CF Rejection Code: NO DURATION/REVIEW/SURVEY.
- Sajjaphan, Kannika, Shapir, Nir, Judd, Adam K, Wackett, Lawrence P, and Sadowsky, Michael J (2002). Novel psbA1 gene from a naturally occurring atrazine-resistant cyanobacterial isolate. *Applied And Environmental Microbiology* 68: 1358-1366.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Sajjaphan, Kannika, Shapir, Nir, Wackett, Lawrence P, Palmer, Michael, Blackmon, Barbara, Tomkins, Jeff, and Sadowsky, Michael J (2004). *Arthrobacter aurescens* TC1 atrazine catabolism genes *trzN*, *atzB*, and *atzC* are linked on a 160-kilobase region and are functional in *Escherichia coli*. *Applied And Environmental Microbiology* 70: 4402-4407.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Salt, D. E., Smith, R. D., and Raskin, I. (1998). Phytoremediation. In: *R.L.Jones, C.R.Somerville, and V.Walbot (Eds.), Annu.Rev.of Plant Physiol.and Plant Mol.Biol., Annu.Rev.Inc., Palo Alto, CA* 49: 643-668.

- Chem Codes: EcoReference No.: 70887
Chemical of Concern: TNT,Pb,Cd,As,Cr,Hg,Cu,Zn,PCB,ATZ,Se,ALD,Fe,HPT,Ni Rejection Code: REVIEW.
- Saltmiras, David A. and Lemley, Ann T. (2002). Atrazine degradation by anodic Fenton treatment. *Water Research* 36: 5113-5119.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Saly, A. and Stanova, A. (1983). The Effect of Herbicides upon Societies of Free-Living Nematodes in the Soil of Silage Maize Culture. *Biologia (Bratsl.)* 38: 155-165 (RUS) (ENG ABS).
Chem Codes: EcoReference No.: 72188
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Sanchez-Camazano, Maria, Rodriguez-Cruz, Sonia, and Sanchez-Martin, Maria J (2003). Evaluation of component characteristics of soil-surfactant-herbicide system that affect enhanced desorption of linuron and atrazine preadsorbed by soils. *Environmental Science & Technology* 37: 2758-2766.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Sanchez, Mariela, Garbi, Carlos, Martinez-Alvarez, Roberto, Ortiz, Luis T, Allende, Jose Luis, and Martin, Margarita (2005). Klebsiella planticola strain DSZ mineralizes simazine: physiological adaptations involved in the process. *Applied Microbiology And Biotechnology* 66: 589-596.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Sanderson, J. T., Boerma, J., Lansbergen, G. W., and Van den berg, M. (2002). Induction and Inhibition of Aromatase (CYP19) Activity by Various Classes of Pesticides in H295R Human Adrenocortical Carcinoma Cells. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 182, no. 1, pp. 44-54. 1 Jul 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Sanderson, J. T., Letcher, R. J., Heneweer, M., Giesy, J. P., and Van den Berg, M. (2001). Effects of Chloro-s-Triazine Herbicides and Metabolites on Aromatase Activity in Various Human Cell Lines and on Vitellogenin Production in Male Carp Hepatocytes. *Environ.Health Perspect.* 109: 1027-1031.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Sanin, Selim L (2003). Effect of starvation on resuscitation and the surface characteristics of bacteria. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 38: 1517-1528.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Sanin, Selim L., Sanin, F. Dilek, and Bryers, James D. (2003). Effect of starvation on the adhesive properties of xenobiotic degrading bacteria. *Process Biochemistry* 38: 909-914.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Sannino, F and Gianfreda, L (2001). Pesticide influence on soil enzymatic activities. *Chemosphere* 45: 417-425.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Sawunyama, Phillip and Bailey, George W (2002). Computational chemistry study of the environmentally important acid-catalyzed hydrolysis of atrazine and related 2-chloro-s-triazines. *Pest Management Science* 58: 759-768.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Schieder, D, Quicker, P, Schneider, R, Winter, H, Prechtel, S, and Faulstich, M (2003). Microbiological removal of hydrogen sulfide from biogas by means of a separate biofilter system: experience with technical operation. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 48: 209-212.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Schmitt-Jansen, Mechthild and Altenburger, Rolf (2005). Predicting and observing responses of algal communities to photosystem II-herbicide exposure using pollution-induced community tolerance and species-sensitivity distributions. *Environmental Toxicology And Chemistry / SETAC* 24: 304-312.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Schmitz, P., Krebs, F., and Irmer, U. (1994). Development, Testing, and Implementation of Automated Biotests for the Monitoring of the River Rhine, Demonstrated by Bacteria and Algae Tests. *Water Sci.Technol.* 29: 215-221.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA/SURVEY.
- Schnabel, G., Wolter, J., and Noga, G. (1998). The Fungicidal Potential of Ca-Dodecylbenzolsulfonate in Grape Production (Einsatzmöglichkeiten von Ca-Dodecylbenzolsulfonat im Weinbau). *Gartenbauwissenschaft* 63: 283-288 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 64284
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Schroder, I., Meyer, M., and Mucke, D. (1970). Effects of the Herbicides 2,4-D, Amitrole, Atrazine, Chlorpropham and Chlorflurenol on Nucleic-Acid Biosynthesis in the Ascomycete *Neurospora crassa* (Die Wirkung der Herbizide 2,4-D, Amitrol, Atrazin, Chlorpropham und Chlorflurenol auf die Nucleinsäure-Biosynthese des Ascomyceten *Neurospora crassa*). *Weed Res.* 10: 172-177.
Chem Codes: EcoReference No.: 30816
Chemical of Concern: ATZ,24DXY,CFRM Rejection Code: NON-ENGLISH.
- Schulte, M. and Allen, J. R. F. (2000). GARDOL GOLD - A Significant Advance in Broad-Spectrum Weed Control in Maize Through Isomer Technology (GARDOL GOLD - Eine Wichtige Weiterentwicklung zur Unkraut- und Ungrasbekämpfung in Mais unter Einsatz der Isomer-Technologie). *Z.Pflanzenkr.Pflanzenschutz* 17: 531-538 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 63496
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Schuurmann, G. and Klein, W. (1988). Advances in Bioconcentration Prediction. *Chemosphere* 17: 1551-1574.
Chem Codes: EcoReference No.: 66078
Chemical of Concern: ATZ Rejection Code: NO CONC.
- Schwaiger, J. A. (1991). Presentation of the Sublethal Effect of Environmental Chemicals on Rainbow Trout *Oncorhynchus mykiss*. In: A.Veese, T.Ewringmann, and R.D.Negele, *Current Chemical and Biological Water and Sludge Analysis: Application, Results and Their Ecological Evaluation, Volume 45*, Oldenbourg Verlag, Munich, Germany 130-144.
Chem Codes: EcoReference No.: 82099
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Scientific Advisory Panel (2003). Potential Developmental Effects of Atrazine on Amphibians. *Memo.to James Jones, Director OPP, Regarding Transmittal of Meet.Minutes of the FIFRA Sci.Advis.Panel Meet.held June 17-20, 2003, U.S.EPA, Offices of Pestic.Prog.(OPP), Washington, D.C.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Seffernick, J L, de Souza, M L, Sadowsky, M J, and Wackett, L P (2001). Melamine deaminase and atrazine chlorohydrolase: 98 percent identical but functionally different. *Journal Of Bacteriology* 183: 2405-2410.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Seffernick, J L and Wackett, L P (2001). Rapid evolution of bacterial catabolic enzymes: a case study with atrazine chlorohydrolase. *Biochemistry* 40: 12747-12753.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.

- Seffernick, Jennifer L, McTavish, Hugh, Osborne, Jeffrey P, de Souza, Mervyn L, Sadowsky, Michael J, and Wackett, Lawrence P (2002). Atrazine chlorohydrolase from *Pseudomonas* sp. strain ADP is a metalloenzyme. *Biochemistry* 41: 14430-14437.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Seffernick, Jennifer L, Shapir, Nir, Schoeb, Michael, Johnson, Gilbert, Sadowsky, Michael J, and Wackett, Lawrence P (2002). Enzymatic degradation of chlorodiamino-s-triazine. *Applied And Environmental Microbiology* 68: 4672-4675.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Seghers, Dave, Siciliano, Steven D., Top, Eva M. , and Verstraete, Willy (2005). Combined effect of fertilizer and herbicide applications on the abundance, community structure and performance of the soil methanotrophic community. *Soil Biology and Biochemistry* 37: 187-193.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Seghers, Dave, Verthe, Kristof, Reheul, Dirk, Bulcke, Robert, Siciliano, Steven D., Verstraete, Willy, and Top, Eva M. (2003). Effect of long-term herbicide applications on the bacterial community structure and function in an agricultural soil. *FEMS Microbiology Ecology* 46: 139-146.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Selim, H M (Retention and runoff losses of atrazine and metribuzin in soil. *Journal Of Environmental Quality* 32: 1058-1071.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Selim, H. M., Bengtson, R. L., Zhu, H., and Ricaud, R. (2000). Runoff Losses of Atrazine, Metribuzin, and Nutrients as Affected by Management Practices for Sugarcane. *Bull.No.875, Louisiana Agric.Exp.Stn., Baton Rouge, LA* 42 p.
Chem Codes: Chemical of Concern: ATZ,MBZ,DMM Rejection Code: NO SPECIES.
- Selim, H M, Zhou, L, and Zhu, H (Herbicide retention in soil as affected by sugarcane mulch residue. *Journal Of Environmental Quality* 32: 1445-1454.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Selim, H M and Zhu, H (Atrazine sorption-desorption hysteresis by sugarcane mulch residue. *Journal Of Environmental Quality* 34: 325-335.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Selim, H. M. and Zhu, H. (2005). Organic compounds in the environment: Atrazine sorption-desorption hysteresis by sugarcane mulch residue. *Journal of Environmental Quality*, 34 (1) pp. 325-335, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Seol, Y and Lee, L S (Coupled effects of treated effluent irrigation and wetting-drying cycles on transport of triazines through unsaturated soil columns. *Journal Of Environmental Quality* 30: 1644-1652.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Sepulveda, M. S. and Gross, T. S. (2003). Characterization of Atrazine Exposures and Potential Effects in Florida Ecosystems Dominated by Sugarcane Agriculture: A Reconnaissance Survey of Amphibians in South Florida for the Assessment of Potential Atrazine Effects. *Final Rep.UFL-02, Dep.of Physiol.Sci., Univ.of Florida, Caribbean Sci.Ctr., Gainesville, FL* 1-54.
Chem Codes: EcoReference No.: 78087
Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Sergeyev, T A, Matuschewski, H, Piletsky, S A, Bendig, J, Schedler, U, and Ulbricht, M (2001). Molecularly imprinted polymer membranes for substance-selective solid-phase extraction from water by surface photo-grafting polymerization. *Journal Of Chromatography* 907: 89-99.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Seybold, C., Mersie, W., and Delorem, D. (2001). Removal and degradation of atrazine and metolachlor by vegetative filter strips on clay loam soil. *Communications in Soil Science and Plant Analysis*, 32 (5-6) pp. 723-737, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Seybold, C. A., Mersie, W., McName, C., and Tierney, D. (1999). Release of Atrazine (14C) From Two Undisturbed Submerged Sediments Over a Two-Year Period. *J.Agric.Food Chem.* 47: 2156-2162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES/NO TOX DATA.
- Seybold, C A, Mersie, W, and McNamee, C (Anaerobic degradation of atrazine and metolachlor and metabolite formation in wetland soil and water microcosms. *Journal Of Environmental Quality* 30: 1271-1277.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Shafer, T. J., Ward, T. R., Meacham, C. A., and Cooper, R. L. (1999). Effects of the Chlorotriazine Herbicide, Cyanazine, on GABA A Receptors in Cortical Tissue from Rat Brain. *Toxicology* 142: 57-68.
Chem Codes: Chemical of Concern: ATZ,DCT,CZE Rejection Code: IN VITRO .
- Shao, Xue-Bin, Jiang, Xi-Kui, Zhu, Shi-Zheng, and Li, Zhan-Ting (2004). Strapped porphyrin rosettes based on the melamine-cyanuric acid motif. Self-assembly and supramolecular recognition. *Tetrahedron* 60: 9155-9162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Sharer, Michael, Park, Jeong-Hun, Voice, Thomas C, and Boyd, Stephen A (Aging effects on the sorption-desorption characteristics of anthropogenic organic compounds in soil. *Journal Of Environmental Quality* 32: 1385-1392.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Sharma, C. and Panneerselvam, N. (1987). Mutagenicity of Pesticides in Barley Progeny Test System. In: *18th Annu.Meet.of the Environ.Mutagen Soc., Apr.8-12, 1987, San Francisco, CA, Environ.Mutagen.* 9: 99 (ABS No.258).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: ABSTRACT.
- Shaw, A and Lin, Y (2001). Effects of laundering upon the removal of atrazine and metolachlor from cotton, cotton/polyester, and polyester fabrics treated with fluorochemical finishes. *Bulletin Of Environmental Contamination And Toxicology* 66: 319-325.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Shaw, Melanie and Muller, Jochen F. (Preliminary evaluation of the occurrence of herbicides and PAHs in the Wet Tropics region of the Great Barrier Reef, Australia, using passive samplers. *Marine Pollution Bulletin* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Shea, P. J., Machacek, T. A., and Comfort, S. D. (2004). Accelerated remediation of pesticide-contaminated soil with zerovalent iron. *Environmental Pollution* 132: 183-188.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Shelton, A. D. and Miller, M. C. (2002). Herbicide Bioconcentration in Cladophora glomerata: Atrazine Removal in a Eutrophic Agricultural River. *Hydrobiologia* 469: 157-164.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Sheng, G, Johnston, C T, Teppen, B J, and Boyd, S A (2001). Potential contributions of smectite clays and organic matter to pesticide retention in soils. *Journal Of Agricultural And Food Chemistry* 49: 2899-2907.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Shipitalo, Martin J and Owens, Lloyd B (2003). Atrazine, deethylatrazine, and deisopropylatrazine in surface runoff from conservation tilled watersheds. *Environmental Science & Technology* 37: 944-950.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Shirmunskaja, N. M. and Ioffe, G. S. (1975). Effect of Atrazine Herbicide on the Potassium Uptake of Barley Plant Roots. In: A.Barth, F.Jacob, and G.Feyerabend (Eds.), *Wirkungsmechanismen von Herbiziden und Synthetischen Wachstumsregulatoren, Wissenschaftliche Beitr.der Martin Luther Univ., Halle-Wittenberg, Germany* 110-114 (GER).
Chem Codes: EcoReference No.: 26649
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Shitanda, Isao, Takada, Kazutake, Sakai, Yasuyuki, and Tatsuma, Tetsu (2005). Compact amperometric algal biosensors for the evaluation of water toxicity. *Analytica Chimica Acta* 530: 191-197.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Shoji, Reo, Takeuchi, Toshifumi, and Kubo, Izumi (2003). Atrazine sensor based on molecularly imprinted polymer-modified gold electrode. *Analytical Chemistry* 75: 4882-4886.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Shrazi, M. A., Ratsch, H. C., and Peniston, B. E. (1992). The Distribution of Relative Error of Toxicity of Herbicides and Metals to Arabidopsis. *Environ.Toxicol.Chem.* 11: 237-243.
Chem Codes: Chemical of Concern: DMB,PCL,CuS,BMC,DBN,ACR,ATZ,MBZ Rejection Code: MODELING.
- Shrivastava, R, Ray, S, and Bagchi, S N (2001). Action of an algicide from a cyanobacterium, *Oscillatoria laetevirens*, on photosystem II. *Indian Journal Of Experimental Biology* 39: 1268-1273.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BIOLOGICAL TOXICANT.
- Silva, Elisabete, Fialho, Arsenio M, Sa-Correia, Isabel, Burns, Richard G, and Shaw, Liz J (2004). Combined bioaugmentation and biostimulation to cleanup soil contaminated with high concentrations of atrazine. *Environmental Science & Technology* 38: 632-637.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Singh, Neera, Megharaj, M., Kookana, Rai S., Naidu, Ravi, and Sethunathan, N. (2004). Atrazine and simazine degradation in Pennisetum rhizosphere. *Chemosphere* 56: 257-263.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Singh, Pooja, Suri, C R, and Cameotra, Swarnjit Singh (2004). Isolation of a member of *Acinetobacter* species involved in atrazine degradation. *Biochemical And Biophysical Research Communications* 317: 697-702.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Singh, U. D., Sethunathan, N., and Raghu, K. (1991). Fungal Degradation of Pesticides. In: D.K.Arora (Ed.), *Handbook of Applied Mycology, Chapter 19, Soil and Plants, Marcel Dekker Inc., NY* 1: 541-588.
Chem Codes: EcoReference No.: 70474
Chemical of Concern:
SZ,PNB,ATZ,PCP,DDT,AND,DLD,HPT,EN,CHD,ES,DZ,PRN,CBL,FRN,MLT,ADC,CBF,CLNB
Rejection Code: REFS CHECKED/REVIEW.
- Sirons, G. J., Frank, R., and Sawyer, T. (1973). Residues of Atrazine, Cyanazine, and Their Phytotoxic Metabolites in a Clay Loam. *J.Agric.Food Chem.* 21: 1016-1020.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Sivadjian, J. and Ricardo, C. P. (1965). Action of Atrazine (2-Chloro-4-Ethylamine-6-Isopropylamino-5-Triazine) on Foliar Transpiration. *Bull.Soc.Bot.F.* 112: 119-121 (FRE).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.

- Skark, Christian, Zullei-Seibert, Ninette, Willme, Uwe, Gatzemann, Ulrich, and Schlett, Claus (2004). Contribution of non-agricultural pesticides to pesticide load in surface water. *Pest Management Science* 60: 525-530.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Smalling, Kelly L and Aelion, C Marjorie (2004). Distribution of atrazine into three chemical fractions: impact of sediment depth and organic carbon content. *Environmental Toxicology And Chemistry / SETAC* 23: 1164-1171.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Smith, A. E., Grover, R., Emmond, G. S., and Korven, H. C. (1975). Persistence and Movement of Atrazine, Bromacil, Monuron, and Simazine in Intermittently-Filled Irrigation Ditches. *Can.J.Plant Sci.* 55: 809-816.
Chem Codes: Chemical of Concern: SZ,BMC,ATZ Rejection Code: NO SPECIES.
- Smith, A. E. and Wilkinson, R. E. (1973). Influence of Simazine and Atrazine on Free Fatty Acid Content in Isolated Chloroplasts. *Weed Sci.* 21: 57-60.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: IN VITRO.
- Smith, Daniel, Alvey, Sam, and Crowley, David E. (2005). Cooperative catabolic pathways within an atrazine-degrading enrichment culture isolated from soil. *FEMS Microbiology Ecology* 53: 265-273.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Smith, E., DuPreez, L., and Solomon, K. (2003). Field Exposure of *Xenopus laevis* to Atrazine and Other Triazines in South Africa: Exposure Characterization and Assessment of Laryngeal and Gonadal Responses. *Final Rep.SA-01B, Inst.of Environ.and Hum.Health, Texas Tech Univ., Lubbock, TX and Schl.of Environ.Sci.and Dev., Potchefstroom Univ.for CHE, Potchefstroom, South Africa* 91 p.
Chem Codes: EcoReference No.: 78084
Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Smith, E. E., DuPreez, L., and Solomon, K. (2003). Field Exposure of *Xenopus laevis* to Atrazine and Other Triazines in South Africa: Feasibility Study for Site Characterization and Assessment of Laryngeal and Gonadal Responses. *Final Rep.SA-01A, Inst.of Environ.and Hum.Health, Texas Tech Univ., Lubbock, TX and Schl.of Environ.Sci.and Dev., Potchefstroom Univ.for CHE, Potchefstroom, South Africa* 104 p.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE/NO DURATION.
- Smith, E. E., DuPreez, L., and Solomon, K. (2003). Gonadal and Laryngeal Responses to Field Exposures of *Xenopus laevis* to Atrazine in Areas of Corn Production in South Africa. *Final Rep.SA-01C, Inst.of Environ.and Hum.Health, Texas Tech.Univ., Lubbock, TX and Schl.of Environ.Sci.Dev., Potchefstroom Univ.for CHE, Potchefstroom, South Africa* 1-31.
Chem Codes: EcoReference No.: 78081
Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Smith, M Cade, Shaw, David R, Massey, Joseph H, Boyette, Michele, and Kingery, William (Using nonequilibrium thin-disc and batch equilibrium techniques to evaluate herbicide sorption. *Journal Of Environmental Quality* 32: 1393-1404.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Smith, R. J. Jr. (1991). Integration of Biological Control Agents with Chemical Pesticides. In: *D.O.Tebeest (Ed.), Microbial Control of Weeds, Routledge, Chapter 11, Chapman and Hall, NY* 189-208.
Chem Codes: EcoReference No.: 70607
Chemical of Concern: SZ,ATZ,DMB,PCZ Rejection Code: REFS CHECKED/REVIEW.
- Smucny, D A, Allison, D B, Ingram, D K, Roth, G S, Kemnitz, J W, Kohama, S G, Lane, M A, and Black, A (2004). Changes in blood chemistry and hematology variables during aging in captive rhesus macaques (*Macaca mulatta*). *J Med Primatol* 30:161-173, 2001. *Journal Of Medical Primatology* 33: 48-54.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Sohrabi, T. M., Shirmohammadi, A., and Montas, H. (2002). Uncertainty in Nonpoint Source Pollution Models and Associated Risks. *Environmental Forensics* 3: 179-189.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Solomon, K. R., Baker, D. B., Dixon, K. R., Giddings, J. M., Giesy, J. P., Hall, L. W. Jr., Klaine, S. J., La Point, T. W., Richards, R. P., Weisskopf, C. P., Williams, W. M., and Kendall, R. J. (1995). Ecological Risk Assessment of Atrazine in North American Surface Waters. *Rep.of the Atrazine Ecol.Risk Assess.Panel, Ciba Crop Prot., Greensboro, NC* 234 p.
Chem Codes: EcoReference No.: 65805
 Chemical of Concern: ATZ Rejection Code: PUBL AS.
- Sommer, G. and Stritesky, A. (1976). Determination of the Toxic Limits of Cadmium, Copper, Lead and Zinc by Pot Experiments with Respect to the Utilization of Wastes in Agriculture (Gefassversuche zur Ermittlung der Schadgrenzen von Cadmium, Kupfer, Blei und Zink im Hinblick auf den Einsatz von Abfallstoffen in der Landwirtschaft). *Landwirtsch.Forsch.* 29: 88-100 (GER) (ENG ABS).
Chem Codes: EcoReference No.: 71630
 Chemical of Concern: Cd,Cu,Pb,Zn,ATZ Rejection Code: NON-ENGLISH.
- Soong, Chee-Leong, Ogawa, Jun, Sakuradani, Eiji, and Shimizu, Sakayu (2002). Barbiturase, a novel zinc-containing amidohydrolase involved in oxidative pyrimidine metabolism. *The Journal Of Biological Chemistry* 277: 7051-7058.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Southwick, L M, Grigg, B C, Fouss, J L, and Kornecki, T S (2003). Atrazine and metolachlor in surface runoff under typical rainfall conditions in southern Louisiana. *Journal Of Agricultural And Food Chemistry* 51: 5355-5361.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Southwick, Lloyd M, Grigg, Brandon C, Kornecki, Ted S, and Fouss, James L (2002). Potential influence of sugarcane cultivation on estuarine water quality of Louisiana's gulf coast. *Journal Of Agricultural And Food Chemistry* 50: 4393-4399.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Spalding, Roy F, Exner, Mary E, Snow, Daniel D, Cassada, David A, Burbach, Mark E, and Monson, Stephen J (Herbicides in ground water beneath Nebraska's Management Systems Evaluation Area. *Journal Of Environmental Quality* 32: 92-99.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Spalding, Roy F, Watts, Darrell G, Snow, Daniel D, Cassada, David A, Exner, Mary E, and Schepers, James S (Herbicide loading to shallow ground water beneath Nebraska's Management Systems Evaluation Area. *Journal Of Environmental Quality* 32: 84-91.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Spandl, E., Rabaey, T. L., Kells, J. J., and Harvey, R. G. (1997). Application Timing for Weed Control in Corn (Zea mays) with Dicamba Tank Mixtures. *Weed Technol.* 11: 602-607.
Chem Codes: EcoReference No.: 73894
 Chemical of Concern: MTL,DMB,ATZ,ATC,NSF,ACR Rejection Code: MIXTURE.
- Spark, K. M. and Swift, R. S. (2002). Effect of soil composition and dissolved organic matter on pesticide sorption. *The Science of The Total Environment* 298: 147-161.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Spitz, Jean-Alexis, Derrien, Valerie, Baciou, Laura, and Sebban, Pierre (2005). Specific triazine resistance in

- bacterial reaction centers induced by a single mutation in the QA protein pocket. *Biochemistry* 44: 1338-1343.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Spitzer, K W, Skolnick, R L, Peercy, B E, Keener, J P, and Vaughan-Jones, R D (2002). Facilitation of intracellular H(+) ion mobility by CO(2)/HCO(3)(-) in rabbit ventricular myocytes is regulated by carbonic anhydrase. *The Journal Of Physiology* 541: 159-167.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Stamper, David M, Radosevich, Mark, Hallberg, Kevin B, Traina, Samuel J, and Tuovinen, Olli H (2002). *Ralstonia basillensis* M91-3, a denitrifying soil bacterium capable of using s-triazines as nitrogen sources. *Canadian Journal Of Microbiology* 48: 1089-1098.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Stanova, A. and Gaher, S. (1974). Herbicidal Activity of Atrazine Oil Dispersions Under Laboratory Conditions (Herbicidny Ucinok Olejovych Disperzii Atrazinu v Laboratornych Podmienkach i). *Agrochemia* 14: 308-310 (SLO).
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Steen, R J C A, Evers, E H G, Van Hattum, B, Cofino, W P, and Brinkman, U A Th (2002). Net fluxes of pesticides from the Scheldt Estuary into the North Sea: a model approach. *Environmental Pollution (Barking, Essex: 1987)* 116: 75-84.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Steen, R. J. C. A., van der Vaart, J., Hiep, M., Van Hattum, B., Cofino, W. P., and Brinkman, U. A. Th. (2001). Gross fluxes and estuarine behaviour of pesticides in the Scheldt Estuary (1995-1997). *Environmental Pollution* 115: 65-79.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Stefanovic, L. and Plesnicar, M. (1976). The Effect of Atrazine on Photosynthesis in Some Inbred Lines and Hybrids of Maize (Delovanje Atrazina na Fotosintezu Nekih Linija i Hibrida Kukuruzna). *Acta Bot.Croat.* 35: 77-85.
Chem Codes: EcoReference No.: 25917
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Stehouwer, R. C., Dick, W. A., and Traina, S. J. (1994). Sorption and Retention of Herbicides in Vertically Oriented Earthworm and Artificial Burrows. *J.Environ.Qual.* 23: 286-292.
Chem Codes: Chemical of Concern: ATZ,DMB Rejection Code: NO EFFECT.
- Steinheimer, T R and Scoggin, K D (2001). Fate and movement of atrazine, cyanazine, metolachlor and selected degradation products in water resources of the deep Loess Hills of Southwestern Iowa, USA. *Journal Of Environmental Monitoring: JEM* 3: 126-132.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Stephan, C. E., Mount, D. I., Hansen, D. J., Gentile, J. H., Chapman, G. A., and Brungs, W. A. (1985). Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, National Technical Information Services, Springfield, VA. *U.S.EPA* (PB85-227049).
Chem Codes: EcoReference No.: 54512
 Chemical of Concern: NYP,TBT,Cr,CN,As,ACL,ACE,ACY,ADC,NH,Al,Ag,Cd,Se,ATZ,DZ,Pb,Ni,Zn
Rejection Code: METHODS.
- Stewart, Iris T and Loague, Keith (Assessing ground water vulnerability with the type transfer function model in the San Joaquin Valley, California. *Journal Of Environmental Quality* 33: 1487-1498.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.

- Stock, D. and Holloway, P. J. (1993). Possible Mechanisms for Surfactant-Induced Foliar Uptake of Agrochemicals. *Pestic.Sci.* 38: 165-177.
Chem Codes: EcoReference No.: 80547
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Stoddard, C S, Grove, J H, Coyne, M S, and Thom, W O (Fertilizer, tillage, and dairy manure contributions to nitrate and herbicide leaching. *Journal Of Environmental Quality* 34: 1354-1362.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Stratton, G. W. (1987). The Effects of Pesticides and Heavy Metals Towards Phototrophic Microorganisms. In: *E.Hodgson (Ed.), Reviews in Environmental Toxicology 3, Elsevier Science Publishers* 71-147.
Chem Codes: EcoReference No.: 54566
 Chemical of Concern:
 SZ,Hg,Cu,Cd,Zn,Pb,Ni,Cr,AND,ATZ,HCCH,CNL,CHD,CPY,DDT,DLD,ES,HPT,PRN Rejection Code:
 REFS CHECKED/REVIEW.
- Stratton, G. W. and Corke, C. T. (1981). Interaction Between Acetone and Two Pesticides Towards Several Unicellular Green Algae. *Bull.Environ.Contam.Toxicol.* 27: 13-16.
Chem Codes: Chemical of Concern: ATZ,PMR Rejection Code: NO DURATION.
- Strong, Lisa C, Rosendahl, Charlotte, Johnson, Gilbert, Sadowsky, Michael J, and Wackett, Lawrence P (2002). *Arthrobacter aurescens* TC1 metabolizes diverse s-triazine ring compounds. *Applied And Environmental Microbiology* 68: 5973-5980.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Su, Y. H. and Zhu, Y. G. (2005). Influence of lead on atrazine uptake by rice (*Oryza sativa* L.) seedlings from nutrient solution. *Environmental Science and Pollution Research*, 12 (1) pp. 21-27, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MIXTURE.
- Su, Yu-Hong and Zhu, Yong-Guan (Bioconcentration of atrazine and chlorophenols into roots and shoots of rice seedlings. *Environmental Pollution* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Su, Yu-Hong, Zhu, Yong-Guan, and Du, Xin (2005). Co-uptake of atrazine and mercury by rice seedlings from water. *Pesticide Biochemistry and Physiology* 82: 226-232.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Suss, A. (1978). Behavior of Monolinuron (Aresin) and Atrazine (Gesaprim) in Field Trials (Verhalten von Monolinuron (Aresin) und Atrazin (Gesaprim) im Feldversuch). *Bayer.Landwirtsch.Jahrb.* 55: 565-570 (GER).
Chem Codes: Chemical of Concern: ATZ,LNR Rejection Code: NON-ENGLISH.
- Svobodova, Z., Piacka, V., Vykusova, B., Machova, J., Hejtmanek, M., Hrbkova, M., and Bastl, J. (1995). Residues of Pollutants in Siluriformes from Various Localities of the Czech Republic. *Acta Vet.Brno* 64: 195-208.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Swan, S. H., Kruse, R. L., Liu, F., Barr, D. B., Drobnis, E. Z., Redmon, J. B., Wang, C., Brazil, C., and Overstreet, J. W. (2003). Semen Quality in Relation to Biomarkers of Pesticide Exposure. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 111, no. 12, pp. 1478-1484. Sep 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Swann, C. W. and Buchholtz, K. P. (1966). Control and Carbohydrate Reserves of Quackgrass as Influenced by Uracil Herbicides. *Weed Sci.* 14: 103-105.
Chem Codes: Chemical of Concern: CNR,ATZ,BMC Rejection Code: MIXTURE.

- Sweeney, Bernard W, Bott, Thomas L, Jackson, John K, Kaplan, Louis A, Newbold, J Denis, Standley, Laurel J, Hession, W Cully, and Horwitz, Richard J (2004). Riparian deforestation, stream narrowing, and loss of stream ecosystem services. *Proceedings Of The National Academy Of Sciences Of The United States Of America* 101: 14132-14137.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Szigeti, Zoltan and Lehoczki, Endre (2003). A review of physiological and biochemical aspects of resistance to atrazine and paraquat in Hungarian weeds. *Pest Management Science* 59: 451-458.
Chem Codes: Chemical of Concern: ATZ Rejection Code: REVIEW.
- Tachikawa, M., Sawamura, R., and Okada, S. (1989). The Effects of Environmental Chemical Pollutants on Fish Gills. *Eisei Kagaku* 35: 397-407 (JPN) (ENG ABS).
Chem Codes: EcoReference No.: 69529
Chemical of Concern: PCP,DDT,DLD,EN,HPT,TXP,CBL,NAPH,PAH,PL,ATZ,TBT,NH,Cd,Cu,Hg,Zn
Rejection Code: REVIEW.
- Tajovsky, K. (1998). Test on the Millipede *Brachydesmus superus* Latzel 1884. In: *H.Lokke and C.A.M.Van Gestel (Eds.), Handbook of Soil Invertebrate Toxicity, John Wiley & Sons, NY* 197-206.
Chem Codes: EcoReference No.: 58935
Chemical of Concern: ATZ Rejection Code: METHODS/REFS CHECKED/REVIEW.
- Takeuchi, Toshifumi, Ugata, Satoshi, Masuda, Shuichi, Matsui, Jun, and Takase, Masayoshi (2004). Atrazine transformation using synthetic enzymes prepared by molecular imprinting. *Organic & Biomolecular Chemistry* 2: 2563-2566.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Talbert, R. E., Johnson, D. H., Smith, R. J., Guy, C. B., Beaty, J. D., Lavy, T. L., Horton, D. K., and Mattice, J. D. (1992). Response of Rice Following Herbicides Used on Corn, Cotton, Grain Sorghum and Soybeans. *Ark.Agric.Exp.Stn.Res.Ser.* 422: 65-68.
Chem Codes: Chemical of Concern: MTL,NFZ,IMQ,IZT,CMZ,ACR,TFN,ATZ Rejection Code: NO CONC.
- Tanchev, D. (1995). Investigation of the Herbicide Zeazine Doses in Sorghum Stands. *Rasteniev-D Nauki* 32: 156-159.
Chem Codes: EcoReference No.: 54720
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Tang, J., Siegfried, B. D., and Hoagland, K. D. (1998). Glutathione-S-Transferase and In Vitro Metabolism of Atrazine in Freshwater Algae. *Pestic Biochem Physiol* 59: 155-161.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO/METABOLISM.
- Tang, J., Siegfried, B. D., and Hoagland, K. D. (1996). Toxicity and Bioconcentration of Atrazine in Diatoms and Green-Algae. *Abstr.Pap.Am.Chem.Soc.* 211: 62 (ABS) (Publ As 19284).
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT/PUBL AS.
- Tanguy, Arnaud, Boutet, Isabelle, Laroche, Jean, and Moraga, Dario (2005). Molecular identification and expression study of differentially regulated genes in the Pacific oyster *Crassostrea gigas* in response to pesticide exposure. *FEBS J* 272: 390-403.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Taniguchi, T, Azuma, H, Okada, Y, Naiki, H, Hollenberg, M D, and Muramatsu, I (2001). Endothelin-1-endothelin receptor type A mediates closure of rat ductus arteriosus at birth. *The Journal Of Physiology* 537: 579-585.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO COC.
- Tao, Qing-Hui and Tang, Hong-Xiao (2004). Effect of dye compounds on the adsorption of atrazine by natural

- sediment. *Chemosphere* 56: 31-38.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Tappe, Wolfgang, Groeneweg, Joost, and Jantsch, Barbara (2002). Diffuse atrazine pollution in German aquifers. *Biodegradation* 13: 3-10.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Tayaputch, N. (1996). Present Aspects and Environmental Impacts of Pesticide Use in Thailand. *J.Pestic.Sci.* 21: 132-135 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA/SURVEY.
- Teasdale, J. R. (1993). Reduced-Herbicide Weed Management Systems for No-Tillage Corn (*Zea mays*) in a Hairy Vetch (*Vicia villosa*) Cover Crop. *Weed Technol.* 7: 879-883.
Chem Codes: EcoReference No.: 73895
 Chemical of Concern: MTL,ATZ,PQT,DMB,NHN Rejection Code: MIXTURE.
- ten Cate, Mattijs G J, Omerovicacute, , Merdan, Oshovsky, Gennady V, Crego-Calama, Mercedes, and Reinhoudt, David N (2005). Self-assembly and stability of double rosette nanostructures with biological functionalities. *Organic & Biomolecular Chemistry* 3: 3727-3733.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Thacker, E. J. (1971). Pesticide Metabolism in Animals. In: *Int.Symp.Identification and Measurement of Environmental Pollutants*, Campbell Printing, Ottawa 92-97 .
Chem Codes: EcoReference No.: 70610
 Chemical of Concern: CBL,ATZ,PPZ Rejection Code: REVIEW.
- Thibaut, R. and Porte, C. (2004). Effects of Endocrine Disrupters on Sex Steroid Synthesis and Metabolism Pathways in Fish. *J.Steroid Biochem.Mol.Biol.* 92: 485-494.
Chem Codes: Chemical of Concern: ATZ,NP,TBT,DDT,DU,VCZ Rejection Code : IN VITRO/METABOLISM.
- Thomas, P. E. L. (1996). The Effect of *Oxalis latifolia* Competition in Maize. *S.Afr.J.Plant Soil* 8: 132-135.
Chem Codes: EcoReference No.: 73770
 Chemical of Concern: MTL,ATZ,PAQT,GYP Rejection Code: MIXTURE.
- Thomas, Peter and Doughty, Kelly (2004). Disruption of rapid, nongenomic steroid actions by environmental chemicals: interference with progestin stimulation of sperm motility in Atlantic croaker. *Environmental Science & Technology* 38: 6328-6332.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Tierney, D. P., Christensen, B. R., DeSteno, F. M., and Newby, L. (1994). Atrazine Monitoring in Illinois Water Supply Reservoirs on Predominantly Agricultural Watersheds, 1993-94. *SETAC 15th Annu.Meet., Oct.30-Nov.3, 1994, Colorado Convention Ctr., Denver, CO* (ABS No. TH14).
Chem Codes: EcoReference No.: 67832
 Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Tierney, D. P., Nelson, P. A., and Christensen, B. R. (1994). Estimation of Atrazine Concentrations in the Great Lakes Over Time: Implications for Biological Effects. *SETAC 15th Annu.Meet., Oct.30-Nov.3, 1994, Colorado Convention Ctr., Denver, CO* 33 (ABS No. 178).
Chem Codes: EcoReference No.: 67833
 Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Topp, E., Zhu, H., Nour, S. M., Houot, S., Lewis, M., and Cuppels, D. (2000). Characterization of an Atrazine-Degrading *Pseudaminobacter* sp. Isolated from Canadian and French Agricultural Soils. *Appl.Environ.Microbiol.* 66: 2773-2782.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Tosato, M. L., Cesareo, D., Marchini, S., Passerini, L., and Pino, A. (1989). QSARs and Pesticides Design. In: *J.L.Fauchere (Ed.), Progress in Clinical and Biological Research, Volume 291, QSAR: Quantitative Structure-Activity Relationships in Drug Design, Alan R.Liss Inc., New York, NY* 417-420.
Chem Codes: Chemical of Concern: SZ,ATZ,PPZ Rejection Code: MODELING/QSAR.
- Touloupakis, E, Giannoudi, L, Piletsky, S A, Guzzella, L, Pozzoni, F, and Giardi, M T (2005). A multi-biosensor based on immobilized Photosystem II on screen-printed electrodes for the detection of herbicides in river water. *Biosensors & Bioelectronics* 20: 1984-1992.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Trammell, Scott A, Wang, Leyu, Zullo, Joseph M, Shashidhar, Ranganathan, and Lebedev, Nikolai (2004). Orientated binding of photosynthetic reaction centers on gold using Ni-NTA self-assembled monolayers. *Biosensors & Bioelectronics* 19: 1649-1655.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Triplett, G. B. Jr., Conner, B. J., and Edwards, W. M. (1978). Transport of Atrazine and Simazine in Runoff from Conventional and No-Tillage Corn. *J.Environ.Qual.* 7: 77-84.
Chem Codes: Chemical of Concern: ATZ,SZ Rejection Code: FATE.
- Trotter, D. M., Baril, A., Wong, M. P., and Kent, R. A. (1990). Canadian Water Quality Guidelines for Atrazine. *Sci.Ser.No.168, Environ.Can., Ottawa, Ontario.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Tschmelak, Jens, Proll, Guenther, and Gauglitz, Guenter (2004). Verification of performance with the automated direct optical TIRF immunosensor (River Analyser) in single and multi-analyte assays with real water samples. *Biosensors and Bioelectronics* 20: 743-752.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Tu, C. D., Grove, G., and Timmerman, K. P. (1990). Molecular Basis of Glutathione-S-Transferase-Mediated Atrazine Tolerance in *Z. mays* L. In: *J.D.Hayes, C.B.Pickett, and T.J.Mantle (Eds.), Glutathione S-Transferases and Drug Resistance, Taylor & Francis, London* 357-367.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Tudorache, Madalina, Rak, Mariusz, Wieczorek, Piotr P, Jonsson, Jan Ake, and Emneus, Jenny (2004). Immuno-SLM-a combined sample handling and analytical technique. *Journal Of Immunological Methods* 284: 107-118.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Turgut, C. and Fomin, A. (2002). The ability of *Myriophyllum aquaticum* (Vell.) Verdcourt in the uptake and the translocation of pesticides via roots with a view to using the plants in sediment toxicity testing. *Journal of Applied Botany*, 76 (1-2) pp. 62-65, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Turiel, Esther, Perez-Conde, Concepcion, and Martin-Esteban, Antonio (2003). Assessment of the cross-reactivity and binding sites characterisation of a propazine-imprinted polymer using the Langmuir-Freundlich isotherm. *The Analyst* 128: 137-141.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- U.S.Environmental Protection Agency (2003). White Paper on Potential Developmental Effects of Atrazine on Amphibians. *Gov.Rep.Announc.No.8* 95 p. (U.S.NTIS PB-2005-102108).
Chem Codes: EcoReference No.: 77831
Chemical of Concern: ATZ Rejection Code: REVIEW.

- U.S.EPA (1987). Permit Writer's Guide to Water Quality-Based Permitting for Toxic Pollutants. *EPA-440/4-87-005, National Technical Information Service, Springfield, VA.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- University of Mississippi (1990). Effects of Atrazine to *Selenastrum capricornutum*, *Lemna minor* and *Elodea canadensis*. *Rep.to Ciba-Geigy Corp., Greensboro, NC.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: NOT PURSUING.
- Urban, D., Odenkirchen, E., Frankenberry, M., Lin, J., and Rabert, W. (2001). Review of Atrazine PRA. *US EPA, Office of Pesticide Programs, Appendix XVII.* 1-39.
Chem Codes: EcoReference No.: 79295
 Chemical of Concern: ATZ Rejection Code: REVIEW.
- Urena-Amate, M. D., Socias-Viciano, M., Gonzalez-Pradas, E., and Saifi, M. (2005). Effects of ionic strength and temperature on adsorption of atrazine by a heat treated kerolite. *Chemosphere* 59: 69-74.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Utrobina, N. M. (1976). Einfluß von Ammoniakwasser auf den Bodentierbesatz unter Kartoffeln. *Pedobiol.Bd.(GER)* 16: 206-218 .
Chem Codes: EcoReference No.: 39805
 Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Va(acute)radi, G., Polya(acute)nka, H., Darko(acute) E(acute), and Lehoczki, E. (2003). Atrazine resistance entails a limited xanthophyll cycle activity, a lower PSII efficiency and an altered pattern of excess excitation dissipation. *Physiologia Plantarum*, 118 (1) pp. 47-56, 2003.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- van Beelen, Patrick, Verbruggen, Eric M. J., and Peijnenburg, Willie J. G. M. (2003). The evaluation of the equilibrium partitioning method using sensitivity distributions of species in water and soil. *Chemosphere* 52: 1153-1162.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Van den Brink, Paul J., Brown, Colin D., and Dubus, Igor G. (Using the expert model PERPEST to translate measured and predicted pesticide exposure data into ecological risks. *Ecological Modelling* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- van den Brink, Paul J, Roelsma, Jan, Van Nes, Egbert H, Scheffer, Marten, and Brock, Theo C M (2002). Perpest model, a case-based reasoning approach to predict ecological risks of pesticides. *Environmental Toxicology And Chemistry / SETAC* 21: 2500-2506.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Van der Merwe, D and Riviere, J E (2005). Comparative studies on the effects of water, ethanol and water/ethanol mixtures on chemical partitioning into porcine stratum corneum and silastic membrane. *Toxicology In Vitro: An International Journal Published In Association With BIBRA* 19: 69-77.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- van der Merwe, Deon and Riviere, Jim E (2005). Effect of vehicles and sodium lauryl sulphate on xenobiotic permeability and stratum corneum partitioning in porcine skin. *Toxicology* 206: 325-335.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Vancov, T, Jury, K, and Van Zwieten, L (2005). Atrazine degradation by encapsulated *Rhodococcus erythropolis* NI86/21. *Journal Of Applied Microbiology* 99: 767-775.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

- Vanderpoorten, A. (1999). Aquatic Bryophytes for a Spatio-temporal Monitoring of the Water Pollution of the Rivers Neuse and Sambre (Belgium). *Environ.Pollut.* 104: 401-410.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO DURATION/SURVEY.
- Vani, B., Pardha Saradhi, P., and Mohanty, Prasanna (2001). Alteration in chloroplast structure and thylakoid membrane composition due to in vivo heat treatment of rice seedlings: correlation with the functional changes. *Journal of Plant Physiology* 158: 583-592.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOXICANT.
- Vani, B, Saradhi, P P, and Mohanty, P (2001). Characterization of high temperature induced stress impairments in thylakoids of rice seedlings. *Indian Journal Of Biochemistry & Biophysics* 38: 220-229.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Vargha, Marta, Takats, Zoltan, and Marialigeti, Karoly (2005). Degradation of atrazine in a laboratory scale model system with Danube river sediment. *Water Research* 39: 1560-1568.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Vedler, Eve, Vahter, Merle, and Heinaru, Ain (2004). The completely sequenced plasmid pEST4011 contains a novel IncP1 backbone and a catabolic transposon harboring tfd genes for 2,4-dichlorophenoxyacetic acid degradation. *Journal Of Bacteriology* 186: 7161-7174.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Vedrine, Christophe, Leclerc, Jean-Claude, Durrieu, Claude, and Tran-Minh, Canh (2003). Optical whole-cell biosensor using *Chlorella vulgaris* designed for monitoring herbicides. *Biosensors & Bioelectronics* 18: 457-463.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Veesser, A. (1990). Light and Electron Microscopical Studies on the Toxicity of Atrazine on Rainbow Trout (*Oncorhynchus mykiss*) . *D.V.M., Ludwig-Maximilians Univ., Muenchen, Germany* 172 p. (GER) (ENG ABS) (Publ As 146).
Chem Codes: EcoReference No.: 9238
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH .
- Veleminsky, J. and Gichner, T. (1988). Mutagenic Activity of Promutagens in Plants: Indirect Evidence of Their Activation. *Mutat.Res.* 197: 221-242.
Chem Codes: EcoReference No.: 70766
Chemical of Concern: SZ,PAH,ATZ,BAP,VYL,CHD Rejection Code: REVIEW.
- Vellidis, G., Lowrance, R., Gay, P., and Wauchope, R. D. (2002). Herbicide transport in a restored riparian forest buffer system. *Transactions of the ASAE [Trans. ASAE]. Vol. 45, no. 1, pp. 89-97. Jan-Feb 2002.*
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Venkataiah, P., Christopher, T., and Karampuri, S. (2005). Selection of atrazine-resistant plants by in vitro mutagenesis in pepper (*Capsicum annuum*). *Plant Cell, Tissue and Organ Culture*, 83 (1) pp. 75-82, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Ventura, A, Jacquet, G, Bermond, A, and Camel, V (2002). Electrochemical generation of the Fenton's reagent: application to atrazine degradation. *Water Research* 36: 3517-3522.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Vera-Avila, Luz E, Vazquez-Lira, Juan C, Garcia de Llasera, Martha, and Covarrubias, Rosario (2005). Sol-gel immunosorbents doped with polyclonal antibodies for the selective extraction of malathion and triazines from aqueous samples. *Environmental Science & Technology* 39: 5421-5426.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.

- Verrin, S. M., Begg, S. J., Ross, P. S., and Department of Fisheries and Oceans Canada, Sidney, BC (Canada) Inst. Ocean. Sci. (2004). Pesticide use in British Columbia and the Yukon: an assessment of types, applications and risks to aquatic biota. *Can. Tech. Rep. Fish. Aquat. Sci./Rapp. Tech. Can. Sci. Halieut. Aquat. no.* 2517, 225 pp. 2004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Vizantinopoulos, S., Liapis, K., and Daris, B. (1994). Soil Residues of Triazine Herbicides Following Repeated Application in a Dry Greek Vineyard. *Ann.Inst.Phytopathol.Benaki* 17: 1-10.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: FATE.
- Vojinovic-Miloradov, M., Buzarov, D., Adamov, J., Simic, S., and Popovic, E. (1996). Determination of Polychlorinated Biphenyls and Polyaromatic Hydrocarbons in Frog Liver. *Water Sci.Technol.* 34: 153-156
Chem Codes: Chemical of Concern: PCB,PAH,ATZ,FA,DDT Rejection Code: NO DURATION/SURVEY.
- Volovskii, S. P. (1963). The Use of Simazine and Atrazine for the Control of Overgrowth of Drainage Canals. *Tr Zao Obra* 14: 87-90.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: NO SOURCE.
- Volovyk, O. H. and Einor, L. O. (1964). Effect of Simazine and Atrazine on the Enzymatic Transformation of Cytochrome C in Plants. *Ukr.Bot.Zh.* 21: 10-17 (UKR) (ENG ABS).
Chem Codes: EcoReference No.: 27773
Chemical of Concern: SZ,ATZ Rejection Code: NON-ENGLISH.
- Von Westernhagen, H. and Klumpp, D. W. (1995). Xenobiotics in Fish from Australian Tropical Coastal Waters, Including the Great Barrier Reef. *Mar.Pollut.Bull.* 30: 166-169.
Chem Codes: Chemical of Concern: ATZ,PCB Rejection Code: NO DURATION/SURVEY.
- Vonier, P. M., Crain, A. D., Mclachlan, J. A., Guillette, L. J. Jr., and Arnold, S. F. (1996). Interaction of Environmental Chemicals with the Estrogen and Progesterone Receptors from the Oviduct of the American Alligator. *Environ.Health Perspect.* 104: 1318-1322.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Wackett, L P, Sadowsky, M J, Martinez, B, and Shapir, N (2002). Biodegradation of atrazine and related s-triazine compounds: from enzymes to field studies. *Applied Microbiology And Biotechnology* 58: 39-45.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Wade, T. L., Sericano, J. L., Gardinali, P. R., Wolff, G., and Chambers, L. (1998). NOAA's 'Mussel Watch' Project: Current Use Organic Compounds in Bivalves. *Mar.Pollut.Bull.* 37: 20-26.
Chem Codes: Chemical of Concern: ACR,ATZ,HCB,CPY Rejection Code: NO DURATION/SURVEY.
- Waite, D. T., Bailey, P., Sproull, J. F., Quiring, D. V., Chau, D. F., Bailey, J., and Cessna, A. J. (2005). Atmospheric concentrations and dry and wet deposits of some herbicides currently used on the Canadian Prairies. *Chemosphere* 58: 693-703.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Walker, S. R., Taylor, I. N., Milne, G., Osten, V. A., Hoque, Z., and Farquharson, R. J. (2005). A survey of management and economic impact of weeds in dryland cotton cropping systems of subtropical Australia. *Australian Journal of Experimental Agriculture*, 45 (1) pp. 79-91, 2005 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Wallack, Rachel N. and Hope, Bruce K. (2002). Quantitative Consideration of Ecosystem Characteristics in an Ecological Risk Assessment: A Case Study. *Human and Ecological Risk Assessment* 8: 1805-1814.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.

- Walton, J. D. and Casida, J. E. (1995). Specific Binding of a Dichloroacetamide Herbicide Safener in Maize at a Site that also Binds Thiocarbamate and Chloroacetanilide Herbicides. *Plant Physiol.* 109: 213-219.
Chem Codes: Chemical of Concern: MLT,ATZ,MTL,ACR,ACO,EPTC,PCH,PEB,TBC Rejection Code: IN VITRO.
- Wang, Jinhua, Zhu, Lusheng, Wang, Jun, Sun, Ruilian, and Zhao, Bingqiang (2003). Effect of atrazine on urease activity in soils with different fertility. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 14: 2281-2284.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Wang, T, Li, Y, Shi, Y, Reboud, X, Darmency, H, and Gressel, J (2004). Low frequency transmission of a plastid-encoded trait in *Setaria italica*. *TAG. Theoretical And Applied Genetics. Theoretische Und Angewandte Genetik* 108: 315-320.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Wauchope, R. D. and Leonard, R. A. (1980). Maximum Pesticide Concentrations in Agricultural Runoff: A Semi-empirical Prediction Formula. *J.Environ.Qual.* 9: 665-672.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Weaver, M A, Zablotowicz, R M, and Locke, M A (2004). Laboratory assessment of atrazine and fluometuron degradation in soils from a constructed wetland. *Chemosphere* 57: 853-862.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Weaver, S. E. (2001). The biology of Canadian weeds. 115. *Conyza canadensis*. *Canadian Journal of Plant Science*, 81 (4) pp. 867-875, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Weber, J. B. (1977). The Pesticide Scorecard. Toxicological Effects, Biological Distributions, and the Fate of These Chemicals can be Quantified in a Simplified, Straightforward Manner. *Environ.Sci.Technol.* 11: 756-761.
Chem Codes: EcoReference No.: 19577
 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: FATE/REFS CHECKED/REVIEW.
- Webster, Eva, Mackay, Don, Di Guardo, Antonio, Kane, David, and Woodfine, David (2004). Regional differences in chemical fate model outcome. *Chemosphere* 55: 1361-1376.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Wegrzyn, T. (1971). Effect of Some Herbicides on *Azotobacter chroococcum*. *Acta Microbiol.Pol.Ser.B* 3: 131-134.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: BACTERIA.
- Wei, Hong, Li, Ke-bin, Tong, Shao-ping, and Liu, Wei-ping (2004). Reductive dechlorination of atrazine by Ni/Fe bimetallic particles. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 25: 154-157 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH .
- Wenger, K, Bigler, L, Suter, M J-F, Schonenberger, R, Gupta, S K, and Schulin, R (Effect of corn root exudates on the degradation of atrazine and its chlorinated metabolites in soils. *Journal Of Environmental Quality* 34: 2187-2196.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Wenzel, A., Nendza, M., Hartmann, P., and Kanne, R. (1997). Test Battery for the Assessment of Aquatic Toxicity. *Chemosphere* 35: 307-322.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Westerhoff, Paul, Yoon, Yeomin, Snyder, Shane, and Wert, Eric (2005). Fate of endocrine-disruptor, pharmaceutical, and personal care product chemicals during simulated drinking water treatment processes. *Environmental Science & Technology* 39: 6649-6663.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Weston, L. A. and Czarnota, M. A. (2001). Activity and persistence of sorgoleone, a long-chain hydroquinone produced by *Sorghum bicolor*. *Journal of Crop Production*, 4 (2) pp. 363-377, 2001.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Whitehead JA, Sistrunk SC, and Filipov NM (2004). Species, Strain, And Sex Influence On The Dopaminergic Toxicity Of The Herbicide Atrazine Ex Vivo. *Toxicologist* 2004 Mar;78(1-S):277.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Whittington, R A, Virag, L, Morishima, H O, and Vulliemoz, Y (2001). Dexmedetomidine decreases extracellular dopamine concentrations in the rat nucleus accumbens. *Brain Research* 919: 132-138.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO COC.
- Whyte, J. J., Jung, R. E., Schmitt, C. J., and Tillitt, D. E. (2000). Ethoxyresorufin-O-Deethylase (EROD) Activity in Fish as a Biomarker of Chemical Exposure. *Crit.Rev.Toxicol.* 30: 347-570.
Chem Codes: EcoReference No.: 70157
Chemical of Concern: PCB,PAH,TCDD,DXN,Cd,FA,Cu,DLD,ATZ,HM,ES,NYP,TBT Rejection Code: REVIEW.
- Wicks, G. A., Mahnken, G. W., and Hanson, G. E. (1995). Influence of Small Grain Crops on Weeds and Ecofallow Corn (*Zea mays*). *Weed Sci.* 43: 128-133.
Chem Codes: EcoReference No.: 74023
Chemical of Concern: MTL,GYP,LNR,24DXY,ATZ Rejection Code: MIXTURE.
- Wiegand, C., Krause, E., Steinberg, C., and Pflugmacher, S. (2000). Metabolism of the S-Triazine Herbicide Atrazine in Early Life Stages of the Zebrafish, *Danio rerio*. *Mar.Environ.Res.* 50: 73.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT/METABOLISM.
- Wilhelm, C., Conrad, R., Meitzler, L., and Muhlenweg, A. (1996). Combination of Solid Phase Extraction and a Microalgal Test System Based on Pulse-Amplitude Modulated Fluorescence to Detect Photosystem II Herbicides up to 0.05 µg l⁻¹. *J.Appl.Phycol.* 8: 171-173.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: EFFLUENT.
- Williams, Elizabeth H, Bsat, Nada, Bonnefoy, Nathalie, Butler, Christine A, and Fox, Thomas D (2005). Alteration of a novel dispensable mitochondrial ribosomal small-subunit protein, Rsm28p, allows translation of defective COX2 mRNAs. *Eukaryotic Cell* 4: 337-345.
Chem Codes: Chemical of Concern: ATZ Rejection Code: YEAST.
- Wing, R. E., Carr, M. E., Doane, W. M., and Schreiber, M. M. (1992). Starch Encapsulated Herbicide Formulations: Scale-Up and Laboratory Evaluations. In: L.E.Bode and D.G.Chasin (Eds.), *Pesticide Formulations and Applications Systems, ASTM STP 1112, Philadelphia, PA* 11: 41-47.
Chem Codes: Chemical of Concern: MTL,ATZ,ACR Rejection Code: NO SPECIES/NO TOX DATA.
- Winkler, S. (1969). Today's Stand on the Forest Pest Control Measures Against Insects with an Example of Such Against the Green Moth *Tortrix viridana* Lepidoptera Tortricidae (Über den Hentigen Stand der Forstlichen Bekämpfungsmassnahmen gegen Insektenschädlinge am Beispiel eines Einsatzes gegen den Grünen Eichenwickler (*Tortrix viridana*) (Lep., Tortricidae)). *Entomol.Z.* 79: 261-265 (GER).
Chem Codes: EcoReference No.: 46103
Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.

- Winterlin, W., Seiber, J. N., Craigmill, A., Baier, T., Woodrow, J., and Walker, G. (1989). Degradation of Pesticide Waste Taken from a Highly Contaminated Soil Evaporation Pit in California. *Arch.Environ.Contam.Toxicol.* 18: 734-747.
Chem Codes: Chemical of Concern: MLT,ATZ,CPY,DZ,DU,MLN,MP,PRN,TRB,TBC,TFN Rejection Code: NO SPECIES.
- Withgott, Jay (2002). Amphibian decline. Ubiquitous herbicide emasculates frogs. *Science* 296: 447-448.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT.
- Wolf, D. C. and Jackson, R. L. (1982). Atrazine Degradation, Sorption and Bioconcentration in Water Systems. *Publ.No.87,AK Water Resour.Res.Ctr.,Univ.of Arkansas,Fayetteville AR* 1-40.
Chem Codes : EcoReference No.: 79296
Chemical of Concern: ATZ Rejection Code: REVIEW.
- Wood, B. P., Gumbs, F., and Headley, J. V. (2005). Dissipation of atrazine and two N-dealkylated metabolites in soils of sugarcane plantations under field conditions in Barbados. *Communications in Soil Science and Plant Analysis*, 36 (4-6) pp. 783-794, 2005.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Wood, B. P., Gumbs, F., and Headley, J. V. (2005). Dissipation of Atrazine and Two N-Dealkylated Metabolites in Soils of Sugarcane Plantations Under Field Conditions in Barbados. *Commun.Soil Sci.Plant Anal.* 36: 783-794.
Chem Codes: Chemical of Concern: ATZ,DEATZ,DIATZ Rejection Code: FATE.
- Wood, Martin, Issa, Salah, Albuquerque, Miriam, and Johnson, Andrew C (2002). Spatial variability in herbicide degradation in the subsurface environment of a groundwater protection zone. *Pest Management Science* 58: 3-9.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Wortberg, M., Goodrow, M. H., Gee, S. J., and Hammock, B. D. (1996). Immunoassay for Simazine and Atrazine with Low Cross-Reactivity for Propazine. *J.Agric.Food Chem.* 44: 2210-2219.
Chem Codes: Chemical of Concern: SZ,ATZ,PPZ Rejection Code: IN VITRO.
- Wu, A-Qing, Guo, Guang-Hua, Zheng, Fa-Kun, Liu, Xi, Guo, Guo-Cong, and Huang, Jin-Shun (2005). The first cyanuric acid adduct incorporated with metal complex: a novel bi-layered structure constructed by hydrogen bonds. *Inorganic Chemistry Communications* 8: 182-185.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Wu, J., Robinson, R. A., and Simoneaux, B. (1998). Metabolism of Selected (s)-Triazines in Animals. In: *L.G.Ballantine, J.E.Mcfarland, and D.S.Hackett (Eds.), ACS Symp.Ser.683, Triazine Herbicides: Risk Assessment, Chapter 9, Mar.1996, New Orleans, LA, Am.Chem.Soc., Washington, D.C.* 95-103.
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: METABOLISM/REFS
CHECKED/REVIEW.
- Wu, T. L., Lambert, L., Hastings, D., and Banning, D. (1980). Enrichment of the Agricultural Herbicide Atrazine in the Microsurface Water of an Estuary. *Bull.Environ.Contam.Toxicol.* 24: 411-414.
Chem Codes: EcoReference No.: 67539
Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Wyss, A, Cordente, N, von Stockar, U, and Marison, I W (2004). A novel approach for the extraction of herbicides and pesticides from water using liquid-core microcapsules. *Biotechnology And Bioengineering* 87: 734-742.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Xiaozhen, Fan, Bo, Lu, and Aijun, Gong (2005). Dynamics of solar light photodegradation behavior of atrazine on

- soil surface. *Journal of Hazardous Materials* 117: 75-79.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Xu, F. L., Dawson, R. W., Tao, S., Li, B. G., and Cao, J. (2002). System-Level Responses of Lake Ecosystems to Chemical Stresses Using Energy and Structural Exergy as Ecological Indicators. *Chemosphere* 46: 173-185.
Chem Codes: EcoReference No.: 81425
 Chemical of Concern: ATZ,CBL,BFT,HXZ,PMR,PCP,Cu Rejection Code: MODELING/REVIEW.
- Xu, Fu-Liu, Dawson, R. W., Tao, Shu, Li, Ben-Gang, and Cao, Jun (2002). System-level responses of lake ecosystems to chemical stresses using exergy and structural exergy as ecological indicators. *Chemosphere* 46: 173-185.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Yaacoby, T., Schonfeld, M., and Rubin, B. (1985). Triazine-Resistant Grass Weeds and Their Response to Herbicides. *Phytoparasitica* 13: 232 (ABS).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: ABSTRACT.
- Yakovleva, Julia, Davidsson, Richard, Bengtsson, Martin, Laurell, Thomas, and Emneus, Jenny (2003). Microfluidic enzyme immunosensors with immobilised protein A and G using chemiluminescence detection. *Biosensors & Bioelectronics* 19: 21-34.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Yakovleva, Julia, Davidsson, Richard, Lobanova, Anna, Bengtsson, Martin, Eremin, Sergei, Laurell, Thomas, and Emneus, Jenny (2002). Microfluidic enzyme immunoassay using silicon microchip with immobilized antibodies and chemiluminescence detection. *Analytical Chemistry* 74: 2994-3004.
Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.
- Yamada, T., Ishige, T., Shiota, N., Inui, H., Ohkawa, H., and Ohkawa, Y. (2002). Enhancement of metabolizing herbicides in young tubers of transgenic potato plants with the rat CYP1A1 gene. *Theoretical and Applied Genetics*, 105 (4) pp. 515-520, 2002.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Yamasaki, Kanji, Sawaki, Masakuni, Noda, Shoji, Muroi, Takako, Takakura, Saori, Mitoma, Hideo, Sakamoto, Satoko, Nakai, Makoto, and Yakabe, Yoshikuni (2004). Comparison of the Hersherberger assay and androgen receptor binding assay of twelve chemicals. *Toxicology* 195: 177-186.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Yan, Deng-hua, He, Yan, and Wang, Hao (2005). Environmental characteristics of the atrazine in the waters in East Liaoh River Basin. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 26: 203-208.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Yang, Chun-Chieh, Prasher, Shiv O., Lacroix, Rene, and Kim, Seung Hyun (2003). A Multivariate Adaptive Regression Splines Model for Simulation of Pesticide Transport in Soils. *Biosystems Engineering* 86: 9-15.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Yang, Wei-chun, Liu, Wei-ping, Liu, Hui-jun, and Liu, Guang-shen (2003). Adsorption and correlation with their thermodynamic properties of triazine herbicides on soils. *Journal Of Environmental Sciences (China)* 15: 443-448.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Yang, Weichun, Gan, Jay J, Bondarenko, Svetlana, and Liu, Weiping (2004). Nucleophilic radical substitution reaction of triazine herbicides with polysulfides. *Journal Of Agricultural And Food Chemistry* 52: 7051-7055.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Yang, Yaning and Sheng, Guangyao (2003). Pesticide adsorptivity of aged particulate matter arising from crop residue burns. *Journal Of Agricultural And Food Chemistry* 51: 5047-5051.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ye, C, Lei, Z, Wang, X, Gong, A, and Zheng, H (2001). Multimedia environmental behavior of herbicide atrazine. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 22: 69-73.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON ENGLISH.
- Ye, C M, Gong, A J, Wang, X J, Zheng, H H, and Lei, Z F (2001). Distribution of atrazine in a crop-soil-groundwater system at Baiyangdian Lake area in China. *Journal Of Environmental Sciences (China)* 13: 148-152.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Ye, C M, Lei, Z F, Wang, X J, Gong, A J, and Zheng, H H (2001). Multimedia model of atrazine in plant-soil-groundwater system with a fugacity approach. *Journal Of Environmental Sciences (China)* 13: 466-471.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Yenish, J. P., Doll, J. D., and Buhler, D. D. (1992). Effects of Tillage on Vertical Distribution and Viability of Weed Seed in Soil. *Weed Sci.* 40: 429-433.
Chem Codes: EcoReference No.: 74031
Chemical of Concern: MTL,ATZ Rejection Code: MIXTURE.
- Ying, G G, Kookana, R S, and Mallavarpu, M (2005). Release behavior of triazine residues in stabilised contaminated soils. *Environmental Pollution (Barking, Essex: 1987)* 134: 71-77.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Yoo, J. Y. and Soloman, K. R. (1981). Persistence of Permethrin, Atrazine and Methoxychlor in a Natural Lake System. *Can.Tech.Rep.Fish.Aquat.Sci.* 1151: 164-167.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Yruela, I., Alfonso, M., Garcia-Rubio, I., Martinez, J. I., Picorel, R., and Alonso, P. J. (2001). Spin label electron paramagnetic resonance study in thylakoid membranes from a new herbicide-resistant D1 mutant from soybean cell cultures deficient in fatty acid desaturation. *Biochimica et Biophysica Acta (BBA) - Biomembranes* 1515: 55-63.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Zanin, G., Berti, A., and Giannini, M. (1992). Economics of Herbicide Use on Arable Crops in North-Central Italy. *Crop Prot.* 11: 174-180.
Chem Codes: Chemical of Concern: MTL,24DXY,ACR,ATZ,LNR Rejection Code: REFS
CHECKED/REVIEW.
- Zekovic, P. and Zogjani, A. (1976). Study of the Atrazine 40 Fp, Zoraniate 40 Fp and Amezine 5-47 Efficiency in the Weed Control in Kosovo Smonitza Maize (Proucavanje Efikasnosti Atrazina 40 Fp, Zoramate 40 Fp i Amezine S-47 u Suzbijanju Korova u Kukuruzu na Kosovskoj Smonici). *Agrohemija* 3/4: 113-115.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.
- Zeljenkova, D. and Vargova, M. (1996). Possible Estrogenic Effects of Some Herbicides. *In: 24th Conf.of the Eur.Teratol.Soc., Sept.2-5, 1996, Rome, Italy, Teratology* 53: 39A (ABS No.P57).
Chem Codes: Chemical of Concern: SZ,ATZ Rejection Code: ABSTRACT.
- Zeljezic, D and Garaj-Vrhovac, V (2004). Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay. *Neoplasma*

51: 198-203.

Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

Zeljezic, Davor and Garaj-Vrhovac, Vera (2002). Sister chromatid exchange and proliferative rate index in the longitudinal risk assessment of occupational exposure to pesticides. *Chemosphere* 46: 295-303.

Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.

Zeng, Kui, Hwang, Huey-Min, Zhang, Yi, and Cook, Sean (2004). Assessing cytotoxicity of photosensitized transformation products of 2,4,6-trinitrotoluene (TNT) and atrazine with freshwater microbial assemblages. *Environmental Toxicology* 19: 490-496.

Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.

Zhang, Jie-Peng, Lin, Yan-Yong, Zhang, Wei-Xiong, and Chen, Xiao-Ming (2005). Temperature- or Guest-Induced Drastic Single-Crystal-to-Single-Crystal Transformations of a Nanoporous Coordination Polymer. *Journal Of The American Chemical Society* 127: 14162-14163.

Chem Codes: Chemical of Concern: ATZ Rejection Code: CHEM METHODS.

Zhang, Qiong, Crittenden, John C., Shonnard, David, and Mihelcic, James R. (2003). Development and evaluation of an environmental multimedia fate model CHEMGL for the Great Lakes region. *Chemosphere* 50: 1377-1397.

Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.

Zhang, Xiaoxian and Ren, Li (2003). Lattice Boltzmann model for agrochemical transport in soils. *Journal Of Contaminant Hydrology* 67: 27-42.

Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.

Zhao, Shaohan, Arthur, Ellen L, and Coats, Joel R (2003). Influence of microbial inoculation (*Pseudomonas* sp. strain ADP), the enzyme atrazine chlorohydrolase, and vegetation on the degradation of atrazine and metolachlor in soil. *Journal Of Agricultural And Food Chemistry* 51: 3043-3048.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Zimmering, S., Mason, J. M., and Osgood, C. (1986). Current Status of Aneuploidy Testing in *Drosophila*. *Mutat.Res.* 167: 71-88.

Chem Codes: EcoReference No.: 70676

Chemical of Concern: SZ,DDT,Hg,ATZ,PCB,VYL,As,Cr Rejection Code: REFS CHECKED/REVIEW.

Zimmermann, S., Sures, B., and Taraschewski, H. (1999). Heavy Metal Accumulation in Fish Parasites Depending on Different Environmental Factors - A Contribution to the Role of Endoparasites as Bioindicators for the Aquatic Ecosystem (Schwermetallanreicherung in Fischparasiten in Abhängigkeit Verschiedener Umweltfaktoren - Ein Beitrag zum Einsatz von Endoparasiten als Bioindikatoren für den Aquatischen Lebensraum). In: J.Oehlmann and B.Markert (Eds.), *Ecotoxicology: Ecosystematic Evaluations and Methods (Oekotoxikologie: Oekosystemare Ansätze und Methoden)*, Ecomed, Landsberg (FRG) 335-340 (GER) (ENG ABS).

Chem Codes: EcoReference No.: 62463

Chemical of Concern: ATZ Rejection Code: NON-ENGLISH.

ATRAZINE UPDATE (Aug-Oct 2006)
Papers that Were Excluded from ECOTOX

- Baranowska, Irena, Barchanska, Hanna, and Pacak, Ewa (2006). Procedures of trophic chain samples preparation for determination of triazines by HPLC and metals by ICP-AES methods. *Environmental Pollution* 143: 206-211.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Bera, P., Prasher, S. O., Patel, R. M., Madani, A., Lacroix, R., Gaynor, J. D., Tan, C. S., and Kim, S. H. (2006). Application of MARS in simulating pesticide concentrations in soil. *Transactions of the American Society of Agricultural Engineers*, 49 (1) pp. 297-307, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Betancourt, Miguel, Resendiz, Alicia, and Fierro, Eduardo Casas y Reyna (Effect of two insecticides and two herbicides on the porcine sperm motility patterns using computer-assisted semen analysis (CASA) in vitro. *Reproductive Toxicology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.
- Binet, Francoise, Kersante, Anne, Munier-Lamy, Colette, Le Bayon, Renee-Claire, Belgly, Marie-Jose, and Shipitalo, Martin J. (2006). Lumbricid macrofauna alter atrazine mineralization and sorption in a silt loam soil. *Soil Biology and Biochemistry* 38: 1255-1263 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Boyer, Sebastien, Serandour, Julien, Lemperiere, Guy, Raveton, Muriel, and Ravanel, Patrick (Do herbicide treatments reduce the sensitivity of mosquito larvae to insecticides? *Chemosphere* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Breton, F., Euzet, P., Piletsky, S. A., Giardi, M. T., and Rouillon, R. (2006). Integration of photosynthetic biosensor with molecularly imprinted polymer-based solid phase extraction cartridge. *Analytica Chimica Acta* 569: 50-57 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Carafa, R., Marinov, D., Dueri, S., Wollgast, J., Ligthart, J., Canuti, E., Viaroli, P., and Zaldivar, J. M. (A 3D hydrodynamic fate and transport model for herbicides in Sacca di Goro coastal lagoon (Northern Adriatic). *Marine Pollution Bulletin* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING, FATE.
- Chefetz, Benny, Stimler, Keren, Shechter, Michal , and Drori, Yaron (2006). Interactions of sodium azide with triazine herbicides: Effect on sorption to soils. *Chemosphere* 65: 352-357.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Chu, W., Chan, K. H., and Graham, N. J. D. (2006). Enhancement of ozone oxidation and its associated processes in the presence of surfactant: Degradation of atrazine. *Chemosphere* 64: 931-936.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Cummins, C. M., Koivunen, M. E., Stephanian, A., Gee, S. J., Hammock, B. D., and Kennedy, I. M. (2006). Application of europium(III) chelate-dyed nanoparticle labels in a competitive atrazine fluoroimmunoassay on an ITO waveguide. *Biosensors and Bioelectronics* 21: 1077-1085.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- D'Agostino, G., Alberti, G., Biesuz, R., and Pesavento, M. (2006). Potentiometric sensor for atrazine based on a molecular imprinted membrane. *Biosensors and Bioelectronics* 22: 145-152.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Delphin, J. E. and Chapot, J. Y. (2006). Leaching of atrazine, metolachlor and diuron in the field in relation to their injection depth into a silt loam soil. *Chemosphere* 64: 1862-1869.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Gomez-Gutierrez, Anna I., Jover, Eric, Bodineau, Laurent, Albaiges, Joan, and Bayona, Josep M. (2006). Organic contaminant loads into the Western Mediterranean Sea: Estimate of Ebro River inputs. *Chemosphere* 65: 224-236.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Gonzalez-Barreiro, O., Rioboo, C., Herrero, C., and Cid, A. (Removal of triazine herbicides from freshwater systems using photosynthetic microorganisms. *Environmental Pollution* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Guardia Rubio, M., Banegas Font, V., Molina Di(acute)az, A., and AyoraCan(tilde)ada, M. J. (2006). Determination of triazine herbicides and diuron in mud from olive washing devices and soils using gas chromatography with selective detectors. *Analytical Letters*, 39 (4) pp. 835-850, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Guidarelli, Andrea, Fiorani, Mara, Tommasini, Ilaria, Cerioni, Liana, and Cantoni, Orazio (2006). Reduced mitochondrial formation of H₂O₂ is responsible for resistance of dimethyl sulfoxide differentiated U937 cells to peroxynitrite. *The International Journal of Biochemistry & Cell Biology* 38: 56-68.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Guzzella, Licia, Pozzoni, Fiorenzo, and Giuliano, Giuseppe (2006). Herbicide contamination of surficial groundwater in Northern Italy. *Environmental Pollution* 142: 344-353.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Henderson, K. L. D., Belden, J. B., Zhao, S., and Coats, J. R. (2006). Phytoremediation of pesticide wastes in soil. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 61 (3-4) pp. 213-221, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Herve(acute), C., Tonon, T., Colle(acute)n, J., Corre, E., and Boyen, C. (2006). NADPH oxidases in Eukaryotes: Red algae provide new hints! *Current Genetics*, 49 (3) pp. 190-204, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO EFFECT.
- Inoue, M., Oliveira, J. r. R, Regitano, J., Tormena, C., Constantin, J., and Tornisielo, V. (2006). Sorption-desorption of atrazine and diuron in soils from southern Brazil. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 605-621, 2006 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Jia, Yue, Wang, Rong, and Fane, Anthony G. (2006). Atrazine adsorption from aqueous solution using powdered activated carbon--Improved mass transfer by air bubbling agitation. *Chemical Engineering Journal* 116: 53-59.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Jiao, Bao-juan, Chen, San-ping, Zhao, Feng-qi, Hu, Rong-zu, and Gao, Sheng-li (A new high-nitrogen compound [Mn (ATZ)(H₂O)₄][middle dot]2H₂O: Synthesis and characterization. *Journal of Hazardous Materials* In Press, Accepted Manuscript.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Kalita, P. K., Algoazany, A. S., Mitchell, J. K. , Cooke, R. A. C., and Hirschi, M. C. (2006). Subsurface water quality from a flat tile-drained watershed in Illinois, USA. *Agriculture, Ecosystems & Environment* 115: 183-193.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Kolpin, Dana W., Thurman, E. Michael, Lee, Edward A., Meyer, Michael T., Furlong, Edward T., and Glassmeyer, Susan T. (2006). Urban contributions of glyphosate and its degradate AMPA to streams in the United States. *Science of The Total Environment* 354: 191-197.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.
- Konstantinou, Ioannis K., Hela, Dimitra G., and Albanis, Triantafyllos A. (2006). The status of pesticide pollution in surface waters (rivers and lakes) of Greece. Part I. Review on occurrence and levels. *Environmental Pollution* 141: 555-570.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY, REVIEW.
- Lapworth, D. J. and Goody, D. C. (Source and persistence of pesticides in a semi-confined chalk aquifer of southeast England. *Environmental Pollution* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Lavignac, Nathalie, Brain, Keith R., and Allender, Christopher J. (2006). Concentration dependent atrazine-atrazine complex formation promotes selectivity in atrazine imprinted polymers. *Biosensors and Bioelectronics* 22: 138-144.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Lemic, Jovan, Kovacevic, Divna, Tomasevic-Canovic, Magdalena, Kovacevic, Dragana, Stanic, Tanja, and Pfend, Robert (2006). Removal of atrazine, lindane and diazinone from water by organo-zeolites. *Water Research* 40: 1079-1085.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Letorme, Bertrand, Vanclooster, Marnik, Rounsevell, Mark D. A., and Bogaert, Patrick (2006). Discriminating between point and non-point sources of atrazine contamination of a sandy aquifer. *Science of The Total Environment* 362: 124-142.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Li, Aiqun, May, Matthew P., and Bigelow, James C. (2006). Identification of a metabolite of atrazine, N-ethyl-6-methoxy-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine, upon incubation with rat liver microsomes. *Journal of Chromatography B* 836: 129-132.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METABOLISM.
- Maldonado, M. I., Malato, S., Perez-Estrada, L. A., Gernjak, W., Oller, I., Domenech, Xavier, and Peral, Jose (Partial degradation of five pesticides and an industrial pollutant by ozonation in a pilot-plant scale reactor. *Journal of Hazardous Materials* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Malpass, G. R. P., Miwa, D. W., Machado, S. A. S., Olivi, P., and Motheo, A. J. (Oxidation of the pesticide atrazine at DSA(R) electrodes. *Journal of Hazardous Materials* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Martin-Laurent, F., Barre(grave)s, B., Wagschal, I., Piutti, S., Devers, M., Soulas, G., and Philippot, L. (2006). Impact of the maize rhizosphere on the genetic structure, the diversity and the atrazine-degrading gene composition of cultivable atrazine-degrading communities. *Plant and Soil*, 282 (1-2) pp. 99-115, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Mayon, Nicolas, Bertrand, Arnaud, Leroy, Delphine, Malbrouck, Christelle, Mandiki, S. N. M., Silvestre, Frederic, Goffart, Anne , Thome, Jean-Pierre, and Kestemont, Patrick (2006). Multiscale approach of fish responses to different types of environmental contaminations: A case study. *Science of The Total Environment* 367: 715-731.
Chem Codes: Chemical of Concern: ATZ Rejection Code: EFFLUENT.

- Mecozzi, Roberta, Di Palma, Luca, and Merli, Carlo (2006). Experimental in situ chemical peroxidation of atrazine in contaminated soil. *Chemosphere* 62: 1481-1489.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Mersie, W., Seybold, C. A., Wu, J., and McNamee, C. (2006). Atrazine and metolachlor sorption to switchgrass residues. *Communications in Soil Science and Plant Analysis*, 37 (3-4) pp. 465-472, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Meunier, Laurence, Canonica, Silvio, and von Gunten, Urs (2006). Implications of sequential use of UV and ozone for drinking water quality. *Water Research* 40: 1864-1876.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Mizota Kaori and Ueda Hiroshi (2006). Endocrine Disrupting Chemical Atrazine Causes Degranulation through G sub(q/11) Protein-Coupled Neurosteroid Receptor in Mast Cells. *Toxicological Sciences [Toxicol. Sci.]*. Vol. 90, no. 2, pp. 362-368. Apr 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Moreno, Jose L., Aliaga, Asuncion, Navarro, Simon, Hernandez, Teresa, and Garcia, Carlos (Effects of atrazine on microbial activity in semiarid soil. *Applied Soil Ecology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Murphy, M. B., Hecker, M., Coady, K. K., Tompsett, A. R., Higley, E. B., Jones, P. D., Du Preez, L. H., Solomon, K. R., Carr, J. A., Smith, E. E., Kendall, R. J., Van der Kraak, G., and Giesy, J. P. (2006). Plasma Steroid Hormone Concentrations, Aromatase Activities and GSI in Ranid Frogs Collected from Agricultural and Non-Agricultural Sites in Michigan (USA). *Aquat.Toxicol.* 77: 153-166.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Murphy, M. B., Hecker, M., Coady, K. K., Tompsett, A. R., Jones, P. D., Du Preez, L. H., Everson, G. J., Solomon, K. R., Carr, J. A., Smith, E. E., Kendall, R. J., Van der Kraak, G., and Giesy, J. P. (2006). Atrazine Concentrations, Gonadal Gross Morphology and Histology in Ranid Frogs Collected in Michigan Agricultural Areas. *Aquat.Toxicol.* 76: 230-245.
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Neitsch, Susan L., McInnes, Kevin J., Senseman, Scott A., White, G. Norman, and Simanek, Eric E. (2006). Melamine-based organoclay to sequester atrazine. *Chemosphere* 64: 704-710.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Ottinger, M. A., Lavoie, E., Thompson, N., Whitehouse, K., Barton, M., Abdelnabi, M., McKernan, M., Pollack, S., and Quinn, M. Jr. (2006). Comparative Effects of Estrogenic, Androgenic Endocrine Disruptors, and Atrazine on Behavior and Neuroendocrine Systems in Quail: Abstracts of the Sixth International Congress of Neuroendocrinology. *Frontiers Neuroendocrinol.* 27: 23.
Chem Codes: Chemical of Concern: ATZ,DDT Rejection Code: ABSTRACT.
- Popov, V. H., Cornish, P. S., and Sun, H. (2006). Vegetated biofilters: The relative importance of infiltration and adsorption in reducing loads of water-soluble herbicides in agricultural runoff. *Agriculture, Ecosystems & Environment* 114: 351-359.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Roberge, M., Hakk, H., and Larsen, G. (2004). Atrazine is a Competitive Inhibitor of Phosphodiesterase but does not Affect the Estrogen Receptor. *Toxicol.Lett.* 154: 61-68.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SPECIES.
- Roberge, Mark T., Hakk, Heldur, and Larsen, Gerald (2006). Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates. *Food and Chemical Toxicology* 44: 885-890.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.

- Rodriguez-Cruz, M., Sanchez-Martín, M., Andrades, M., and Sanchez-Camazano, M. (2006). Comparison of pesticide sorption by physicochemically modified soils with natural soils as a function of soil properties and pesticide hydrophobicity. *Soil and Sediment Contamination*, 15 (4) pp. 401-415, 2006.
Chem Codes : Chemical of Concern: ATZ Rejection Code: FATE.
- Rodriguez-Cruz, M. S., Sanchez-Martin, M. J., Andrades, M. S., and Sanchez-Camazano, M. (Modification of clay barriers with a cationic surfactant to improve the retention of pesticides in soils. *Journal of Hazardous Materials* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Ros, M., Goberna, M., Moreno, J. L., Hernandez, T., Garcia, C., Insam, H., and Pascual, J. A. (Molecular and physiological bacterial diversity of a semi-arid soil contaminated with different levels of formulated atrazine. *Applied Soil Ecology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: BACTERIA.
- Schoeny Rita, Haber Lynne, and Dourson Michael (2006). Data considerations for regulation of water contaminants. *Toxicology [Toxicology]*. Vol. 221, no. 2-3, pp. 217-224. 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Shin, Kyeong-Sik, Kim, Young-Hwan, Min, Jung-Ah, Kwak, Seung-Min, Kim, Sang Kyung, Yang, Eun Gyeong, Park, Jung-Ho, Ju, Byeong-Kwon, Kim, Tae-Song, and Kang, Ji Yoon (2006). Miniaturized fluorescence detection chip for capillary electrophoresis immunoassay of agricultural herbicide atrazine: Instrumental Methods of Analysis -IMA 2005 - Instrumental Methods of Analysis -IMA 2005. *Analytica Chimica Acta* 573-574: 164-171.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Sims, G. K. (2006). Nitrogen starvation promotes biodegradation of N-heterocyclic compounds in soil. *Soil Biology and Biochemistry* 38: 2478-2480.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Smalling, Kelly L. and Aelion, C. Marjorie (Reply to Comments on "Biological and chemical transformation of atrazine in coastal aquatic sediments" by C. Marjorie Aelion and Kelly Smalling. *Chemosphere* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: ABSTRACT, NO SOURCE.
- Su, Yu-Hong, Zhu, Yong-Guan, Lin, Ai-Jun, and Zhang, Xu-Hong (Effects of exposure time and co-existing organic compounds on uptake of atrazine from nutrient solution by rice seedlings (*Oryza sativa* L.). *Journal of Hazardous Materials* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Sulmon, C., Gouesbet, G., El Amrani, A., and Coue, I. (2006). Sugar-induced tolerance to the herbicide atrazine in *Arabidopsis* seedlings involves activation of oxidative and xenobiotic stress responses. *Plant Cell Reports*, 25 (5) pp. 489-498, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO EFFECT.
- Sulmon, Cecile, Gouesbet, Gwenola, Binet, Françoise, Martin-Laurent, Fabrice, El Amrani, Abdelhak, and Coue, Ivan (Sucrose amendment enhances phytoaccumulation of the herbicide atrazine in *Arabidopsis thaliana*. *Environmental Pollution* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Sun, Hui and Fung, Yingsing (2006). Piezoelectric quartz crystal sensor for rapid analysis of pirimicarb residues using molecularly imprinted polymers as recognition elements: Asianalysis VIII - Papers presented at the 8th Asian Conference on Analytical Chemistry (Asianalysis VIII, Taipei, Taiwan, 16-20 October 2005. *Analytica Chimica Acta* 576: 67-76.

- Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Suszter, G., Ambrus A(acute), Turcu, M., and Klaus, P. (2006). Estimation of efficiency of processing soil samples for pesticide residues analysis. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 531-552, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.
- Takahagi, T., Ikezawa, N., Endo, T., Ifuku, K., Yamamoto, Y., Kinoshita, Y., Takeshita, S., and Sato, F. (2006). Inhibition of PSII in atrazine-tolerant tobacco cells by barbatic acid, a lichen-derived depside. *Bioscience, Biotechnology and Biochemistry*, 70 (1) pp. 266-268, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: IN VITRO.
- Tanguy, Arnaud, Boutet, Isabelle, Boudry, Pierre , Degremont, Lionel, Laroche, Jean, and Moraga, Dario (Molecular identification and expression of the phosphoglucumutase (PGM) gene from the Pacific oyster *Crassostrea gigas*. *Gene* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Tesfamichael, Aklilu A. and Kaluarachchi, Jagath J. (2006). A methodology to assess the risk of an existing pesticide and potential future pesticides for regulatory decision-making. *Environmental Science & Policy* 9: 275-290.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO TOX DATA.
- Thurman, E. Michael ("Does atrazine transform to propazine in aquatic sediments?": Comment on "Biological and chemical transformations of atrazine in coastal aquatic sediments" by Kelly L. Smalling and C. Marjorie Aelion [*Chemosphere* 62 (2006) 188-196]. *Chemosphere* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Tsui, Lo and Roy, William R. (Effect of compost age and composition on the atrazine removal from solution. *Journal of Hazardous Materials* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Tyess, D. L., Shea, P. J., and Parkhurst, A. M. (2006). Mineralization potential of atrazine and degradation intermediates from clustered characteristics in inoculated soils. *Soil and Sediment Contamination*, 15 (1) pp. 87-102, 2006.
Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.
- Van den Brink, Paul J., Brown, Colin D., and Dubus, Igor G. (2006). Using the expert model PERPEST to translate measured and predicted pesticide exposure data into ecological risks: Selected Papers from the Fourth International Workshop on Environmental Applications of Machine Learning, September 27 - October 1, 2004, Bled, Slovenia. *Ecological Modelling* 191: 106-117.
Chem Codes: Chemical of Concern: ATZ Rejection Code: MODELING.
- Wan, M., Kuo, J. N., McPherson, B., and Pasternak, J. (2006). Agricultural pesticide residues in farm ditches of the lower fraser valley, British Columbia, Canada. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 647-669, 2006 .
Chem Codes: Chemical of Concern: ATZ Rejection Code: SURVEY.
- Weiner, Jeannette A., DeLorenzo, Marie E., and Fulton, Michael H. (Atrazine induced species-specific alterations in the subcellular content of microalgal cells. *Pesticide Biochemistry and Physiology* In Press, Corrected Proof.
Chem Codes: Chemical of Concern: ATZ Rejection Code: NO SOURCE.
- Wyss, Anne, Boucher, Julien, Montero, Alexandro, and Marison, Ian (Micro-encapsulated organic phase for enhanced bioremediation of hydrophobic organic pollutants. *Enzyme and Microbial Technology* In Press, Corrected Proof.

Chem Codes: Chemical of Concern: ATZ Rejection Code: FATE.

Zarpon, Lilian, Abate, Gilberto, Santos, Luciana B. O. dos, and Masini, Jorge C. (Montmorillonite as an adsorbent for extraction and concentration of atrazine, propazine, deethylatrazine, deisopropylatrazine and hydroxyatrazine. *Analytica Chimica Acta* In Press, Corrected Proof.

Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.

Zeljezic Davor, Garaj-Vrhovac Vera, and Perkovic Petra (2006). Evaluation of DNA damage induced by atrazine and atrazine-based herbicide in human lymphocytes in vitro using a comet and DNA diffusion assay. *Toxicology In Vitro [Toxicol. In Vitro]. Vol. 20, no. 6, pp. 923-935. Sep 2006.*

Chem Codes: Chemical of Concern: ATZ Rejection Code: HUMAN HEALTH.

Zimmermann, K., Heck, M., Frank, J., Kern, J., Vass, I., and Zouni, A. (2006). Herbicide binding and thermal stability of photosystem II isolated from *Thermosynechococcus elongatus*. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* 1757: 106-114.

Chem Codes: Chemical of Concern: ATZ Rejection Code: METHODS.

ATRAZINE UPDATE (Oct 2006 - May 2007)
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

Alvarez, M. C. (2005). Significance of Environmentally Realistic Levels of Selected Contaminants to Ecological Performance of Fish Larvae: Effects of Atrazine, Malathion, and Methylmercury. *Ph.D.Thesis, Univ.of Texas, Austin, TX* 141 p.

EcoReference No.: 81672

Chemical of Concern: ATZ,MLN; Habitat: A; Effect Codes: BEH,GRO,PHY; Rejection Code:

Behavioral and oxygen consumption endpoints cannot be quantitatively linked to the selected assessment endpoints.

Betancourt, M., Resendiz, A., and Fierro, E. C. R. (2006). Effect of Two Insecticides and Two Herbicides on the Porcine Sperm Motility Patterns Using Computer-Assisted Semen Analysis (CASA) In Vitro. *Reprod.Toxicol.* 22: 508-512.

EcoReference No.: 88387

Chemical of Concern: ATZ,DZ,MLN,FNPE; Habitat: T; Effect Codes: MOR,PHY; Rejection Code:

Terrestrial porcine endpoints were not considered for this assessment.

Binet, F., Kersante, A., Munier-Lamy, C., Le Bayon, R.-C., Belgy, M.-J., and Shipitalo, M. J. (2006). Lumbricid Macrofauna Alter Atrazine Mineralization and Sorption in a Silt Loam Soil. *Soil Biol.Biochem.* 38: 1255-1263.

EcoReference No.: 87337

Chemical of Concern: ATZ; Habitat: T; Effect Codes: POP,MOR,ACC,SYS; Rejection Code:

Oligochaete respiration endpoints cannot be quantitatively linked to the selected assessment endpoints.

Bionetics Research Laboratories Inc. (1968). Evaluation of Carcinogenic, Teratogenic, and Mutagenic Activities of Selected Pesticides and Industrial Chemicals. Volume I. Carcinogenic Study. *Natl.Cancer Inst., NTIS PB-* 223 159 393 p.

EcoReference No.: 89569

Chemical of Concern: PPB,PPZ,Captan,CBL,DU,THM,24DXY,DDT,ATZ,AMTL,Nabam; Habitat: T;

Effect Codes: MOR,REP,GRO; Rejection Code: Less sensitive endpoint.

- Bionetics Research Laboratories Inc. (1968). Evaluation of Carcinogenic, Teratogenic, and Mutagenic Selected Pesticides and Industrial Chemicals. Vol II. Teratogenic Study in Mice and Rats. *Natl.Cancer Inst., NTIS PB-223 160* 150 p.
EcoReference No.: 91379
Chemical of Concern:
PPZ,Captan,PPB,24DXY,CBL,DU,THM,PNB,DDT,ATZ,Nabam,Folpet,ETU,PNB,MTAS; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: **Less sensitive endpoint.**
- Caseley, J. C. and Eno, C. F. (1966). Survival and Reproduction of Two Species of Earthworms and a Rotifer Following Herbicide Treatments. *Soil Sci.Soc.Proc.* 30: 346-350.
EcoReference No.: 48065
Chemical of Concern: PQT,EDT,DU,BMC,AMTL,ATZ; Habitat: T; Effect Codes: MOR,POP; Rejection Code: **Earthworm endpoints were not considered for this assessment.**
- Downing, H. F., DeLorenzo, M. E., Fulton, M. H., Scott, G. I., Madden, C. J., and Kucklick, J. R. (2004). Effects of the Agricultural Pesticides Atrazine, Chlorothalonil, and Endosulfan on South Florida Microbial Assemblages. *Ecotoxicology* 13: 245-260.
EcoReference No.: 88194
Chemical of Concern: ATZ,CTN,ES; Habitat: A; Effect Codes: SYS,POP,PHY,BCM; Rejection Code: **Microbial endpoints were not considered for this assessment.**
- Edgington, A. N. and Rouleau, C. (2005). Toxicokinetics of 14C-Atrazine and Its Metabolites in Stage-66 *Xenopus laevis*. *Environ.Sci.Technol.* 39: 8083-8089.
EcoReference No.: 87169
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,GRO; Rejection Code: **BCF study.**
- Enoch, R. R., Stanko, J. P., Greiner, S. N., Youngblood, G. L., Rayner, J. L., and Fenton, S. E. (2007). Mammary Gland Development as a Sensitive End Point after Acute Prenatal Exposure to an Atrazine Metabolite Mixture in Female Long-Evans Rats. *Environ.Health Perspect.* 115: 541-547.
EcoReference No.: 90440
Chemical of Concern: ATZ,DEATZ,DIATZ,DT; Habitat: T; Effect Codes: GRO,CEL,PHY,BCM; Rejection Code: **Less sensitive endpoint.**
- Fort, D. J., Rogers, R. L., Copley, H. F., Bruning, L. A., Stover, E. L., Helgen, J. C., and Burkhart, J. G. (1999). Progress Toward Identifying Causes of Maldevelopment Induced in *Xenopus* by Pond Water and Sediment Extracts From Minnesota, USA. *Environ.Toxicol.Chem.* 18: 2316-2324.
EcoReference No.: 89641
Chemical of Concern: ADC,DPA,DIATZ,Maneb,PMR,NiCl; Habitat: A; Effect Codes: MOR,GRO,CEL,PHY; Rejection Code: **Less sensitive endpoint.**
- Gautam, D. R., Sharma, N. K., and Chauhan, J. S. (1984). Herbicides and Nematode Control in Peach Nurseries. *Pesticides* 18: 11-12.
EcoReference No.: 90516
Chemical of Concern: ATZ,TRB,SZ,BMC,DU; Habitat: T; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Gonzalez-Barreiro, O., Rioboo, C., Herrero, C., and Cid, A. (2006). Removal of Triazine Herbicides from Freshwater Systems Using Photosynthetic Microorganisms. *Environ.Pollut.* 144: 266-271.
EcoReference No.: 89628
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC,POP,MOR; Rejection Code: **Less sensitive endpoint.**
- Guasch, H., Lehmann, V., Van Beusekom, B., Sabater, S., and Admiraal, W. (2007). Influence of Phosphate on the Response of Periphyton to Atrazine Exposure. *Arch.Environ.Contam.Toxicol.* 52: 32-37.
EcoReference No.: 89629

- Chemical of Concern: ATZ; Habitat: A; Effect Codes: POP,PHY,BCM; Rejection Code: **Less sensitive endpoint.**
- Hasegawa, R. and Ito, N. (1992). Liver Medium-Term Bioassay in Rats for Screening of Carcinogenesis and Modifying Factors in Hepatocarcinogenesis. *Food Chem.Toxicol.* 30: 979-992.
EcoReference No.: 75839
Chemical of Concern:
TDF,VCZ,PCZ,NaPP,TFN,ILL,PL,PSM,EFV,GYP,PMR,DDT,FNV,Folpet,DM,DCNA,BMY,CYP,DMZ,ACR,AND,ATZ,MLN; Habitat: T; Effect Codes: CEL; Rejection Code: **Less sensitive endpoint.**
- Hohnberg, D. B., Ralph, P. J., and Jones, H. A. (2003). Toxicity of the Herbicide Atrazine at Environmental Concentrations to *Vallisneria spiralis*, Assessed Using Chlorophyll Fluorescence. *Australas.J.Ecotoxicol.* 9: 93-100.
EcoReference No.: 89632
Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY; Rejection Code: **Photosystem II electron transport fluorescence endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Kratky, B. A. and Warren, G. F. (1971). A Rapid Bioassay for Photosynthetic and Respiratory Inhibitors. *Weed Sci.* 19: 658-661.
EcoReference No.: 90523
Chemical of Concern: BMC,PPN,ATZ,TRB,LNY,NaN₃; Habitat: AT; Effect Codes: MOR,POP,PHY; Rejection Code: **Less sensitive endpoint.**
- Lawton, J. C., Pennington, P. L., Chung, K. W., and Scott, G. I. (2006). Toxicity of Atrazine to the Juvenile Hard Clam, *Mercenaria mercenaria*. *Ecotoxicol.Environ.Saf.* 65: 388-394.
EcoReference No.: 89627
Chemical of Concern: ATZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: **Less sensitive endpoint. Saltwater clam endpoints were not considered for this assessment**
- Legrand, H., Herlory, O., Guarini, J.-M., Blanchard, G. F., and Richard, P. (2006). Inhibition of Microphytobenthic Photosynthesis by the Herbicides Atrazine and Diuron. *Cah.Biol.Mar.* 47: 39-45.
EcoReference No.: 89249
Chemical of Concern: ATZ,DU; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: **Less sensitive endpoint. Saltwater clam endpoints were not considered for this assessment**
- Londono, D. K. (2005). Biochemical and Molecular Effects of Atrazine Exposure in *Chironomus tentans* and *Pimephales promelas*. *Ph.D.Thesis, Univ.of Nebraska, Lincoln, NE* 99 p.
EcoReference No.: 90113
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: **Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**
- Lynch, T. R., Johnson, H. E., and Adams, W. J. (1982). The Fate of Atrazine and a Hexachlorobiphenyl Isomer in Naturally-Derived Model Stream Ecosystems. *Environ.Toxicol.Chem.* 1: 179-192.
EcoReference No.: 15037
Chemical of Concern: ATZ,PCB; Habitat: A; Effect Codes: ACC; Rejection Code: **BCF study.**
- Matsushita, S., Yamashita, J., Iwasawa, T., Tomita, T., and Ikeda, M. (2006). Effects of In Ovo Exposure to Imazalil and Atrazine on Sexual Differentiation in Chick Gonads. *Poult.Sci.* 85: 1641-1647.
EcoReference No.: 87580
Chemical of Concern: ILL,ATZ; Habitat: T; Effect Codes: MOR,BCM,REP,PHY,POP,CEL; Rejection Code: **Route of exposure not relevant for this assessment.**
- Nicolau, G. Y. (1984). Environmental Chronopathology: Circadian Dyschronism as Early Indicator of Toxicity in Chronic Pesticide Exposure. *E.Haus and H.F.Kabat (Eds.), Chronobiology 1982-1983, S.Karger, Basel, Switzerland* 379-389.
EcoReference No.: 90486

- Chemical of Concern: AMTL,TCF,DDVP,ATZ,ACR,24DXY,MZB; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: **Less sensitive endpoint.**
- Olmstead, A. W. and LeBlanc, G. A. (2003). Insecticidal Juvenile Hormone Analogs Stimulate the Production of Male Offspring in the Crustacean *Daphnia magna*. *Environ.Health Perspect.* 111: 919-924.
EcoReference No.: 85950
Chemical of Concern: ATZ,PYX,FRM,PCP,ETHN,MTPN; Habitat: A; Effect Codes: REP,POP,MOR; Rejection Code: **Less sensitive endpoint.**
- Pandey, A. K. (1999). Evaluation of Pesticides for Possible Mutagenesis in the Cyanobacterium *Nostoc calcicola*. *Indian J.Environ.Health* 41: 1-5.
EcoReference No.: 89877
Chemical of Concern: MLN,DU,24DXYEE,PCH,ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: **Less sensitive endpoint.**
- Pizl, V. (1988). Interactions Between Earthworms and Herbicides. I. Toxicity of Some Herbicides to Earthworms in Laboratory Tests. *Pedobiologia* 32: 227-232.
EcoReference No.: 53203
Chemical of Concern: BMN,BT,ATZ; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: **Earthworm endpoints were not considered for this assessment.**
- Rakotondravelo, M. L., Anderson, T. D., Charlton, R. E., and Zhu, K. Y. (2006). Sublethal Effects of Three Pesticides on Larval Survivorship, Growth, and Macromolecule Production in the Aquatic Midge, *Chironomus tentans* (Diptera: Chironomidae). *Arch.Environ.Contam.Toxicol.* 51: 352-359.
EcoReference No.: 89548
Chemical of Concern: ATZ,DDT,CPY; Habitat: A; Effect Codes: MOR,GRO,CEL,BCM,POP; Rejection Code: **Less sensitive endpoint.**
- Rayner, J. L., Enoch, R. R., Wolf, D. C., and Fenton, S. E. (2007). Atrazine-Induced Reproductive Tract Alterations After Transplacental and/or Lactational Exposure in Male Long-Evans Rats. *Toxicol.Appl.Pharmacol.* 218: 238-248.
EcoReference No.: 91813
Chemical of Concern: ATZ; Habitat: T; Effect Codes: GRO,CEL,BCM,MOR; Rejection Code: **Less sensitive endpoint.**
- Rider, C. V. and LeBlanc, G. A. (2006). Atrazine Stimulates Hemoglobin Accumulation in *Daphnia magna*: Is it Hormonal or Hypoxic? *Toxicol.Sci.* 93: 443-449.
EcoReference No.: 89635
Chemical of Concern: ATZ,PYX; Habitat: A; Effect Codes: CEL; Rejection Code: **Less sensitive endpoint.**
- Su, Y.-H., Zhu, Y.-G., and Du, X. (2005). Co-Uptake of Atrazine and Mercury by Rice Seedlings from Water. *Pestic.Biochem.Physiol.* 82: 226-232.
EcoReference No.: 89634
Chemical of Concern: ATZ,Hg; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**
- Suwanchaichinda, C. and Brattsten, L. B. (2001). Effects of Exposure to Pesticides on Carbaryl Toxicity and Cytochrome P450 Activities in *Aedes albopictus* Larvae (Diptera: Culicidae). *Pestic.Biochem.Physiol.* 70: 63-73.
EcoReference No.: 87671
Chemical of Concern: CBL,ATZ,SZ,TDF,DCZ,PCP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: **Less sensitive endpoint.**
- Viana, S. M. and Rocha, O. (2005). The Toxicity of Copper Sulphate and Atrazine to the Diatom *Aulacoseira granulata* (Ehrenberg) Simmons. *Acta Limnol.Brasil.* 17: 291-300.

EcoReference No.: 91104

Chemical of Concern: ATZ,CuS; Habitat: A; Effect Codes: POP; Rejection Code: **Less sensitive endpoint.**

Wacksman, M. N., Maul, J. D., and Lydy, M. J. (2006). Impact of Atrazine on Chlorpyrifos Toxicity in Four Aquatic Vertebrates. *Arch.Environ.Contam.Toxicol.* 51: 681-689.

EcoReference No.: 91730

Chemical of Concern: ATZ,CPY; Habitat: A; Effect Codes: BCM,ACC,MOR,BEH; Rejection Code: **Biochemical enzymatic endpoints cannot be quantitatively linked to the selected assessment endpoints.**

Wan, M. T., Buday, C., Schroeder, G., Kuo, J., and Pasternak, J. (2006). Toxicity to *Daphnia magna*, *Hyaella azteca*, *Oncorhynchus kisutch*, *Oncorhynchus mykiss*, *Oncorhynchus tshawytscha*, and *Rana catesbeiana* of Atrazine, Metolachlor, Simazine, and Their Formulated Products. *Bull.Environ.Contam.Toxicol.* 76: 52-58.

EcoReference No.: 89626

Chemical of Concern: ATZ,SZ,MTL,PPZ; Habitat: A; Effect Codes: MOR; Rejection Code: **Less sensitive endpoint.**

Wardle, D. A., Yeates, G. W., Watson, R. N., and Nicholson, K. S. (1995). The Detritus Food-Web and the Diversity of Soil Fauna as Indicators of Disturbance Regimes in Agro-Ecosystems. *Plant Soil* 170: 35-43.

EcoReference No.: 90524

Chemical of Concern: ATZ,BMC,TBZ; Habitat: T; Effect Codes: POP; Rejection Code: **Terrestrial beetle endpoints were not considered for this assessment.**

Weiner, J. A., DeLorenzo, M. E., and Fulton, M. H. (2007). Atrazine Induced Species-Specific Alterations in the Subcellular Content of Microalgal Cells. *Pestic.Biochem.Physiol.* 87: 47-53.

EcoReference No.: 89645

Chemical of Concern: ATZ; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: **Less sensitive endpoint.**

Yamasaki, K., Sawaki, M., Noda, S., Muroi, T., Takakura, S., Mitoma, H., Sakamoto, S., Nakai, M., and Yakabe, Y. (2004). Comparison of the Herschberger Assay and Androgen Receptor Binding Assay of Twelve Chemicals. *Toxicology* 195: 177-186.

EcoReference No.: 91115

Chemical of Concern: PHTH,ATZ; Habitat: T; Effect Codes: GRO; Rejection Code: **Less sensitive endpoint.**

Acceptable for ECOTOX but not OPP (Oct 2006 - May 2007)

Barnard, E. L., Dixon, W. N., Ash, E. C., Fraedrich, S. W., and Cordell, C. E. (1995). Scalping Reduces Impact of Soilborne Pests and Improves Survival and Growth of Slash Pine Seedling on Converted Agricultural Croplands. *South.J.Appl.For.* 19: 49-59.

EcoReference No.: 90506

Chemical of Concern: MB,ATZ,BMY,DZ,CPY,CBF,SMM; Habitat: T; Effect Codes: MOR,POP,GRO; Rejection Code: NO MIXTURE(SMM,ATZ),NO COC(MP).

Bouldin, J. L., Farris, J. L., Moore, M. T., Smith, S. Jr., and Cooper, C. M. (2006). Hydroponic Uptake of Atrazine and Lambda-Cyhalothrin in *Juncus effusus* and *Ludwigia peploides*. *Chemosphere* 65: 1049-1057.

EcoReference No.: 89630

Chemical of Concern: ATZ,CYH; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ATZ,CYH).

Copping, L. G. and Brookes, R. F. (1974). BTS 30 843--A New Pre-Emergence Grass Herbicide. *Proc.Br.Weed Control Conf.* 12: 808-915.

EcoReference No.: 25852

Chemical of Concern: ATZ,ACR; Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

- Fedtke, C., Schmalfluss, J., and Couderchet, M. (1999). Chloroacetanilides, Oxyacetamides, Tetrazolinones: Mode of Action. 1. Cross Resistance and Oleic Acid Incorporation in Algal Model Systems. *Pestic.Sci.* 55: 580-582.
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(SMM,PCP,ATZ).
- Fernandez, M., L'Haridon, J., Gauthier, L., and Zoll-Moreux, C. (1993). Amphibian Micronucleus Test(s): A Simple and Reliable Method for Evaluating In Vivo Genotoxic Effects of Freshwater Pollutants and Radiations: Initial Assessment. *Mutat.Res.* 292: 83-99.
EcoReference No.: 90482
Chemical of Concern: SFL,PCB,ATZ,CF,DEAC,ETHN,EDB,HgCl₂,PYR,Captan,CBL,Maneb; Habitat: A; Effect Codes: BCM,CEL; Rejection Code: NO ENDPOINT(ALL CHEMS).
- Foster, T. S. and Khan, S. U. (1976). Metabolism of Atrazine by the Chicken. *J.Agric.Food Chem.* 24: 566-570.
EcoReference No.: 36661
Chemical of Concern: ATZ,DIATZ,DEATZ; Habitat: T; Effect Codes: ACC,GRO,REP; Rejection Code: NO ENDPOINT(ATZ,DIATZ,DEATZ).
- Jacomini, A. E., Bonato, P. S., and Avelar, W. E. P. (2003). HPLC Method for the Analysis of Atrazine in Freshwater Bivalves. *J.Liquid Chromatogr.Relat.Technol.* 26: 1885-1894.
EcoReference No.: 89667
Chemical of Concern: ATZ; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(ATZ).
- Laval-Martin, D., Grizeau, D., and Calvayrac, R. (1983). Characterization of Diuron-Resistant Euglena: Greater Tolerance for Various Phenylurea Herbicides and Increased Sensitivity of Thylakoids to Ethyl-s-Dipropyl Thiocarbamate. *Plant Sci.Lett.* 29: 155-167.
EcoReference No.: 89462
Chemical of Concern: DU,SID,ATZ,EPTC; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS,TARGET-SID).
- Ross, M. K. and Filipov, N. M. (2006). Determination of Atrazine and Its Metabolites in Mouse Urine and Plasma by LC-MS Analysis. *Anal.Biochem.* 351: 161-173.
EcoReference No.: 89829
Chemical of Concern: ATZ,DEATZ,DIATZ,DCT,SZ; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: NO ENDPOINT(ATZ,DEATZ,DIATZ,DCT,SZ).
- Sausser, K. R. and Klaine, S. J. (1990). Activation of Promutagens by a Unicellular Green Alga. In: W.Wang, J.W.Gorsuch, and W.R.Lower (Eds.), *Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA* 324-332.
EcoReference No.: 90475
Chemical of Concern: ATZ; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ATZ).
- Stojanovic, B. J., Kennedy, M. V., and Shuman, F. L. Jr. (1972). Edaphic Aspects of the Disposal of Unused Pesticides, Pesticide Wastes, and Pesticide Containers. *J.Environ.Qual.* 1: 54-62.
EcoReference No.: 90589
Chemical of Concern: ATZ,BMC,CBL,24DXY,DDT,DMB,DLD,DU,MLN,PAQT,PCL,TFN,VNT,Zineb; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ATZ,BMC,CBL,DMB,MLN).
- Takeuchi, S., Matsuda, T., Kobayashi, S., Takahashi, T., and Kojima, H. (2006). In Vitro Screening of 200 Pesticides for Agonistic Activity via Mouse Peroxisome Proliferator-Activated Receptor (PPAR)alpha and PPARGgamma and Quantitative Analysis of In Vivo Induction Pathway. *Toxicol.Appl.Pharmacol.* 217: 235-244.
EcoReference No.: 89206
Chemical of Concern:

AND,HCCCH,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,SZ,TFR,MP,PZM,ATZ,DMT; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: NO IN VITRO(ALL CHEMS).

Walters, P. A., Abbott, E. A., and Isquith, A. J. (1973). Algicidal Activity of a Surface-Bonded Organosilicon Quaternary Ammonium Chloride. *Appl.Microbiol.* 25: 253-256.
EcoReference No.: 91496
Chemical of Concern: TSQ,SZ,ATZ; Habitat: A; Effect Codes: POP; Rejection Code: NO
ENDPOINT(TSQ),NO MIXTURE(SZ,ATZ).

ATRAZINE UPDATE (Oct. 2006 - May 2007)
Papers that Were Excluded from ECOTOX

2006). Decision Documents for Atrazine. *Govt reports announcements & index (gra&i)*; NTIS/02610243.
Rejection Code: HUMAN HEALTH.

2006). Pilot Study of Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants (Ctepp). Volume 1: Final Report and Volume 2: Appendices a-S. *Govt reports announcements & index NTIS/03180209*.
Rejection Code: HUMAN HEALTH.

Abate, Gilberto and Masini, Jorge Cesar (2005). Adsorption of atrazine, hydroxyatrazine, deethylatrazine, and deisopropylatrazine onto Fe(III) polyhydroxy cations intercalated vermiculite and montmorillonite. *Journal Of Agricultural And Food Chemistry* 53: 1612-1619.
Rejection Code: FATE.

Abel Erika L, Opp Shaun M, Verlinde Christophe LMJ, Bammler TheoK. , and Eaton David L (2004). Characterization of Atrazine Biotransformation by Human and Murine Glutathione S-Transferases. *Toxicological Sciences [Toxicol. Sci.]*. Vol. 80, no. 2, pp. 230-238. Aug 2004.
Rejection Code: HUMAN HEALTH.

Abu-Zreig, Majed and Rudra, Ramesh P (2002). Modelling of atrazine transport in the presence of surfactants. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 15-32.
Rejection Code: MODELING.

Abuknesha, Ramadan A and Griffith, Hannah M T (2005). Generation of antiserum to Irgarol 1051 and development of a sensitive enzyme immunoassay using a new heterologous hapten derivative. *Analytical And Bioanalytical Chemistry* 381: 233-243.
Rejection Code: CHEM METHODS.

Acharya, J., Gupta, A. K., Shakya, P. D., and Kaushik, M. P. (2005). Trichloroisocyanuric acid: an efficient reagent for the synthesis of dialkyl chlorophosphates from dialkyl phosphites. *Tetrahedron Letters* 46: 5293-5295.
Rejection Code: CHEM METHODS.

Adeleye, I A, Okorodudu, E, and Lawal, O (2004). Effect of some herbicides used in Nigeria on Rhizobium phaseoli, Azotobacter vinelandii and Bacillus subtilis. *Journal Of Environmental Biology / Academy Of Environmental Biology, India* 25: 151-156.
Rejection Code: BACTERIA.

Aislabie, Jackie, Bej, Asim K., Ryburn, Janine, Lloyd, Nick, and Wilkins, Alastair (2005). Characterization of Arthrobacter nicotinovorans HIM, an atrazine-degrading bacterium, from agricultural soil New Zealand. *FEMS Microbiology Ecology* 52: 279-286.

Rejection Code: BACTERIA.

Akhtaruzzaman, Md, Tomura, Masaaki, Nishida, Jun-ichi, and Yamashita, Yoshiro (2004). Synthesis and characterization of novel dipyritylbenzothiadiazole and bisbenzothiadiazole derivatives. *The Journal Of Organic Chemistry* 69: 2953-2958.

Rejection Code: CHEM METHODS.

Akkanen, J, Penttinen, S, Haitzer, M, and Kukkonen, J V (2001). Bioavailability of atrazine, pyrene and benzo[a]pyrene in European river waters. *Chemosphere* 45: 453-462.

Rejection Code: FATE.

Alam, J B, Dikshit, A K, and Bandyopadhyay, M (2002). Effect of different inorganic and organic compounds on sorption of 2,4-D and atrazine. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 541-560.

Rejection Code: FATE.

Albrechtsen, H J, Mills, M S, Aamand, J, and Bjerg, P L (2001). Degradation of herbicides in shallow Danish aquifers: an integrated laboratory and field study. *Pest Management Science* 57: 341-350.

Rejection Code: FATE.

Alfonso, M, Yruela, I, Almarcegui, S, Torrado, E, Perez, M A, and Picorel, R (2001). Unusual tolerance to high temperatures in a new herbicide-resistant D1 mutant from Glycine max (L.) Merr. cell cultures deficient in fatty acid desaturation. *Planta* 212: 573-582.

Rejection Code: NO TOX DATA.

Anderson, Kristen L, Wheeler, Kevin A, Robinson, Jayne B, and Tuovinen, Olli H (2002). Atrazine mineralization potential in two wetlands. *Water Research* 36: 4785-4794.

Rejection Code: FATE.

Andreou, Vangelis G. and Clonis, Yannis D. (2002). Novel fiber-optic biosensor based on immobilized glutathione S-transferase and sol-gel entrapped bromocresol green for the determination of atrazine. *Analytica Chimica Acta* 460: 151-161.

Rejection Code: CHEM METHODS.

Angier, Jonathan T, McCarty, Gregory W, Rice, Clifford P, and Bialek, Krystyna (2002). Influence of a riparian wetland on nitrate and herbicides exported from an agricultural field. *Journal Of Agricultural And Food Chemistry* 50: 4424-4429.

Rejection Code: FATE.

Anipsitakis, George P and Dionysiou, Dionysios D (2003). Degradation of organic contaminants in water with sulfate radicals generated by the conjunction of peroxymonosulfate with cobalt. *Environmental Science & Technology* 37: 4790-4797.

Rejection Code: FATE.

Aoki, Motohide, Sato, Norihiro, Meguro, Ayano, and Tsuzuki, Mikio (2004). Differing involvement of sulfoquinovosyl diacylglycerol in photosystem II in two species of unicellular cyanobacteria. *European Journal Of Biochemistry / FEBS* 271: 685-693.

Rejection Code: NO TOX DATA.

Aoki, Shin (2002). Creation of new supramolecular chemistry based on multiple interaction in aqueous solution. *Yakugaku Zasshi. Journal Of The Pharmaceutical Society Of Japan* 122: 793-804.

Rejection Code: NON-ENGLISH.

Aoki, Shin (2002). Supramolecular chemistry of multinuclear zinc(II) complexes in aqueous solution. *Yakugaku Zasshi. Journal Of The Pharmaceutical Society Of Japan* 122: 1095-1108.

Rejection Code: NON-ENGLISH.

Appel, P L and Hudak, P F (2001). Automated sampling of stormwater runoff in an urban watershed, north-central Texas. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 36: 897-907.

Rejection Code: SURVEY.

Arias-Estevez, M, Soto-Gonzalez, B, Lopez-Periago, E, Cancho-Grande, B, and Simal-Gandara, J (2005). Atrazine sorption dynamics in acid-surface soils. *Bulletin Of Environmental Contamination And Toxicology* 75: 264-271.

Rejection Code: FATE.

Arildskov, N P, Pedersen, P G, and Albrechtsen, H J (Fate of the herbicides 2,4,5-T, atrazine, and DNOC in a shallow, anaerobic aquifer investigated by in situ passive diffusive emitters and laboratory batch experiments. *Ground Water* 39: 819-830.

Rejection Code: NO TOX DATA.

Arntz, A. M., Vozar, E. M., and Delph, L. F. (2002). Serial adjustments in allocation to reproduction: Effects of photosynthetic genotype. *International Journal of Plant Sciences*, 163 (4) pp. 591-597, 2002.

Rejection Code: NO TOX DATA.

Asare, D. K., Sammis, T. W., Smeal, D., Zhang, H., and Sitze, D. O. (2001). Modeling an irrigation management strategy for minimizing the leaching of atrazine. *Agricultural Water Management*, 48 (3) pp. 225-238, 2001.

Rejection Code: MODELING.

Asman, Willem A. H., Jorgensen, Andreas, Bossi, Rossana, Vejrup, Karl V., Bugel Mogensen, Betty, and Glasius, Marianne (2005). Wet deposition of pesticides and nitrophenols at two sites in Denmark: measurements and contributions from regional sources. *Chemosphere* 59: 1023-1031.

Rejection Code: SURVEY.

Ayranci, Erol and Hoda, Numan (2004). Studies on removal of metribuzin, bromacil, 2,4- and atrazine from water by adsorption on high area carbon cloth. *Journal of Hazardous Materials* 112: 163-168.

Rejection Code: FATE.

Ayranci, Erol and Hoda, Numan (2004). Studies on removal of metribuzin, bromacil, 2,4-D and atrazine from water by adsorption on high area carbon cloth. *Journal Of Hazardous Materials* 112: 163-168.

Rejection Code: FATE.

Ballesteros, Berta, Barcelo, Damia, Dankwardt, Andrea, Schneider, Peter, and Marco, Maria-Pilar (2003). Evaluation of a field-test kit for triazine herbicides (SensioScreen(R) TR500) as a fast assay to detect pesticide contamination in water samples. *Analytica Chimica Acta* 475: 105-115.

Rejection Code: CHEM METHODS.

Banks, Kenneth E, Turner, Philip K, Wood, Sylvia H, and Matthews, Cathy (2005). Increased toxicity to *Ceriodaphnia dubia* in mixtures of atrazine and diazinon at environmentally realistic concentrations. *Ecotoxicology And Environmental Safety* 60: 28-36.

Rejection Code: MIXTURE.

Baranowska, Irena, Barchanska, Hanna, and Pacak, Ewa (2006). Procedures of trophic chain samples preparation for determination of triazines by HPLC and metals by ICP-AES methods. *Environmental Pollution* 143: 206-211.

Rejection Code: FATE.

Barbash, J E, Thelin, G P, Kolpin, D W, and Gilliom, R J (Major herbicides in ground water: results from the

- National Water-Quality Assessment. *Journal Of Environmental Quality* 30: 831-845.
Rejection Code: NO TOX DATA.
- Barbieri, P., Adami, G., Favretto, A., Lutman, A., Avoscan, W., and Reisenhofer, E. (2001). Robust cluster analysis for detecting physico-chemical typologies of freshwater from wells of the plain of Friuli (northeastern Italy). *Analytica Chimica Acta* 440: 161-170.
Rejection Code: CHEM METHODS.
- Barnes, P L and Kalita, P K (2001). Watershed monitoring to address contamination source issues and remediation of the contaminant impairments. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 51-56.
Rejection Code: SURVEY.
- Barreiro, Juliana C., Capelato, Milton Duffles, Martin-Neto, Ladislau, and Bruun Hansen, Hans Christian (2007). Oxidative decomposition of atrazine by a Fenton-like reaction in a H₂O₂/ferrihydrite system. *Water Research* 41: 55-62.
Rejection Code: IN VITRO.
- Barriuso, Enrique, Koskinen, William C, and Sadowsky, Michael J (2004). Solvent extraction characterization of bioavailability of atrazine residues in soils. *Journal Of Agricultural And Food Chemistry* 52: 6552-6556.
Rejection Code: FATE.
- Basagaoglu, Hakan, Ginn, Timothy R, and McCoy, Benjamin J (2002). Formulation of a soil-pesticide transport model based on a compartmental approach. *Journal Of Contaminant Hydrology* 56: 1-24.
Rejection Code: MODELING.
- Basara, T. J., Mihuc, T. B., and Twiss, M. R. (2006). Differential Toxicity of New Generation Herbicides to Cyanobacteria and Eukaryotic Phytoplankton: Can They Be Responsible for Cyanobacterial Harmful Algal Blooms in Missisquoi Bay, Lake Champlain? *Annual Conference on Great Lakes Research [Ann. Conf. Great Lakes Res.]*. 49.
Rejection Code: ABSTRACT.
- Baudu, M, Raveau, D, and Guibaud, G (2004). Application of the IAS theory combining to a three compartments description of natural organic matter to the adsorption of atrazine or diuron on activated carbon. *Environmental Technology* 25: 763-773.
Rejection Code: FATE.
- Baup, S, Wolbert, D, and Laplanche, A (2002). Importance of surface diffusivities in pesticide adsorption kinetics onto granular versus powdered activated carbon: experimental determination and modeling. *Environmental Technology* 23: 1107-1117.
Rejection Code: MODELING.
- Bayless, E R (Atrazine retention and degradation in the vadose zone at a till plain site in central Indiana. *Ground Water* 39 : 169-180.
Rejection Code: FATE.
- Bejarano, Adriana C., Pennington, Paul L., DeLorenzo, Marie E., and Chandler, G. Thomas (Atrazine effects on meiobenthic assemblages of a modular estuarine mesocosm. *Marine Pollution Bulletin* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Belden, Jason B and Coats, Joel R (2004). Effect of grasses on herbicide fate in the soil column: infiltration of runoff, movement, and degradation. *Environmental Toxicology And Chemistry / SETAC* 23: 2251-2258.
Rejection Code: FATE.

- Belden, Jason B, Phillips, Todd A, and Coats, Joel R (2004). Effect of prairie grass on the dissipation, movement, and bioavailability of selected herbicides in prepared soil columns. *Environmental Toxicology And Chemistry / SETAC* 23: 125-132.
Rejection Code: FATE.
- Beldomenico, P. M., Rey, F., Prado, W. S., Villarreal, J. C., Munoz-de-Toro, M., and Luque, E. H. (In ovum exposure to pesticides increases the egg weight loss and decreases hatchlings weight of Caiman latirostris (Crocodylia: Alligatoridae). *Ecotoxicology and Environmental Safety* In Press, Corrected Proof: 235.
Rejection Code: NO SOURCE.
- Bending, Gary D, Friloux, Maxime, and Walker, Allan (2002). Degradation of contrasting pesticides by white rot fungi and its relationship with ligninolytic potential. *FEMS Microbiology Letters* 212: 59-63.
Rejection Code: FATE.
- Bera, P., Prasher, S. O., Patel, R. M., Madani, A., Lacroix, R., Gaynor, J. D., Tan, C. S., and Kim, S. H. (2006). Application of MARS in simulating pesticide concentrations in soil. *Transactions of the American Society of Agricultural Engineers*, 49 (1) pp. 297-307, 2006.
Rejection Code: MODELING.
- Berl, Volker, Schmutz, Marc, Krische, Michael J, Khoury, Richard G, and Lehn, Jean-Marie (2002). Supramolecular polymers generated from heterocomplementary monomers linked through multiple hydrogen-bonding arrays--formation, characterization, and properties. *Chemistry (Weinheim An Der Bergstrasse, Germany)* 8: 1227-1244.
Rejection Code: CHEM METHODS.
- Bernard, H, Chabaliere, P F, Chopart, J L, Legube, B, and Vauclin, M (Assessment of herbicide leaching risk in two tropical soils of Reunion Island (France). *Journal Of Environmental Quality* 34: 534-543.
Rejection Code: FATE.
- Bertram, P., Warren, G., Horvatin, P., International Association of Theoretical and Applied Limnology, (v.p.), and Williams, W. D. (ed) (2001). Lake Michigan (USA) Mass Balance Study: modeling fate, transport and bioaccumulation of PCBs, atrazine, trans-nonachlor and mercury. *Schweizerbart'sche Verlagsbuchhandlung, Stuttgart (FRG), 27th Congress in Dublin, Dublin (Eire), 1998.*
Rejection Code: MODELING,FATE.
- Berube, Virginie E., Boily, Monique H., DeBlois, Chistian, Dassylva, Nathalie, and Spear, Philip A. (2005). Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, Quebec, Canada. *Aquatic Toxicology* 71: 109-120.
Rejection Code: MIXTURE.
- Bestwick, Charles S., Adam, Attila L., Puri, Nakul, and Mansfield, John W. (2001). Characterisation of and changes to pro and anti-oxidant enzyme activities during the hypersensitive reaction in lettuce (*Lactuca sativa* L.). *Plant Science* 161: 497-506.
Rejection Code: NO TOXICANT.
- Betancourt, Miguel, Resendiz, Alicia, and Fierro, Eduardo Casas y Reyna (Effect of two insecticides and two herbicides on the porcine sperm motility patterns using computer-assisted semen analysis (CASA) in vitro. *Reproductive Toxicology* In Press, Corrected Proof.
Rejection Code: HUMAN HEALTH.
- Betts, Kellyn (2002). More evidence that atrazine may affect frog sexuality. *Environmental Science & Technology* 36: 444A-445A.
Rejection Code: ABSTRACT.
- Bielejewska, A G, Marjo, C E, Prins, L J, Timmerman, P, de Jong, F, and Reinhoudt, D N (2001). Thermodynamic

- stabilities of linear and crinkled tapes and cyclic rosettes in melamine--cyanurate assemblies: a model description. *Journal Of The American Chemical Society* 123: 7518-7533.
Rejection Code: CHEM METHODS.
- Bigwaneza, P. C., Fortin, J., Antoun, H., Ndayegamiye, A., and Co(circumflex)te(acute), D. (2003). Effect of long-term liquid pig manure application on atrazine mineralization in a soil cultivated with maize. *Biology and Fertility of Soils*, 38 (4) pp. 191-199, 2003.
Rejection Code: FATE.
- Birdsall, K, Kukor, J J, and Cheney, M A (2001). Uptake of polycyclic aromatic hydrocarbon compounds by the gills of the bivalve mollusk *Elliptio complanata*. *Environmental Toxicology And Chemistry / SETAC* 20: 309-316.
Rejection Code: MIXTURE.
- Bishop, Edmund J and Mitra, Somenath (2004). Hollow fiber membrane concentrator for on-line preconcentration. *Journal Of Chromatography* 1046: 11-17.
Rejection Code: CHEM METHODS.
- Bisson, Marjolaine and Hontela, Alice (2002). Cytotoxic and endocrine-disrupting potential of atrazine, diazinon, endosulfan, and mancozeb in adrenocortical steroidogenic cells of rainbow trout exposed in vitro. *Toxicology And Applied Pharmacology* 180: 110-117.
Rejection Code: IN VITRO.
- Bjarnason, Bjarni, Chimuka, Luke, Onnerfjord, Patrik, Eremin, Sergei, Jonsson, Jan-Ake, Johansson, Gillis, and Emneus, Jenny (2001). Enzyme flow immunoassay using a Protein G column for the screening of triazine herbicides in surface and waste water. *Analytica Chimica Acta* 426: 197-207.
Rejection Code: CHEM METHODS.
- Blanchoud, H., Moreau-Guigon, E., Farrugia, F., Chevreuil, M., and Mouchel, J. M. (Contribution by urban and agricultural pesticide uses to water contamination at the scale of the Marne watershed. *Science of The Total Environment* In Press, Corrected Proof: 248.
Rejection Code: NO SOURCE.
- Blanchoud, Helene, Garban, Brigitte, Ollivon, Donatienne, and Chevreuil, Marc (2002). Herbicides and nitrogen in precipitation: progression from west to east and contribution to the Marne river (France). *Chemosphere* 47: 1025-1031.
Rejection Code: SURVEY.
- Blanck, Hans (2002). A Critical Review of Procedures and Approaches Used for Assessing Pollution-Induced Community Tolerance (PICT) in Biotic Communities. *Human and Ecological Risk Assessment* 8: 1003-1034.
Rejection Code: REVIEW.
- Blume, Elena, Bischoff, Marianne, Moorman, Thomas B, and Turco, Ronald F (2004). Degradation and binding of atrazine in surface and subsurface soils. *Journal Of Agricultural And Food Chemistry* 52: 7382-7388.
Rejection Code: FATE.
- Boden, J, Likeman, P, and Clark, R (Some effects of disinfecting solutions on the properties of alginate impression material and dental stone. *The European Journal Of Prosthodontics And Restorative Dentistry* 9: 131-135.
Rejection Code: NO SPECIES.
- Boivin, Arnaud, Cherrier, Richard, and Schiavon, Michel (2005). A comparison of five pesticides adsorption and desorption processes in thirteen contrasting field soils. *Chemosphere* 61: 668-676.
Rejection Code: FATE.

- Boorman, David B (2003). LOIS in-stream water quality modelling. Part 1. Catchments and methods. *The Science Of The Total Environment* 314-316: 379-395.
Rejection Code: MODELING.
- Borisover, M, Graber, E R, Bercovich, F, and Gerstl, Z (2001). Suitability of dye-clay complexes for removal of non-ionic organic compounds from aqueous solutions. *Chemosphere* 44: 1033-1040.
Rejection Code: CHEM METHODS.
- Bouchard, Dermont C (2002). Cosolvent effects on sorption isotherm linearity. *Journal Of Contaminant Hydrology* 56: 159-174.
Rejection Code: FATE.
- Bouilly, K., McCombie, H., Leitao, A., and Lapegue, S. (2003). Persistence of atrazine impact on aneuploidy in the Pacific oyster, *Crassostrea gigas*. *Journal of Shellfish Research [J. Shellfish Res.]*. 22: 320.
Rejection Code: ABSTRACT.
- Bouldin, J L, Farris, J L, Moore, M T, Smith, S Jr, Stephens, W W, and Cooper, C M (2005). Evaluated fate and effects of atrazine and lambda-cyhalothrin in vegetated and unvegetated microcosms. *Environmental Toxicology* 20: 487-498.
Rejection Code: FATE.
- Boutet, Isabelle, Tanguy, Arnaud, and Moraga, Dario (2004). Molecular identification and expression of two non-P450 enzymes, monoamine oxidase A and flavin-containing monooxygenase 2, involved in phase I of xenobiotic biotransformation in the Pacific oyster, *Crassostrea gigas*. *Biochimica Et Biophysica Acta* 1679: 29-36.
Rejection Code: IN VITRO.
- Boyer, Sebastien, Serandour, Julien, Lemperiere, Guy, Raveton, Muriel, and Ravanel, Patrick (Do herbicide treatments reduce the sensitivity of mosquito larvae to insecticides? *Chemosphere* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Brand, R. M., Charron, A. R., Dutton, L., Gavlik, T. L., Mueller, C., Hamel, F. G., Chakkalakal, D., and Donohue, T. M. Jr (2004). Effects of chronic alcohol consumption on dermal penetration of pesticides in rats. *Journal of Toxicology and Environmental Health, Part A: Current Issues [J. Toxicol. Environ. Health, A: Curr. Iss.]*. Vol. 67, no. 2, pp. 153-161. 23 Jan 2004.
Rejection Code: MIXTURE.
- Brand, Rhonda M., Cetin, Yuksel, Mueller, Cynthia, and Cuppett, Susan L. (2005). Effect of fatty acids on herbicide transport across Caco-2 cell monolayers. *Toxicology in Vitro* 19: 595-601.
Rejection Code: FATE.
- Brand, Rhonda M and Mueller, Cynthia (2002). Transdermal penetration of atrazine, alachlor, and trifluralin: effect of formulation. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 68: 18-23.
Rejection Code: NO EFFECT.
- Brena, Beatriz M, Arellano, Lourdes, Rufo, Caterina, Last, Michael S, Montano, Jorge, Egana Cerni, Eduardo, Gonzalez-Sapienza, Gualberto, and Last, Jerold A (2005). ELISA as an affordable methodology for monitoring groundwater contamination by pesticides in low-income countries. *Environmental Science & Technology* 39: 3896-3903.
Rejection Code: SURVEY.
- Breton, F., Euzet, P., Piletsky, S. A., Giardi, M. T., and Rouillon, R. (2006). Integration of photosynthetic biosensor with molecularly imprinted polymer-based solid phase extraction cartridge. *Analytica Chimica Acta* 569: 50-57 .

Rejection Code: METHODS.

Briand, Olivier, Millet, Maurice, Bertrand, Florence, Clement, Michel, and Seux, Rene (2002). Assessing the transfer of pesticides to the atmosphere during and after application. Development of a multiresidue method using adsorption on Tenax and thermal desorption-GC/MS. *Analytical And Bioanalytical Chemistry* 374: 848-857.

Rejection Code: CHEM METHODS.

Bridges, Christine, Little, Edward, Gardiner, David, Petty, James, and Huckins, James (2004). Assessing the toxicity and teratogenicity of pond water in north-central Minnesota to amphibians. *Environmental Science And Pollution Research International* 11: 233-239.

Rejection Code: SURVEY.

Brown, N W, Roberts, E P L, Chasiotis, A, Cherdron, T, and Sanghrajka, N (2004). Atrazine removal using adsorption and electrochemical regeneration. *Water Research* 38: 3067-3074.

Rejection Code: FATE.

Burkart, M, Kolpin, D W, Jaquis, R, and Cole, K (2001). Soil characteristics and agrichemicals in groundwater of the midwestern United States. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 43: 251-260.

Rejection Code: NO TOX DATA.

Burkhardt, Michael, Stamm, Christian, Waul, Christopher, Singer, Heinz, and Muller, Stephan (Surface runoff and transport of sulfonamide antibiotics and tracers on manured grassland. *Journal Of Environmental Quality* 34: 1363-1371.

Rejection Code: FATE.

Cacho, C., Turiel, E., Martin-Esteban, A., Perez-Conde, C., and Camara, C. (2004). Characterisation and quality assessment of binding sites on a propazine-imprinted polymer prepared by precipitation polymerisation. *Journal of Chromatography B* 802: 347-353.

Rejection Code: CHEM METHODS.

Cai, B, Han, Y, Liu, B, Ren, Y, and Jiang, S (2003). Isolation and characterization of an atrazine-degrading bacterium from industrial wastewater in China. *Letters In Applied Microbiology* 36: 272-276.

Rejection Code: BACTERIA.

Cao, Fang and Chen, Jiang Ye (2005). Cloning and functional study of CaPpe1 in *Candida albicans* by using *Saccharomyces cerevisiae* model system. *Shi Yan Sheng Wu Xue Bao = Journal Of Experimental Biology* 38: 119-125.

Rejection Code: NON ENGLISH.

Capel, P D and Larson, S J (2001). Effect of scale on the behavior of atrazine in surface waters. *Environmental Science & Technology* 35: 648-657.

Rejection Code: FATE.

Carabias-Martinez, Rita, Rodriguez-Gonzalo, Encarnacion, Fernandez-Laespada, M Esther, Calvo-Seronero, Lorenzo, and Sanchez-San Roman, Francisco Javier (2003). Evolution over time of the agricultural pollution of waters in an area of Salamanca and Zamora (Spain). *Water Research* 37: 928-938.

Rejection Code: SURVEY.

Caracciolo, Anna Barra, Giuliano, Giuseppe, Grenni, Paola, Cremisini, Carlo, Ciccoli, Roberto, and Ubaldi, Carla (2005). Effect of urea on degradation of terbuthylazine in soil. *Environmental Toxicology And Chemistry / SETAC* 24: 1035-1040.

Rejection Code: FATE.

- Carafa, R., Marinov, D., Dueri, S., Wollgast, J., Lighthart, J., Canuti, E., Viaroli, P., and Zaldivar, J. M. (A 3D hydrodynamic fate and transport model for herbicides in Sacca di Goro coastal lagoon (Northern Adriatic). *Marine Pollution Bulletin* In Press, Corrected Proof.
Rejection Code: MODELING, FATE.
- Cardozo, Soledad, Gonzalez-Techera, Andres, Last, Jerold A, Hammock, Bruce D, Kramer, Karl, and Gonzalez-Sapientza, Gualberto G (2005). Analyte peptidomimetics selected from phage display peptide libraries: a systematic strategy for the development of environmental immunoassays. *Environmental Science & Technology* 39: 4234-4241.
Rejection Code: VIRUS.
- Castelo-Grande, Teresa, Augusto, Paulo A., and Barbosa, Domingos (2005). Removal of pesticides from soil by supercritical extraction--a preliminary study. *Chemical Engineering Journal* 111: 167-171.
Rejection Code: CHEM METHODS.
- Cataneo, A. C., Chamma, K. L., Ferreira, L. C., Gomes De(acute)stro, G. F., Carvalho, J. C., and Barbosa Novelli, E. L. (2002). Glutathione S-transferase activity in acetochlor, atrazine and oxyfluorfen metabolization in maize (*Zea mays* L.), sorghum (*Sorghum bicolor* L.) and wheat (*Triticum aestivum* L.) (Poaceae). *Acta Scientiarum - Biological and Health Sciences*, 24 (2) pp. 619-623, 2002.
Rejection Code: METABOLISM.
- Cerdeira, A. L., Dos Santos, N. A. G., Pessoa MCPY, Gomes, M. A. F., and Lanchote, V. L. (2005). Herbicide leaching on a recharge area of the Guarany aquifer in Brazil. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 40 (1) pp. 159-165, 2005.
Rejection Code: NO TOX DATA.
- Cerdeira, A L, Santos, N A G, Ueta, J, Shuhama, I K, Pessoa, M C P Y, Smith, S Jr, and Lanchote, V L (2004). Atrazine in water and biodegradation in a recharge area of Guarany aquifer in Brazil. *Bulletin Of Environmental Contamination And Toxicology* 73: 117-124.
Rejection Code: FATE.
- Cerejeira, M J, Viana, P, Batista, S, Pereira, T, Silva, E, Valerio, M J, Silva, A, Ferreira, M, and Silva-Fernandes, A M (2003). Pesticides in Portuguese surface and ground waters. *Water Research* 37: 1055-1063.
Rejection Code: SURVEY.
- Chan, K H and Chu, W (2003). The dose and ratio effects of Fe(II) and H₂O₂ in Fenton's process on the removal of atrazine. *Environmental Technology* 24: 703-710.
Rejection Code: FATE.
- Chan, K. H. and Chu, W. (2005). Effect of humic acid on the photolysis of the pesticide atrazine in a surfactant-aided soil-washing system in acidic condition. *Water Research* 39: 2154-2166.
Rejection Code: FATE.
- Chan, K. H. and Chu, W. (2003). Modeling the reaction kinetics of Fenton's process on the removal of atrazine. *Chemosphere* 51: 305-311.
Rejection Code: MODELING.
- Chan, K H and Chu, W (2003). Modeling the reaction kinetics of Fenton's process on the removal of atrazine. *Chemosphere* 51: 305-311.
Rejection Code: MODELING.
- Chan, K. H. and Chu, W. (2003). The system design of atrazine oxidation by catalytic oxidation process through a kinetic approach. *Water Research* 37: 3997-4003.
Rejection Code: FATE.

- Chang, Y J, Hussain, A K, Stephen, J R, Mullen, M D, White, D C, and Peacock, A (2001). Impact of herbicides on the abundance and structure of indigenous beta-subgroup ammonia-oxidizer communities in soil microcosms. *Environmental Toxicology And Chemistry / SETAC* 20: 2462-2468.
Rejection Code: BACTERIA.
- Chappell, Mark A, Laird, David A, Thompson, Michael L, Li, Hui, Teppen, Brian J, Aggarwal, Vaneet, Johnston, Cliff T, and Boyd, Stephen A (2005). Influence of smectite hydration and swelling on atrazine sorption behavior. *Environmental Science & Technology* 39: 3150-3156.
Rejection Code: FATE.
- Charlton, K, Harris, W J, and Porter, A J (2001). The isolation of super-sensitive anti-hapten antibodies from combinatorial antibody libraries derived from sheep. *Biosensors & Bioelectronics* 16: 639-646.
Rejection Code: CHEM METHODS.
- Charnay, M. P., Tuis, S., Coquet, Y., and Barriuso, E. (2005). Spatial variability in ¹⁴C-herbicide degradation in surface and subsurface soils. *Pest Management Science*, 61 (9) pp. 845-855, 2005.
Rejection Code: FATE.
- Charnay, Marie-Paule, Tuis, Sebastien, Coquet, Yves, and Barriuso, Enrique (2005). Spatial variability in ¹⁴C-herbicide degradation in surface and subsurface soils. *Pest Management Science* 61: 845-855.
Rejection Code: FATE.
- Chefetz, Benny (2003). Sorption of phenanthrene and atrazine by plant cuticular fractions. *Environmental Toxicology And Chemistry / SETAC* 22: 2492-2498.
Rejection Code: FATE.
- Chefetz, Benny, Bilkis, Yitzhak I, and Polubesova, Tamara (2004). Sorption-desorption behavior of triazine and phenylurea herbicides in Kishon river sediments. *Water Research* 38: 4383-4394.
Rejection Code: FATE.
- Chefetz, Benny, Stimler, Keren, Shechter, Michal , and Drori, Yaron (2006). Interactions of sodium azide with triazine herbicides: Effect on sorption to soils. *Chemosphere* 65: 352-357.
Rejection Code: FATE.
- Chemat, Farid and Poux, Martine (2001). Microwave assisted pyrolysis of urea supported on graphite under solvent-free conditions. *Tetrahedron Letters* 42: 3693-3695.
Rejection Code: CHEM METHODS.
- Cherrier, Richard, Boivin, Arnaud, Perrin-Ganier, Corinne, and Schiavon, Michel (2005). Sulcotrione versus atrazine transport and degradation in soil columns. *Pest Management Science* 61: 899-904.
Rejection Code: FATE.
- Christensen, E R, Chen, D, Nyholm, N, and Kusk, K O (2001). Joint action of chemicals in algal toxicity tests: influence of response level and dose-response regression model. *Environmental Toxicology And Chemistry / SETAC* 20: 2361-2369.
Rejection Code: MODELING.
- Christin, Marie-Soleil, Gendron, Andree D, Brousseau, Pauline, Menard, Lucie, Marcogliese, David J, Cyr, Daniel, Ruby, Sylvia, and Fournier, Michel (2003). Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection. *Environmental Toxicology And Chemistry / SETAC* 22: 1127-1133.
Rejection Code: MIXTURE.
- Chu, W., Chan, K. H., and Graham, N. J. D. (2006). Enhancement of ozone oxidation and its associated processes in the presence of surfactant: Degradation of atrazine. *Chemosphere* 64: 931-936.

- Rejection Code: FATE.
- Chu, W., Chan, K. H., Kwan, C. Y., and Choi, K. Y. (2007). Degradation of atrazine by modified stepwise-Fenton's processes. *Chemosphere* 67: 755-761.
Rejection Code: IN VITRO.
- Chung, Namhyun and Alexander, Martin (2002). Effect of soil properties on bioavailability and extractability of phenanthrene and atrazine sequestered in soil. *Chemosphere* 48: 109-115.
Rejection Code: FATE.
- Chung, Se-woong and Gu, Roy R. (2003). Estimating time-variable transformation rate of atrazine in a reservoir. *Advances in Environmental Research* 7: 933-947.
Rejection Code: FATE.
- Citra, Mario J (2004). Incorporating Monte Carlo analysis into multimedia environmental fate models. *Environmental Toxicology And Chemistry / SETAC* 23: 1629-1633.
Rejection Code: MODELING.
- Ciumasu, Ioan M., Kramer, Petra M., Weber, Cristina M., Kolb, Gunther, Tiemann, David, Windisch, Stefan, Frese, Ines, and Kettrup, Antonius A. (2005). A new, versatile field immunosensor for environmental pollutants: Development and proof of principle with TNT, diuron, and atrazine. *Biosensors and Bioelectronics* 21: 354-364.
Rejection Code: CHEM METHODS.
- Clarke, S. M., Funk, C., Hendry, G. S., Shand, J. A., Wydrzynski, T., and Eaton-Rye, J. J. (2002). Amino acid deletions in the cytosolic domains of the chlorophyll a-binding protein CP47 slow Q_A⁻ oxidation and/or prevent the assembly of Photosystem II. *Plant Molecular Biology*, 50 (3) pp. 563-572, 2002.
Rejection Code: IN VITRO.
- Clausen, Gorm Bang, Larsen, Lise, Johnsen, Kaare, Radnoti de Liphay, Julia, and Aamand, Jens (2002). Quantification of the atrazine-degrading Pseudomonas sp. strain ADP in aquifer sediment by quantitative competitive polymerase chain reaction. *FEMS Microbiology Ecology* 41: 221-229.
Rejection Code: NO TOX DATA.
- Clausen, L and Fabricius, I (Atrazine, isoproturon, mecoprop, 2,4-D, and bentazone adsorption onto iron oxides. *Journal Of Environmental Quality* 30: 858-869.
Rejection Code: FATE.
- Clausen, L, Fabricius, I, and Madsen, L (Adsorption of pesticides onto quartz, calcite, kaolinite, and alpha-alumina. *Journal Of Environmental Quality* 30: 846-857 .
Rejection Code: FATE.
- Cohen, M Michael Jr (2003). One froggy evening. *Am J Med Genet A* 118: 96-98.
Rejection Code: ABSTRACT.
- Coleman, J. O. D., Frova, C., Schro(dieresis)der, P., and Tissut, M. (2002). Exploiting plant metabolism for the phytoremediation of persistent herbicides. *Environmental Science and Pollution Research*, 9 (1) pp. 18-28, 2002.
Rejection Code: REVIEW.
- Cooter, Ellen J and Hutzell, William T (2002). A regional atmospheric fate and transport model for atrazine. 1. Development and implementation. *Environmental Science & Technology* 36: 4091-4098.
Rejection Code: MODELING, FATE.

- Cooter, Ellen J, Hutzell, William T, Foreman, William T, and Majewski, Michael S (2002). A regional atmospheric fate and transport model for atrazine. 2. Evaluation. *Environmental Science & Technology* 36: 4593-4599.
Rejection Code: MODELING, FATE.
- Coquet, Yves (2003). Variation of pesticide sorption isotherm in soil at the catchment scale. *Pest Management Science* 59: 69-78.
Rejection Code: FATE.
- Coquet, Yves, Ribiere, Catherine, and Vachier, Pierre (2004). Pesticide adsorption in the vadose zone: a case study on Eocene and Quaternary materials in Northern France. *Pest Management Science* 60: 992-1000.
Rejection Code: FATE.
- Cornelissen, Emile R., Verdouw, Jil, Gijsbertsen-Abrahamse, Anneke J., and Hofman, Jan A. M. H. (2005). A nanofiltration retention model for trace contaminants in drinking water sources. *Desalination* 178: 179-192.
Rejection Code: CHEM METHODS.
- Cornelissen, Gerard, Haftka, Joris, Parsons, John, and Gustafsson, Orjan (2005). Sorption to black carbon of organic compounds with varying polarity and planarity. *Environmental Science & Technology* 39: 3688-3694.
Rejection Code: FATE.
- Correia, F. V., Macrae, A., Guilherme, L. R. G., and Langenbach, T. (2007). Atrazine sorption and fate in a Ultisol from humid tropical Brazil. *Chemosphere* 67: 847-854.
Rejection Code: FATE.
- Corry, Bobby, Uilk, Janelle, and Crawley, Charlene (2003). Probing direct binding affinity in electrochemical antibody-based sensors. *Analytica Chimica Acta* 496: 103-116.
Rejection Code: CHEM METHODS.
- Cougnaud, A, Faur, C, and Le Cloirec, P (2005). Removal of pesticides from aqueous solution: Quantitative relationship between activated carbon characteristics and adsorption properties. *Environmental Technology* 26: 857-866.
Rejection Code: FATE.
- Crepeau, K. L., Kuivila, K. M., and Bergamaschi, B. (Dissolved Pesticides in the Alamo River and the Salton Sea, California, 1996-1997. *Govt reports announcements & index (gra&i), issue 09, 2006.*
Rejection Code: FATE.
- Cui, Hua, Hwang, Huey-Min, Zeng, Kui, Glover, Hollis, Yu, Hongtao, and Liu, Yiming (2002). Riboflavin-photosensitized degradation of atrazine in a freshwater environment. *Chemosphere* 47: 991-999.
Rejection Code: FATE.
- Cummins, C. M., Koivunen, M. E., Stephanian, A., Gee, S. J., Hammock, B. D., and Kennedy, I. M. (Application of europium(III) chelate-dyed nanoparticle labels in a competitive atrazine fluoroimmunoassay on an ITO waveguide. *Biosensors and Bioelectronics* In Press, Corrected Proof.
Rejection Code: CHEM METHODS.
- Cuozzo, F P (2001). Craniodental body mass estimators in the dwarf bushbaby (Galagoides). *American Journal Of Physical Anthropology* 115: 187-190.
Rejection Code: NO TOXICANT.
- Curren, M S and King, J W (2001). Ethanol-modified subcritical water extraction combined with solid-phase microextraction for determining atrazine in beef kidney. *Journal Of Agricultural And Food Chemistry* 49: 2175-2180.
Rejection Code: METHODS.

- Curren, M S and King, J W (2001). Solubility of triazine pesticides in pure and modified subcritical water. *Analytical Chemistry* 73: 740-745.
Rejection Code: CHEM METHODS.
- Curwin, B. D., Hein, M. J., Sanderson, W. T., Nishioka, M. G., Reynolds, S. J., Ward, E. M., and Alavanja, M. C. (2005). Pesticide Contamination Inside Farm and Nonfarm Homes. *Journal of Occupational and Environmental Hygiene [J. Occup. Env. Hyg.]*. Vol. 2, no. 7, pp. 357-367. Jul 2005.
Rejection Code: SURVEY.
- D'Agostino, G., Alberti, G., Biesuz, R., and Pesavento, M. (2006). Potentiometric sensor for atrazine based on a molecular imprinted membrane. *Biosensors and Bioelectronics* 22: 145-152.
Rejection Code: METHODS.
- Da Pozzo, Anna, Ferrantelli, Paola, Di Palma, Luca, Merli, Carlo, and Petrucci, Elisabetta (2003). Use of a standard system to evaluate the matrix effect on the treatment of a solution from atrazine contaminated soils. *Annali Di Chimica* 93: 997-1004.
Rejection Code: CHEM METHODS.
- Dalton, Rex (2002). Doubts linger over America's top herbicide. *Nature* 420: 256.
Rejection Code: ABSTRACT.
- Dalton, Rex (2002). Frogs put in the gender blender by America's favourite herbicide. *Nature* 416: 665-666.
Rejection Code: ABSTRACT.
- Damodaran, K, Sanjayan, G J, Rajamohanan, P R, Ganapathy, S, and Ganesh, K N (2001). Solid state NMR of a molecular self-assembly: multinuclear approach to the cyanuric acid-melamine system. *Organic Letters* 3: 1921-1924.
Rejection Code: CHEM METHODS.
- Daniel, Peter E, Bedmar, Francisco, Costa, Jose L, and Aparicio, Virginia C (2002). Atrazine and metribuzin sorption in soils of the Argentinean humid pampas. *Environmental Toxicology And Chemistry / SETAC* 21: 2567-2572.
Rejection Code: FATE.
- Dankwardt, A and Hock, B (2001). Immunolocalization of non-extractable (bound) residues of pesticides and industrial contaminants in plants and soil. *Chemosphere* 45: 523-533.
Rejection Code: REVIEW.
- Das, P C, McElroy, W K, and Cooper, R L (2001). Alteration of catecholamines in pheochromocytoma (PC12) cells in vitro by the metabolites of chlorotriazine herbicide. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 59: 127-137.
Rejection Code: IN VITRO.
- Das, Parikshit C, McElroy, William K, and Cooper, Ralph L (2003). Potential mechanisms responsible for chlorotriazine-induced alterations in catecholamines in pheochromocytoma (PC12) cells. *Life Sciences* 73: 3123-3138.
Rejection Code: IN VITRO.
- David, Mark B, Gentry, Lowell E, Starks, Karen M , and Cooke, Richard A (Stream transport of herbicides and metabolites in a tile-drained, agricultural watershed. *Journal Of Environmental Quality* 32: 1790-1801.
Rejection Code: FATE.
- de Guzman, Noel P, Hendley, Paul, Gustafson, David I, van Wesenbeeck, Ian, Klein, Andrew J, Fuhrman, John D, Travis, Kim, Simmons, Nick D, Teskey, Wendy E, and Durham et, al. (The acetochlor registration partnership state ground water monitoring program. *Journal Of Environmental Quality* 34: 793-803.

Rejection Code: SURVEY.

de Jong, F M and Udo de Haes, H A (2001). Development of a field bioassay for the side-effects of herbicides on vascular plants using *Brassica napus* and *Poa annua*. *Environmental Toxicology* 16: 397-407.

Rejection Code: METHODS.

De Laat, Joseph and Le Truong, Giang (2005). Kinetics and modeling of the Fe(III)/H₂O₂ system in the presence of sulfate in acidic aqueous solutions. *Environmental Science & Technology* 39: 1811-1818.

Rejection Code: MODELING.

De Laat, Joseph, Truong Le, Giang, and Legube, Bernard (2004). A comparative study of the effects of chloride, sulfate and nitrate ions on the rates of decomposition of H₂O₂ and organic compounds by Fe(II)/H₂O₂ and Fe(III)/H₂O₂. *Chemosphere* 55: 715-723.

Rejection Code: FATE.

Delin, Geoffrey N. and Landon, Matthew K. (2002). Effects of surface run-off on the transport of agricultural chemicals to ground water in a sandplain setting. *The Science of The Total Environment* 295: 143-155.

Rejection Code: FATE.

DeLorenzo, M E, Scott, G I, and Ross, P E (2001). Toxicity of pesticides to aquatic microorganisms: a review. *Environmental Toxicology And Chemistry / SETAC* 20: 84-98.

Rejection Code: REVIEW.

Delphin, J. E. and Chapot, J. Y. (2006). Leaching of atrazine, metolachlor and diuron in the field in relation to their injection depth into a silt loam soil. *Chemosphere* 64: 1862-1869.

Rejection Code: FATE.

Deshmukh, Shivaji S. and Childress, Amy E. (2001). Zeta potential of commercial RO membranes: influence of source water type and chemistry. *Desalination* 140: 87-95.

Rejection Code: CHEM METHODS.

Devers, Marion, Henry, Sonia, Hartmann, Alain, and Martin-Laurent, Fabrice (2005). Horizontal gene transfer of atrazine-degrading genes (*atz*) from *Agrobacterium tumefaciens* St96-4 pADP1::Tn5 to bacteria of maize-cultivated soil. *Pest Management Science* 61: 870-880 .

Rejection Code: BACTERIA.

Devers, Marion, Rouard, Nadine, and Martin-Laurent, Fabrice (Genetic rearrangement of the *atzAB* atrazine-degrading gene cassette from pADP1::Tn5 to the chromosome of *Variovorax* sp. MD1 and MD2. *Gene* In Press, Corrected Proof: 560.

Rejection Code: NO SOURCE.

Devers, Marion, Soulas, Guy, and Martin-Laurent, Fabrice (2004). Real-time reverse transcription PCR analysis of expression of atrazine catabolism genes in two bacterial strains isolated from soil. *Journal Of Microbiological Methods* 56: 3-15.

Rejection Code: BACTERIA.

Di Palma, L, Ferrantelli, P, and Petrucci, E (2003). Experimental study of the remediation of atrazine contaminated soils through soil extraction and subsequent peroxidation. *Journal Of Hazardous Materials* 99: 265-276.

Rejection Code: FATE.

Di Palma, L, Merli, C, and Petrucci, E (2004). Effect of ethanol on the oxidation of atrazine in the remediation of contaminated soil. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 39: 987-997.

Rejection Code: FATE.

- Dombek, T, Davis, D, Stine, J, and Klarup, D (2004). Degradation of terbutylazine (2-chloro-4-ethylamino-6-terbutylamino-1,3,5-triazine), deisopropyl atrazine (2-amino-4-chloro-6-ethylamino-1,3,5-triazine), and chlorinated dimethoxy triazine (2-chloro-4,6-dimethoxy-1,3,5-triazine) by zero valent iron and electrochemical reduction. *Environmental Pollution (Barking, Essex: 1987)* 129: 267-275.
Rejection Code: FATE.
- Dombek, T., Dolan, E., Schultz, J., and Klarup, D. (2001). Rapid reductive dechlorination of atrazine by zero-valent iron under acidic conditions. *Environmental Pollution* 111: 21-27.
Rejection Code: CHEM METHODS.
- Donchev, A G, Ozrin, V D, Subbotin, M V, Tarasov, O V, and Tarasov, V I (2005). A quantum mechanical polarizable force field for biomolecular interactions. *Proceedings Of The National Academy Of Sciences Of The United States Of America* 102: 7829-7834.
Rejection Code: METHODS.
- Dorigo, Ursula, Bourrain, Xavier, Berard, Annette, and Leboulanger, Christophe (2004). Seasonal changes in the sensitivity of river microalgae to atrazine and isoproturon along a contamination gradient. *The Science of The Total Environment* 318: 101-114.
Rejection Code: MIXTURE.
- dos Santos, Luciana B. O., Silva, Marcelo S. P., and Masini, Jorge C. (2005). Developing a sequential injection-square wave voltammetry (SI-SWV) method for determination of atrazine using a hanging mercury drop electrode. *Analytica Chimica Acta* 528: 21-27.
Rejection Code: CHEM METHODS.
- Downing, H. F., Delorenzo, M. E., Fulton, M. H., Scott, G. I., Madden, C. J., and Kucklick, J. R. (2004). Effects of the Agricultural Pesticides Atrazine, Chlorothalonil, and Endosulfan on South Florida Microbial Assemblages. *Ecotoxicology [Ecotoxicology]. Vol. 13, no. 3, pp. 245-260. Apr 2004.*
Rejection Code: BACTERIA.
- Druzina, B., Perc, A., and Erjavec, M. (2001). Monitoring of atrazine, alachlor and metabolites in drinking water and organosphosphorous-based pesticides in fruit processing in the Republic of Slovenia. *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]. Vol. 10, no. 5, pp. 484-489. May 2001.*
Rejection Code: SURVEY.
- Du Preez, L H, Jansen van Rensburg, P J, Jooste, A M, Carr, J A, Giesy, J P, Gross, T S, Kendall, R J, Smith, E E, Van Der Kraak, G, and Solomon et, al. (2005). Seasonal exposures to triazine and other pesticides in surface waters in the western Highveld corn-production region in South Africa. *Environmental Pollution (Barking, Essex: 1987)* 135: 131-141.
Rejection Code: SURVEY.
- Duyzer, Jan (2003). Pesticide concentrations in air and precipitation in the Netherlands. *Journal Of Environmental Monitoring: JEM* 5: 77N-80N .
Rejection Code: SURVEY.
- Ebato, M., Matsumura, K., and Yonebayashi, K. (2002). Effect of soil characteristics on atrazine and linuron adsorption. *Journal of Pesticide Sciences*, 27 (4) pp. 337-346, 2002.
Rejection Code: CHEM METHODS.
- El-Lithy, Mohamed E, Rodrigues, Gustavo C, van Rensen, Jack J S, Snel, Jan F H, Dassen, Hans J H A, Koornneef, Maarten, Jansen, Marcel A K, Aarts, Mark G M, and Vreugdenhil, Dick (2005). Altered photosynthetic performance of a natural Arabidopsis accession is associated with atrazine resistance. *Journal Of Experimental Botany* 56: 1625-1634.
Rejection Code: NO TOX DATA.

- Erturk, H. and Walker, P. N. (2003). Effect of atrazine on algal contamination and sugarcane shoots during photoautotrophic micropropagation. *Transactions of the American Society of Agricultural Engineers*, 46 (1) pp. 189-191, 2003.
Rejection Code: IN VITRO.
- Eullaffroy, Philippe and Vernet, Guy (2003). The F684/F735 chlorophyll fluorescence ratio: a potential tool for rapid detection and determination of herbicide phytotoxicity in algae. *Water Research* 37: 1983-1990.
Rejection Code: METHODS.
- Euzet, Pierre, Giardi, Maria Teresa, and Rouillon, Regis (2005). A crosslinked matrix of thylakoids coupled to the fluorescence transducer in order to detect herbicides. *Analytica Chimica Acta* 539: 263-269.
Rejection Code: CHEM METHODS.
- Evgenidou, E and Fytianos, K (2002). Photodegradation of triazine herbicides in aqueous solutions and natural waters. *Journal Of Agricultural And Food Chemistry* 50: 6423-6427.
Rejection Code: FATE.
- Fang, Chengwei, Radosevich, Mark, and Fuhrmann, Jeffry J. (2001). Atrazine and phenanthrene degradation in grass rhizosphere soil. *Soil Biology and Biochemistry* 33 : 671-678.
Rejection Code: FATE.
- Fang, Chengwei, Radosevich, Mark, and Fuhrmann, Jeffry J. (2001). Characterization of rhizosphere microbial community structure in five similar grass species using FAME and BIOLOG analyses. *Soil Biology and Biochemistry* 33: 679-682.
Rejection Code: BACTERIA.
- Farenhorst, A, Topp, E, Bowman, B T, Tomlin, A D, and Bryan, R B (2001). Sorption of atrazine and metolachlor by burrow linings developed in soils with different crop residues at the surface. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 389-396.
Rejection Code: FATE.
- Farre, Maria Jose, Franch, Maria Isabel, Malato, Sixto, Ayllon, Jose Antonio, Peral, Jose, and Domenech, Xavier (2005). Degradation of some biorecalcitrant pesticides by homogeneous and heterogeneous photocatalytic ozonation. *Chemosphere* 58: 1127-1133.
Rejection Code: FATE.
- Faust, M., Altenburger, R., Backhaus, T., Blanck, H., Boedeker, W., Gramatica, P., Hamer, V., Scholze, M., Vighi, M., and Grimme, L. H. *. (2001). Predicting the joint algal toxicity of multi-component s-triazine mixtures at low-effect concentrations of individual toxicants. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 56, no. 1, pp. 13-32. 3 Dec 2001.
Rejection Code: MIXTURE.
- Fava, L., Bottoni, P., Crobe, A., Caracciolo, A. B., and Funari, E. (2001). Assessment of leaching potential of aldicarb and its metabolites using laboratory studies. *Pest Management Science*, 57 (12) pp. 1135-1141, 2001.
Rejection Code: FATE.
- Fenner, Kathrin, Scheringer, Martin, and Hungerbuhler, Konrad (2003). Joint persistence of transformation products in chemicals assessment: case studies and uncertainty analysis. *Risk Analysis: An Official Publication Of The Society For Risk Analysis* 23: 35-53.
Rejection Code: FATE.
- Fenton SE, Greiner SN, Youngblood GL, and Davis CC (2002). Effects from gestational exposure to a mixture of atrazine and its biological metabolites in male Long-Evans rats. *Biol Reprod* 2002;66(Suppl 1):199-200.
Rejection Code: MIXTURE.

- Ferenczi, Judit, Ambrus, Arpad, Wauchope, R Don, and Sumner, Harold R (2002). Persistence and runoff losses of 3 herbicides and chlorpyrifos from a corn field in the Lake Balaton watershed of Hungary. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 211-224.
Rejection Code: FATE.
- Fernandez-Perez, M, Gonzalez-Pradas, E, Villafranca-Sanchez, M, and Flores-Cespedes, F (2001). Mobility of atrazine from alginate-bentonite controlled release formulations in layered soil. *Chemosphere* 43: 347-353.
Rejection Code: FATE.
- Fernandez-Perez, Manuel, Flores-Cespedes, Francisco, Gonzalez-Pradas, Emilio, Villafranca-Sanchez, Matilde, Perez-Garcia, Susana, and Garrido-Herrera, Francisco Javier (2004). Use of activated bentonites in controlled-release formulations of atrazine. *Journal Of Agricultural And Food Chemistry* 52: 3888-3893.
Rejection Code: METHODS.
- Ferret, Pierre-Jacques, Soum, Emmanuelle, Negre, Olivier, and Fradelizi, Didier (2002). Auto-protective redox buffering systems in stimulated macrophages. *BMC Immunol* 3: 3.
Rejection Code: VIRUS.
- Fierro, R., Maravilla-Galvá n, R., Gómez-Arroyo, S., González-Márquez, H., and Betancourt, M. (2004). Effect Of The Herbicides Atrazine And Fenoxaprop-Ethyl On The Capacitation And Acrosomal Reaction Of Porcine Spermatozoa In Vitro. *Biol Reprod 2004 Aug;(Special Issue):112*.
Rejection Code: IN VITRO.
- Filipov NM, Tsunoda, M., and Sistrunk SC (2004). Modulation Of Dopamine Metabolism By Several Metabolites Of The Herbicide Atrazine In Rat Striatal Slices. *Toxicologist 2004 Mar;78(1-S):226*.
Rejection Code: IN VITRO.
- Fischer-Durand, Nathalie, Vessieres, Anne, Heldt, Jan-Martin, le Bideau, Franck, and Jaouen, Gerard (2003). Evaluation of the carbonyl metallo immunoassay (CMIA) for the determination of traces of the herbicide atrazine. *Journal of Organometallic Chemistry* 668: 59-66.
Rejection Code: CHEM METHODS.
- Fletcher, R, Reynoldson, T B, and Taylor, W D (2001). The use of benthic mesocosms for the assessment of sediment contamination. *Environmental Pollution (Barking, Essex: 1987)* 115: 173-182.
Rejection Code: FATE.
- Force, L., Critchley, C., and Van Rensen, J. J. S. (2003). New fluorescence parameters for monitoring photosynthesis in plants 1. The effect of illumination on the fluorescence parameters of the JIP-test. *Photosynthesis Research, 78 (1) pp. 17-33, 2003*.
Rejection Code: METHODS.
- Fortin, J, Gagnon-Bertrand, E, Vezina, L, and Rompre, M (Preferential bromide and pesticide movement to tile drains under different cropping practices. *Journal Of Environmental Quality* 31: 1940-1952.
Rejection Code: FATE.
- Foster, Gregory D, Miller, Cherie V, Huff, Thomas B, and Roberts, Eldon Jr (2003). Pesticides, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls in transport in two atlantic coastal plain tributaries and loadings to Chesapeake Bay. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 38: 1177-1200.
Rejection Code: FATE.
- Friesen-Pankratz, Bruce, Doebel, Cecilia, Farenhorst, Annemieke, and Goldsborough, L Gordon (2003). Interactions between algae (*Selenastrum capricornutum*) and pesticides: implications for managing constructed wetlands for pesticide removal. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food*

- Contaminants, And Agricultural Wastes* 38: 147-155.
Rejection Code: METABOLISM.
- Fruchey, Isaac, Shapir, Nir, Sadowsky, Michael J , and Wackett, Lawrence P (2003). On the origins of cyanuric acid hydrolase: purification, substrates, and prevalence of AtzD from *Pseudomonas* sp. strain ADP. *Applied And Environmental Microbiology* 69: 3653-3657.
Rejection Code: BACTERIA.
- Fujimoto, N and Honda, H (2003). Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats. *Food And Chemical Toxicology: An International Journal Published For The British Industrial Biological Research Association* 41: 1711-1717.
Rejection Code: IN VITRO.
- Gallard, H and De Laat, J (2001). Kinetics of oxidation of chlorobenzenes and phenyl-ureas by Fe(II)/H₂O₂ and Fe(III)/H₂O₂. Evidence of reduction and oxidation reactions of intermediates by Fe(II) or Fe(III). *Chemosphere* 42: 405-413.
Rejection Code: FATE.
- Garaj-Vrhovac, Vera and Zeljezic, Davor (2001). Cytogenetic monitoring of croatian population occupationally exposed to a complex mixture of pesticides. *Toxicology* 165: 153-162.
Rejection Code: SURVEY.
- Garbin, Jose R., Milori, Debora M. B. P., Simoes, Marcelo L., da Silva, Wilson T. L., and Neto, Ladislau Martin (2007). Influence of humic substances on the photolysis of aqueous pesticide residues. *Chemosphere* 66: 1692-1698.
Rejection Code: FATE.
- Garcia-Gonzalez, Vicente, Govantes, Fernando, Porrua, Odil, and Santero, Eduardo (2005). Regulation of the *Pseudomonas* sp. strain ADP cyanuric acid degradation operon. *Journal Of Bacteriology* 187: 155-167.
Rejection Code: FATE.
- Garcia-Gonzalez, Vicente, Govantes, Fernando, Shaw, Liz J, Burns, Richard G, and Santero, Eduardo (2003). Nitrogen control of atrazine utilization in *Pseudomonas* sp. strain ADP. *Applied And Environmental Microbiology* 69: 6987-6993.
Rejection Code: BACTERIA.
- Garcia-Villada, Libertad and Reboud, Xavier (Induction of atrazine tolerance in a natural soil assemblage of microalgae reared in the laboratory. *Ecotoxicology and Environmental Safety* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Garcinuno, R. M., Fernandez-Hernando, P., and Camara, C. (2003). Evaluation of pesticide uptake by *Lupinus* seeds. *Water Research* 37: 3481-3489.
Rejection Code: IN VITRO.
- Garstka, Maciej, Nejman, Patrycja, and Rosiak, Malgorzata (2004). The action of oxygen on chlorophyll fluorescence quenching and absorption spectra in pea thylakoid membranes under the steady-state conditions. *Journal of Photochemistry and Photobiology B: Biology* 77: 79-92.
Rejection Code: CHEM METHODS.
- Gavel, Alan and Marsalek, Blahoslav (2004). A novel approach for phytotoxicity assessment by CCD fluorescence imaging. *Environmental Toxicology* 19: 429-432.
Rejection Code: METHODS.
- Gawlik, B. M., Lamberty, A., Pauwels, J., Blum, W. E. H., Mentler, A., Bussian, B., Eklo, O., Fox, K., Kordel, W., and Hennecke, D. (2003). Certification of the European reference soil set (IRMM-443--EUROSOILS). Part

- I. Adsorption coefficients for atrazine, 2,4-D and lindane. *The Science of The Total Environment* 312: 23-31.
Rejection Code: FATE.
- Gawlik, B. M., Lamberty, A., Pauwels, J., Blum, W. E. H., Mentler, A., Bussian, B., Eklo, O., Fox, K., Kordel, W., and Hennecke, D. (2003). Certification of the European Reference Soil Set (IRMM-443--EUROSOILS). Part II. Soil-pH in suspensions of water and CaCl₂. *The Science of The Total Environment* 312: 33-42.
Rejection Code: NO TOX DATA.
- Gawlik, B M, Lamberty, A, Pauwels, J, and Muntau, H (2004). Certified reference materials to support a European thematic strategy for soil protection: the EUROSOILS (IRMM-443) experience. *Analytical And Bioanalytical Chemistry* 378: 1284-1287.
Rejection Code: CHEM METHODS.
- Gaynor, J D, Tan, C S, Drury, C F, Ng, H Y, Welacky, T W, and van Wesenbeeck, I J (Tillage, intercrop, and controlled drainage-subirrigation influence atrazine, metribuzin, and metolachlor loss. *Journal Of Environmental Quality* 30: 561-572.
Rejection Code: FATE.
- Gaynor, J D, Tan, C S, Drury, C F, Welacky, T W, Ng, H Y F, and Reynolds, W D (Runoff and drainage losses of atrazine, metribuzin, and metolachlor in three water management systems. *Journal Of Environmental Quality* 31: 300-308.
Rejection Code: FATE.
- Geisler, Georg, Hellweg, Stefanie, Liechti, Simon, and Hungerbuhler, Konrad (2004). Variability assessment of groundwater exposure to pesticides and its consideration in life-cycle assessment. *Environmental Science & Technology* 38: 4457-4464.
Rejection Code: NO TOX DATA.
- Gendrikson, O D, Zherdev, A V, Kaplun, A P, and Dzantiev, B B (Comparative analysis of models describing interactions between antibodies and liposomal antigens. *Prikladnaia Biokhimiia i Mikrobiologiya* 39: 85-91.
Rejection Code: NON ENGLISH.
- Genot, P, Van Huynh, N, Debongnie, Ph, and Pussemier, L (2002). Effects of addition of straw, chitin and manure to new or recycled biofilters on their pesticides retention and degradation properties. *Mededelingen (Rijksuniversiteit Te Gent. Fakulteit Van De Landbouwkundige En Toegepaste Biologische Wetenschappen)* 67: 117-128.
Rejection Code: FATE.
- Gerecke, Andreas C, Scharer, Michael, Singer, Heinz P, Muller, Stephan R, Schwarzenbach, Rene P, Sagesser, Martin, Ochsenbein, Ueli, and Popow, Gabriel (2002). Sources of pesticides in surface waters in Switzerland: pesticide load through waste water treatment plants--current situation and reduction potential. *Chemosphere* 48: 307-315.
Rejection Code: FATE.
- Getenga, Z M (2003). Enhanced mineralization of atrazine in compost-amended soil in laboratory studies. *Bulletin Of Environmental Contamination And Toxicology* 71: 933-941.
Rejection Code: FATE.
- Gevao, B, Mordaunt, C, Semple, K T, Pearce, T G, and Jones, K C (2001). Bioavailability of nonextractable (bound) pesticide residues to earthworms. *Environmental Science & Technology* 35: 501-507.
Rejection Code: FATE.
- Ghosh, P K, Philip, L, and Bandyopadhyay, M (2001). Anaerobic treatment of atrazine bearing wastewater. *Journal*

Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes 36: 301-316.

Rejection Code: NO TOX DATA.

Ghosh, P. K. Pranab Kumar and Philip, Ligy (2004). Atrazine degradation in anaerobic environment by a mixed microbial consortium . *Water Research* 38: 2277-2284.

Rejection Code: FATE.

Ghosh, Pranab Kumar and Philip, Ligy (2005). Performance evaluation of waste activated carbon on atrazine removal from contaminated water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 40: 425-441.

Rejection Code: NO TOX DATA.

Ginet, N and Lavergne, J (2001). Absorption changes induced by the binding of triazines to the QB pocket in reaction centers of Rhodobacter capsulatus. *Biochemistry* 40: 2995-3001.

Rejection Code: BACTERIA.

Gomez-Gutierrez, Anna I., Jover, Eric, Bodineau, Laurent, Albaiges, Joan, and Bayona, Josep M. (2006). Organic contaminant loads into the Western Mediterranean Sea: Estimate of Ebro River inputs. *Chemosphere* 65: 224-236.

Rejection Code: SURVEY.

Gong, A, Ye, C, Wang, X, Lei, Z, and Liu, J (2001). Dynamics and mechanism of ultraviolet photolysis of atrazine on soil surface. *Pest Management Science* 57: 380-385.

Rejection Code: FATE.

Gonzalez-Barreiro, O., Rioboo, C., Herrero, C., and Cid, A. (Removal of triazine herbicides from freshwater systems using photosynthetic microorganisms. *Environmental Pollution* In Press, Corrected Proof.

Rejection Code: NO SOURCE.

Gonzalez-Martinez, M A, Puchades, R, and Maquieira, A (2001). Comparison of multianalyte immunosensor formats for on-line determination of organic compounds. *Analytical Chemistry* 73: 4326-4332.

Rejection Code: CHEM METHODS.

Gonzalez-Pradas, E, Socias-Viciano, M, Saifi, M, Urena-Amate, M D, Flores-Cespedes, F, Fernandez-Perez, M, and Villafranca-Sanchez, M (2003). Adsorption of atrazine from aqueous solution on heat treated kerolites. *Chemosphere* 51: 85-93.

Rejection Code: FATE.

Goulet, Benoit N and Hontela, Alice (2003). Toxicity of cadmium, endosulfan, and atrazine in adrenal steroidogenic cells of two amphibian species, *Xenopus laevis* and *Rana catesbeiana*. *Environmental Toxicology And Chemistry / SETAC* 22: 2106-2113.

Rejection Code: IN VITRO.

Govers, H A J, De Voogt, P, Kwast, O, and Bleeker, E A J (2002). Membrane-contaminant interaction found by 3D force field calculations. *SAR And QSAR In Environmental Research* 13: 135-143.

Rejection Code: CHEM METHODS.

Govers, H A J, Krop, H B, Parsons, J R, Tambach, T, and Kubicki, J D (2002). Dissolved organic carbon--contaminant interaction descriptors found by 3D force field calculations. *SAR And QSAR In Environmental Research* 13: 271-280.

Rejection Code: CHEM METHODS.

Grabner, E R, Dror, I, Bercovich, F C, and Rosner, M (2001). Enhanced transport of pesticides in a field trial with treated sewage sludge. *Chemosphere* 44: 805-811.

Rejection Code: FATE.

Graebing, Phillip, Frank, Michael P, and Chib, J S (2003). Soil photolysis of herbicides in a moisture- and temperature-controlled environment. *Journal Of Agricultural And Food Chemistry* 51: 4331-4337.
Rejection Code: NO TOX DATA.

Graves, J E, Richardson, M E, Bernard, R S, Camper, N D, and Bridges, W C (2002). Atrazine effects on in vitro maturation and in vitro fertilization in the bovine oocyte. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 103-112.
Rejection Code: IN VITRO.

Graymore, M., Stagnitti, F., and Allinson, G. (2001). Impacts of atrazine in aquatic ecosystems. *Environment International* 26: 483-495.
Rejection Code: REVIEW.

Grennan, Kathleen, Strachan, Gillian, Porter, Andrew J., Killard, Anthony J., and Smyth, Malcolm R. (2003). Atrazine analysis using an amperometric immunosensor based on single-chain antibody fragments and regeneration-free multi-calibrant measurement. *Analytica Chimica Acta* 500: 287-298.
Rejection Code: CHEM METHODS.

Grossmann, K, Tresch, S, and Plath, P (Triaziflam and Diaminotriazine derivatives affect enantioselectively multiple herbicide target sites. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 56: 559-569.
Rejection Code: NO COC.

Gu, H, Ma, H M, and Liang, S C (2001). A novel water-soluble fluorescent probe for the determination of methylamine. *Fresenius' Journal Of Analytical Chemistry* 371: 570-573.
Rejection Code: CHEM METHODS.

Gu, J G, Qiao, C, and Gu, J D (2003). Biodegradation of the herbicides atrazine, cyanazine, and dicamba by methanogenic enrichment cultures from selective soils of China. *Bulletin Of Environmental Contamination And Toxicology* 71: 924-932.
Rejection Code: FATE.

Gu, Ji-Guang, Fan, Yanzhen, and Gu, Ji-Dong (2003). Biodegradability of Atrazine, Cyanazine and Dicamba under methanogenic condition in three soils of China. *Chemosphere* 52: 1515-1521.
Rejection Code: FATE.

Guardia Rubio, M., Banegas Font, V., Molina Di(acute)az, A., and AyoraCan(tilde)ada, M. J. (2006). Determination of triazine herbicides and diuron in mud from olive washing devices and soils using gas chromatography with selective detectors. *Analytical Letters*, 39 (4) pp. 835-850, 2006.
Rejection Code: METHODS.

Guidarelli, Andrea, Fiorani, Mara, Tommasini, Ilaria, Cerioni, Liana, and Cantoni, Orazio (2006). Reduced mitochondrial formation of H₂O₂ is responsible for resistance of dimethyl sulfoxide differentiated U937 cells to peroxynitrite. *The International Journal of Biochemistry & Cell Biology* 38: 56-68.
Rejection Code: IN VITRO.

Guzzella, Licia, Pozzoni, Fiorenzo, and Giuliano, Giuseppe (2006). Herbicide contamination of surficial groundwater in Northern Italy. *Environmental Pollution* 142: 344-353.
Rejection Code: SURVEY.

Haferkamp, M. R., Grings, E. E., Heitschmidt, R. K., MacNeil, M. D., and Karl, M. G. (2001). Suppression of annual bromes impacts rangeland: Animal responses. *Journal of Range Management*, 54 (6) pp. 663-668, 2001.
Rejection Code: NO TOX DATA.

- Haferkamp, M. R., Heitschmidt, R. K., Grings, E. E., Macneil, M. D., and Karl, M. G. (2001). Suppression of annual bromes impacts rangeland: Vegetation responses. *Journal of Range Management*, 54 (6) pp. 656-662, 2001.
Rejection Code: NO TOX DATA.
- Hamada, Mazen and Wintersteiger, Reinhold (2002). Rapid screening of triazines and quantitative determination in drinking water. *Journal of Biochemical and Biophysical Methods* 53: 229-239.
Rejection Code: NO TOX DATA.
- Harman-Fetcho, Jennifer A, Hapeman, Cathleen J, McConnell, Laura L, Potter, Thomas L, Rice, Clifford P, Sadeghi, Ali M, Smith, Ramona D, Bialek, Krystyna, Sefton, Kerry A, and Schaffer et, al. (2005). Pesticide occurrence in selected South Florida canals and Biscayne Bay during high agricultural activity. *Journal Of Agricultural And Food Chemistry* 53: 6040-6048.
Rejection Code: SURVEY.
- Hecker, Markus, Giesy, John P, Jones, Paul D, Jooste, Alarik M, Carr, James A, Solomon, Keith R, Smith, Ernest E, Van der Kraak, Glen, Kendall, Ronald J, and Du Preez et, al. (2004). Plasma sex steroid concentrations and gonadal aromatase activities in African clawed frogs (*Xenopus laevis*) from South Africa. *Environmental Toxicology And Chemistry / SETAC* 23: 1996-2007.
Rejection Code: SURVEY.
- Hecker, Markus, Kim, Wan Jong, Park, June-Woo, Murphy, Margaret B, Villeneuve, Daniel, Coady, Katherine K, Jones, Paul D, Solomon, Keith R, Van Der Kraak, Glen, and Carr et, al. (2005). Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in *Xenopus laevis* exposed to estradiol or atrazine. *Aquatic Toxicology (Amsterdam, Netherlands)* 72: 383-396.
Rejection Code: IN VITRO.
- Hela, Dimitra G, Lambropoulou, Dimitra A, Konstantinou, Ioannis K, and Albanis, Triantafyllos A (2005). Environmental monitoring and ecological risk assessment for pesticide contamination and effects in Lake Pamvotis, northwestern Greece. *Environmental Toxicology And Chemistry / SETAC* 24: 1548-1556.
Rejection Code: SURVEY.
- Helmke, Martin F, Simpkins, William W, and Horton, Robert (Fracture-controlled nitrate and atrazine transport in four Iowa till units. *Journal Of Environmental Quality* 34: 227-236.
Rejection Code: FATE.
- Henderson, K. L. D., Belden, J. B., Zhao, S., and Coats, J. R. (2006). Phytoremediation of pesticide wastes in soil. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 61 (3-4) pp. 213-221, 2006.
Rejection Code: FATE.
- Henderson, Paul T, Delaney, James C, Gu, Feng, Tannenbaum, Steven R, and Essigmann, John M (2002). Oxidation of 7,8-dihydro-8-oxoguanine affords lesions that are potent sources of replication errors in vivo. *Biochemistry* 41: 914-921.
Rejection Code: BACTERIA.
- Hendrickson, O D, Skopinskaya, S N, Yarkov, S P, Zherdev, A V, and Dzantiev, B B (2004). Development of liposome immune lysis assay for the herbicide atrazine. *Journal Of Immunoassay & Immunochemistry* 25: 279-294.
Rejection Code: METHODS.
- Hendrickson, Olga D, Zherdev, Anatoly V, Kaplun, Alexander P, and Dzantiev, Boris B (2002). Experimental study and mathematical modeling of the interaction between antibodies and antigens on the surface of liposomes. *Molecular Immunology* 39: 413-422.
Rejection Code: MODELING.

- Hequet, V., Gonzalez, C., and Le Cloirec, P. (2001). Photochemical processes for atrazine degradation: methodological approach. *Water Research* 35: 4253-4260.
Rejection Code: FATE.
- Herve(acute), C., Tonon, T., Colle(acute)n, J., Corre, E., and Boyen, C. (2006). NADPH oxidases in Eukaryotes: Red algae provide new hints! *Current Genetics*, 49 (3) pp. 190-204, 2006.
Rejection Code: NO EFFECT.
- Herzberg, M, Dosoretz, C G, Tarre, S, Beliaevski, M, and Green, M (2004). Biological granulated activated carbon fluidized bed reactor for atrazine remediation. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 49: 215-222.
Rejection Code: FATE.
- Herzberg, Moshe, Dosoretz, Carlos G, Tarre, Sheldon, and Green, Michal (2003). Patchy biofilm coverage can explain the potential advantage of BGAC reactors. *Environmental Science & Technology* 37: 4274-4280.
Rejection Code: BACTERIA.
- Hey, Donald L., Urban, Laura S., and Kostel, Jill A. (2005). Nutrient farming: The business of environmental management. *Ecological Engineering* 24: 279-287.
Rejection Code: NO TOX DATA.
- Hirkala, Danielle L M and Germida, J J (2004). Field and soil microcosm studies on the survival and conjugation of a *Pseudomonas putida* strain bearing a recombinant plasmid, pADPTel. *Canadian Journal Of Microbiology* 50: 595-604.
Rejection Code: BACTERIA.
- Hiskia, A, Ecke, M, Troupis, A, Kokorakis, A, Hennig, H, and Papaconstantinou, E (2001). Sonolytic, photolytic, and photocatalytic decomposition of atrazine in the presence of polyoxometalates. *Environmental Science & Technology* 35: 2358-2364.
Rejection Code: FATE.
- Holman, I. P., Dubus, I. G., Hollis, J. M., and Brown, C. D. (2004). Using a linked soil model emulator and unsaturated zone leaching model to account for preferential flow when assessing the spatially distributed risk of pesticide leaching to groundwater in England and Wales. *The Science of The Total Environment* 318: 73-88.
Rejection Code: MODELING.
- Holthues, H, Pfeifer-Fukumura, U, Hartmann, I, and Baumann, W (2001). An immunoassay for terbutryn using direct hapten linkage to a glutaraldehyde network on the polystyrene surface of standard microtiter plates. *Fresenius' Journal Of Analytical Chemistry* 371: 897-902.
Rejection Code: NO SPECIES.
- Holthues, H., Pfeifer-Fukumura, U., Sound, I., and Baumann, W. (2005). Evaluation of the concept of heterology in a monoclonal antibody-based ELISA utilizing direct hapten linkage to polystyrene microtiter plates. *Journal of Immunological Methods* 304: 68-77.
Rejection Code: METHODS.
- Hopenhayn Rich, C., Stump, M. L., and Browning, S. R. (2002). Regional Assessment of Atrazine Exposure and Incidence of Breast and Ovarian Cancers in Kentucky. *Archives of Environmental Contamination and Toxicology [Arch. Environ. Contam. Toxicol.]*. Vol. 42, no. 1, pp. 127-136. Jan 2002.
Rejection Code: HUMAN HEALTH.
- Horikoshi, Satoshi and Hidaka, Hisao (2003). Non-degradable triazine substrates of atrazine and cyanuric acid hydrothermally and in supercritical water under the UV-illuminated photocatalytic cooperation. *Chemosphere* 51: 139-142.

Rejection Code: FATE.

Hu, Hongtao, Lin, Xueyu, and Lu, Yongsan (2003). Experimental research on bioremediation of groundwater contaminated by herbicide atrazine. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 24: 144-147.
Rejection Code: NON ENGLISH.

Huang, G, Li, Q, and Zhang, X (2003). Adsorption and desorption of atrazine by three soils. *Bulletin Of Environmental Contamination And Toxicology* 71: 655-661.
Rejection Code: FATE.

Huang, Honglin, Zhang, Shuzhen, Shan, Xiao-quan, Chen, Bao-Dong, Zhu, Yong-Guan, and Bell, J. Nigel B. (Effect of arbuscular mycorrhizal fungus (*Glomus caledonium*) on the accumulation and metabolism of atrazine in maize (*Zea mays* L.) and atrazine dissipation in soil. *Environmental Pollution* In Press, Corrected Proof: 731.
Rejection Code: NO SOURCE.

Huber, Marc M, Canonica, Silvio, Park, Gun-Young , and von Gunten, Urs (2003). Oxidation of pharmaceuticals during ozonation and advanced oxidation processes. *Environmental Science & Technology* 37: 1016-1024.
Rejection Code: FATE.

Hyer, Kenneth E., Hornberger, George M., and Herman, Janet S. (2001). Processes controlling the episodic streamwater transport of atrazine and other agrichemicals in an agricultural watershed. *Journal of Hydrology* 254: 47-66.
Rejection Code: FATE.

Ikeda, Yumi, Ohki, Shinpei, Koizumi, Kazuya, Tanaka, Akira, Watanabe, Hiroyuki, Kohno, Hitoshi , van Rensen, Jack J S, Boger, Peter, and Wakabayashi, Ko (2003). Binding site of novel 2-benzylamino-4-methyl-6-trifluoromethyl-1,3,5-triazine herbicides in the D1 protein of Photosystem II. *Photosynthesis Research* 77: 35-43.
Rejection Code: IN VITRO.

Ilani, Talli, Schulz, Elke, and Chefetz, Benny (Interactions of organic compounds with wastewater dissolved organic matter: role of hydrophobic fractions. *Journal Of Environmental Quality* 34: 552-562.
Rejection Code: NO TOX DATA.

Inoue, M., Oliveira, J. r. R, Regitano, J., Tormena, C., Constantin, J., and Tornisielo, V. (2006). Sorption-desorption of atrazine and diuron in soils from southern Brazil. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 605-621, 2006 .
Rejection Code: FATE.

Inoue, Miriam H, Oliveira, Rubem S Jr, Regitano, Jussara B, Tormena, Cassio A, Constantin, Jamil, and Tornisielo, Valdemar L (2004). Sorption kinetics of atrazine and diuron in soils from southern Brazil. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 39: 589-601.
Rejection Code: FATE.

Ishihara, Yasuhiro, Shiba, Dai, and Shimamoto, Norio (2005). Primary hepatocyte apoptosis is unlikely to relate to caspase-3 activity under sustained endogenous oxidative stress. *Free Radical Research* 39: 163-173.
Rejection Code: IN VITRO.

Issa, Salah and Wood, Martin (2005). Degradation of atrazine and isoproturon in surface and sub-surface soil materials undergoing different moisture and aeration conditions. *Pest Management Science* 61: 126-132.
Rejection Code: FATE.

- Jablonkai, Istvan (2003). Alkylating reactivity and herbicidal activity of chloroacetamides. *Pest Management Science* 59: 443-450.
Rejection Code: IN VITRO.
- Jacobsen, C. S., Shapir, N., Jensen, L. O., Jensen, E. H., Juhler, R. K., Streibig, J. C., Mandelbaum, R. T., and Helweg, A. (2001). Bioavailability of triazine herbicides in a sandy soil profile. *Biology and Fertility of Soils [Biol. Fertility Soils]*. Vol. 33, no. 6, pp. 501-506. 2001.
Rejection Code: FATE.
- Jain, Seema Rani, Borowska, Ewa, Davidsson, Richard, Tudorache, Madalina, Ponten, Einar, and Emneus, Jenny (2004). A chemiluminescence flow immunosensor based on a porous monolithic metacrylate and polyethylene composite disc modified with protein G. *Biosensors & Bioelectronics* 19: 795-803.
Rejection Code: CHEM METHODS.
- Jia, Yue, Wang, Rong, and Fane, Anthony G. (2006). Atrazine adsorption from aqueous solution using powdered activated carbon--Improved mass transfer by air bubbling agitation. *Chemical Engineering Journal* 116: 53-59.
Rejection Code: METHODS.
- Jiao, Bao-juan, Chen, San-ping, Zhao, Feng-qi, Hu, Rong-zu, and Gao, Sheng-li (A new high-nitrogen compound [Mn (ATZ)(H₂O)₄][middle dot]2H₂O: Synthesis and characterization. *Journal of Hazardous Materials In Press*, Accepted Manuscript.
Rejection Code: METHODS.
- Jin, R. e. n. and Ke Jiang (2002). Impact of Atrazine Disposal on the Water Resources of the Yang River in Zhangjiakou Area in China. *Bulletin of Environmental Contamination and Toxicology [Bull. Environ. Contam. Toxicol.]*. Vol. 68, no. 6, pp. 893-900. Jun 2002.
Rejection Code: FATE.
- Johannesen, Helle and Aamand, Jens (2003). Mineralization of aged atrazine, terbuthylazine, 2,4-D, and mecoprop in soil and aquifer sediment. *Environmental Toxicology And Chemistry / SETAC* 22: 722-729.
Rejection Code: NO TOX DATA.
- Johnson, Andrew C, White, Craig, Bhardwaj, C Lal , and Dixon, Andy (2003). The ability of indigenous micro-organisms to degrade isoproturon, atrazine and mecoprop within aerobic UK aquifer systems. *Pest Management Science* 59: 1291-1302.
Rejection Code: BACTERIA.
- Jones, James J (2004). EPA not responsible for 'uninvitation' of a critic. *Nature* 432: 799.
Rejection Code: ABSTRACT.
- Kaiser, Jocelyn (2003). Economics. Wielding the data-quality cudgel. *Science* 299: 1837.
Rejection Code: NO TOX DATA, ABSTRACT.
- Kalita, P. K., Algoazany, A. S., Mitchell, J. K. , Cooke, R. A. C., and Hirschi, M. C. (2006). Subsurface water quality from a flat tile-drained watershed in Illinois, USA. *Agriculture, Ecosystems & Environment* 115: 183-193.
Rejection Code: SURVEY.
- Kalkhoff, Stephen J, Lee, Kathy E, Porter, Stephen D, Terrio, Paul J, and Thurman, E Michael (Herbicides and herbicide degradation products in Upper Midwest agricultural streams during August base-flow conditions. *Journal Of Environmental Quality* 32: 1025-1035.
Rejection Code: FATE.
- Kamra, S K, Lennartz, B, Van Genuchten, M T, and Widmoser, P (2001). Evaluating non-equilibrium solute

- transport in small soil columns. *Journal Of Contaminant Hydrology* 48: 189-212.
Rejection Code: FATE.
- Kang, Kyoung Ah, Lee, Kyoung Hwa, Chae, Sungwook , Zhang, Rui, Jung, Myung Sun, Lee, Youngki, Kim, So Young, Kim, Hee Sun, Joo, Hong Gu, and Park, Jae Woo (Eckol isolated from Ecklonia cava attenuates oxidative stress induced cell damage in lung fibroblast cells. *FEBS Letters* In Press, Uncorrected Proof.
Rejection Code: NO SOURCE.
- Kao, C M, Wang, J Y, Chen, K F, Lee, H Y, and Wu, M J (2002). Non-point source pesticide removal by a mountainous wetland. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 46: 199-206.
Rejection Code: FATE.
- Kao, C M, Wang, J Y, and Wu, M J (2001). Evaluation of atrazine removal processes in a wetland. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 539-544.
Rejection Code: FATE.
- Karpel Vel Leitner, N., Syoen, G., Romat, H., Urashima, K., and Chang, J.-S. (2005). Generation of active entities by the pulsed arc electrohydraulic discharge system and application to removal of atrazine. *Water Research* 39: 4705-4714.
Rejection Code: CHEM METHODS.
- Katz, Ilan, Dosoretz, Carlos G., Mandelbaum, Raphi T., and Green, Michal (2001). Atrazine degradation under denitrifying conditions in continuous culture of Pseudomonas ADP. *Water Research* 35: 3272-3275.
Rejection Code: FATE.
- Kaur, Jasdeep, Singh, Kanwar Vikas, Schmid, Ashwini Hirlekar, Varshney, Grish C., Suri, C. Raman, and Raje, Manoj (2004). Atomic force spectroscopy-based study of antibody pesticide interactions for characterization of immunosensor surface. *Biosensors and Bioelectronics* 20: 284-293 .
Rejection Code: CHEM METHODS.
- Kawahigashi, H., Hirose, S., Ohkawa, H., and Ohkawa, Y. (2003). Transgenic rice plants expressing human CYP1A1 exude herbicide metabolites from their roots. *Plant Science*, 165 (2) pp. 373-381, 2003.
Rejection Code: HUMAN HEALTH.
- Kawasaki, T, Tokuhiko, M, Kimizuka, N, and Kunitake, T (2001). Hierarchical self-assembly of chiral complementary hydrogen-bond networks in water: reconstitution of supramolecular membranes. *Journal Of The American Chemical Society* 123: 6792-6800.
Rejection Code: CHEM METHODS.
- Keller, J. M. and McClellan-Green, P. *. (2004). Effects of organochlorine compounds on cytochrome P450 aromatase activity in an immortal sea turtle cell line. *Marine environmental research [Mar. Environ. Res.]*. Vol. 58, no. 2-5, pp. 347-351. 2004.
Rejection Code: IN VITRO.
- Kesseru, Peter, Kiss, Istvan, Bihari, Zoltan, and Polyak, Bela (2002). The effects of NaCl and some heavy metals on the denitrification activity of Ochrobactrum anthropi. *Journal Of Basic Microbiology* 42: 268-276.
Rejection Code: BACTERIA.
- Key, P B, Fulton, M H, Harman-Fetcho, J A, and McConnell, L L (2003). Acetylcholinesterase activity in grass shrimp and aqueous pesticide levels from South Florida drainage canals. *Archives Of Environmental Contamination And Toxicology* 45: 371-377.
Rejection Code: MIXTURE,SURVEY.
- Key, Peter, Chung, Katy, Siewicki, Tom, and Fulton, Mike (Toxicity of three pesticides individually and in mixture

- to larval grass shrimp (*Palaemonetes pugio*). *Ecotoxicology and Environmental Safety* In Press, Corrected Proof: 372.
Rejection Code: NO SOURCE.
- Khaled, Amira, Ivannikova, Tatiana, and Auge, Claudine (2004). Synthesis of unnatural sugar nucleotides and their evaluation as donor substrates in glycosyltransferase-catalyzed reactions. *Carbohydrate Research* 339: 2641-2649.
Rejection Code: CHEM METHODS.
- Khrolenko, Maxim, Dzygiel, Pawel, and Wieczorek, Piotr (2002). Combination of supported liquid membrane and solid-phase extraction for sample pretreatment of triazine herbicides in juice prior to capillary electrophoresis determination. *Journal Of Chromatography* 975: 219-227.
Rejection Code: CHEM METHODS.
- Khromonygina, V V, Saltykova, A I, Vasil'chenko, L G, Kozlov, Iu P, and Rabinovich, M L (Degradation of the herbicide atrazine by the soil mycelial fungus INBI 2-26(-)--a producer of cellobiose dehydrogenase. *Prikladnaia Biokhimiia i Mikrobiologiia* 40: 337-343 .
Rejection Code: NON-ENGLISH.
- Killard, Anthony J., Micheli, Laura, Grennan, Kathleen, Franek, Milan, Kolar, Vladimir, Moscone, Danila, Palchetti, Ilaria, and Smyth, Malcolm R. (2001). Amperometric separation-free immunosensor for real-time environmental monitoring. *Analytica Chimica Acta* 427: 173-180.
Rejection Code: CHEM METHODS.
- Kim, D-S, Kumar, A, Parab, R, and Palmer, M (2004). Simulation of atrazine discharge in the Auglaize Watershed using satellite-generated images. *Bulletin Of Environmental Contamination And Toxicology* 73: 319-325.
Rejection Code: NO TOX DATA.
- Kim, Jae-Young, Mulchandani, Ashok, and Chen, Wilfred (2003). An immunoassay for atrazine using tunable immunosorbent. *Analytical Biochemistry* 322: 251-256.
Rejection Code: CHEM METHODS.
- Kiso, Yoshiaki, Mizuno, Atsuo, Othman, Rabi Atul Adawiah binti, Jung, Yong-Jun, Kumano, Atsuo, and Arij, Akihiro (2002). Rejection properties of pesticides with a hollow fiber NF membrane (HNF-1). *Desalination* 143: 147-157.
Rejection Code: CHEM METHODS.
- Kniewals, J., Kmetic, I., Gaurina Srcek, V., Simic, B., and Kniewald, Z. (2003). 411 Cytotoxicity of herbicide atrazine on Chinese hamster ovary cell line in monolayer. *Toxicology Letters* 144: s111-s112.
Rejection Code: IN VITRO.
- Knight, Jonathan (2003). Scientists attack industrial influence. *Nature* 426: 741.
Rejection Code: ABSTRACT.
- Kodama, Tohru, Ding, Linxian, Yoshida, Makiko, and Yajima, Masao (2001). Biodegradation of an s-triazine herbicide, simazine. *Journal of Molecular Catalysis B: Enzymatic* 11: 1073-1078.
Rejection Code: FATE.
- Kolpin, Dana W., Thurman, E. Michael, Lee, Edward A., Meyer, Michael T., Furlong, Edward T., and Glassmeyer, Susan T. (2006). Urban contributions of glyphosate and its degradate AMPA to streams in the United States. *Science of The Total Environment* 354: 191-197.
Rejection Code: EFFLUENT.
- Koneva, N D (Characterization and in situ monitoring of atrazine-transforming bacteria. *Mikrobiologiia* 73: 763-767.

Rejection Code: NON ENGLISH.

Konstantinou, I. K., Zarkadis, A. K., and Albanis, T. A. (2001). Photodegradation of selected herbicides in various natural waters and soils under environmental conditions. *Journal of Environmental Quality*, 30 (1) pp. 121-130, 2001.

Rejection Code: FATE.

Konstantinou, Ioannis K., Hela, Dimitra G., and Albanis, Triantafyllos A. (The status of pesticide pollution in surface waters (rivers and lakes) of Greece. Part I. Review on occurrence and levels. *Environmental Pollution* In Press, Corrected Proof.

Rejection Code: REVIEW,NO SOURCE.

Koroleva, O V, Stepanova, E V, Landesman, E O, Vasil'chenko, L G, Khromonygina, V V, Zherdev, A V, and Rabinovich, M L (Immunoenzyme analysis of decomposition of herbicides by soil and wood-rot fungi. *Prikladnaia Biokhimiia i Mikrobiologiia* 38: 413-418.

Rejection Code: NON ENGLISH.

Kottler, B D, White, J C, and Kelsey, J W (2001). Influence of soil moisture on the sequestration of organic compounds in soil. *Chemosphere* 42: 893-898.

Rejection Code: FATE.

Kristensen, G B, Johannesen, H, and Aamand, J (2001). Mineralization of aged atrazine and mecoprop in soil and aquifer chalk . *Chemosphere* 45: 927-934.

Rejection Code: NO TOX DATA.

Kruawal, Kornprabha, Sacher, Frank, Werner, Andreas, Muller, Jutta, and Knepper, Thomas P. (2005). Chemical water quality in Thailand and its impacts on the drinking water production in Thailand. *Science of The Total Environment* 340: 57-70.

Rejection Code: NO TOX DATA.

Krutz, Larry Jason, Senseman, Scott Allen, McInnes, Kevin Joseph, Zuberer, David Allen, and Tierney, Dennis Patrick (2003). Adsorption and desorption of atrazine, desethylatrazine, deisopropylatrazine, and hydroxyatrazine in vegetated filter strip and cultivated soil. *Journal Of Agricultural And Food Chemistry* 51: 7379-7384.

Rejection Code: FATE.

Kuang, Zhihua, McConnell, Laura L, Torrents, Alba, Meritt, Donald, and Tobash, Stephanie (Atmospheric deposition of pesticides to an agricultural watershed of the Chesapeake Bay. *Journal Of Environmental Quality* 32: 1611-1622.

Rejection Code: SURVEY.

Kusharyoto, Wien, Pleiss, Jurgen, Bachmann, Till T, and Schmid, Rolf D (2002). Mapping of a hapten-binding site: molecular modeling and site-directed mutagenesis study of an anti-atrazine antibody. *Protein Engineering* 15: 233-241.

Rejection Code: MODELING.

Kuster, Anette and Altenburger, Rolf (2007). Development and validation of a new fluorescence-based bioassay for aquatic macrophyte species. *Chemosphere* 67: 194-201.

Rejection Code: IN VITRO.

Laabs, V, Amelung, W, Pinto, A, and Zech, W (Fate of pesticides in tropical soils of Brazil under field conditions. *Journal Of Environmental Quality* 31: 256-268 .

Rejection Code: FATE.

Laabs, V., Wehrhan, A., Pinto, A., Does, E., and Amelung, W. (2007). Pesticide fate in tropical wetlands of Brazil:

- An aquatic microcosm study under semi-field conditions. *Chemosphere* 67: 975-989.
Rejection Code: FATE.
- Labidi, M, Ahmad, D, Halasz, A, and Hawari, J (2001). Biotransformation and partial mineralization of the explosive 2,4,6-trinitrotoluene (TNT) by rhizobia. *Canadian Journal Of Microbiology* 47: 559-566.
Rejection Code: BACTERIA.
- Labrou, Nikolaos E, Kotzia, Georgia A, and Clonis, Yannis D (2004). Engineering the xenobiotic substrate specificity of maize glutathione S-transferase I. *Protein Engineering, Design & Selection: PEDS* 17: 741-748.
Rejection Code: IN VITRO.
- Lackhoff, Marion and Niessner, Reinhard (2002). Photocatalytic atrazine degradation by synthetic minerals, atmospheric aerosols, and soil particles. *Environmental Science & Technology* 36: 5342-5347.
Rejection Code: FATE.
- Lange, S, Schmitt, J, and Schmid, R D (2001). High-yield expression of the recombinant, atrazine-specific Fab fragment K411B by the methylotrophic yeast *Pichia pastoris*. *Journal Of Immunological Methods* 255: 103-114.
Rejection Code: YEAST.
- Lapworth, D. J. and Goody, D. C. (Source and persistence of pesticides in a semi-confined chalk aquifer of southeast England. *Environmental Pollution* In Press, Corrected Proof.
Rejection Code: FATE.
- Larocque, M., Banton, O., and Lafrance, P. (1998). Simulating the Fate of Atrazine and Deethylatrazine in a Quebec Soil Planted with Corn - Application of the AgriFlux Model (Simulation par le Modele AgriFlux du Devenir de l'Atrazine et du Deethylatrazine dans un sol du Quebec sous mais Sucre). *Rev.Sci.Eau* 11: 191-208.
Rejection Code: NON-ENGLISH.
- Larsen, Gitte G, Appel, Karen F, Wolff, Anne-Mette, Nielsen, Jens, and Arnau, Jose (2004). Characterisation of the *Mucor circinelloides* regulated promoter *gpd1P*. *Current Genetics* 45: 225-234.
Rejection Code: NO TOX DATA.
- Larsen, L and Aamand, J (2001). Degradation of herbicides in two sandy aquifers under different redox conditions. *Chemosphere* 44: 231-236.
Rejection Code: NO TOX DATA.
- Larsen, L, Jorgensen, C, and Aamand, J (Potential mineralization of four herbicides in a ground water--fed wetland area. *Journal Of Environmental Quality* 30: 24-30.
Rejection Code: NO TOX DATA.
- Latosinska, J. N. (2003). ¹³C CP/MAS NMR and DFT studies of thiazides. *Journal of Molecular Structure* 646: 211-225.
Rejection Code: CHEM METHODS.
- Latosinska, J. N., Latosinska, M., Utrecht, R., Mielcarek, S., and Pietrzak, J. (2004). Molecular dynamics of solid benzothiadiazine derivatives (Thiazides). A study by NMR, DTA and DFT methods. *Journal of Molecular Structure* 694: 211-217.
Rejection Code: METHODS.
- Lavado, Ramon, Thibaut, Remi, Raldua, Demetrio, Martin, Rebeca, and Porte, Cinta (2004). First evidence of endocrine disruption in feral carp from the Ebro River. *Toxicology and Applied Pharmacology* 196: 247-257.

Rejection Code: SURVEY, IN VITRO.

Lavignac, Nathalie, Allender, Christopher J., and Brain, Keith R. (2004). 4-(3-Aminopropylene)-7-nitrobenzofurazan: a new polymerisable monomer for use in homogeneous molecularly imprinted sorbent fluoroassays. *Tetrahedron Letters* 45: 3625-3627.

Rejection Code: CHEM METHODS.

Lavignac, Nathalie, Brain, Keith R., and Allender, Christopher J. (2006). Concentration dependent atrazine-atrazine complex formation promotes selectivity in atrazine imprinted polymers. *Biosensors and Bioelectronics* 22: 138-144.

Rejection Code: METHODS.

Lawrence, J R, Scharf, B, Packroff, G, and Neu, T R (2002). Microscale evaluation of the effects of grazing by invertebrates with contrasting feeding modes on river biofilm architecture and composition. *Microbial Ecology* 44: 199-207.

Rejection Code: BACTERIA.

Le Pennec, G and Le Pennec, M (2001). Evaluation of the toxicity of chemical compounds using digestive acini of the bivalve mollusc *Pecten maximus* L. maintained alive in vitro. *Aquatic Toxicology (Amsterdam, Netherlands)* 53: 1-7.

Rejection Code: IN VITRO.

Lee, Seungsin and Obendorf, S Kay (2005). Statistical model of pesticide penetration through woven work clothing fabrics. *Archives Of Environmental Contamination And Toxicology* 49: 266-273.

Rejection Code: MODELING.

Legler, Juliette, Dennekamp, Martine, Vethaak, A Dick, Brouwer, Abraham, Koeman, Jan H, van der Burg, Bart, and Murk, Albertinka J (2002). Detection of estrogenic activity in sediment-associated compounds using in vitro reporter gene assays. *The Science Of The Total Environment* 293: 69-83.

Rejection Code: IN VITRO.

Lei, Yu, Mulchandani, Priti, Chen, Wilfred, and Mulchandani, Ashok (2005). Direct determination of p-nitrophenyl substituent organophosphorus nerve agents using a recombinant *Pseudomonas putida* JS444-modified Clark oxygen electrode. *Journal Of Agricultural And Food Chemistry* 53: 524-527.

Rejection Code: METHODS.

Lei, Z F, Ye, C M, and Wang, X J (2001). Hydrolysis kinetics of atrazine and influence factors. *Journal Of Environmental Sciences (China)* 13: 99-103.

Rejection Code: FATE.

Lemic, Jovan, Kovacevic, Divna, Tomasevic-Canovic, Magdalena, Kovacevic, Dragana, Stanic, Tanja, and Pfend, Robert (2006). Removal of atrazine, lindane and diazinone from water by organo-zeolites. *Water Research* 40: 1079-1085.

Rejection Code: METHODS.

Lerch, R N and Blanchard, P E (2003). Watershed vulnerability to herbicide transport in northern Missouri and southern Iowa streams. *Environmental Science & Technology* 37: 5518-5527.

Rejection Code: FATE.

Lesan, Heather M and Bhandari, Alok (2003). Atrazine sorption on surface soils: time-dependent phase distribution and apparent desorption hysteresis. *Water Research* 37: 1644-1654.

Rejection Code: FATE.

Lesan, Heather M. and Bhandari, Alok (2004). Contact-time-dependent atrazine residue formation in surface soils. *Water Research* 38: 4435-4445.

Rejection Code: FATE.

Leterme, Bertrand, Vanclooster, Marnik, Rounsevell, Mark D. A., and Bogaert, Patrick (Discriminating between point and non-point sources of atrazine contamination of a sandy aquifer. *Science of The Total Environment* In Press, Corrected Proof.

Rejection Code: NO TOX DATA.

Leu, Christian, Singer, Heinz, Muller, Stephan R , Schwarzenbach, Rene P, and Stamm, Christian (Comparison of atrazine losses in three small headwater catchments. *Journal Of Environmental Quality* 34: 1873-1882.

Rejection Code: FATE.

Leu, Christian, Singer, Heinz, Stamm, Christian, Muller, Stephan R, and Schwarzenbach, Rene P (2004). Simultaneous assessment of sources, processes, and factors influencing herbicide losses to surface waters in a small agricultural catchment. *Environmental Science & Technology* 38: 3827-3834.

Rejection Code: FATE.

Leu, Christian, Singer, Heinz, Stamm, Christian, Muller, Stephan R, and Schwarzenbach, Rene P (2004). Variability of herbicide losses from 13 fields to surface water within a small catchment after a controlled herbicide application. *Environmental Science & Technology* 38: 3835-3841.

Rejection Code: FATE.

Lewis, Michael A., Boustany, Ronald G., Dantin, Darrin D., Quarles, Robert L., Moore, James C., and Stanley, Roman S. (2002). Effects of a Coastal Golf Complex on Water Quality, Periphyton, and Seagrass. *Ecotoxicology and Environmental Safety* 53: 154-162.

Rejection Code: SURVEY.

Li, Aiqun, May, Matthew P., and Bigelow, James C. (2006). Identification of a metabolite of atrazine, N-ethyl-6-methoxy-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine, upon incubation with rat liver microsomes. *Journal of Chromatography B* 836: 129-132.

Rejection Code: METABOLISM.

Li, Min, Wu, Robert S, Tsai, Shiow-Fen, Rosen, Steven M, DiCesare, Joseph, Tsai, Jane S C, and Salamone, Salvatore J (2003). Development of a microparticle-based on-site immunoassay for the detection of atrazine in soil and water samples. *The Analyst* 128: 65-69.

Rejection Code: CHEM METHODS.

Li, Qilin, Marinas, Benito J, Snoeyink, Vernon L, and Campos, Carlos (2003). Three-component competitive adsorption model for flow-through PAC systems. 1. Model development and verification with a PAC/membrane system. *Environmental Science & Technology* 37: 2997-3004.

Rejection Code: MODELING.

Li, Qilin, Marinas, Benito J, Snoeyink, Vernon L, and Campos, Carlos (2003). Three-component competitive adsorption model for flow-through PAC systems. 2. Model application to a PAC/membrane system. *Environmental Science & Technology* 37: 3005-3011.

Rejection Code: MODELING.

Li, Qilin, Snoeyink, Vernon L, Campos, Carlos, and Marinas, Benito J (2002). Displacement effect of NOM on atrazine adsorption by PACs with different pore size distributions. *Environmental Science & Technology* 36: 1510-1515.

Rejection Code: FATE.

Li, Qilin, Snoeyink, Vernon L, Mariaas, Benito J, and Campos, Carlos (2003). Elucidating competitive adsorption mechanisms of atrazine and NOM using model compounds. *Water Research* 37: 773-784.

Rejection Code: MODELING.

- Li, Qilin, Snoeyink, Vernon L, Marinas, Benito J, and Campos, Carlos (2003). Pore blockage effect of NOM on atrazine adsorption kinetics of PAC: the roles of PAC pore size distribution and NOM molecular weight. *Water Research* 37: 4863-4872.
Rejection Code: FATE.
- Li, Qingbo, Huang, Guohong, Wang, Yanhong, and Liu, Xiaoyi (2002). Advances of studies on ecological risk of herbicide atrazine and its determination and remediation. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 13: 625-628.
Rejection Code: NON ENGLISH.
- Li, Y R, Huang, G H, Li, Y F, Struger, J, and Fischer, J D (2003). A pesticide runoff model for simulating runoff losses of pesticides from agricultural lands. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 47: 33-40.
Rejection Code: MODELING, FATE.
- Li, Yue-Ren, Li, Yi-Fan, Struger, John, Chen, Bing, and Huang, Gordon H (2003). Pesticide runoff model (PeRM): a case study for the Kintore Creek Watershed, Ontario, Canada. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 38: 257-273.
Rejection Code: MODELING.
- Lin, A J, Zhu, Y G, Tong, Y P, and Geng, C N (2005). Evaluation of genotoxicity of combined pollution by cadmium and atrazine. *Bulletin Of Environmental Contamination And Toxicology* 74: 589-596.
Rejection Code: MIXTURE.
- Lin, C. H., Lerch, R. N., Garrett, H. E., Johnson, W. G., Jordan, D., and George, M. F. (2003). Bioremediation and Biodegradation: The Effect of Five Forage Species on Transport and Transformation of Atrazine and Isoxaflutole (Balance) in Lysimeter Leachate. *Journal of Environmental Quality*, 32 (6) pp. 1992-2000, 2003.
Rejection Code: FATE.
- Ling, Wan-Ting, Wang, Hai-Zhen, Xu, Jian-Ming, and Gao, Yan-Zheng (2005). Sorption of dissolved organic matter and its effects on the atrazine sorption on soils. *Journal Of Environmental Sciences (China)* 17: 478-482.
Rejection Code: FATE.
- Ling, Wanting, Xu, Jianming, and Gao, Yanzheng (2005). Effects of dissolved organic matter from sewage sludge on the atrazine sorption by soils. *Science In China. Series C, Life Sciences / Chinese Academy Of Sciences* 48: 57-66.
Rejection Code: FATE.
- Lippa, K A and Roberts, A L (2002). Nucleophilic aromatic substitution reactions of chloroazines with bisulfide (HS-) and polysulfides (Sn2-). *Environmental Science & Technology* 36: 2008-2018.
Rejection Code: CHEM METHODS.
- Little, Monica K. and Crawley, Charlene D. (2002). On-line pre-concentration of atrazine by antibody immobilization capillary electrophoresis. *Analytica Chimica Acta* 464: 25-35.
Rejection Code: CHEM METHODS.
- Liu, Bo, McConnell, Laura L, and Torrents, Alba (2002). Herbicide and insecticide loadings from the Susquehanna River to the northern Chesapeake Bay. *Journal Of Agricultural And Food Chemistry* 50: 4385-4392.
Rejection Code: FATE.
- Liu, Guang-shen, Xu, Dong-mei, Wang, Li-ming, Li, Ke-bin, and Liu, Wei-ping (2004). Effect of organic/inorganic compounds on the enzymes in soil under acid rain stress. *Journal Of Environmental Sciences (China)* 16:

177-180.

Rejection Code: NO SPECIES.

Liu, Guangshen, Xu, Dongmei, Li, Kebin, and Liu, Weiping (2004). Effect of acid rain, copper, and atrazine on soil hydrolase activity. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 15: 127-130.

Rejection Code: NON ENGLISH.

Liu, Wei-ping, Cai, Xi-yun, Xu, Zhong-jian, Li, Ke-bin, and Xu, Dong-mei (2004). Simultaneous determination of four-components in mixed herbicides by modified target factor analysis-UV spectrophotometry. *Guang Pu Xue Yu Guang Pu Fen Xi = Guang Pu* 24: 459-462.

Rejection Code: NON-ENGLISH.

Liu, Weiping, Yang, Weichun, Liu, Huijun, and Chen, Xueping (2002). Influence of atrazine on the tyrosine environment of catalase. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 23: 86-90.

Rejection Code: NON ENGLISH.

Loiseau, Ludovic and Barriuso, Enrique (2002). Characterization of the atrazine's bound (nonextractable) residues using fractionation techniques for soil organic matter. *Environmental Science & Technology* 36: 683-689.

Rejection Code: METHODS.

Lopez-Flores, Rocio, Quintana, Xavier D., Salvado, Victoria, Hidalgo, Manuela, Sala, Lluís, and Moreno-Amich, Ramon (2003). Comparison of nutrient and contaminant fluxes in two areas with different hydrological regimes (Emporda Wetlands, NE Spain). *Water Research* 37: 3034-3046.

Rejection Code: SURVEY.

Lopez-Gutierrez, Juan C, Philippot, Laurent, and Martin-Laurent, Fabrice (2005). Impact of maize mucilage on atrazine mineralization and atzC abundance. *Pest Management Science* 61: 838-844.

Rejection Code: BACTERIA.

Lopez, L, Pozo, C, Rodelas, B, Calvo, C, Juarez, B, Martinez-Toledo, M V, and Gonzalez-Lopez, J (2005). Identification of bacteria isolated from an oligotrophic lake with pesticide removal capacities. *Ecotoxicology (London, England)* 14: 299-312.

Rejection Code: BACTERIA.

Lu, Jianhang, Wu, Laosheng, Letey, John, and Farmer, Walter J (Anionic polyacrylamide effects on soil sorption and desorption of metolachlor, atrazine, 2,4-D, and picloram. *Journal Of Environmental Quality* 31: 1226-1233.

Rejection Code: FATE.

Luo, Chunhua, Liu, Mengqin, Mo, Yunchun, Qu, Jingnian, and Feng, Yonglan (2001). Thickness-shear mode acoustic sensor for atrazine using molecularly imprinted polymer as recognition element. *Analytica Chimica Acta* 428: 143-148.

Rejection Code: CHEM METHODS.

Lytle, Julia S and Lytle, Thomas F (2002). Uptake and loss of chlorpyrifos and atrazine by *Juncus effusus* L. in a mesocosm study with a mixture of pesticides. *Environmental Toxicology And Chemistry / SETAC* 21: 1817-1825.

Rejection Code: FATE.

Ma, L. and Selim, H. M. (2005). Predicting pesticide transport in mulch-amended soils: A two-compartment model. *Soil Science Society of America Journal*, 69 (2) pp. 318-327, 2005.

Rejection Code: MODELING, FATE.

- Ma, Mei, Wang, Chunxia, and Wang, Zijian (2005). Assessing toxicities of hydrophobic organic pollutants in Huaihe River by using two types of sampling. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 40: 331-342.
Rejection Code: MIXTURE.
- Ma, Qingli, Wauchope, R Don, Ma, Liwang, Rojas, Kenneth W, Malone, Robert W, and Ahuja, Lajpat R (2004). Test of the Root Zone Water Quality Model (RZWQM) for predicting runoff of atrazine, alachlor and fenamiphos species from conventional-tillage corn mesoplots. *Pest Management Science* 60: 267-276.
Rejection Code: MODELING.
- Ma, Qingli, Wauchope, R Don, Rojas, Kenneth W, Ahuja, Lajpat R, Ma, Liwang, and Malone, Robert W (2004). The pesticide module of the Root Zone Water Quality Model (RZWQM): testing and sensitivity analysis of selected algorithms for pesticide fate and surface runoff. *Pest Management Science* 60: 240-252.
Rejection Code: MODELING.
- Macyk, Wojciech, Burgeth, Gerald, and Kisch, Horst (2003). Photoelectrochemical properties of platinum(IV) chloride surface modified TiO₂. *Photochemical & Photobiological Sciences: Official Journal Of The European Photochemistry Association And The European Society For Photobiology* 2: 322-328.
Rejection Code: CHEM METHODS.
- Mahler, B. J., Gary, M. O., Canova, M. G., Strom, E. W., and Fahlquist, L. (2006). Volatile Organic Compound and Pesticide Data for Public Water-Supply Reservoirs and Wells, Texas, 1999-2001. *Govt reports announcements & index. NTIS/00520030*.
Rejection Code: FATE.
- Majewska-Nowak, K., Kabsch-Korbutowicz, M., and Dodz, M. (2002). Effects of natural organic matter on atrazine rejection by pressure driven membrane processes. *Desalination* 145: 281-286.
Rejection Code: CHEM METHODS.
- Majewska-Nowak, Katarzyna, Kabsch-Korbutowicz, Malgorzata, Dodz, Monika, and Winnicki, Tomasz (2002). The influence of organic carbon concentration on atrazine removal by UF membranes. *Desalination* 147: 117-122.
Rejection Code: CHEM METHODS.
- Maldonado, M. I., Malato, S., Perez-Estrada, L. A., Gernjak, W., Oller, I., Domenech, Xavier, and Peral, Jose (Partial degradation of five pesticides and an industrial pollutant by ozonation in a pilot-plant scale reactor. *Journal of Hazardous Materials* In Press, Corrected Proof.
Rejection Code: FATE.
- Maleki, N., Absalan, G., Safavi, A., and Farjami, E. (2007). Ultra Trace Adsorptive Stripping Voltammetric Determination of Atrazine in Soil and Water Using Mercury Film Electrode. *Analytica Chimica Acta [Anal. Chim. Acta]. Vol. 581, no. 1, pp. 37-41. Jan 2007*.
Rejection Code: CHEM METHODS.
- Malik, S. I., Terzoudi, G. I. *, and Pantelias, G. E. (2004). SCE analysis in G2 lymphocyte prematurely condensed chromosomes after exposure to atrazine: the non-dose-dependent increase in homologous recombinational events does not support its genotoxic mode of action. *Cytogenetic and Genome Research [Cytogenet. Genome Res.]. Vol. 104, no. 1-4, pp. 315-319. 2004*.
Rejection Code: IN VITRO.
- Malone, R. W., Logsdon, S., Shipitalo, M. J., Weatherington-Rice, J., Ahuja, L., and Ma, L. (2003). Tillage effect on macroporosity and herbicide transport in percolate. *Geoderma* 116: 191-215.
Rejection Code: FATE.
- Malone, R W, Shipitalo, M J, Wauchope, R D, and Sumner, H (Residual and contact herbicide transport through

- field lysimeters via preferential flow. *Journal Of Environmental Quality* 33: 2141-2148.
Rejection Code: FATE.
- Malone, Robert W, Weatherington-Rice, Julie, Shipitalo, Martin J, Fausey, Norman, Ma, Liwang, Ahuja, Lajpat R, Wauchope, R Don, and Ma, Qingli (2004). Herbicide leaching as affected by macropore flow and within-storm rainfall intensity variation: a RZWQM simulation. *Pest Management Science* 60: 277-285.
Rejection Code: FATE.
- Malpass, G. R. P., Miwa, D. W., Machado, S. A. S., Olivi, P., and Motheo, A. J. (Oxidation of the pesticide atrazine at DSA(R) electrodes. *Journal of Hazardous Materials* In Press, Corrected Proof.
Rejection Code: METHODS.
- Maly, J., Di Meo, C., De Francesco, M., Masci, A., Masojidek, J., Sugiura, M., Volpe, A., and Pilloton, R. (2004). Reversible immobilization of engineered molecules by Ni-NTA chelators. *Bioelectrochemistry* 63: 271-275.
Rejection Code: CHEM METHODS.
- Mao, Meng and Ren, Li (Simulating nonequilibrium transport of atrazine through saturated soil. *Ground Water* 42: 500-508.
Rejection Code: FATE.
- Maqbool, Uzma, Anwar-ul-Haq, Qureshi, M Jamil, Iqbal, M Zafar, Hock, B, and Kramer, K (2002). Development of ELISA technique for the analysis of atrazine residues in water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 37: 307-322.
Rejection Code: METHODS.
- Marcacci, S., Raveton, M., Ravanel, P., and Schwitzgue(acute)bel, J. P. (2005). The possible role of hydroxylation in the detoxification of atrazine in mature vetiver (*Chrysopogon zizanioides* Nash) grown in hydroponics. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 60 (5-6) pp. 427-434, 2005.
Rejection Code: FATE.
- Marroig, Gabriel and Cheverud, James M (2004). Cranial evolution in sakis (*Pithecia*, *Platyrrhini*) I: interspecific differentiation and allometric patterns. *American Journal Of Physical Anthropology* 125: 266-278.
Rejection Code: NO TOXICANT.
- Martin-Gullon, I. and Font, R. (2001). Dynamic pesticide removal with activated carbon fibers. *Water Research* 35: 516-520.
Rejection Code: FATE.
- Martin-Laurent, F., Barre(grave)s, B., Wagschal, I., Piutti, S., Devers, M., Soulas, G., and Philippot, L. (2006). Impact of the maize rhizosphere on the genetic structure, the diversity and the atrazine-degrading gene composition of cultivable atrazine-degrading communities. *Plant and Soil*, 282 (1-2) pp. 99-115, 2006.
Rejection Code: BACTERIA.
- Martin-Laurent, Fabrice, Cornet, Laurent, Ranjard, Lionel, Lopez-Gutierrez, Juan-Carlos, Philippot, Laurent, Schwartz, Christophe, Chaussod, Remi, Catroux, Gerard, and Soulas, Guy (2004). Estimation of atrazine-degrading genetic potential and activity in three French agricultural soils. *FEMS Microbiology Ecology* 48: 425-435.
Rejection Code: FATE.
- Martin-Laurent, Fabrice, Piutti, Severine, Hallet, Stephanie, Wagschal, Isabelle, Philippot, Laurent, Catroux, Gerard, and Soulas, Guy (2003). Monitoring of atrazine treatment on soil bacterial, fungal and atrazine-degrading communities by quantitative competitive PCR. *Pest Management Science* 59: 259-268.
Rejection Code: SURVEY.

- Martin-Neto, L, Traghetta, D G, Vaz, C M, Crestana, S, and Sposito, G (On the interaction mechanisms of atrazine and hydroxyatrazine with humic substances. *Journal Of Environmental Quality* 30: 520-525.
Rejection Code: NO TOX DATA.
- Martinez, B, Tomkins, J, Wackett, L P, Wing, R, and Sadowsky, M J (2001). Complete nucleotide sequence and organization of the atrazine catabolic plasmid pADP-1 from *Pseudomonas* sp. strain ADP. *Journal Of Bacteriology* 183: 5684-5697.
Rejection Code: BACTERIA.
- Masse, L., Patni, K., Jui, P. Y., and Clegg, B. S. (1998). Groundwater Quality Under Conventional and No Tillage: II. Atrazine, Deethylatrazine, and Meolachlor. *J.Environ.Qual.* 27: 877-884.
Rejection Code: SURVEY.
- Mata-Sandoval, J C, Karns, J, and Torrents, A (2001). Influence of rhamnolipids and triton X-100 on the biodegradation of three pesticides in aqueous phase and soil slurries. *Journal Of Agricultural And Food Chemistry* 49: 3296-3303.
Rejection Code: FATE.
- Mata-Sandoval, Juan C, Karns, Jeffrey, and Torrents, Alba (2002). Influence of rhamnolipids and triton X-100 on the desorption of pesticides from soils. *Environmental Science & Technology* 36: 4669-4675.
Rejection Code: FATE.
- Mayon, Nicolas, Bertrand, Arnaud, Leroy, Delphine, Malbrouck, Christelle, Mandiki, S. N. M., Silvestre, Frederic, Goffart, Anne , Thome, Jean-Pierre, and Kestemont, Patrick (2006). Multiscale approach of fish responses to different types of environmental contaminations: A case study. *Science of The Total Environment* 367: 715-731.
Rejection Code: EFFLUENT.
- Mazanti, L, Rice, C, Bialek, K, Sparling, D, Stevenson, C, Johnson, W E, Kangas, P, and Rheinstein, J (2003). Aqueous-phase disappearance of atrazine, metolachlor, and chlorpyrifos in laboratory aquaria and outdoor macrocosms. *Archives Of Environmental Contamination And Toxicology* 44: 67-76.
Rejection Code: FATE.
- Mazellier, Patrick and Leverd, Julie (2003). Transformation of 4-tert-octylphenol by UV irradiation and by an H2O2/UV process in aqueous solution. *Photochemical & Photobiological Sciences: Official Journal Of The European Photochemistry Association And The European Society For Photobiology* 2: 946-953.
Rejection Code: CHEM METHODS.
- Mbuya, O S, Nkedi-Kizza, P, and Boote, K J (Fate of atrazine in sandy soil cropped with sorghum. *Journal Of Environmental Quality* 30: 71-77.
Rejection Code: FATE.
- McCarthy, Annette M., Bales, Jerad D., Cope, W. Gregory, and Shea, Damian (2007). Modeling pesticide fate in a small tidal estuary. *Ecological Modelling* 200: 149-159.
Rejection Code: FATE.
- McConnell, Laura L, Harman-Fetcho, Jennifer A, and Hagy, James D 3rd (Measured concentrations of herbicides and model predictions of atrazine fate in the Patuxent River estuary. *Journal Of Environmental Quality* 33: 594-604.
Rejection Code: MODELING, FATE.
- McGowin, Audrey E., Adom, Kafui K., and Obubuafo, Anne K. (2001). Screening of compost for PAHs and pesticides using static subcritical water extraction. *Chemosphere* 45: 857-864.
Rejection Code: METHODS.

- McGuinness, Martina, Ivory, Claire, Gilmartin, Niamh, and Dowling, David N. (2006). Investigation of substrate specificity of wildtype and mutant BphKLB400 (a glutathione S-transferase) from Burkholderia LB400: 13th International Biodeterioration and Biodegradation Symposium: State-of-the-Art in Biodeterioration, Biodegradation, and Bioremediation. *International Biodeterioration & Biodegradation* 58: 203-208.
Rejection Code: BACTERIA.
- McMahon, Kathryn, Bengtson Nash, Susan, Eaglesham, Geoff, Muller, Jochen F, Duke, Norman C, and Winderlich, Steve (2005). Herbicide contamination and the potential impact to seagrass meadows in Hervey Bay, Queensland, Australia. *Marine Pollution Bulletin* 51: 325-334.
Rejection Code: SURVEY.
- McMartin, Dena W, Headley, John V, Wood, Beverley P, and Gillies, Jon A (2003). Photolysis of atrazine and ametryne herbicides in Barbados sugar cane plantation soils and water. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 38: 293-303.
Rejection Code: FATE.
- McMullin, T. S., Brzezicki, J. M., Cranmer, B. K., Tessari, J. D., and Andersen, M. E. (2003). Pharmacokinetic modeling of disposition and time-course studies with [super(14)C]atrazine. *Journal of Toxicology and Environmental Health, Part A: Current Issues [J. Toxicol. Environ. Health, A: Curr. Iss.]*. Vol. 66, no. 10, pp. 941-964. 23 May 2003.
Rejection Code: MODELING.
- McMullin, Tami S., Andersen, Melvin E., Tessari, John D., Cranmer, Brian, and Hanneman, William H. (Estimating constants for metabolism of atrazine in freshly isolated rat hepatocytes by kinetic modeling. *Toxicology in Vitro* In Press, Corrected Proof: 560.
Rejection Code: NO SOURCE.
- McMullin, Tami S, Brzezicki, Jill M, Cranmer, Brian K, Tessari, John D, and Andersen, Melvin E (2003). Pharmacokinetic modeling of disposition and time-course studies with [14C]atrazine. *Journal Of Toxicology And Environmental Health. Part A* 66: 941-964.
Rejection Code: MODELING.
- Mecozzi, Roberta, Di Palma, Luca, and Merli, Carlo (Experimental in situ chemical peroxidation of atrazine in contaminated soil. *Chemosphere* In Press, Corrected Proof.
Rejection Code: FATE.
- Mehmannavaz, R, Prasher, S O, Markarian, N, and Ahmad, D (2001). Biofiltration of residual fertilizer nitrate and atrazine by Rhizobium meliloti in saturated and unsaturated sterile soil columns. *Environmental Science & Technology* 35: 1610-1615.
Rejection Code: BACTERIA.
- Melo, L. F. C., Collins, C. H., and Jardim ICSF (2005). High-performance liquid chromatographic determination of pesticides in tomatoes using laboratory-made NH² and C¹⁸ solid-phase extraction materials. *Journal of Chromatography A*, 1073 (1-2) pp. 75-81, 2005.
Rejection Code: CHEM METHODS.
- Mersie, W., Seybold, C. A., Wu, J., and McNamee, C. (2006). Atrazine and metolachlor sorption to switchgrass residues. *Communications in Soil Science and Plant Analysis*, 37 (3-4) pp. 465-472, 2006.
Rejection Code: NO TOX DATA.
- Meunier, Laurence, Canonica, Silvio, and von Gunten, Urs (2006). Implications of sequential use of UV and ozone for drinking water quality. *Water Research* 40: 1864-1876.
Rejection Code: METHODS.
- Meyer, M T, Thurman, E M, and Goolsby, D A (Differentiating nonpoint sources of deisopropylatrazine in surface

- water using discrimination diagrams. *Journal Of Environmental Quality* 30: 1836-1843.
Rejection Code: FATE.
- Miao, Zewei, Vicari, Alberto, Capri, Ettore, Ventura, Francesca, Padovani, Laura, and Trevisan, Marco (Modeling the effects of tillage management practices on herbicide runoff in northern Italy. *Journal Of Environmental Quality* 33: 1720-1732.
Rejection Code: MODELING.
- Mickelson, S. K., Boyd, P., Baker, J. L., and Ahmed, S. I. (2001). Tillage and herbicide incorporation effects on residue cover, runoff, erosion, and herbicide loss. *Soil and Tillage Research* 60: 55-66.
Rejection Code: FATE.
- Milligan, A. S., Daly, A., Parry, M. A. J., Lazzeri, P. A., and Jepson, I. (2001). The expression of a maize glutathione S-transferase gene in transgenic wheat confers herbicide tolerance, both in planta and in vitro. *Molecular Breeding*, 7 (4) pp. 301-315, 2001.
Rejection Code: IN VITRO.
- Mitchell, C, Brodie, J, and White, I (2005). Sediments, nutrients and pesticide residues in event flow conditions in streams of the Mackay Whitsunday Region, Australia. *Marine Pollution Bulletin* 51: 23-36.
Rejection Code: SURVEY.
- Mizota Kaori and Ueda Hiroshi (2006). Endocrine Disrupting Chemical Atrazine Causes Degranulation through G sub(q/11) Protein-Coupled Neurosteroid Receptor in Mast Cells. *Toxicological Sciences [Toxicol. Sci.]*. Vol. 90, no. 2, pp. 362-368. Apr 2006.
Rejection Code: IN VITRO.
- Montoya, J. C., Costa, J. L., Liedl, R., Bedmar, F., and Daniel, P. (2006). Effects of soil type and tillage practice on atrazine transport through intact soil cores. *Geoderma* 137: 161-173.
Rejection Code: FATE.
- Moore, M. T., Bennett, E. R., Cooper, C. M., Smith, Jr. S., Shields, Jr. F. D., Milam, C. D., and Farris, J. L. (2001). Transport and fate of atrazine and lambda-cyhalothrin in an agricultural drainage ditch in the Mississippi Delta, USA. *Agriculture, Ecosystems & Environment* 87: 309-314.
Rejection Code: FATE.
- Moore, M. T., Lizotte, Jr. R. E., Knight, S. S., Smith, Jr. S., and Cooper, C. M. (Assessment of pesticide contamination in three Mississippi Delta oxbow lakes using *Hyalella azteca*. *Chemosphere* In Press, Corrected Proof: 248.
Rejection Code: NO SOURCE.
- Mordaunt, Catriona J., Gevaio, Bondi, Jones, Kevin C., and Semple, Kirk T. (2005). Formation of non-extractable pesticide residues: observations on compound differences, measurement and regulatory issues. *Environmental Pollution* 133: 25-34.
Rejection Code: CHEM METHODS.
- Moreau-Kervevan, C. and Mouvet, C. (1998). Adsorption and Desorption of Atrazine, Deethylatrazine, and Hydroxyatrazine by Soil Components. *J.Environ.Qual.* 27: 46-54.
Rejection Code: FATE.
- Moreno, Jose L., Aliaga, Asuncion, Navarro, Simon, Hernandez, Teresa, and Garcia, Carlos (Effects of atrazine on microbial activity in semiarid soil. *Applied Soil Ecology* In Press, Corrected Proof.
Rejection Code: BACTERIA.
- Mu(dieresis)ller, K., Trollove, M., James, T. K., and Rahman, A. (2004). Herbicide loss in runoff: Effects of herbicide properties, slope, and rainfall intensity. *Australian Journal of Soil Research*, 42 (1) pp. 17-27,

2004.

Rejection Code: FATE.

Muir, Derek C G, Teixeira, Camilla, and Wania, Frank (2004). Empirical and modeling evidence of regional atmospheric transport of current-use pesticides. *Environmental Toxicology And Chemistry / SETAC* 23: 2421-2432.

Rejection Code: MODELING.

Mulbry, Walter W, Zhu, Hong, Nour, Sarah M, and Topp, Edward (2002). The triazine hydrolase gene *trzN* from *Nocardioide* sp. strain C190: cloning and construction of gene-specific primers. *FEMS Microbiology Letters* 206: 75-79.

Rejection Code: BACTERIA.

Muller, J P and Jekel, M (2001). Comparison of advanced oxidation processes in flow-through pilot plants (part I). *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 44: 303-309.

Rejection Code: FATE.

Muller, Karin, Smith, Roger E, James, Trevor K, Holland, Patrick T, and Rahman, Anis (2004). Prediction of field atrazine persistence in an allophanic soil with Opus2. *Pest Management Science* 60: 447-458.

Rejection Code: FATE.

Muller, Karin, Smith, Roger E, James, Trevor K, Holland, Patrick T, and Rahman, Anis (2003). Spatial variability of atrazine dissipation in an allophanic soil. *Pest Management Science* 59: 893-903.

Rejection Code: FATE.

Munier-Lamy, C, Feuvrier, M P, and Chone, T (Degradation of 14C-atrazine bound residues in brown soil and rendzina fractions. *Journal Of Environmental Quality* 31: 241-247.

Rejection Code: FATE.

Mutavdzicacute, , Dragana, Horvat, Alka J M, Babicacute, , Sandra, and Kastelan-Macan, Marija (2005). SPE--microwave-assisted extraction coupled system for the extraction of pesticides from water samples. *J Sep Sci* 28: 1485-1492.

Rejection Code: METHODS.

Nakamura, Chikashi, Hasegawa, Miki, Nakamura, Noriyuki, and Miyake, Jun (2003). Rapid and specific detection of herbicides using a self-assembled photosynthetic reaction center from purple bacterium on an SPR chip. *Biosensors & Bioelectronics* 18: 599-603.

Rejection Code: CHEM METHODS.

Navarro, Simon, Vela, Nuria, Gimenez, M Jose, and Navarro, Gines (2004). Persistence of four s-triazine herbicides in river, sea and groundwater samples exposed to sunlight and darkness under laboratory conditions. *The Science Of The Total Environment* 329: 87-97.

Rejection Code: FATE.

Navarro, Simon, Vela, Nuria, Jose Gimenez, M, and Navarro, Gines (2004). Effect of temperature on the disappearance of four triazine herbicides in environmental waters. *Chemosphere* 57: 51-59.

Rejection Code: FATE.

Neitsch, Susan L., McInnes, Kevin J., Senseman, Scott A., White, G. Norman, and Simanek, Eric E. (2006). Melamine-based organoclay to sequester atrazine. *Chemosphere* 64: 704-710.

Rejection Code: NO TOX DATA.

Nelieu, Sylvie, Perreau, Francois, Guichon, Roselyne, Seguin, Florence, Bry, Christian, and Einhorn, Jacques (2005). Monitoring and effects of nicosulfuron in aquatic mesocosms: development of a simple analytical

- procedure and evidence for low toxicity to phytoplankton communities. *Analytical And Bioanalytical Chemistry* 382: 108-114.
Rejection Code: CHEM METHODS.
- Nemeth-Konda, L., Fuleky, Gy., Morovjan, Gy., and Csokan, P. (2002). Sorption behaviour of acetochlor, atrazine, carbendazim, diazinon, imidacloprid and isoproturon on Hungarian agricultural soil. *Chemosphere* 48: 545-552.
Rejection Code: FATE.
- Neumann, Grit, Teras, Riho, Monson, Liis, Kivisaar, Maia, Schauer, Frieder, and Heipieper, Hermann J (2004). Simultaneous degradation of atrazine and phenol by *Pseudomonas* sp. strain ADP: effects of toxicity and adaptation. *Applied And Environmental Microbiology* 70: 1907-1912.
Rejection Code: FATE.
- Neurath, Susan K., Sadeghi, Ali M., Shirmohammadi, Adel, Isensee, Allan R., and Torrents, Alba (2004). Atrazine distribution measured in soil and leachate following infiltration conditions. *Chemosphere* 54: 489-496.
Rejection Code: FATE.
- Nishimura, K, Yamamoto, M, Nakagomi, T, Takiguchi, Y, Naganuma, T, and Uzuka, Y (2002). Biodegradation of triazine herbicides on polyvinylalcohol gel plates by the soil yeast *Lipomyces starkeyi*. *Applied Microbiology And Biotechnology* 58: 848-852.
Rejection Code: YEAST.
- Nolan, B. T., Bayless, E. R., Green, C. T., Garg, S., and Voss, F. D. (2006). Evaluation of Unsaturated-Zone Solute-Transport Models for Studies of Agricultural Chemicals. *Govt reports announcements & index NTIS/03320051*.
Rejection Code: FATE.
- Noppe, Herlinde, Ghekiere, An, Verslycke, Tim, Wulf, Eric De, Verheyden, Karolien, Monteyne, Els, Polfliet, Karen, Caeter, Peter van, Janssen, Colin R., and De Brabander, Hubert F. (Distribution and ecotoxicity of chlorotriazines in the Scheldt Estuary (B-Nl). *Environmental Pollution* In Press, Corrected Proof: 179.
Rejection Code: NO SOURCE.
- Novak, S M, Portal, J M, and Schiavon, M (2001). Influence of soil aggregate size on atrazine and trifluralin leaching. *Bulletin Of Environmental Contamination And Toxicology* 66: 514-521.
Rejection Code: FATE.
- Oelschlaeger, P, Lange, S, Schmitt, J, Siemann, M, Reuss, M, and Schmid, R D (2003). Identification of factors impeding the production of a single-chain antibody fragment in *Escherichia coli* by comparing in vivo and in vitro expression. *Applied Microbiology And Biotechnology* 61: 123-132.
Rejection Code: BACTERIA.
- Oettmeier, W, Masson, K, and Hecht, H (2001). Heterocyclic ortho-quinones, a novel type of Photosystem II inhibitors. *Biochimica Et Biophysica Acta* 1504: 346-351.
Rejection Code: IN VITRO.
- Oh Seung Min, Shim Sang Hee, and Chung, K. y. u. Hyuck (2003). Antiestrogenic Action of Atrazine and its Major Metabolites in Vitro. *Journal of Health Science [J. Health Sci.]*. Vol. 49, no. 1, pp. 65-71. 2003.
Rejection Code : IN VITRO.
- Ohki, S, Takahashi, H, Kuboyama, N, Koizumi, K, Kohno, H, van Rensen, J J, Wakabayashi, K, and Boger, P (Photosynthetic electron transport inhibition by pyrimidines and pyridines substituted with benzylamino, methyl and trifluoromethyl groups. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 56: 203-210.
Rejection Code: FATE.

- Okano, Ruiko, Ohki, Aiko, Ohki, Shinpei, Kohno, Hitoshi, van Rensen, Jack J S, Boger, Peter, and Wakabayashi, Ko (Photosynthetic electron transport inhibition by 2-substituted 4-alkyl-6-benzylamino-1,3,5-triazines with thylakoids from wild-type and atrazine-resistant *Chenopodium album*. *Zeitschrift Fur Naturforschung. C, Journal Of Biosciences* 57: 1009-1015.
Rejection Code: FATE.
- Oliva, Josep M, Azenha, M Emilia D G, Burrows, Hugh D, Coimbra, Rita, Seixas de Melo, J Serxio, Moises Canle, L, Fernandez, M Isabel, Santaballa, J Arturo, and Serrano-Andres, Luis (2005). On the low-lying excited states of sym-triazine-based herbicides. *Chemphyschem: a European Journal Of Chemical Physics And Physical Chemistry* 6: 306-314.
Rejection Code: CHEM METHODS.
- Oliveira-Brett, Ana Maria and da Silva, Luis Antonio (2002). A DNA-electrochemical biosensor for screening environmental damage caused by s-triazine derivatives. *Analytical And Bioanalytical Chemistry* 373: 717-723.
Rejection Code: CHEM METHODS.
- Ostra, Miren, Ubide, Carlos, and Zuriarrain, Juan (2007). Interference modelling, experimental design and pre-concentration steps in validation of the Fenton's reagent for pesticides determination. *Analytica Chimica Acta* 584: 228-235.
Rejection Code: CHEM METHODS.
- Ostrofsky, Ellen B., Robinson, Jayne B., Traina, Samuel J., and Tuovinen, Olli H. (2002). Analysis of atrazine-degrading microbial communities in soils using most-probable-number enumeration, DNA hybridization, and inhibitors. *Soil Biology and Biochemistry* 34: 1449-1459.
Rejection Code: BACTERIA.
- Ostrofsky, Ellen B., Robinson, Jayne B., Traina, Samuel J., and Tuovinen, Olli H. (2001). Effect of cyanuric acid amendment on atrazine mineralization in surface soils and detection of the s-triazine ring-cleavage gene trzD. *Soil Biology and Biochemistry* 33: 1539-1545.
Rejection Code: FATE.
- Ottinger, Mary Ann, Lavoie, Emma, Thompson, Nichola, Whitehouse, Kasen, Barton, Meredith, Abdelnabi, Mahmoud, McKernan, Moira, Pollack, Sara, and Quinn, Jr. Michael (2006). Comparative effects of estrogenic, androgenic endocrine disruptors, and atrazine on behavior and neuroendocrine systems in quail: Abstracts of the Sixth International Congress of Neuroendocrinology. *Frontiers in Neuroendocrinology* 27: 23.
Rejection Code: ABSTRACT.
- Oyama, M, Ikeda, T, Lim, T, Ikebukuro, K, Masuda, Y, and Karube, I (2000-2001). Detection of toxic chemicals with high sensitivity by measuring the quantity of induced P450 mRNAs based on surface plasmon resonance. *Biotechnology And Bioengineering* 71: 217-222.
Rejection Code: CHEM METHODS.
- Panasyuk-Delaney, Tanya, Mirsky, Vladimir M., Ulbricht, Mathias, and Wolfbeis, Otto S. (2001). Impedometric herbicide chemosensors based on molecularly imprinted polymers. *Analytica Chimica Acta* 435: 157-162.
Rejection Code: CHEM METHODS.
- Pang, L and Close, M E (2001). A field tracer study of attenuation of atrazine, hexazinone and procymidone in a pumice sand aquifer. *Pest Management Science* 57: 1142-1150.
Rejection Code: NO TOX DATA .
- Pang, Liping, Close, Murray, and Flintoft, Mark (2005). Degradation and sorption of atrazine, hexazinone and procymidone in coastal sand aquifer media. *Pest Management Science* 61: 133-143.
Rejection Code: FATE.

- Pang, Liping, Goltz, Mark, and Close, Murray (2003). Application of the method of temporal moments to interpret solute transport with sorption and degradation. *Journal Of Contaminant Hydrology* 60: 123-134 .
Rejection Code: FATE.
- Panno, S. V. and Kelly, W. R. (2004). Nitrate and herbicide loading in two groundwater basins of Illinois' sinkhole plain. *Journal of Hydrology* 290: 229-242.
Rejection Code: NO TOX DATA.
- Papadopoulou-Mourkidou, E., Karpouzas, D. G., Patsias, J., Kotopoulou, A., Milothridou, A., Kintzikoglou, K., and Vlachou, P. (2004). The potential of pesticides to contaminate the groundwater resources of the Axios river basin in Macedonia, Northern Greece. Part I. Monitoring study in the north part of the basin. *Science of The Total Environment* 321: 127-146.
Rejection Code: SURVEY.
- Papadopoulou-Mourkidou, E., Karpouzas, D. G., Patsias, J., Kotopoulou, A., Milothridou, A., Kintzikoglou, K., and Vlachou, P. (2004). The potential of pesticides to contaminate the groundwater resources of the Axios river basin. Part II. Monitoring study in the south part of the basin. *Science of The Total Environment* 321: 147-164.
Rejection Code: SURVEY.
- Papaefthimiou, Chrisovalantis, Zafeiridou, Georgia, Topoglidi, Aglaia, Chaleplis, George, Zografou, Stella, and Theophilidis, George (2003). Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 135: 315-330.
Rejection Code: IN VITRO.
- Paraiba, Lourival Costa and Spadotto, Claudio Aparecido (2002). Soil temperature effect in calculating attenuation and retardation factors. *Chemosphere* 48: 905-912.
Rejection Code: FATE.
- Paraschiv, Vasile, Crego-Calama, Mercedes, Ishi-i, Tsutomu, Padberg, Clemens J, Timmerman, Peter, and Reinhoudt, David N (2002). Molecular "chaperones" guide the spontaneous formation of a 15-component hydrogen-bonded assembly. *Journal Of The American Chemical Society* 124: 7638-7639.
Rejection Code: CHEM METHODS.
- Park, Jeong-Hun, Feng, Yucheng, Cho, Sung Yong, Voice, Thomas C, and Boyd, Stephen A (2004). Sorbed atrazine shifts into non-desorbable sites of soil organic matter during aging. *Water Research* 38: 3881-3892.
Rejection Code: FATE.
- Park, Jeong-Hun, Feng, Yucheng, Ji, Pingsheng, Voice, Thomas C, and Boyd, Stephen A (2003). Assessment of bioavailability of soil-sorbed atrazine. *Applied And Environmental Microbiology* 69: 3288-3298.
Rejection Code: BACTERIA.
- Pascoe, D., Wenzel, A., Janssen, C., Girling, A. E., Juttner, I., Fliedner, A., Blockwell, S. J., Maund, S. J., Taylor, E. J., Diedrich, M., Persoone, G., Verhelst, P., Stephenson, R. R., Crossland, N. O., Mitchell, G. C., Pearson, N., Tattersfield, L., Lay, J. P., Peither, A., Neumeier, B., and Velletti, A.-R. (2000). The Development of Toxicity Tests for Freshwater Pollutants and their Validation in Stream and Pond Mesocosms. *Wat.Res.* 34: 2323-2329.
Rejection Code: PUBL AS.
- Pascu, M. L., Moise, N., and Staicu, A. (2001). Tunable dye laser applications in environment pollution monitoring. *Journal of Molecular Structure* 598: 57-64.
Rejection Code: SURVEY.

- Patterson, B M, Franzmann, P D, Davis, G B, Elbers, J, and Zappia, L R (2002). Using polymer mats to biodegrade atrazine in groundwater: laboratory column experiments. *Journal Of Contaminant Hydrology* 54: 195-213.
Rejection Code: NO TOX DATA.
- Peck, Aaron M and Hornbuckle, Keri C (2005). Gas-phase concentrations of current-use pesticides in Iowa. *Environmental Science & Technology* 39: 2952-2959.
Rejection Code: SURVEY.
- Pederson, B M, Thibodeaux, L J, Valsaraj, K T, and Reible, D D (2001). Testing a multimedia compartmental model with monitoring data. *Environmental Toxicology And Chemistry / SETAC* 20: 2114-2121.
Rejection Code: MODELING.
- Pedireddi, V. R. and Belhekar, Deepali (2002). Investigation of some layered structures of cyanuric acid. *Tetrahedron* 58: 2937-2941.
Rejection Code: CHEM METHODS.
- Pennington, P. L., Daugomah, J. W., Colbert, A. C., Fulton, M. H., Key, P. B., Thompson, B. C., Strozier, E. D., and Scott, G. I. (2001). Analysis of pesticide runoff from Mid-Texas estuaries and risk assessment implications for marine phytoplankton. *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes [J. Environ. Sci. Health, Pt. B: Pestic., Food Contam., Agric. Wastes]*. Vol. B36, no. 1, pp. 1-14. 2001.
Rejection Code: MIXTURE.
- Perry, W. (2004). Elements of South Florida's Comprehensive Everglades Restoration Plan. *Ecotoxicology [Ecotoxicology]*. Vol. 13, no. 3, pp. 185-193. Apr 2004.
Rejection Code: NO TOX DATA.
- Petrucci, Elisabetta, Di Palma, Luca, and Merli, Carlo (2002). Experimental assessment of electrochemical processes in the remediation of atrazine contaminated soils. *Annali Di Chimica* 92: 1007-1013.
Rejection Code: CHEM METHODS.
- Phillips, T. A. and Summerfelt, R. C. (2001). Toxicity of Cedar River Water and Sediment to Larval Walleye. *Journal of the Iowa Academy of Science [J. Iowa Acad. Sci.]*. Vol. 108, no. 3, pp. 90-97. Sep 2001.
Rejection Code: MIXTURE, SEDIMENT.
- Piletsky, S A, Piletska, E V, Bossi, A, Karim, K, Lowe, P, and Turner, A P (2001). Substitution of antibodies and receptors with molecularly imprinted polymers in enzyme-linked and fluorescent assays. *Biosensors & Bioelectronics* 16: 701-707.
Rejection Code: CHEM METHODS.
- Piotrowski, Wojciech J, Marczak, Jerzy, Kurmanowska, Zofia, and Gorski, Pawel (Concentration of TBA-reactive substances in type II pneumocytes exposed to oxidative stress. *Archivum Immunologiae Et Therapiae Experimentalis* 52: 435-440.
Rejection Code: IN VITRO.
- Pistl, Juraj, Kovalkovicova, Natalia, Holovska, Vanda, Legath, Jaroslav, and Mikula, Ivan (2003). Determination of the immunotoxic potential of pesticides on functional activity of sheep leukocytes in vitro. *Toxicology* 188: 73-81.
Rejection Code: IN VITRO.
- Plater, M. John, Sinclair, James P., Aiken, Stuart, Gelbrich, Thomas, and Hursthouse, Michael B. (2004). The CA.M lattice revisited. Gel formation from a linear bis-isocyanuric acid and 2-amino-4,6-bis-(4-tert-butylphenylamino)-1,3,5-triazine. *Tetrahedron* 60: 6385-6394.
Rejection Code: CHEM METHODS.

- Plekhanova, Yu V, Reshetilov, A N, Yazynina, E V, Zherdev, A V, and Dzantiev, B B (2003). A new assay format for electrochemical immunosensors: polyelectrolyte-based separation on membrane carriers combined with detection of peroxidase activity by pH-sensitive field-effect transistor . *Biosensors & Bioelectronics* 19: 109-114.
Rejection Code: CHEM METHODS.
- Pochron, Sharon T (2005). Does relative economic value of food elicit purposeful encounter in the yellow baboons (*Papio hamadryas cynocephalus*) of Ruaha National Park, Tanzania? *Primates; Journal Of Primatology* 46: 71-74.
Rejection Code: NO TOX DATA.
- Pogorelova, Svetlana P, Bourenko, Tatyana, Kharitonov, Andrei B, and Willner, Itamar (2002). Selective sensing of triazine herbicides in imprinted membranes using ion-sensitive field-effect transistors and microgravimetric quartz crystal microbalance measurements. *The Analyst* 127: 1484-1491.
Rejection Code: CHEM METHODS.
- Pollock, D., Salama, R., and Kookana, R. (2002). A study of atrazine transport through a soil profile on the Gngara Mound, Western Australia, using LEACHP and Monte Carlo techniques. *Australian Journal of Soil Research*, 40 (3) pp. 455-464, 2002.
Rejection Code: FATE.
- Popov, V. H., Cornish, P. S., and Sun, H. (2006). Vegetated biofilters: The relative importance of infiltration and adsorption in reducing loads of water-soluble herbicides in agricultural runoff. *Agriculture, Ecosystems & Environment* 114: 351-359.
Rejection Code: FATE.
- Prins, L J, Timmerman, P, and Reinhoudt, D N (2001). Amplification of chirality: the "sergeants and soldiers" principle applied to dynamic hydrogen-bonded assemblies. *Journal Of The American Chemical Society* 123: 10153-10163.
Rejection Code: CHEM METHODS.
- Prosen, Helena and Zupancic-Kralj, Lucija (2005). Evaluation of photolysis and hydrolysis of atrazine and its first degradation products in the presence of humic acids. *Environmental Pollution* 133: 517-529.
Rejection Code: FATE.
- Pruett, Stephen B, Fan, Ruping, Zheng, Qiang, Myers, L Peyton, and Hebert, Pamela (2003). Modeling and predicting immunological effects of chemical stressors: characterization of a quantitative biomarker for immunological changes caused by atrazine and ethanol. *Toxicological Sciences: An Official Journal Of The Society Of Toxicology* 75: 343-354.
Rejection Code: MODELING, FATE.
- Quaghebeur, D, De Smet, B, De Wulf, E, and Steurbaut, W (2004). Pesticides in rainwater in Flanders, Belgium: results from the monitoring program 1997-2001. *Journal Of Environmental Monitoring: JEM* 6: 182-190.
Rejection Code: SURVEY.
- Quintana, J, Marti, I, and Ventura, F (2001). Monitoring of pesticides in drinking and related waters in NE Spain with a multiresidue SPE-GC-MS method including an estimation of the uncertainty of the analytical results. *Journal Of Chromatography* 938: 3-13.
Rejection Code: CHEM METHODS.
- Radivojevic, L. j., Djordjevic, S., Gasic, S., Stankovic-Kalezic, R., and Elezovic, I. (2003). 646 Effects of herbicide atrazine on soil biochemical activity. *Toxicology Letters* 144: s173.
Rejection Code: NO SPECIES.
- Raillard, S, Krebber, A, Chen, Y, Ness, J E, Bermudez, E, Trinidad, R, Fullem, R, Davis, C , Welch, M, and

- Seffernick et, al. (2001). Novel enzyme activities and functional plasticity revealed by recombining highly homologous enzymes. *Chemistry & Biology* 8: 891-898.
Rejection Code: IN VITRO.
- Rakotondradany, Felaniaina, Palmer, Alison, Toader, Violeta, Chen, Bingzhi, Whitehead, M A, and Sleiman, Hanadi F (2005). Hydrogen-bond self-assembly of DNA-analogues into hexameric rosettes. *Chemical Communications (Cambridge, England)* 5441-5443.
Rejection Code: CHEM METHODS.
- Ralebits, T Komang, Senior, Eric, and van Verseveld, Henk W (2002). Microbial aspects of atrazine degradation in natural environments. *Biodegradation* 13: 11-19.
Rejection Code: FATE.
- Ralebitso-Senior, T K, Costa, C, Roling, W F M, Braster, M, Senior, E, and van Verseveld, H W (2003). Atrazine catabolism by a combined bacterial association (KRA30) under carbon- and nitrogen-limitations in a retentostat. *Journal Of Applied Microbiology* 94: 1043-1051.
Rejection Code: BACTERIA.
- Ramesh, A and Ravi, P E (2001). Applications of solid-phase microextraction (SPME) in the determination of residues of certain herbicides at trace levels in environmental samples. *Journal Of Environmental Monitoring: JEM* 3: 505-508.
Rejection Code: METHODS.
- Ramwell, Carmel T, Heather, Andrew I J, and Shepherd, Anthony J (2004). Herbicide loss following application to a railway. *Pest Management Science* 60: 556-564.
Rejection Code: FATE.
- Ramwell, Carmel T, Heather, Andrew I J, and Shepherd, Anthony J (2002). Herbicide loss following application to a roadside. *Pest Management Science* 58: 695-701.
Rejection Code: FATE.
- Rasmussen, T. J., Ziegler, A. C., and Rasmussen, P. P. (Estimation of Constituent Concentrations, Densities, Loads, and Yields in Lower Kansas River, Northeast Kansas, Using Regression Models and Continuous Water-Quality Monitoring, January 2000 Through December 2003. *Govt reports announcements & index (gra&i), issue 04, 2006.*
Rejection Code: FATE.
- Rau, Doris, Kramer, Karl, and Hock, Bertold (2002). Single-chain Fv antibody-alkaline phosphatase fusion proteins produced by one-step cloning as rapid detection tools for ELISA. *Journal Of Immunoassay & Immunochemistry* 23: 129-143.
Rejection Code: BACTERIA.
- Ravier, Isabelle, Haouisee, Emmanuelle, Clement, Michel, Seux, Rene, and Briand, Olivier (2005). Field experiments for the evaluation of pesticide spray-drift on arable crops. *Pest Management Science* 61: 728-736.
Rejection Code: SURVEY.
- Ray, C., Soong, T. W., Lian, Y. Q., and Roadcap, G. S. (2002). Effect of flood-induced chemical load on filtrate quality at bank filtration sites. *Journal of Hydrology* 266: 235-258.
Rejection Code: SURVEY.
- Ray, Chittaranjan, Vogel, Tomas, and Dusek, Jaromir (2004). Modeling depth-variant and domain-specific sorption and biodegradation in dual-permeability media. *Journal Of Contaminant Hydrology* 70: 63-87.
Rejection Code: MODELING.

- Ray, Soma, Shrivastava, Rahul, and Bagchi, Suvendra N. (2003). Isolation and partial characterization of a *Synechococcus* sp. PCC 7942 mutant resistant to a natural herbicide. *Plant Science* 165: 785-791.
Rejection Code: BACTERIA.
- Rayburn, A. Lane, Bouma, Jerry, and Northcott, Carrie A. (2001). Comparing the clastogenic potential of atrazine with caffeine using Chinese hamster ovary (CHO) cells. *Toxicology Letters* 121: 69-78.
Rejection Code: IN VITRO.
- Rebich, R. A., Coupe, R. H., and Thurman, E. M. (2004). Herbicide concentrations in the Mississippi River Basin--the importance of chloroacetanilide herbicide degradates. *Science of The Total Environment* 321: 189-199.
Rejection Code: SURVEY.
- Reder, Sabine, Dieterle, Frank, Jansen, Hendrikus, Alcock, Susan, and Gauglitz, Gunter (2003). Multi-analyte assay for triazines using cross-reactive antibodies and neural networks. *Biosensors & Bioelectronics* 19: 447-455.
Rejection Code: CHEM METHODS.
- Reichenberger, S., Amelung, W., Laabs, V., Pinto, A., Totsche, K. U., and Zech, W. (2002). Pesticide displacement along preferential flow pathways in a Brazilian Oxisol. *Geoderma* 110: 63-86.
Rejection Code: FATE.
- Reil, E, Hofle, G, Draber, W, and Oettmeier, W (2001). Quinolones and their N-oxides as inhibitors of photosystem II and the cytochrome b(6)/f-complex. *Biochimica Et Biophysica Acta* 1506: 127-132.
Rejection Code: IN VITRO.
- Ren, Jin, Jiang, Ke, and Zhou, Huaidong (2002). The concentration and source of atrazine residue in water of Guanting reservoir. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 23: 126-128.
Rejection Code: NON ENGLISH.
- Ren, Li-ping, Jiang, Shu-ren, Rao, Zhen-hong, Xiong, Yan-mei, Zhang, Chun-rong, and Wang, Dong-dong (2004). Study on the resonance scattering light spectra of atrazine-RNA and its analytical application. *Guang Pu Xue Yu Guang Pu Fen Xi = Guang Pu* 24: 1213-1216.
Rejection Code: NON-ENGLISH.
- Renner, R. (2002). Conflict Brewing Over Herbicide's Link to Frog Deformities. *Science (Washington) [Science (Wash.)]. Vol. 298, no. 5595, pp. 938-939. 1 Nov 2002.*
Rejection Code: NO TOX DATA.
- Renner, Rebecca (2002). Amphibian declines. Conflict brewing over herbicide's link to frog deformities. *Science* 298: 938-939.
Rejection Code: ABSTRACT.
- Renner, Rebecca (2002). Atrazine linked to endocrine disruption in frogs. *Environmental Science & Technology* 36: 55A-56A.
Rejection Code: ABSTRACT.
- Reungsang, A., Moorman, T. B., and Kanwar, R. S. (2001). Transport and fate of atrazine in Midwestern Riparian Buffer Strips. *Journal of the American Water Resources Association*, 37 (6) pp. 1681-1692, 2001.
Rejection Code: FATE.
- Rhine, E D, Fuhrmann, J J, and Radosevich, M (2003). Microbial community responses to atrazine exposure and nutrient availability: linking degradation capacity to community structure. *Microbial Ecology* 46: 145-160.
Rejection Code: FATE.

- Ribeiro, A B, Rodriguez-Maroto, J M, Mateus, E P, and Gomes, H (2005). Removal of organic contaminants from soils by an electrokinetic process: the case of atrazine. Experimental and modeling. *Chemosphere* 59: 1229-1239.
Rejection Code: MODELING.
- Rice, Clifford P, Nochetto, Cristina B, and Zara, Pedro (2002). Volatilization of trifluralin, atrazine, metolachlor, chlorpyrifos, alpha-endosulfan, and beta-endosulfan from freshly tilled soil. *Journal Of Agricultural And Food Chemistry* 50: 4009-4017.
Rejection Code: FATE.
- Rice, Pamela J, Anderson, Todd A, and Coats, Joel R (2004). Effect of sediment on the fate of metolachlor and atrazine in surface water. *Environmental Toxicology And Chemistry / SETAC* 23: 1145-1155.
Rejection Code: FATE.
- Richardson, W. L., Endicott, D. D., Kreis, R. G. , and Rygwelski, K. R. (2006). Lake Michigan Mass Balance Project: Quality Assurance Plan for Mathematical Modeling. *Govt reports announcements & index NTIS/00230144*.
Rejection Code: FATE.
- Riley, Melissa B, Dumas, Jose A, Gbur, Edward E, Massey, Joseph H, Mattice, John D, Mersie, Wondi, Mueller, Thomas C, Potter, Thomas, Senseman, Scott A, and Watson et, al. (2005). Pesticide extraction efficiency of two solid phase disk types after shipping. *Journal Of Agricultural And Food Chemistry* 53: 5079-5083.
Rejection Code: NO TOX DATA.
- Rios, R D, Saione, H, Robredo, C, Acevedo, A, Colombo, N, and Prina, A R (2003). Isolation and molecular characterization of atrazine tolerant barley mutants. *TAG. Theoretical And Applied Genetics. Theoretische Und Angewandte Genetik* 106: 696-702.
Rejection Code: NO TOX DATA.
- Rivas, Francisco J, Beltran, Fernando J, Garcia-araya, Juan F, Navarrete, Victor, and Gimeno, Olga (2002). Co-oxidation of p-hydroxybenzoic acid and atrazine by the Fenton's like system Fe(III)/H₂O₂. *Journal Of Hazardous Materials* 91: 143-157.
Rejection Code: CHEM METHODS.
- Rivas, Francisco J., Beltran, Fernando J., Garcia-araya, Juan F., Navarrete, Victor, and Gimeno, Olga (2002). Co-oxidation of p-hydroxybenzoic acid and atrazine by the Fenton's like system Fe(III)/H₂O₂. *Journal of Hazardous Materials* 91: 143-157.
Rejection Code: CHEM METHODS.
- Riviere, Jim E. and Brooks, James D. (Predicting skin permeability from complex chemical mixtures. *Toxicology and Applied Pharmacology* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Roberge, Mark T., Hakk, Heldur, and Larsen, Gerald (2006). Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates. *Food and Chemical Toxicology* 44: 885-890.
Rejection Code: IN VITRO.
- Roberts, Arthur G., Gregor, Wolfgang, Britt, R. David, and Kramer, David M. (2003). Acceptor and donor-side interactions of phenolic inhibitors in Photosystem II. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* 1604: 23-32.
Rejection Code: IN VITRO.
- Rodriguez-Cruz, M., Sanchez-Marti(n), M., Andrades, M., and Sanchez-Camazano, M. (2006). Comparison of pesticide sorption by physicochemically modified soils with natural soils as a function of soil properties and pesticide hydrophobicity. *Soil and Sediment Contamination*, 15 (4) pp. 401-

- 415, 2006.
Rejection Code: FATE.
- Rodriguez-Cruz, M. S., Sanchez-Martin, M. J., Andrade, M. S., and Sanchez-Camazano, M. (Modification of clay barriers with a cationic surfactant to improve the retention of pesticides in soils. *Journal of Hazardous Materials* In Press, Corrected Proof.
Rejection Code: METHODS.
- Rodriguez-Cruz, M S, Sanchez-Martin, M J, and Sanchez-Camazano, M (Enhanced desorption of herbicides sorbed on soils by addition of Triton X-100. *Journal Of Environmental Quality* 33: 920-929.
Rejection Code: FATE.
- Rodriguez, Eva M., Alvarez, Pedro M., Rivas, F. Javier, and Beltran, Fernando J. (2004). Wet peroxide degradation of atrazine. *Chemosphere* 54: 71-78.
Rejection Code: FATE.
- Rogers, Michael D. (2003). Risk analysis under uncertainty, the Precautionary Principle, and the new EU chemicals strategy. *Regulatory Toxicology and Pharmacology* 37: 370-381.
Rejection Code: NO TOX DATA.
- Ros, M., Goberna, M., Moreno, J. L., Hernandez, T., Garcia, C., Insam, H., and Pascual, J. A. (Molecular and physiological bacterial diversity of a semi-arid soil contaminated with different levels of formulated atrazine. *Applied Soil Ecology* In Press, Corrected Proof.
Rejection Code: BACTERIA.
- Rotiroti, Lucia, De Stefano, Luca, Rendina, Ivo, Moretti, Luigi, Rossi, Andrea Mario, and Piccolo, Alessandro (2005). Optical microsensors for pesticides identification based on porous silicon technology. *Biosensors & Bioelectronics* 20: 2136-2139.
Rejection Code: CHEM METHODS.
- Rousseaux, S, Hartmann, A, Lagacherie, B, Piutti, S, Andreux, F, and Soulas, G (2003). Inoculation of an atrazine-degrading strain, *Chelatobacter heintzii* Cit1, in four different soils: effects of different inoculum densities. *Chemosphere* 51: 569-576.
Rejection Code: BACTERIA.
- Rousseaux, Sandrine, Hartmann, Alain, and Soulas, Guy (2001). Isolation and characterisation of new Gram-negative and Gram-positive atrazine degrading bacteria from different French soils. *FEMS Microbiology Ecology* 36: 211-222.
Rejection Code: BACTERIA.
- Rousseaux, Sandrine, Soulas, Guy, and Hartmann, Alain (2002). Plasmid localisation of atrazine-degrading genes in newly described *Chelatobacter* and *Arthrobacter* strains. *FEMS Microbiology Ecology* 41: 69-75.
Rejection Code: BACTERIA.
- Roy, Debjani (2002). Amphibians as environmental sentinels. *Journal Of Biosciences* 27: 187-188.
Rejection Code: NO TOX DATA.
- Roy, W R, Krapac, I G, Chou, S F, and Simmons, F W (2001). Pesticide storage and release in unsaturated soil in Illinois, USA. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 245-260.
Rejection Code: FATE.
- Rudra, R P, Abu-Zreig, M, and Asare, S N (2001). Macroporosity and manure influence on atrazine transport through soil. *Journal Of Environmental Science And Health. Part. B, Pesticides, Food Contaminants, And Agricultural Wastes* 36: 597-608.

Rejection Code: FATE.

Runes, H B, Jenkins, J J, and Bottomley, P J (2001). Atrazine degradation by bioaugmented sediment from constructed wetlands. *Applied Microbiology And Biotechnology* 57 : 427-432.

Rejection Code: FATE.

Runes, Heather B, Jenkins, Jeffrey J, Moore, James A, Bottomley, Peter J, and Wilson, Bruce D (2003). Treatment of atrazine in nursery irrigation runoff by a constructed wetland. *Water Research* 37: 539-550 .

Rejection Code: NO TOX DATA.

Rupassara, S. I., Larson, R. A., Sims, G. K., and Marley, K. A. (2002). Degradation of Atrazine by Hornwort in Aquatic Systems. *Bioremediation Journal* 6: 217-224.

Rejection Code: FATE.

Rymuszka, A and Siwicki, A K (2003). Immunomodulatory activity of the dimerized lysozyme KLP-602 after earlier suppression by atrazine in carp (*Cyprinus carpio* L.). *Polish Journal Of Veterinary Sciences* 6: 43-46.

Rejection Code: MIXTURE.

Saad, D. A. (Pesticides in Surface Water, Bed Sediment, and Ground Water Adjacent to Commercial Cranberry Bogs, Lac Du Flambeau Reservation, Vilas County, Wisconsin. *Govt reports announcements & index (gra&i)*, issue 20, 2006.

Rejection Code: SURVEY.

Sabater, C and Carrasco, J M (2001). Effects of the organophosphorus insecticide fenitrothion on growth in five freshwater species of phytoplankton. *Environmental Toxicology* 16: 314-320.

Rejection Code: NO COC.

Sadeghi, Ali M. and Isensee, Allan R. (2001). Impact of hairy vetch cover crop on herbicide transport under field and laboratory conditions. *Chemosphere* 44: 109-118.

Rejection Code: FATE.

Saez, Florentina, Pozo, Clementina, Gomez, Miguel Angel, Rodelas, Belen, and Gonzalez-Lopez, Jesus (2003). Growth and nitrite and nitrous oxide accumulation of *Paracoccus denitrificans* ATCC 19367 in the presence of selected pesticides. *Environmental Toxicology And Chemistry / SETAC* 22: 1993-1997.

Rejection Code: BACTERIA.

Sajjaphan, Kannika, Shapir, Nir, Judd, Adam K, Wackett, Lawrence P, and Sadowsky, Michael J (2002). Novel *psbA1* gene from a naturally occurring atrazine-resistant cyanobacterial isolate. *Applied And Environmental Microbiology* 68: 1358-1366.

Rejection Code: METABOLISM.

Sajjaphan, Kannika, Shapir, Nir, Wackett, Lawrence P, Palmer, Michael, Blackmon, Barbara, Tomkins, Jeff, and Sadowsky, Michael J (2004). *Arthrobacter aurescens* TC1 atrazine catabolism genes *trzN*, *atzB*, and *atzC* are linked on a 160-kilobase region and are functional in *Escherichia coli*. *Applied And Environmental Microbiology* 70: 4402-4407.

Rejection Code: BACTERIA.

Saltmiras, David A. and Lemley, Ann T. (2002). Atrazine degradation by anodic Fenton treatment. *Water Research* 36: 5113-5119.

Rejection Code: FATE.

Sanchez-Camazano, Maria, Rodriguez-Cruz, Sonia, and Sanchez-Martin, Maria J (2003). Evaluation of component characteristics of soil-surfactant-herbicide system that affect enhanced desorption of linuron and atrazine preadsorbed by soils. *Environmental Science & Technology* 37: 2758-2766.

Rejection Code: FATE.

Sanchez, Mariela, Garbi, Carlos, Martinez-Alvarez, Roberto, Ortiz, Luis T, Allende, Jose Luis, and Martin, Margarita (2005). Klebsiella planticola strain DSZ mineralizes simazine: physiological adaptations involved in the process. *Applied Microbiology And Biotechnology* 66: 589-596.

Rejection Code: BACTERIA.

Sanderson, J. T., Boerma, J., Lansbergen, G. W., and Van den berg, M. (2002). Induction and Inhibition of Aromatase (CYP19) Activity by Various Classes of Pesticides in H295R Human Adrenocortical Carcinoma Cells. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 182, no. 1, pp. 44-54. 1 Jul 2002.

Rejection Code: HUMAN HEALTH.

Sanin, Selim L (2003). Effect of starvation on resuscitation and the surface characteristics of bacteria. *Journal Of Environmental Science And Health. Part A, Toxic/Hazardous Substances & Environmental Engineering* 38: 1517-1528.

Rejection Code: BACTERIA.

Sanin, Selim L., Sanin, F. Dilek, and Bryers, James D. (2003). Effect of starvation on the adhesive properties of xenobiotic degrading bacteria. *Process Biochemistry* 38: 909-914.

Rejection Code: BACTERIA.

Sannino, F and Gianfreda, L (2001). Pesticide influence on soil enzymatic activities. *Chemosphere* 45: 417-425.

Rejection Code: NO SPECIES.

Sawunyama, Phillip and Bailey, George W (2002). Computational chemistry study of the environmentally important acid-catalyzed hydrolysis of atrazine and related 2-chloro-s-triazines. *Pest Management Science* 58: 759-768.

Rejection Code: FATE.

Schaap, B. D. and Bartholomay, R. C. (2007). Reconnaissance-Level Assessment of Water and Bottom-Sediment Quality, Including Pesticides and Mercury, in Yankton Sioux Tribe Wetlands, Charles Mix County, South Dakota, June-July 2005. *Govt reports announcements & index*.

Rejection Code: FATE.

Schieder, D, Quicker, P, Schneider, R, Winter, H, Precthl, S, and Faulstich, M (2003). Microbiological removal of hydrogen sulfide from biogas by means of a separate biofilter system: experience with technical operation. *Water Science And Technology: a Journal Of The International Association On Water Pollution Research* 48: 209-212.

Rejection Code: METHODS.

Schmitt-Jansen, Mechthild and Altenburger, Rolf (2005). Predicting and observing responses of algal communities to photosystem II-herbicide exposure using pollution-induced community tolerance and species-sensitivity distributions. *Environmental Toxicology And Chemistry / SETAC* 24: 304-312.

Rejection Code: FATE.

Schoeny Rita, Haber Lynne, and Dourson Michael (2006). Data considerations for regulation of water contaminants. *Toxicology [Toxicology]*. Vol. 221, no. 2-3, pp. 217-224. 2006.

Rejection Code: REVIEW.

Scribner, E. A., Thurman, E. M., Goolsby, D. A., Meyer, M. T., and Battaglin, W. A. (2005). Summary of Significant Results From Studies of Triazine Herbicides and Their Degradation Products in Surface Water, Ground Water, and Precipitation in the Midwestern United States During the 1990s. *Govt reports announcements & index*.

Rejection Code: FATE.

- Seffernick, J L, de Souza, M L, Sadowsky, M J, and Wackett, L P (2001). Melamine deaminase and atrazine chlorohydrolase: 98 percent identical but functionally different. *Journal Of Bacteriology* 183: 2405-2410.
Rejection Code: BACTERIA.
- Seffernick, J L and Wackett, L P (2001). Rapid evolution of bacterial catabolic enzymes: a case study with atrazine chlorohydrolase. *Biochemistry* 40: 12747-12753.
Rejection Code: REVIEW.
- Seffernick, Jennifer L, McTavish, Hugh, Osborne, Jeffrey P, de Souza, Mervyn L, Sadowsky, Michael J, and Wackett, Lawrence P (2002). Atrazine chlorohydrolase from *Pseudomonas* sp. strain ADP is a metalloenzyme. *Biochemistry* 41: 14430-14437.
Rejection Code: BACTERIA.
- Seffernick, Jennifer L, Shapir, Nir, Schoeb, Michael, Johnson, Gilbert, Sadowsky, Michael J, and Wackett, Lawrence P (2002). Enzymatic degradation of chlorodiamino-s-triazine. *Applied And Environmental Microbiology* 68: 4672-4675.
Rejection Code: FATE.
- Seghers, Dave, Siciliano, Steven D., Top, Eva M. , and Verstraete, Willy (2005). Combined effect of fertilizer and herbicide applications on the abundance, community structure and performance of the soil methanotrophic community. *Soil Biology and Biochemistry* 37: 187-193.
Rejection Code: BACTERIA.
- Seghers, Dave, Verthe, Kristof, Reheul, Dirk, Bulcke, Robert, Siciliano, Steven D., Verstraete, Willy, and Top, Eva M. (2003). Effect of long-term herbicide applications on the bacterial community structure and function in an agricultural soil. *FEMS Microbiology Ecology* 46: 139-146.
Rejection Code: BACTERIA.
- Selim, H M (Retention and runoff losses of atrazine and metribuzin in soil. *Journal Of Environmental Quality* 32: 1058-1071.
Rejection Code: FATE.
- Selim, H M, Zhou, L, and Zhu, H (Herbicide retention in soil as affected by sugarcane mulch residue. *Journal Of Environmental Quality* 32: 1445-1454.
Rejection Code: FATE.
- Selim, H M and Zhu, H (Atrazine sorption-desorption hysteresis by sugarcane mulch residue. *Journal Of Environmental Quality* 34: 325-335.
Rejection Code: FATE.
- Selim, H. M. and Zhu, H. (2005). Organic compounds in the environment: Atrazine sorption-desorption hysteresis by sugarcane mulch residue. *Journal of Environmental Quality*, 34 (1) pp. 325-335, 2005.
Rejection Code: FATE.
- Seol, Y and Lee, L S (Coupled effects of treated effluent irrigation and wetting-drying cycles on transport of triazines through unsaturated soil columns. *Journal Of Environmental Quality* 30: 1644-1652.
Rejection Code: NO TOX DATA.
- Sergeyev, T A, Matuschewski, H, Piletsky, S A, Bendig, J, Schedler, U, and Ulbricht, M (2001). Molecularly imprinted polymer membranes for substance-selective solid-phase extraction from water by surface photo-grafting polymerization. *Journal Of Chromatography* 907: 89-99.
Rejection Code: CHEM METHODS.
- Sergeyeva, T. A., Brovko, O. O., Piletska, E. V. , Piletsky, S. A., Goncharova, L. A., Karabanova, L. V., Sergeyeva, L. M., and El'skaya, A. V. (2007). Porous molecularly imprinted polymer membranes and polymeric

- particles. *Analytica Chimica Acta* 582: 311-319.
Rejection Code: CHEM METHODS.
- Seybold, C., Mersie, W., and Delorem, D. (2001). Removal and degradation of atrazine and metolachlor by vegetative filter strips on clay loam soil. *Communications in Soil Science and Plant Analysis*, 32 (5-6) pp. 723-737, 2001.
Rejection Code: FATE.
- Seybold, C. A. and Mersie, W. (1996). Adsorption and Desorption of Atrazine, Dethylatrazine, Deisopropylatrazine, Hydroxyatrazine, and Metoachlor in Two Soils from Virginia. *J.Environ.Qual.* 25: 1179-1186.
Rejection Code: FATE.
- Seybold, C A, Mersie, W, and McNamee, C (Anaerobic degradation of atrazine and metolachlor and metabolite formation in wetland soil and water microcosms. *Journal Of Environmental Quality* 30: 1271-1277.
Rejection Code: FATE.
- Shao, Xue-Bin, Jiang, Xi-Kui, Zhu, Shi-Zheng, and Li, Zhan-Ting (2004). Strapped porphyrin rosettes based on the melamine-cyanuric acid motif. Self-assembly and supramolecular recognition. *Tetrahedron* 60: 9155-9162.
Rejection Code: CHEM METHODS.
- Sharer, Michael, Park, Jeong-Hun, Voice, Thomas C, and Boyd, Stephen A (Aging effects on the sorption-desorption characteristics of anthropogenic organic compounds in soil. *Journal Of Environmental Quality* 32: 1385-1392.
Rejection Code: FATE.
- Shaw, A and Lin, Y (2001). Effects of laundering upon the removal of atrazine and metolachlor from cotton, cotton/polyester, and polyester fabrics treated with fluorochemical finishes. *Bulletin Of Environmental Contamination And Toxicology* 66: 319-325.
Rejection Code: HUMAN HEALTH.
- Shaw, Melanie and Muller, Jochen F. (Preliminary evaluation of the occurrence of herbicides and PAHs in the Wet Tropics region of the Great Barrier Reef, Australia, using passive samplers. *Marine Pollution Bulletin* In Press, Corrected Proof.
Rejection Code: SURVEY.
- Shea, P. J., Machacek, T. A., and Comfort, S. D. (2004). Accelerated remediation of pesticide-contaminated soil with zerovalent iron. *Environmental Pollution* 132: 183-188.
Rejection Code: FATE.
- Sheng, G, Johnston, C T, Teppen, B J, and Boyd, S A (2001). Potential contributions of smectite clays and organic matter to pesticide retention in soils. *Journal Of Agricultural And Food Chemistry* 49: 2899-2907.
Rejection Code: FATE.
- Shin, Kyeong-Sik, Kim, Young-Hwan, Min, Jung-Ah, Kwak, Seoung-Min, Kim, Sang Kyung, Yang, Eun Gyeong, Park, Jung-Ho, Ju, Byeong-Kwon, Kim, Tae-Song, and Kang, Ji Yoon (2006). Miniaturized fluorescence detection chip for capillary electrophoresis immunoassay of agricultural herbicide atrazine: Instrumental Methods of Analysis -IMA 2005. *Analytica Chimica Acta* 573-574: 164-171.
Rejection Code: CHEM METHODS.
- Shin, Kyeong-Sik, Kim, Young-Hwan, Min, Jung-Ah, Kwak, Seoung-Min, Kim, Sang Kyung, Yang, Eun Gyeong, Park, Jung-Ho, Ju, Byeong-Kwon, Kim, Tae-Song, and Kang, Ji Yoon (2006). Miniaturized fluorescence detection chip for capillary electrophoresis immunoassay of agricultural herbicide atrazine: Instrumental Methods of Analysis -IMA 2005 - Instrumental Methods of Analysis -IMA 2005. *Analytica Chimica Acta* 573-574: 164-171.

Rejection Code: METHODS.

Shipitalo, Martin J and Owens, Lloyd B (2003). Atrazine, deethylatrazine, and deisopropylatrazine in surface runoff from conservation tilled watersheds. *Environmental Science & Technology* 37: 944-950.

Rejection Code: FATE.

Shitanda, Isao, Takada, Kazutake, Sakai, Yasuyuki, and Tatsuma, Tetsu (2005). Compact amperometric algal biosensors for the evaluation of water toxicity. *Analytica Chimica Acta* 530: 191-197.

Rejection Code: CHEM METHODS.

Shoji, Reo, Takeuchi, Toshifumi, and Kubo, Izumi (2003). Atrazine sensor based on molecularly imprinted polymer-modified gold electrode. *Analytical Chemistry* 75: 4882-4886.

Rejection Code: CHEM METHODS.

Shrivastava, R, Ray, S, and Bagchi, S N (2001). Action of an algicide from a cyanobacterium, *Oscillatoria laetevirens*, on photosystem II. *Indian Journal Of Experimental Biology* 39: 1268-1273.

Rejection Code: BIOLOGICAL TOXICANT.

Silva, Elisabete, Fialho, Arsenio M, Sa-Correia, Isabel, Burns, Richard G, and Shaw, Liz J (2004). Combined bioaugmentation and biostimulation to cleanup soil contaminated with high concentrations of atrazine. *Environmental Science & Technology* 38: 632-637.

Rejection Code: METHODS.

Sims, G. K. (2006). Nitrogen starvation promotes biodegradation of N-heterocyclic compounds in soil. *Soil Biology and Biochemistry* 38: 2478-2480.

Rejection Code: FATE.

Singh, Neera, Megharaj, M., Kookana, Rai S., Naidu, Ravi, and Sethunathan, N. (2004). Atrazine and simazine degradation in *Pennisetum rhizosphere*. *Chemosphere* 56: 257-263.

Rejection Code: FATE.

Singh, Pooja, Suri, C R, and Cameotra, Swaranjit Singh (2004). Isolation of a member of *Acinetobacter* species involved in atrazine degradation. *Biochemical And Biophysical Research Communications* 317: 697-702.

Rejection Code: BACTERIA.

Skark, Christian, Zullei-Seibert, Ninette, Willme, Uwe, Gatzemann, Ulrich, and Schlett, Claus (2004). Contribution of non-agricultural pesticides to pesticide load in surface water. *Pest Management Science* 60: 525-530.

Rejection Code: SURVEY.

Smalling, Kelly L and Aelion, C Marjorie (2004). Distribution of atrazine into three chemical fractions: impact of sediment depth and organic carbon content. *Environmental Toxicology And Chemistry / SETAC* 23: 1164-1171.

Rejection Code: FATE.

Smalling, Kelly L. and Aelion, C. Marjorie (Reply to Comments on "Biological and chemical transformation of atrazine in coastal aquatic sediments" by C. Marjorie Aelion and Kelly Smalling. *Chemosphere* In Press, Corrected Proof.

Rejection Code: ABSTRACT, NO SOURCE.

Smith, Daniel, Alvey, Sam, and Crowley, David E. (2005). Cooperative catabolic pathways within an atrazine-degrading enrichment culture isolated from soil. *FEMS Microbiology Ecology* 53: 265-273.

Rejection Code: BACTERIA.

Smith, M Cade, Shaw, David R, Massey, Joseph H, Boyette, Michele, and Kingery, William (Using nonequilibrium thin-disc and batch equilibrium techniques to evaluate herbicide sorption. *Journal Of Environmental*

Quality 32: 1393-1404.
Rejection Code: FATE.

Smucny, D A, Allison, D B, Ingram, D K, Roth, G S, Kemnitz, J W, Kohama, S G, Lane, M A, and Black, A (2004). Changes in blood chemistry and hematology variables during aging in captive rhesus macaques (*Macaca mulatta*). *J Med Primatol* 30:161-173, 2001. *Journal Of Medical Primatology* 33: 48-54.
Rejection Code: NO TOXICANT.

Sohrabi, T. M., Shirmohammadi, A., and Montas, H. (2002). Uncertainty in Nonpoint Source Pollution Models and Associated Risks. *Environmental Forensics* 3: 179-189.
Rejection Code: MODELING.

Soong, Chee-Leong, Ogawa, Jun, Sakuradani, Eiji, and Shimizu, Sakayu (2002). Barbiturase, a novel zinc-containing amidohydrolase involved in oxidative pyrimidine metabolism. *The Journal Of Biological Chemistry* 277: 7051-7058.
Rejection Code: NO TOX DATA.

Southwick, L M, Grigg, B C, Fouss, J L, and Kornecki, T S (2003). Atrazine and metolachlor in surface runoff under typical rainfall conditions in southern Louisiana. *Journal Of Agricultural And Food Chemistry* 51: 5355-5361.
Rejection Code: SURVEY.

Southwick, Lloyd M, Grigg, Brandon C, Kornecki, Ted S, and Fouss, James L (2002). Potential influence of sugarcane cultivation on estuarine water quality of Louisiana's gulf coast. *Journal Of Agricultural And Food Chemistry* 50: 4393-4399.
Rejection Code: FATE.

Spalding, Roy F, Exner, Mary E, Snow, Daniel D, Cassada, David A, Burbach, Mark E, and Monson, Stephen J (Herbicides in ground water beneath Nebraska's Management Systems Evaluation Area. *Journal Of Environmental Quality* 32: 92-99.
Rejection Code: NO TOX DATA.

Spalding, Roy F, Watts, Darrell G, Snow, Daniel D, Cassada, David A, Exner, Mary E, and Schepers, James S (Herbicide loading to shallow ground water beneath Nebraska's Management Systems Evaluation Area. *Journal Of Environmental Quality* 32: 84-91.
Rejection Code: NO TOX DATA.

Spark, K. M. and Swift, R. S. (2002). Effect of soil composition and dissolved organic matter on pesticide sorption. *The Science of The Total Environment* 298: 147-161.
Rejection Code: FATE.

Spitz, Jean-Alexis, Derrien, Valerie, Baciou, Laura, and Sebban, Pierre (2005). Specific triazine resistance in bacterial reaction centers induced by a single mutation in the QA protein pocket. *Biochemistry* 44: 1338-1343.
Rejection Code: BACTERIA.

Spitzer, K W, Skolnick, R L, Peercy, B E, Keener, J P, and Vaughan-Jones, R D (2002). Facilitation of intracellular H(+) ion mobility by CO(2)/HCO(3)(-) in rabbit ventricular myocytes is regulated by carbonic anhydrase. *The Journal Of Physiology* 541: 159-167.
Rejection Code: IN VITRO.

Stackelberg, P. E., Gilliom, R. J., Wolock, D. M., and Hitt, K. J. (Development and Application of a Regression Equation for Estimating the Occurrence of Atrazine in Shallow Ground Water Beneath Agricultural Areas of the United States. *Govt reports announcements & index (gra&i), issue 17, 2006.*
Rejection Code: FATE.

- Stamper, David M, Radosevich, Mark, Hallberg, Kevin B, Traina, Samuel J, and Tuovinen, Olli H (2002). *Ralstonia basileensis* M91-3, a denitrifying soil bacterium capable of using s-triazines as nitrogen sources . *Canadian Journal Of Microbiology* 48: 1089-1098.
Rejection Code: BACTERIA .
- Steen, R J C A, Evers, E H G, Van Hattum, B, Cofino, W P, and Brinkman, U A Th (2002). Net fluxes of pesticides from the Scheldt Estuary into the North Sea: a model approach. *Environmental Pollution (Barking, Essex: 1987)* 116: 75-84.
Rejection Code: MODELING.
- Steen, R. J. C. A., van der Vaart, J., Hiep, M., Van Hattum, B., Cofino, W. P., and Brinkman, U. A. Th. (2001). Gross fluxes and estuarine behaviour of pesticides in the Scheldt Estuary (1995-1997). *Environmental Pollution* 115: 65-79.
Rejection Code: FATE.
- Steinheimer, T R and Scoggin, K D (2001). Fate and movement of atrazine, cyanazine, metolachlor and selected degradation products in water resources of the deep Loess Hills of Southwestern Iowa, USA. *Journal Of Environmental Monitoring: JEM* 3: 126-132.
Rejection Code: FATE.
- Stewart, Iris T and Loague, Keith (Assessing ground water vulnerability with the type transfer function model in the San Joaquin Valley, California. *Journal Of Environmental Quality* 33: 1487-1498.
Rejection Code: MODELING.
- Stoddard, C S, Grove, J H, Coyne, M S, and Thom, W O (Fertilizer, tillage, and dairy manure contributions to nitrate and herbicide leaching. *Journal Of Environmental Quality* 34: 1354-1362.
Rejection Code: FATE.
- Strong, Lisa C, Rosendahl, Charlotte, Johnson, Gilbert, Sadowsky, Michael J, and Wackett, Lawrence P (2002). *Arthrobacter aureus* TC1 metabolizes diverse s-triazine ring compounds. *Applied And Environmental Microbiology* 68: 5973-5980.
Rejection Code: BACTERIA.
- Su, Y. H. and Zhu, Y. G. (2005). Influence of lead on atrazine uptake by rice (*Oryza sativa* L.) seedlings from nutrient solution. *Environmental Science and Pollution Research*, 12 (1) pp. 21-27, 2005.
Rejection Code: MIXTURE.
- Su, Yu-Hong, Zhu, Yong-Guan, and Du, Xin (2005). Co-uptake of atrazine and mercury by rice seedlings from water. *Pesticide Biochemistry and Physiology* 82: 226-232.
Rejection Code: METABOLISM.
- Su, Yu-Hong, Zhu, Yong-Guan, Lin, Ai-Jun, and Zhang, Xu-Hong (Effects of exposure time and co-existing organic compounds on uptake of atrazine from nutrient solution by rice seedlings (*Oryza sativa* L.). *Journal of Hazardous Materials* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Sulmon, C., Gouesbet, G., El Amrani, A., and Coue(acute)e, I. (2006). Sugar-induced tolerance to the herbicide atrazine in *Arabidopsis* seedlings involves activation of oxidative and xenobiotic stress responses. *Plant Cell Reports*, 25 (5) pp. 489-498, 2006.
Rejection Code: NO EFFECT.
- Sulmon, Cecile, Gouesbet, Gwenola, Binet, Françoise, Martin-Laurent, Fabrice, El Amrani, Abdelhak, and Couee, Ivan (Sucrose amendment enhances phytoaccumulation of the herbicide atrazine in *Arabidopsis thaliana*. *Environmental Pollution* In Press, Corrected Proof.
Rejection Code: IN VITRO.

- Sulmon, Cecile, Gouesbet, Gwenola, El Amrani, Abdelhak, and Couee, Ivan (Involvement of the ethylene-signalling pathway in sugar-induced tolerance to the herbicide atrazine in *Arabidopsis thaliana* seedlings. *Journal of Plant Physiology* In Press, Corrected Proof: 235.
Rejection Code: NO SOURCE.
- Sun, Hui and Fung, Yingsing (2006). Piezoelectric quartz crystal sensor for rapid analysis of pirimicarb residues using molecularly imprinted polymers as recognition elements: Asianalysis VIII - Papers presented at the 8th Asian Conference on Analytical Chemistry (Asianalysis VIII, Taipei, Taiwan, 16-20 October 2005. *Analytica Chimica Acta* 576: 67-76.
Rejection Code: METHODS.
- Suszter, G., Ambrus A(acute), Turcu, M., and Klaus, P. (2006). Estimation of efficiency of processing soil samples for pesticide residues analysis. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 531-552, 2006.
Rejection Code: METHODS.
- Swan, S. H., Kruse, R. L., Liu, F., Barr, D. B., Drobnis, E. Z., Redmon, J. B., Wang, C., Brazil, C., and Overstreet, J. W. (2003). Semen Quality in Relation to Biomarkers of Pesticide Exposure. *Environmental Health Perspectives [Environ. Health Perspect.]*. Vol. 111, no. 12, pp. 1478-1484. Sep 2003.
Rejection Code: HUMAN HEALTH.
- Sweeney, Bernard W, Bott, Thomas L, Jackson, John K, Kaplan, Louis A, Newbold, J Denis, Standley, Laurel J, Hession, W Cully, and Horwitz, Richard J (2004). Riparian deforestation, stream narrowing, and loss of stream ecosystem services. *Proceedings Of The National Academy Of Sciences Of The United States Of America* 101: 14132-14137.
Rejection Code: SURVEY.
- Szigeti, Zoltan and Lehocski, Endre (2003). A review of physiological and biochemical aspects of resistance to atrazine and paraquat in Hungarian weeds. *Pest Management Science* 59: 451-458.
Rejection Code: REVIEW.
- Takahagi, T., Ikezawa, N., Endo, T., Ifuku, K., Yamamoto, Y., Kinoshita, Y., Takeshita, S., and Sato, F. (2006). Inhibition of PSII in atrazine-tolerant tobacco cells by barbatic acid, a lichen-derived depside. *Bioscience, Biotechnology and Biochemistry*, 70 (1) pp. 266-268, 2006.
Rejection Code: IN VITRO.
- Takeuchi, Toshifumi, Ugata, Satoshi, Masuda, Shuichi, Matsui, Jun, and Takase, Masayoshi (2004). Atrazine transformation using synthetic enzymes prepared by molecular imprinting. *Organic & Biomolecular Chemistry* 2: 2563-2566.
Rejection Code: CHEM METHODS.
- Tanguy, Arnaud, Boutet, Isabelle, Boudry, Pierre , Degremont, Lionel, Laroche, Jean, and Moraga, Dario (Molecular identification and expression of the phosphoglucosyltransferase (PGM) gene from the Pacific oyster *Crassostrea gigas*. *Gene* In Press, Corrected Proof.
Rejection Code: NO SOURCE.
- Tanguy, Arnaud, Boutet, Isabelle, Laroche, Jean, and Moraga, Dario (2005). Molecular identification and expression study of differentially regulated genes in the Pacific oyster *Crassostrea gigas* in response to pesticide exposure. *FEBS J* 272: 390-403.
Rejection Code: METABOLISM.
- Taniguchi, T, Azuma, H, Okada, Y, Naiki, H, Hollenberg, M D, and Muramatsu, I (2001). Endothelin-1-endothelin receptor type A mediates closure of rat ductus arteriosus at birth. *The Journal Of Physiology* 537: 579-585.
Rejection Code: NO COC.

- Tao, Qing-Hui and Tang, Hong-Xiao (2004). Effect of dye compounds on the adsorption of atrazine by natural sediment. *Chemosphere* 56: 31-38.
Rejection Code: FATE.
- Tappe, Wolfgang, Groeneweg, Joost, and Jantsch, Barbara (2002). Diffuse atrazine pollution in German aquifers. *Biodegradation* 13: 3-10.
Rejection Code: FATE.
- ten Cate, Mattijs G J, Omerovicacut, , Merdan, Oshovsky, Gennady V, Crego-Calama, Mercedes, and Reinhoudt, David N (2005). Self-assembly and stability of double rosette nanostructures with biological functionalities. *Organic & Biomolecular Chemistry* 3: 3727-3733.
Rejection Code: CHEM METHODS.
- Tesfamichael, Aklilu A. and Kaluarachchi, Jagath J. (2006). A methodology to assess the risk of an existing pesticide and potential future pesticides for regulatory decision-making. *Environmental Science & Policy* 9: 275-290.
Rejection Code: NO TOX DATA.
- Thomas, Peter and Dong, Jing (2006). Binding and activation of the seven-transmembrane estrogen receptor GPR30 by environmental estrogens: A potential novel mechanism of endocrine disruption: Proceedings of the 17th International Symposium of The Journal of Steroid Biochemistry and Molecular Biology. RECENT ADVANCES IN STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY (Seefeld, Tyrol, Austria 31 May-3 June 2006). *The Journal of Steroid Biochemistry and Molecular Biology* 102: 175-179.
Rejection Code: NO TOX DATA.
- Thomas, Peter and Doughty, Kelly (2004). Disruption of rapid, nongenomic steroid actions by environmental chemicals: interference with progestin stimulation of sperm motility in Atlantic croaker. *Environmental Science & Technology* 38: 6328-6332.
Rejection Code: IN VITRO.
- Thurman, E. Michael ("Does atrazine transform to propazine in aquatic sediments?": Comment on "Biological and chemical transformations of atrazine in coastal aquatic sediments" by Kelly L. Smalling and C. Marjorie Aelion [Chemosphere 62 (2006) 188-196]. *Chemosphere* In Press, Corrected Proof.
Rejection Code: FATE.
- Touloupakis, E, Giannoudi, L, Piletsky, S A, Guzzella, L, Pozzoni, F, and Giardi, M T (2005). A multi-biosensor based on immobilized Photosystem II on screen-printed electrodes for the detection of herbicides in river water. *Biosensors & Bioelectronics* 20: 1984-1992.
Rejection Code: CHEM METHODS.
- Trammell, Scott A, Wang, Leyu, Zullo, Joseph M, Shashidhar, Ranganathan, and Lebedev, Nikolai (2004). Orientated binding of photosynthetic reaction centers on gold using Ni-NTA self-assembled monolayers. *Biosensors & Bioelectronics* 19: 1649-1655.
Rejection Code: CHEM METHODS.
- Tschmelak, Jens, Proll, Guenther, and Gauglitz, Guenter (2004). Verification of performance with the automated direct optical TIRF immunosensor (River Analyser) in single and multi-analyte assays with real water samples. *Biosensors and Bioelectronics* 20: 743-752.
Rejection Code: CHEM METHODS.
- Tsui, Lo and Roy, William R. (Effect of compost age and composition on the atrazine removal from solution. *Journal of Hazardous Materials* In Press, Corrected Proof.
Rejection Code: FATE.
- Tudorache, Madalina, Rak, Mariusz, Wieczorek, Piotr P, Jonsson, Jan Ake, and Emneus, Jenny (2004). Immuno-

- SLM-a combined sample handling and analytical technique. *Journal Of Immunological Methods* 284: 107-118.
Rejection Code: METHODS.
- Turgut, C. and Fomin, A. (2002). The ability of *Myriophyllum aquaticum* (Vell.) Verdcourt in the uptake and the translocation of pesticides via roots with a view to using the plants in sediment toxicity testing. *Journal of Applied Botany*, 76 (1-2) pp. 62-65, 2002.
Rejection Code: METABOLISM.
- Turiel, Esther, Perez-Conde, Concepcion, and Martin-Esteban, Antonio (2003). Assessment of the cross-reactivity and binding sites characterisation of a propazine-imprinted polymer using the Langmuir-Freundlich isotherm. *The Analyst* 128: 137-141.
Rejection Code: CHEM METHODS.
- Tyess, D. L., Shea, P. J., and Parkhurst, A. M. (2006). Mineralization potential of atrazine and degradation intermediates from clustered characteristics in inoculated soils. *Soil and Sediment Contamination*, 15 (1) pp. 87-102, 2006.
Rejection Code: FATE.
- Urena-Amate, M. D., Socias-Viciana, M., Gonzalez-Pradas, E., and Saifi, M. (2005). Effects of ionic strength and temperature on adsorption of atrazine by a heat treated kerolite. *Chemosphere* 59: 69-74.
Rejection Code: FATE.
- Va(acute)radi, G., Polya(acute)nka, H., Darko(acute) E(acute), and Lehocski, E. (2003). Atrazine resistance entails a limited xanthophyll cycle activity, a lower PSII efficiency and an altered pattern of excess excitation dissipation. *Physiologia Plantarum*, 118 (1) pp. 47-56, 2003.
Rejection Code: FATE.
- van Beelen, Patrick, Verbruggen, Eric M. J., and Peijnenburg, Willie J. G. M. (2003). The evaluation of the equilibrium partitioning method using sensitivity distributions of species in water and soil. *Chemosphere* 52: 1153-1162.
Rejection Code: FATE.
- Van den Brink, Paul J., Brown, Colin D., and Dubus, Igor G. (Using the expert model PERPEST to translate measured and predicted pesticide exposure data into ecological risks. *Ecological Modelling* In Press, Corrected Proof.
Rejection Code: MODELING.
- Van den Brink, Paul J., Brown, Colin D., and Dubus, Igor G. (2006). Using the expert model PERPEST to translate measured and predicted pesticide exposure data into ecological risks: Selected Papers from the Fourth International Workshop on Environmental Applications of Machine Learning, September 27 - October 1, 2004, Bled, Slovenia. *Ecological Modelling* 191: 106-117.
Rejection Code: MODELING.
- van den Brink, Paul J, Roelsma, Jan, Van Nes, Egbert H, Scheffer, Marten, and Brock, Theo C M (2002). Perpest model, a case-based reasoning approach to predict ecological risks of pesticides. *Environmental Toxicology And Chemistry / SETAC* 21: 2500-2506.
Rejection Code: MODELING.
- Van der Merwe, D and Riviere, J E (2005). Comparative studies on the effects of water, ethanol and water/ethanol mixtures on chemical partitioning into porcine stratum corneum and silastic membrane. *Toxicology In Vitro: An International Journal Published In Association With BIBRA* 19: 69-77.
Rejection Code: IN VITRO.
- van der Merwe, Deon and Riviere, Jim E (2005). Effect of vehicles and sodium lauryl sulphate on xenobiotic

- permeability and stratum corneum partitioning in porcine skin. *Toxicology* 206: 325-335.
Rejection Code: HUMAN HEALTH.
- Vancov, T, Jury, K, and Van Zwieten, L (2005). Atrazine degradation by encapsulated *Rhodococcus erythropolis* NI86/21. *Journal Of Applied Microbiology* 99: 767-775.
Rejection Code: FATE.
- Vani, B., Pardha Saradhi, P., and Mohanty, Prasanna (2001). Alteration in chloroplast structure and thylakoid membrane composition due to in vivo heat treatment of rice seedlings: correlation with the functional changes. *Journal of Plant Physiology* 158: 583-592.
Rejection Code: NO TOXICANT.
- Vani, B, Saradhi, P P, and Mohanty, P (2001). Characterization of high temperature induced stress impairments in thylakoids of rice seedlings. *Indian Journal Of Biochemistry & Biophysics* 38: 220-229.
Rejection Code: NO TOX DATA.
- Vargha, Marta, Takats, Zoltan, and Marialigeti, Karoly (2005). Degradation of atrazine in a laboratory scale model system with Danube river sediment. *Water Research* 39: 1560-1568.
Rejection Code: MODELING, FATE.
- Varghese, Rani, Aravind, Usha K., and Aravindakumar, Charuvila T. (Fenton-enhanced [gamma]-radiolysis of cyanuric acid. *Journal of Hazardous Materials* In Press, Corrected Proof: 76.
Rejection Code: NO SOURCE.
- Vedler, Eve, Vahter, Merle, and Heinaru, Ain (2004). The completely sequenced plasmid pEST4011 contains a novel IncP1 backbone and a catabolic transposon harboring tfd genes for 2,4-dichlorophenoxyacetic acid degradation. *Journal Of Bacteriology* 186: 7161-7174.
Rejection Code: NO TOX DATA.
- Vedrine, Christophe, Leclerc, Jean-Claude, Durrieu, Claude, and Tran-Minh, Canh (2003). Optical whole-cell biosensor using *Chlorella vulgaris* designed for monitoring herbicides. *Biosensors & Bioelectronics* 18: 457-463.
Rejection Code: CHEM METHODS.
- Vellidis, G., Lowrance, R., Gay, P., and Wauchope, R. D. (2002). Herbicide transport in a restored riparian forest buffer system. *Transactions of the ASAE [Trans. ASAE]. Vol. 45, no. 1, pp. 89-97. Jan-Feb 2002.*
Rejection Code: FATE.
- Venkataiah, P., Christopher, T., and Karampuri, S. (2005). Selection of atrazine-resistant plants by in vitro mutagenesis in pepper (*Capsicum annuum*). *Plant Cell, Tissue and Organ Culture*, 83 (1) pp. 75-82, 2005.
Rejection Code: IN VITRO.
- Ventura, A, Jacquet, G, Bermond, A, and Camel, V (2002). Electrochemical generation of the Fenton's reagent: application to atrazine degradation. *Water Research* 36: 3517-3522.
Rejection Code: FATE.
- Vera-Avila, Luz E, Vazquez-Lira, Juan C, Garcia de Llasera, Martha, and Covarrubias, Rosario (2005). Sol-gel immunosorbents doped with polyclonal antibodies for the selective extraction of malathion and triazines from aqueous samples. *Environmental Science & Technology* 39: 5421-5426.
Rejection Code: METHODS.
- Verrin, S. M., Begg, S. J., Ross, P. S., and Department of Fisheries and Oceans Canada, Sidney, BC (Canada) Inst. Ocean. Sci. (2004). Pesticide use in British Columbia and the Yukon: an assessment of types, applications and risks to aquatic biota. *Can. Tech. Rep. Fish. Aquat. Sci./Rapp. Tech. Can. Sci. Halieut. Aquat. no. 2517, 225 pp. 2004.*

Rejection Code: NO SPECIES.

Wackett, L P, Sadowsky, M J, Martinez, B, and Shapir, N (2002). Biodegradation of atrazine and related s-triazine compounds: from enzymes to field studies. *Applied Microbiology And Biotechnology* 58: 39-45.
Rejection Code: METABOLISM.

Wacksman, M. (2005). Impact of Atrazine on Chlorpyrifos Toxicity to Four Aquatic Vertebrates. *M.S.Thesis, So.II.Univ., Carbondale, IL* 38 p.
Rejection Code: PUBL AS.

Waite, D. T., Bailey, P., Sproull, J. F., Quiring, D. V., Chau, D. F., Bailey, J., and Cessna, A. J. (2005). Atmospheric concentrations and dry and wet deposits of some herbicides currently used on the Canadian Prairies. *Chemosphere* 58: 693-703.
Rejection Code: SURVEY.

Walker, S. R., Taylor, I. N., Milne, G., Osten, V. A., Hoque, Z., and Farquharson, R. J. (2005). A survey of management and economic impact of weeds in dryland cotton cropping systems of subtropical Australia. *Australian Journal of Experimental Agriculture*, 45 (1) pp. 79-91, 2005 .
Rejection Code: SURVEY.

Wallack, Rachel N. and Hope, Bruce K. (2002). Quantitative Consideration of Ecosystem Characteristics in an Ecological Risk Assessment: A Case Study. *Human and Ecological Risk Assessment* 8: 1805-1814.
Rejection Code: NO TOX DATA.

Wan, M., Kuo, J. N., McPherson, B., and Pasternak, J. (2006). Agricultural pesticide residues in farm ditches of the lower fraser valley, British Columbia, Canada. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, 41 (5) pp. 647-669, 2006 .
Rejection Code: SURVEY.

Wang, Jinhua, Zhu, Lusheng, Wang, Jun, Sun, Ruilian, and Zhao, Bingqiang (2003). Effect of atrazine on urease activity in soils with different fertility. *Ying Yong Sheng Tai Xue Bao = The Journal Of Applied Ecology / Zhongguo Sheng Tai Xue Xue Hui, Zhongguo Ke Xue Yuan Shenyang Ying Yong Sheng Tai Yan Jiu Suo Zhu Ban* 14: 2281-2284.
Rejection Code: NON ENGLISH.

Wang, T, Li, Y, Shi, Y, Reboud, X, Darmency, H, and Gressel, J (2004). Low frequency transmission of a plastid-encoded trait in *Setaria italica*. *TAG. Theoretical And Applied Genetics. Theoretische Und Angewandte Genetik* 108: 315-320.
Rejection Code: NO TOX DATA.

Weaver, M A, Zablotowicz, R M, and Locke, M A (2004). Laboratory assessment of atrazine and fluometuron degradation in soils from a constructed wetland. *Chemosphere* 57: 853-862.
Rejection Code: FATE.

Weaver, S. E. (2001). The biology of Canadian weeds. 115. *Conyza canadensis*. *Canadian Journal of Plant Science*, 81 (4) pp. 867-875, 2001.
Rejection Code: NO TOX DATA.

Weber, Jerome B., Warren, Ralph L., Swain, Len R., and Yelverton, Fred H. (2007). Physicochemical property effects of three herbicides and three soils on herbicide mobility in field lysimeters: Weed Science in Time of Transition. *Crop Protection* 26: 299-311.
Rejection Code: FATE.

Webster, Eva, Mackay, Don, Di Guardo, Antonio, Kane, David, and Woodfine, David (2004). Regional differences in chemical fate model outcome. *Chemosphere* 55: 1361-1376.

Rejection Code: MODELING, FATE.

Wei, Hong, Li, Ke-bin, Tong, Shao-ping, and Liu, Wei-ping (2004). Reductive dechlorination of atrazine by Ni/Fe bimetallic particles. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 25: 154-157 .

Rejection Code: NON ENGLISH.

Weiner, Jeannette A., DeLorenzo, Marie E., and Fulton, Michael H. (Atrazine induced species-specific alterations in the subcellular content of microalgal cells. *Pesticide Biochemistry and Physiology* In Press, Corrected Proof.

Rejection Code: NO SOURCE.

Wenger, K, Bigler, L, Suter, M J-F, Schonenberger, R, Gupta, S K, and Schuln, R (Effect of corn root exudates on the degradation of atrazine and its chlorinated metabolites in soils. *Journal Of Environmental Quality* 34: 2187-2196.

Rejection Code: FATE.

Westerhoff, Paul, Yoon, Yeomin, Snyder, Shane, and Wert, Eric (2005). Fate of endocrine-disruptor, pharmaceutical, and personal care product chemicals during simulated drinking water treatment processes. *Environmental Science & Technology* 39: 6649-6663.

Rejection Code: NO TOX DATA.

Weston, L. A. and Czarnota, M. A. (2001). Activity and persistence of sorgoleone, a long-chain hydroquinone produced by Sorghum bicolor. *Journal of Crop Production*, 4 (2) pp. 363-377, 2001.

Rejection Code: FATE.

Whitehead JA, Sistrunk SC, and Filipov NM (2004). Species, Strain, And Sex Influence On The Dopaminergic Toxicity Of The Herbicide Atrazine Ex Vivo. *Toxicologist* 2004 Mar;78(1-S):277.

Rejection Code: METABOLISM.

Whittington, R A, Virag, L, Morishima, H O, and Vulliemoz, Y (2001). Dexmedetomidine decreases extracellular dopamine concentrations in the rat nucleus accumbens. *Brain Research* 919: 132-138.

Rejection Code: NO COC.

Wilhelms, K. W. (2005). Reproductive Toxicity and Endocrine Disrupting Potential of Atrazine During Sexual Maturation of the Japanese Quail. *Ph.D.Thesis, Iowa State Univ., Ames, IA* 217 p.

Rejection Code: PUBL AS.

Williams, Elizabeth H, Bsat, Nada, Bonnefoy, Nathalie, Butler, Christine A, and Fox, Thomas D (2005). Alteration of a novel dispensable mitochondrial ribosomal small-subunit protein, Rsm28p, allows translation of defective COX2 mRNAs. *Eukaryotic Cell* 4: 337-345.

Rejection Code: YEAST.

Withgott, Jay (2002). Amphibian decline. Ubiquitous herbicide emasculates frogs. *Science* 296: 447-448.

Rejection Code: ABSTRACT.

Wood, B. P., Gumbs, F., and Headley, J. V. (2005). Dissipation of atrazine and two N-dealkylated metabolites in soils of sugarcane plantations under field conditions in Barbados. *Communications in Soil Science and Plant Analysis*, 36 (4-6) pp. 783-794, 2005.

Rejection Code: FATE.

Wood, Martin, Issa, Salah, Albuquerque, Miriam, and Johnson, Andrew C (2002). Spatial variability in herbicide degradation in the subsurface environment of a groundwater protection zone. *Pest Management Science* 58: 3-9.

Rejection Code: FATE.

- Wu, A-Qing, Guo, Guang-Hua, Zheng, Fa-Kun, Liu, Xi, Guo, Guo-Cong, and Huang, Jin-Shun (2005). The first cyanuric acid adduct incorporated with metal complex: a novel bi-layered structure constructed by hydrogen bonds. *Inorganic Chemistry Communications* 8: 182-185.
Rejection Code: CHEM METHODS.
- Wyss, A, Cordente, N, von Stockar, U, and Marison, I W (2004). A novel approach for the extraction of herbicides and pesticides from water using liquid-core microcapsules. *Biotechnology And Bioengineering* 87: 734-742.
Rejection Code: CHEM METHODS.
- Wyss, Anne, Boucher, Julien, Montero, Alexandro, and Marison, Ian (2006). Micro-encapsulated organic phase for enhanced bioremediation of hydrophobic organic pollutants: Papers from the 1st International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld-2005). *Enzyme and Microbial Technology* 40: 25-31.
Rejection Code: BACTERIA.
- Wyss, Anne, Boucher, Julien, Montero, Alexandro, and Marison, Ian (Micro-encapsulated organic phase for enhanced bioremediation of hydrophobic organic pollutants. *Enzyme and Microbial Technology* In Press, Corrected Proof.
Rejection Code: FATE.
- Xiaozhen, Fan, Bo, Lu, and Aijun, Gong (2005). Dynamics of solar light photodegradation behavior of atrazine on soil surface. *Journal of Hazardous Materials* 117: 75-79.
Rejection Code: FATE.
- Xu, Fu-Liu, Dawson, R. W., Tao, Shu, Li, Ben-Gang, and Cao, Jun (2002). System-level responses of lake ecosystems to chemical stresses using exergy and structural exergy as ecological indicators. *Chemosphere* 46: 173-185.
Rejection Code: MODELING.
- Yakovleva, Julia, Davidsson, Richard, Bengtsson, Martin, Laurell, Thomas, and Emneus, Jenny (2003). Microfluidic enzyme immunosensors with immobilised protein A and G using chemiluminescence detection. *Biosensors & Bioelectronics* 19: 21-34.
Rejection Code: CHEM METHODS.
- Yakovleva, Julia, Davidsson, Richard, Lobanova, Anna, Bengtsson, Martin, Eremin, Sergei, Laurell, Thomas, and Emneus, Jenny (2002). Microfluidic enzyme immunoassay using silicon microchip with immobilized antibodies and chemiluminescence detection. *Analytical Chemistry* 74: 2994-3004.
Rejection Code: CHEM METHODS.
- Yamada, T., Ishige, T., Shiota, N., Inui, H., Ohkawa, H., and Ohkawa, Y. (2002). Enhancement of metabolizing herbicides in young tubers of transgenic potato plants with the rat CYP1A1 gene. *Theoretical and Applied Genetics*, 105 (4) pp. 515-520, 2002.
Rejection Code: METABOLISM.
- Yamasaki, Kanji, Sawaki, Masakuni, Noda, Shoji, Muroi, Takako, Takakura, Saori, Mitoma, Hideo, Sakamoto, Satoko, Nakai, Makoto, and Yakabe, Yoshikuni (2004). Comparison of the Hershberger assay and androgen receptor binding assay of twelve chemicals. *Toxicology* 195: 177-186.
Rejection Code: METHODS.
- Yan, Deng-hua, He, Yan, and Wang, Hao (2005). Environmental characteristics of the atrazine in the waters in East Liaohhe River Basin. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 26: 203-208.
Rejection Code: NON ENGLISH.

- Yang, Chun-Chieh, Prasher, Shiv O., Lacroix, Rene, and Kim, Seung Hyun (2003). A Multivariate Adaptive Regression Splines Model for Simulation of Pesticide Transport in Soils. *Biosystems Engineering* 86: 9-15.
Rejection Code: MODELING.
- Yang, Wei-chun, Liu, Wei-ping, Liu, Hui-jun, and Liu, Guang-shen (2003). Adsorption and correlation with their thermodynamic properties of triazine herbicides on soils. *Journal Of Environmental Sciences (China)* 15: 443-448.
Rejection Code: FATE.
- Yang, Weichun, Gan, Jay J, Bondarenko, Svetlana, and Liu, Weiping (2004). Nucleophilic radical substitution reaction of triazine herbicides with polysulfides. *Journal Of Agricultural And Food Chemistry* 52: 7051-7055.
Rejection Code: NO SPECIES.
- Yang, Yaning and Sheng, Guangyao (2003). Pesticide adsorptivity of aged particulate matter arising from crop residue burns. *Journal Of Agricultural And Food Chemistry* 51: 5047-5051.
Rejection Code: FATE.
- Ye, C, Lei, Z, Wang, X, Gong, A, and Zheng, H (2001). Multimedia environmental behavior of herbicide atrazine. *Huan Jing Ke Xue= Huanjing Kexue / [Bian Ji, Zhongguo Ke Xue Yuan Huan Jing Ke Xue Wei Yuan Hui "Huan Jing Ke Xue" Bian Ji Wei Yuan Hui.]* 22: 69-73.
Rejection Code: NON ENGLISH.
- Ye, C M, Gong, A J, Wang, X J, Zheng, H H, and Lei, Z F (2001). Distribution of atrazine in a crop-soil-groundwater system at Baiyangdian Lake area in China. *Journal Of Environmental Sciences (China)* 13: 148-152.
Rejection Code: FATE.
- Ye, C M, Lei, Z F, Wang, X J, Gong, A J, and Zheng, H H (2001). Multimedia model of atrazine in plant-soil-groundwater system with a fugacity approach. *Journal Of Environmental Sciences (China)* 13: 466-471.
Rejection Code: MODELING.
- Yeates, G. W., Wardle, D. A., and Watson, R. N. (1993). Relationships Between Nematodes, Soil Microbial Biomass and Weed-Management Strategies in Maize and Asparagus Cropping Systems. *Soil Biol.Biochem.* 25: 869-876.
Rejection Code: NO CONC.
- Ying, G G, Kookana, R S, and Mallavarpu, M (2005). Release behavior of triazine residues in stabilised contaminated soils. *Environmental Pollution (Barking, Essex: 1987)* 134: 71-77.
Rejection Code: FATE.
- Yruela, I., Alfonso, M., Garcia-Rubio, I., Martinez, J. I., Picorel, R., and Alonso, P. J. (2001). Spin label electron paramagnetic resonance study in thylakoid membranes from a new herbicide-resistant D1 mutant from soybean cell cultures deficient in fatty acid desaturation. *Biochimica et Biophysica Acta (BBA) - Biomembranes* 1515: 55-63.
Rejection Code: NO SPECIES.
- Zablotowicz, Robert M., Locke, Martin A., Krutz, L. Jason, Lerch, Robert N., Lizotte, Richard E., Knight, Scott S., Gordon, R. Earl, and Steinriede, R. Wade (2006). Influence of watershed system management on herbicide concentrations in Mississippi Delta oxbow lakes. *Science of The Total Environment* 370: 552-560.
Rejection Code: FATE.
- Zacco, E., Galve, R., Marco, M. P., Alegret, S., and Pividori, M. I. (2007). Electrochemical biosensing of pesticide residues based on affinity biocomposite platforms. *Biosensors and Bioelectronics* 22: 1707-1715.
Rejection Code: CHEM MEHTODS.

- Zambetoglou, K., Papagianni, M., Papaioannou, A. , Charalambidou, A., and Samara, C. (2006). Occurrence and Removal of Pesticides in the Drinking Water Treatment Plant of Thessaloniki, Northern Greece. *Fresenius Environmental Bulletin [Fresenius Environ. Bull.]*. Vol. 15, no. 9a, pp. 989-996. 2006.
Rejection Code: FATE.
- Zarpon, Lilian, Abate, Gilberto, Santos, Luciana B. O. dos, and Masini, Jorge C. (Montmorillonite as an adsorbent for extraction and concentration of atrazine, propazine, deethylatrazine, deisopropylatrazine and hydroxyatrazine. *Analytica Chimica Acta* In Press, Corrected Proof.
Rejection Code : METHODS.
- Zeimen, M. B., Janssen, K. A., Sweeney, D. W., Pierzynski, G. M., Mankin, K. R., Devlin, D. L. , Regehr, D. L., Langemeier, M. R., and McVay, K. A. (2006). Combining Management Practices to Reduce Sediment, Nutrients, and Herbicides in Runoff. *Journal of Soil and Water Conservation [J. Soil Water Conserv.]*. Vol. 61, no. 5, pp. 258-269. Sep-Oct 2006.
Rejection Code: FATE.
- Zeljezic, D and Garaj-Vrhovac, V (2004). Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay. *Neoplasma* 51: 198-203.
Rejection Code: IN VITRO.
- Zeljezic, Davor and Garaj-Vrhovac, Vera (2002). Sister chromatid exchange and proliferative rate index in the longitudinal risk assessment of occupational exposure to pesticides. *Chemosphere* 46: 295-303.
Rejection Code: HUMAN HEALTH.
- Zeljezic Davor, Garaj-Vrhovac Vera, and Perkovic Petra (2006). Evaluation of DNA damage induced by atrazine and atrazine-based herbicide in human lymphocytes in vitro using a comet and DNA diffusion assay. *Toxicology In Vitro [Toxicol. In Vitro]*. Vol. 20, no. 6, pp. 923-935. Sep 2006.
Rejection Code: HUMAN HEALTH.
- Zeng, Kui, Hwang, Huey-Min, Zhang, Yi, and Cook, Sean (2004). Assessing cytotoxicity of photosensitized transformation products of 2,4,6-trinitrotoluene (TNT) and atrazine with freshwater microbial assemblages. *Environmental Toxicology* 19: 490-496.
Rejection Code: BACTERIA.
- Zhang, Jie-Peng, Lin, Yan-Yong, Zhang, Wei-Xiong, and Chen, Xiao-Ming (2005). Temperature- or Guest-Induced Drastic Single-Crystal-to-Single-Crystal Transformations of a Nanoporous Coordination Polymer. *Journal Of The American Chemical Society* 127: 14162-14163.
Rejection Code: CHEM METHODS.
- Zhang, Qiong, Crittenden, John C., Shonnard, David, and Mihelcic, James R. (2003). Development and evaluation of an environmental multimedia fate model CHEMGL for the Great Lakes region. *Chemosphere* 50: 1377-1397.
Rejection Code: MODELING.
- Zhang, Xiaoxian and Ren, Li (2003). Lattice Boltzmann model for agrochemical transport in soils. *Journal Of Contaminant Hydrology* 67: 27-42.
Rejection Code: MODELING.
- Zhanqi, Gao, Shaogui, Yang, Na, Ta, and Cheng, Sun (Microwave assisted rapid and complete degradation of atrazine using TiO₂ nanotube photocatalyst suspensions. *Journal of Hazardous Materials* In Press, Corrected Proof: 179.
Rejection Code: NO SOURCE.
- Zhao, Shaohan, Arthur, Ellen L, and Coats, Joel R (2003). Influence of microbial inoculation (*Pseudomonas* sp.

strain ADP), the enzyme atrazine chlorohydrolase, and vegetation on the degradation of atrazine and metolachlor in soil. *Journal Of Agricultural And Food Chemistry* 51: 3043-3048.

Rejection Code: FATE.

Zimmermann, K., Heck, M., Frank, J., Kern, J., Vass, I., and Zouni, A. (2006). Herbicide binding and thermal stability of photosystem II isolated from *Thermosynechococcus elongatus*. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* 1757: 106-114.

Rejection Code: METHODS.