

APPENDIX G BIBLIOGRAPHY OF ECOTOX PAPERS

No study endpoints from the ECOTOX open literature references were selected for use in the quantitative estimation of risk. The following points summarize the reasons why no endpoints were selected from the open literature.

- The study had endpoints that were higher than those used from the studies submitted to the Agency
- The study was an efficacy-type study with no endpoints.
- There was insufficient information on the test material in the study report to determine concentration levels tested for either the active ingredient and/or the glyphosate acid equivalent.
- The study appeared to have lower endpoints; however, it was not clear whether or not the study protocols were adequate. These studies were considered in the risk description and compared to the estimated exposures as a conservative check on the risk estimations conducted from the submitted studies.
- Some study endpoints were not relevant for assessment of risk to the CRLF (*e.g.*, marine/estuarine endpoints).
- The quantitative expression of exposure in the study could not be transformed to values that could be compared to the exposure values used in this assessment.

As a note, selected studies were summarized in the assessment for the purpose of showing potential sublethal effects.

The following is an explanation of the acceptability criteria and rejection codes used for the ECOTOX papers. The ECOTOX bibliography follows the acceptability criteria and rejection code discussion.

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

Studies located and coded into ECOTOX must meet acceptability criteria, as established in the *Interim Guidance of the Evaluation Criteria for Ecological Toxicity Data in the Open Literature, Phase I and II*, Office of Pesticide Programs, U.S. Environmental Protection Agency, July 16, 2004. Studies that do not meet these criteria are designated in the bibliography as “Accepted for ECOTOX but not OPP.” The intent of the acceptability criteria is to ensure data quality and verifiability. The criteria parallel criteria used in evaluating registrant-submitted studies. Specific criteria are listed below, along with the corresponding rejection code.

- The paper does not report toxicology information for a chemical of concern to OPP; (Rejection Code: NO COC)
- The article is not published in English language; (Rejection Code: NO FOREIGN)
- The study is not presented as a full article. Abstracts will not be considered; (Rejection Code: NO ABSTRACT)
- The paper is not publicly available document; (Rejection Code: NO NOT PUBLIC (typically not used, as any paper acquired from the ECOTOX holding or through the literature search is considered public))

- The paper is not the primary source of the data; (Rejection Code: NO REVIEW)
- The paper does not report that treatment(s) were compared to an acceptable control; (Rejection Code: NO CONTROL)
- The paper does not report an explicit duration of exposure; (Rejection Code: NO DURATION)
- The paper does not report a concurrent environmental chemical concentration/dose or application rate; (Rejection Code: NO CONC)
- The paper does not report the location of the study (e.g., laboratory vs. field); (Rejection Code: NO LOCATION)
- The paper does not report a biological effect on live, whole organisms; (Rejection Code: NO IN-VITRO)
- The paper does not report the species that was tested; and this species can be verified in a reliable source; (Rejection Code: NO SPECIES)
- The paper does not report effects associated with exposure to a single chemical. (Rejection Code: NO MIXTURE). It should be noted that all papers including data on pesticide mixtures are considered.

Additionally, efficacy studies on target species are excluded and coded as NO TARGET.

Data that originated from the OPP Pesticide Ecotoxicity Database is coded as NO EFED. These data are already available to the chemical team.

Acceptable for ECOTOX and OPP

1. 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,DPP1; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP,DPP1,ATZ,SZ,DMT).
2. Abdel-Hamid, M. I., Kallqvist, T., Hessen, D. O., and Berge, D. (1996). The Use of Field Enclosure Experiments to Study the Effect of Pesticides on Lake Phytoplankton. *Lakes Reserv. Res. Manag.* 2: 199-209.

EcoReference No.: 59234
Chemical of Concern: GYP,CSF,PCZ,DMT; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DMT,PCZ,GYP).
3. Abdelghani, A. A., Tchounwou, P. B., Anderson, A. C., Sujono, H., Heyer, L. R., and Monkiedje, A. (1997). Toxicity Evaluation of Single and Chemical Mixtures of Roundup, Garlon-3A, 2,4-D, and Syndets Surfactant to Channel Catfish (*Ictalurus punctatus*), Bluegill Sunfish (*Lepomis microlochirus*), and Crawfish (*Procambarus* spp.). *Environ. Toxicol. Water Qual.* 12: 237-243.

EcoReference No.: 46779
Chemical of Concern: GYPI,24D,TPR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI),OK(24D).
4. Adam, A., Marzuki, A., Rahman, H. A., and Aziz, M. A. (1997). The Oral and Intratracheal Toxicities of Roundup and Its Components to Rats. *Vet. Hum. Toxicol.* 39: 147-151.

- EcoReference No.: 97142
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,CEL,MOR,GRO; Rejection Code: LITE EVAL CODED(GYP).
5. Addison, P. J. and Barker, G. M. (2006). Effect of Various Pesticides on the Non-Target Species Microctonus hyperodae, a Biological Control Agent of *Listronotus bonariensis*. *Entomol.Exp.Appl.* 119: 71-79.

EcoReference No.: 86585
Chemical of Concern: CPY,DFZ,GYPI,PAQT,ASM; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(GYPI),TARGET(CPY).
6. Ahn, Y. J., Cho, J. R., Kim, Y. J., Yoo, J. K., and Lee, J. O. (1997). Toxicity of the Herbicide Glufosinate-Ammonium to *Tetranychus urticae* (Acari: Tetranychidae) Under Laboratory and Field Conditions. *Pestic.Sci.* 51: 455-461 .

EcoReference No.: 63571
Chemical of Concern: PAQT,TFY,FPY,GYPI,GFSNH; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(GYPI),OK(GFSNH).
7. Ahrens, W. H. and Pill, W. G. (1985). Gel-Incorporated Glyphosate for Perennial Weed Control. *Hortscience* 20: 64-66.

EcoReference No.: 32391
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
8. Ahuja, S. and Sandhu, K. S. (2003). Efficiency of Weed Control in Cabbage-Onion Relay Cropping System. *Ann.Biol.* 19: 31-34.

EcoReference No.: 81983
Chemical of Concern: PDM,OXF,MBZ,TFN,LNR,GYP; Habitat: T; Effect Codes: POP,ACC; Rejection Code: TARGET(LNR,GYP,OXF).
9. Ahuja, S. and Sandhu, K. S. (2003). Weed Management Through the Use of Herbicides in Cabbage-Onion Relay Cropping System. *Ann.Biol.* 19: 27-30.

EcoReference No.: 81982
Chemical of Concern: PDM,OXF,MBZ,TFN,LNR,GYP; Habitat: T; Effect Codes: POP,ACC; Rejection Code: TARGET(LNR,GYP,OXF).
10. Akin, D. S. and Shaw, D. R. (2001). Purple Nutsedge (*Cyperus rotundus*) and Yellow Nutsedge (*Cyperus esculentus*) Control in Glyphosate-Tolerant Soybean (*Glycine max*). *Weed Technol.* 15: 564-570.

EcoReference No.: 66779
Chemical of Concern: GYP,FSF; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO SOURCE,TARGET(GYP,FSF).
11. Al-Khatib, K. and Peterson, D. (1999). Soybean (*Glycine max*) Response to Simulated Drift from Selected Sulfonylurea Herbicides, Dicamba, Glyphosate, and Glufosinate. *Weed Technol.* 13: 264-270.

EcoReference No.: 63448
Chemical of Concern: DMB,GYP; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: TARGET(DMB,GYP).
12. Al-Omar, M. A. and Hassan, N. A. (2000). Simple and Rapid Method for the Detection of Early Signs of Toxicity in *Daphnia magna* Straus. *Bull.Environ.Contam.Toxicol.* 65: 553-559.

- EcoReference No.: 57007
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(GYP).
13. Aladesanwa, R. D. and Oladimeji, M. O. (2005). Optimizing Herbicidal Efficacy of Glyphosate Isopropylamine Salt Through Ammonium Sulphate as Surfactant in Oil Palm (*Elaeis guineensis*) Plantation in a Rainforest Area of Nigeria. *Crop Prot.* 24: 1068-1073.
- EcoReference No.: 86079
Chemical of Concern: NHS04,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
14. Alberdi, J. L., Saenz, M. E., Di Marzio, W. D., and Tortorelli, M. C. (1996). Comparative Acute Toxicity of Two Herbicides, Paraquat and Glyphosate, to *Daphnia magna* and *D. spinulata*. *Bull. Environ. Contam. Toxicol.* 57: 229-235.
- EcoReference No.: 17455
Chemical of Concern: GYP; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(GYP).
15. Aldrich, J. H. and Arnold, C. E. (1984). Effects of Glyphosate on Peach Tree Growth and Fruiting. *Hortscience* 19: 540-542.
- EcoReference No.: 31955
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
16. Anthony, R. G. and Morrison, M. L. (1985). Influence of Glyphosate Herbicide on Small-Mammal Populations in Western Oregon. *Northwest Sci.* 59: 159-168 .
- EcoReference No.: 39678
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
17. Anton, F. A., Ariz, M., and Alia, M. (1993). Ecotoxic Effects of Four Herbicides (Glyphosate, Alachlor, Chlortoluron and Isoproturon) on the Algae *Chlorella pyrenoidosa* Chick. *Sci.Total Environ.(Suppl)* 845-851.
- EcoReference No.: 4338
Chemical of Concern: ACR,GYP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
18. Anton, F. A., Laborda, E., and De Ariz, M. (1994). Acute Toxicity of the Herbicide Glyphosate to Fish. *Chemosphere* 28: 745-753.
- EcoReference No.: 4070
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP).
19. Arnold, J. C. (1999). Assessment of Conventional, Glyphosate-Tolerant, and Sulfonylurea-Tolerant Soybean Systems . *M.S.Thesis, Mississippi State Univ.* 132 p.
- Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
20. Askew, S. D. and Wilcut, J. W. (1999). Cost and Weed Management with Herbicide Programs in Glyphosate-Resistant Cotton (*Gossypium hirsutum*). *Weed Technol.* 13: 308-313.
- EcoReference No.: 63365
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code:

- TARGET(GYP).
21. Askew, S. D., Wilcut, J. W., and Cranmer, J. R. (2002). Cotton (*Gossypium hirsutum*) and Weed Response to Flumioxazin Applied Preplant and Postemergence Directed. *Weed Technol.* 16: 184-190.
EcoReference No.: 62985
Chemical of Concern: FMX, GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
22. Ateh, C. M. and Harvey, R. G. (1999). Annual Weed Control by Glyphosate in Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 13: 394-398.
EcoReference No.: 63435
Chemical of Concern: GYP, ACR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
23. Aust, W. M., Schoenholtz, S. H., Zaebst, T. W., and Szabo, B. A. (1997). Recovery Status of a Tupelo-Cypress Wetland Seven Years After Disturbance: Silvicultural Implications. *For. Ecol. Manag.* 90: 161-169.
EcoReference No.: 97496
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO, POP; Rejection Code: TARGET(GYP).
24. Avav, T. (2000). Control of Speargrass (*Imperata cylindrica* (L) Raeuschel) with Glyphosate and Fluazifop-Butyl for Soybean (*Glycine max* (L) Merr) Production in Savanna Zone of Nigeria. *J. Sci. Food Agric.* 80: 193-196.
EcoReference No.: 63372
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
25. Avav, T. and Okereke, O. U. (1997). Pre-tillage Control of Speargrass (*Imperata cylindrica*) with Glyphosate for Soybean (*Glycine max*) Production. *Indian J. Agric. Sci.* 67: 295-297.
EcoReference No.: 63373
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
26. Baerson, S. R., Rodriguez, D. J., Biest, N. A., Tran, M., You, J., Kreuger, R. W., Dill, G. M., Pratley, J. E., and Gruys, K. J. (2002). Investigating the Mechanism of Glyphosate Resistance in Rigid Ryegrass (*Lolium rigidum*). *Weed Sci.* 50: 721-730.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
27. Barbagallo, R. P., Oxborough, K., Pallett, K. E., and Baker, N. R. (2003). Rapid, Noninvasive Screening for Perturbations of Metabolism and Plant Growth Using Chlorophyll Fluorescence Imaging. *Plant Physiol.* 132: 485-493.
EcoReference No.: 96564
Chemical of Concern: ASM, ATZ, 24D, DFPM, GYP, IZP, PQT; Habitat: T; Effect Codes: PHY, GRO; Rejection Code: TARGET(ATZ, 24D, GYP, IZP).
28. Barker, G. M. (1990). Pasture Renovation: Interactions of Vegetation Control with Slug and Insect Infestations. *J. Agric. Sci.* 115: 195-202.
EcoReference No.: 96998
Chemical of Concern: GYP, PAQT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).

29. Barrett, P. R. F. and Gibson, M. T. (1990). The Control of Some Emergent Weeds with Glyphosate. In: *Conf.8th Int.Symp.on Aquatic Weeds, Aug.13-17, 1990, Uppsala, Sweden, European Weed Research Society, Wageningen, Netherlands* 21-25.
EcoReference No.: 96951
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(GYP).
30. Barros, J. F. C., Basch, G., and De Carvalho, M. (2005). Effect of Reduced Doses of a Post-Emergence Graminicide Mixture to Control *Lolium rigidum* G. in Winter Wheat Under Direct Drilling in Mediterranean Environment. *Crop Prot.* 24: 880-887.
EcoReference No.: 97561
Chemical of Concern: GYPK; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPK).
31. Batt, B. D. J., Black, J. A., and Cowan, W. F. (1980). The Effects of Glyphosate Herbicide on Chicken Egg Hatchability. *Can.J.Zool.* 58: 1940-1942.
EcoReference No.: 35762
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(GYPI).
32. Beckie, H. J. and Holm, F. A. (2002). Response of Wild Oat (*Avena fatua*) to Residual and Non-residual Herbicides in Canola (*Brassica napus*) in Western Canada. *Can.J.Plant Sci.* 82: 797-802.
EcoReference No.: 70940
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
33. Beerling, D. J. (1990). The Use of Non-persistent Herbicides, Glyphosate, and 2,4-D Amine, to Control Riparian Stands of Japanese Knotweed (*Reynoutria japonica* Houtt.). *Regul.Rivers Res. & Manage.* 5: 413-417.
EcoReference No.: 47411
Chemical of Concern: 24DXY,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(24DXY,GYP).
34. Bell, J. R., Haughton, A. J., Boatman, N. D., and Wilcox, A. (2002). Do Incremental Increases of the Herbicide Glyphosate have Indirect Consequences for Spider Communities? *J.Arachnol.* 30: 288-297.
EcoReference No.: 72930
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
35. Belles, D., Shaner, D., Westra, P., and Brunk, G. (2006). Comparison of Efficacy, Absorption and Translocation of Three Glyphosate Formulations on Velvetleaf (*Abutilon theophrasti*). *Pest Manag.Sci.* 62: 1177-1181.
EcoReference No.: 97198
Chemical of Concern: SAMA,GYPI,NHSO4; Habitat: T; Effect Codes: GRO,ACC; Rejection Code: LITE EVAL CODED(SAMA),TARGET(GYPI).
36. Benedetti, A. L., Vituri, C. L., Trentin, A. G., Domingues, M. A. C., and Alvarez-Silva, M. (2004). The Effects of Sub-Chronic Exposure of Wistar Rats to the Herbicide Glyphosate-Biocarb. *Toxicol.Lett.* 153: 227-232.
EcoReference No.: 78015

- Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(GYP).
37. Bengtsson, G., Hansson, L. A., and Montenegro, K. (2004). Reduced Grazing Rates in *Daphnia pulex* Caused by Contaminants: Implications for Trophic Cascades. *Environ.Toxicol.Chem.* 23: 2641-2648.
EcoReference No.: 80969
Chemical of Concern: GYP,DDT; Habitat: A; Effect Codes: ACC,BEH,GRO; Rejection Code: LITE EVAL CODED(GYP).
38. Bergvinson, D. J. and Borden, J. H. (1992). Enhanced Colonization by the Blue Stain Fungus *Ophiostoma clavigerum* in Glyphosate-Treated Sapwood of Lodgepole Pine. *Can.J.For.Res.* 22: 206-209.
EcoReference No.: 96963
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(GYPI).
39. Bergvinson, D. J. and Borden, J. H. (1992). Enhanced Woodpecker Predation on the Mountain Pine Beetle, *Dendroctonus ponderosae* Hopk., in Glyphosate-Treated Lodgepole Pines. *Can.Entomol.* 124: 159-165.
EcoReference No.: 97713
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO; Rejection Code: EFFICACY(GYPI).
40. Bergvinson, D. J. and Borden, J. H. (1991). Glyphosate-Induced Changes in the Attack Success and Development of the Mountain Pine Beetle and Impact of Its Natural Enemies. *Entomol.Exp.Appl.* 60: 203-212.
EcoReference No.: 97551
Chemical of Concern: GYPI; Habitat: T; Effect Codes: BEH,POP,MOR,REP; Rejection Code: LITE EVAL CODED(GYPI).
41. Bernards, M. L., Thelen, K. D., and Penner, D. (2005). Glyphosate Efficacy is Antagonized by Manganese. *Weed Technol.* 19: 27-34.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
42. Berner, D. K., Berggren, G. T., and Snow, J. P. (1991). Effects of Glyphosate on *Calonectria crotalariae* and Red Crown Rot of Soybean. *Plant Dis.* 75: 809-813.
EcoReference No.: 97141
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI).
43. Bertram, M. G. and Pedersen, P. (2004). Adjusting Management Practices Using Glyphosate-Resistant Soybean Cultivars. *Agron.J.* 96: 462-468.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
44. Beste, C. E. (1985). Glyphosate and Sc 0224 Enhancement with Additives on Bermudagrass. *Proc.Northeast.Weed Sci.Soc.* 39: 118-121.
EcoReference No.: 31622
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
45. Beuret, C. J., Zirulnik, F., and Gimenez, M. S. (2005). Effect of the Herbicide Glyphosate on Liver Lipoperoxidation in Pregnant Rats and Their Fetuses. *Reprod.Toxicol.* 19: 501-504.

- EcoReference No.: 97708
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,GRO,BEH; Rejection Code: LITE EVAL CODED(GYP).
46. Beyers, D. W. (1995). Acute Toxicity of Rodeo Herbicide to Rio Grande Silvery Minnow as Estimated by Surrogate Species: Plains Minnow and Fathead Minnow. *Arch.Environ.Contam.Toxicol.* 29: 24-26.

EcoReference No.: 14921
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP).
47. Bhowmik, P. C. (1982). Herbicidal Control of Common Milkweed (*Asclepias syriaca*). *Weed Sci.* 30: 349-351.

EcoReference No.: 25683
Chemical of Concern: 24DXY,AMTL,PCL,GYP,DMB; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(24DXY,GYP).
48. Bidwell, J. R. and Gorrie, J. R. (1995). Acute Toxicity of a Herbicide to Selected Frog Species. *Final Rep., Dep.of Environ.Prot., Technical Series 79, Perth, Western Australia* 9 p.

EcoReference No.: 69216
Chemical of Concern: GYP,GPYI; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI,GYP).
49. Biederbeck, V. O., Campbell, C. A., and Hunter, J. H. (1997). Tillage Effects on Soil Microbial and Biochemical Characteristics in a Fallow-Wheat Rotation in a Dark Brown Soil. *Can.J.Soil Sci.* 77: 309-316.

EcoReference No.: 96990
Chemical of Concern: PAQT,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
50. 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: LITE EVAL CODED(GYP,24DXY,ATZ).
51. Black, B. D. , Russin, J. S., Griffin, J. L., and Snow, J. P. (1996). Herbicide Effects on *Rhizoctonia solani* In Vitro and *Rhizoctonia* Foliar Blight of Soybean (*Glycine max*). *Weed Sci.* 44: 711-716.

EcoReference No.: 97548
Chemical of Concern: PDM,ACF,ACR,GFS,GYP,PAQT; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYP,GFS).
52. Blackburn, L. G. and Boutin, C. (2003). Subtle Effects of Herbicide Use in the Context of Genetically Modified Crops: A Case Study with Glyphosate (Roundup). *Ecotoxicology* 12: 271-285.

EcoReference No.: 81901
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,REP; Rejection Code: TARGET(GYP).
53. Blackshaw, R. E., Semach, G., Li, X., O'Donovan, J. T., and Harker, K. N. (2000). Tillage, Fertiliser and Glyphosate Timing Effects on Foxtail Barley (*Hordeum jubatum*) Management in Wheat. *Can.J.Plant*

- Sci.* 80: 655-660.
EcoReference No.: 63356
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
54. Blair, A. M. (1975). The Control of *Agropyron repens* (L) Beauv. in the Stubble Using Glyphosate. *Weed Res.* 15: 83-88.
EcoReference No.: 43835
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
55. Blazier, M. A., Hennessey, T. C., and Deng, S. (2005). Effects of Fertilization and Vegetation Control on Microbial Biomass Carbon and Dehydrogenase Activity in a Juvenile Loblolly Pine Plantation. *For.Sci.* 51: 449-459.
EcoReference No.: 97162
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
56. Boerboom, C. M. and Wyse, D. L. (1988). Influence of Glyphosate Concentration on Glyphosate Absorption and Translocation in Canada Thistle (*Cirsium arvense*). *Weed Sci.* 36: 291-295.
EcoReference No.: 72066
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
57. Bond, J. A., Oliver, L. R., and Stephenson IV, D. O. (2006). Response of Palmer Amaranth (*Amaranthus palmeri*) Accessions to Glyphosate, Fomesafen, and Pyriproxyfen. *Weed Technol.* 20: 885-892.
Chemical of Concern: GYP,FSF; Habitat: T; Rejection Code: TARGET(FSF,GYP).
58. Bonet, J. A., Fischer, C. R., and Colinas, C. (2006). Cultivation of Black Truffle to Promote Reforestation and Land-Use Stability. *Agron.Sustain.Dev.* 26: 69-76.
EcoReference No.: 97739
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,POP,GRO; Rejection Code: TARGET(GYP).
59. Bonnet, J. L., Bonnemoy, F., Dusser, M., and Bohatier, J. (2007). Assessment of the Potential Toxicity of Herbicides and Their Degradation Products to Nontarget Cells Using Two Microorganisms, the Bacteria *Vibrio fischeri* and the Ciliate *Tetrahymena pyriformis*. *Environ.Toxicol.* 22: 78-91.
EcoReference No.: 97635
Chemical of Concern: ACR,DU,GYP,AMPA; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: LITE EVAL CODED(GYP),OK(DU,AMPA).
60. Bourdot, G. W. and Butler, J. H. B. (1985). Control of *Achillea millefolium* L. (Yarrow) by Rotary Cultivation and Glyphosate. *Weed Res.* 25: 251-258.
EcoReference No.: 31603
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
61. Bourdot, G. W., Hurrell, G. A., and Saville, D. J. (1994). Herbicide Cross-Resistance in *Ranunculus acris* L. subsp. *acris*. *N.Z.J.Agric.Res.* 37: 255-262 .
EcoReference No.: 75835
Chemical of Concern: MCPB,TNM,BT,ASM,CPR,MCPA,24DXY,GYP,CSF; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(MCPB,24DXY,GYP),OK(ALL CHEMS).

62. 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: LITE EVAL CODED(GYP), NO MIXTURE(ATZ, DU).
63. 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: LITE EVAL CODED(GYP), NO MIXTURE(ATZ, DU).
64. Boutin, C., Elmegaard, N., and Kjaer, C. (2004). Toxicity Testing of Fifteen Non-Crop Plant Species with Six Herbicides in a Greenhouse Experiment: Implications for Risk Assessment. *Ecotoxicology* 13: 349-369.
EcoReference No.: 87923
Chemical of Concern: BMN, DMB, MTC, MTSM, PDM, GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
65. Bozeman, J., Koopman, B., and Bitton, G. (1989). Toxicity Testing Using Immobilized Algae. *Aquat.Toxicol.* 14: 345-352.
EcoReference No.: 3405
Chemical of Concern: EDT, GYP, CuS, PCP, Cd; Habitat: A; Effect Codes: BCM, PHY; Rejection Code: LITE EVAL CODED(GYP, CuS, PCP).
66. Bradley, K. W., Hagood, E. S. Jr., and Davis, P. H. (2004). Trumpetcreeper (*Campsis radicans*) Control in Double-Crop Glyphosate-Resistant Soybean with Glyphosate and Conventional Herbicide Systems. *Weed Technol.* 18: 298-303.
Chemical of Concern: GYP, FSF; Habitat: T; Rejection Code: TARGET(FSF, GYP).
67. 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, NH; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ, GYP).
68. Bramble, W. C., Yahner, R. H., and Byrnes, W. R. (1997). Effect of Herbicides on Butterfly Populations of an Electric Transmission Right-of-Way. *J.Arboric.* 23: 196-206.
EcoReference No.: 96936
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
69. Brassett, P. R. and Gilligan, C. A. (1990). Effects of Self-Sown Wheat on Levels of the Take-All Disease on Seedlings of Winter Wheat Grown in a Model System. *J.Phytopathol.* 129: 46-57.
EcoReference No.: 96992
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP, GRO; Rejection Code: LITE EVAL CODED(GYP).

70. Braverman, M. P. (1996). Control of Mannagrass (*Glyceria declinata*) and Southern Watergrass (*Luziola fluitans*) in Water-Seeded Rice (*Oryza sativa*). *Weed Technol.* 10: 68-71.
EcoReference No.: 96386
Chemical of Concern: GYP,GFS,FZF,PAQT,SXD,FNP; Habitat: T; Effect Codes: POP,PHY;
Rejection Code: LITE EVAL CODED(FNP,GYP),TARGET(GFS,SXD) .
71. Bridges, D. C. and Raymer, P. L. (1998). Preharvest and Combine Seed Losses in Canola: Effect of Chemical Harvest Aids and Swathing. In: *G.D.Buntin (Ed.), Res.Bull.No.435, Assessment of Crop Protectants for Use in Canola, Univ.of Ga., Athens, GA* 36-41.
EcoReference No.: 73099
Chemical of Concern: GYP,DMP; Habitat: T; Effect Codes: BCM,POP; Rejection Code: TARGET(GYP).
72. Bromilow, R. H., Evans, A. A., Nicholls, P. H., Todd, A. D., and Briggs, G. G. (1996). The Effect on Soil Fertility of Repeated Applications of Pesticides over 20 Years. *Pestic.Sci.* 48: 63-72.
EcoReference No.: 87085
Chemical of Concern: TDF,GYP,ADC,BMY; Habitat: T; Effect Codes: POP; Rejection Code: OK(ALL CHEMS),TARGET(GYP).
73. Brown, D. H., Standell, C. J., and Miller, J. E. (1995). Effects of Agricultural Chemicals on Lichens. *Cryptogam.Bot.* 5: 220-223.
EcoReference No.: 70615
Chemical of Concern: GYP,ASM,MCPA,CTN,TPR,24DXY,PQT,PPM,SZ; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(CTN,SZ),OK(ALL CHEMS),TARGET(24DXY,GYP).
74. Bruce, J. A. and Kells, J. J. (1990). Horseweed (*Conyza canadensis*) Control in No-Tillage Soybeans (*Glycine max*) with Preplant and Preemergence Herbicides. *Weed Technol.* 4: 642-647.
EcoReference No.: 74013
Chemical of Concern: MTL,DMM,MBZ,PAQT,LNR,24DXY,GYP,CRM; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(MTL,24DXY,LNR,GYP).
75. Bruhn, J. N. and Heyd, R. L. (1985). Reforestation Trials on Harsh Sandy Sites in Michigan's Upper Peninsula - White Grub Interactions. *Mich.Technol.Univ.Ford For.Cent.Res.Notes* 1-7.
EcoReference No.: 97087
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
76. 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: LITE EVAL CODED(ATZ,SZ,GYP).
77. Buffington, J. M., Kilgo, J. C., Sargent, R. A., Miller, K. V., and Chapman, B. R. (2000). Effects of Restoration Techniques on Breeding Birds in a Thermally-Impacted Bottomland Hardwood Forest . *Ecol.Eng.* 15: S115-S120.
EcoReference No.: 97636
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).

78. Buhl, K. J. and Faerber, N. L. (1989). Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge Chironomus riparius. *Arch. Environ. Contam. Toxicol.* 18: 530-536.

EcoReference No.: 3914

Chemical of Concern: ACR,BMN,GYP,MBZ,DMM,BTY,PCH,TRL,EPTC; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(GYP).

79. Burke, I. C., Troxler, S. C., Askew, S. D., Wilcut, J. W., and Smith, W. D. (2005). Weed Management Systems in Glyphosate-Resistant Cotton. *Weed Technol.* 19: 422-429.

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

80. 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),TARGET(PRO,SZ,SXD,ATZ,GYP,OXF).

81. Burrill, L. C., Cannon, L. E., Duddles, R. E., and Poole, A. P. (1992). Effect of Adjuvants on Herbicide Activity on Gorse. *Proc. West. Soc. Weed Sci.* 45: 60-65.

EcoReference No.: 87080

Chemical of Concern: 24DXY,IZP,DMB,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(PYRG),NO ENDPOINT,NO CONTROL(24DXY,IZP,DMB),TARGET(GYP).

82. Burrows, M. E. L., Boerboom, C. M., Gaska, J. M., and Grau, C. R. (2005). The Relationship Between *Aphis glycines* and Soybean Mosaic Virus Incidence in Different Pest Management Systems. *Plant Dis.* 89: 926-934.

EcoReference No.: 97329

Chemical of Concern: LCYT,IZX,CPY,GYPI; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI).

83. Butler, T. J., Muir, J. P., and Ducar, J. T. (2006). Weed Control and Response to Herbicides During Tifton 85 Bermudagrass Establishment from Rhizomes. *Agron.J.* 98: 788-794.

EcoReference No.: 97184

Chemical of Concern: GYP,IAZ,DMB,24D,TFS,DMDP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(24D,DMDP,GYP,DMB).

84. Caglar, S. and Kolankaya, D. (2007). The Effect of Sub-Acute and Sub-Chronic Exposure of Rats to the Glyphosate-Based Herbicide Roundup. *Environ. Toxicol. Pharmacol.* (2007), doi: 10.1016/j.etap.2007.08.011.

EcoReference No.: 97709

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

85. Cantonwine, E. G., Culbreath, A. K., and Stevenson, K. L. (2007). Effects of Cover Crop Residue and Preplant Herbicide on Early Leaf Spot of Peanut. *Plant Dis.* 91: 822-827.

EcoReference No.: 96944

Chemical of Concern: PAQT,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL

- CODED(GYPI).
86. Carriquiriborde, P., Diaz, J., Mugni, H., Bonetto, C., and Ronco, A. E. (2007). Impact of Cypermethrin on Stream Fish Populations Under Field-Use in Biotech-Soybean Production. *Chemosphere* 68: 613-621.
EcoReference No.: 96516
Chemical of Concern: GYP,CYP; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(GYP),OK(CYP).
87. Cauble, K. and Wagner, R. S. (2005). Sublethal Effects of the Herbicide Glyphosate on Amphibian Metamorphosis and Development. *Bull.Environ.Contam.Toxicol.* 75: 429-435.
EcoReference No.: 96423
Chemical of Concern: GYPI; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(GYPI).
88. Cedergreen, N. and Streibig, J. C. (2005). The Toxicity of Herbicides to Non-Target Aquatic Plants and Algae: Assessment of Predictive Factors and Hazard. *Pest Manag.Sci.* 61: 1152-1160.
EcoReference No.: 88207
Chemical of Concern: PDM,MST,DQTBr,MCPA,MCPP1,GYPI,TSF,MTSM,TBZ,BT; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYPI),OK(MCPP1).
89. Cerkauskas, R. F., Dhingra, O. D., Sinclair, J. B., and Foor, S. R. (1982). Effect of Three Desiccant Herbicides on Soybean (*Glycine max*) Seed Quality. *Weed Sci.* 30: 484-490.
EcoReference No.: 25670
Chemical of Concern: GYPI,PAQT,NaClO; Habitat: T; Effect Codes: REP,POP; Rejection Code: LITE EVAL CODED(GYPI).
90. Chachalis, D., Reddy, K. N., and Elmore, C. D. (2001). Characterization of Leaf Surface, Wax Composition, and Control of Redvine and Trumpet creeper with Glyphosate. *Weed Sci.* 49: 156-163.
EcoReference No.: 59375
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: TARGET(GYP).
91. Chakravarty, P. and Chatarpaul, L. (1990). Non-Target Effect of Herbicides: I. Effect of Glyphosate and Hexazinone on Soil Microbial Activity. Microbial Population, and In-Vitro Growth of Ectomycorrhizal Fungi. *Pestic.Sci.* 28: 233-241.
EcoReference No.: 48089
Chemical of Concern: GYPI,HXZ; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(HXZ,GYPI).
92. Chakravarty, P. and Chatarpaul, L. (1990). Non-Target Effect of Herbicides: II. The Influence of Glyphosate on Ectomycorrhizal Symbiosis of Red Pine (*Pinus resinosa*) Under Greenhouse and Field Conditions. *Pestic Sci.* 28: 243-247 .
EcoReference No.: 96770
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(GYP).
93. Chakravarty, P. and Sidhu, S. S. (1987). Effect of Glyphosate, Hexazinone and Triclopyr on In Vitro Growth of Five Species of Ectomycorrhizal Fungi. *Eur.J.For.Pathol.* 17: 204-210.
EcoReference No.: 92276

- Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(HXZ,GYP).
94. Chandrasena, J. P. N. R. (1990). Torpedograss (*Panicum repens* L.) Control with Lower Rates of Glyphosate. *Trop.Pest Manag.* 36: 336-342.
EcoReference No.: 96959
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
95. 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,GYP).
96. Chen, C. Y., Hathaway, K. M., and Folt, C. L. (2004). Multiple Stress Effects of Vision Herbicide, pH, and Food on Zooplankton and Larval Amphibian Species from Forest Wetlands. *Environ.Toxicol.Chem.* 23: 823-831.
EcoReference No.: 72794
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(GYP).
97. Chikoye, D., Udensi, U. E., and Ogunnyemi, S. (2005). Integrated Management of Cogongrass (*Imperata cylindrica* (L.) Rauesch.) in Corn Using Tillage, Glyphosate, Row Spacing, Cultivar, and Cover Cropping. *Agron.J.* 97: 1164-1171.
EcoReference No.: 96821
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(GYP).
98. Christoffoleti, P. J., Trentin, R., Tocchetto, S., Marochi, A., Galli, A. J. B., Lopez-Ovejero, RF, and Nicolai, M. (2005). Alternative Herbicides to Manage Italian ryegrass (*Lolium multiflorum* Lam) Resistant to Glyphosate at Different Phenological Stages. *J.Environ.Sci.Health Part B* 40: 59-67.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
99. Christopher, S. V. and Bird, K. T. (1992). The Effects of Herbicides on Development of *Myriophyllum spicatum* L. Cultured In Vitro. *J.Environ.Qual.* 21: 203-207.
EcoReference No.: 95760
Chemical of Concern: 24D,LNR,ATZ,GYPI; Habitat: A; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL CODED(LNR,GYPI),OK(24D,ATZ).
100. Christy, S. L., Karlander, E. P., and Parochetti, J. V. (1981). Effects of Glyphosate on the Growth Rate of Chlorella. *Weed Sci.* 29: 5-7.
EcoReference No.: 6317
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
101. Clay, D. V. (1972). The Response of Strawberry to a Range of Foliage Acting Herbicides. *Proc.Br.Weed Control Conf.* 11: 409-416.
EcoReference No.: 40855
Chemical of Concern: GYP,BMN,BT,PHMD,PYZ,MBZ; Habitat: T; Effect Codes: PHY,GRO;

- Rejection Code: LITE EVAL CODED(PHMD,BT,BMN,GYP,PYZ,MBZ) .
102. Clay, P. A. and Griffin, J. L. (2000). Weed Seed Production and Seedling Emergence Responses to Late-Season Glyphosate Applications. *Weed Sci.* 48: 481-486.
EcoReference No.: 59381
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
103. Clayton, G. W., Harker, K. N., O'Donovan, J. T., Baig, M. N., and Kidnie, M. J. (2002). Glyphosate Timing and Tillage System Effects on Glyphosate-Resistant Canola (*Brassica napus*). *Weed Technol.* 16: 124-130.
EcoReference No.: 62979
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
104. 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: LITE EVAL CODED(GYP,ATZ,MTL).
105. Clewis, S. B., Wilcut, J. W., and Porterfield, D. (2006). Weed Management with S-Metolachlor and Glyphosate Mixtures in Glyphosate-Resistant Strip- and Conventional-Tillage Cotton (*Gossypium hirsutum* L.). *Weed Technol.* 20: 232-241 .
Chemical of Concern: MTC,GYP; Habitat: T; Rejection Code: TARGET(GYP,MTC).
106. Cole, E. C., McComb, W. C., Newton, M., Chambers, C. L., and Leeming, J. P. (1997). Response of Amphibians to Clearcutting, Burning, and Glyphosate Application in the Oregon Coast Range. *J.Wildl.Manag.* 61: 656-664.
EcoReference No.: 77337
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
107. Cole, E. C., McComb, W. C., Newton, M., Leeming, J. P., and Chambers, C. L. (1998). Response of Small Mammals to Clearcutting, Burning, and Glyphosate Application in the Oregon Coast Range. *J.Wildl.Manag.* 62: 1207-1216.
EcoReference No.: 96942
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
108. Conners, 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: CuS,ATZ,GYPI,DZ,CBL; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI,CBL,DZ,ATZ,CuS).
109. Cooley, W. E. and Foy, C. L. (1992). Effects of SC-0224 and Glyphosate on Free Amino Acids, Soluble Protein, and Protein Synthesis in Inflated Duckweed (*Lemna gibba*). *Weed Sci.* 40: 345-350.

- EcoReference No.: 97549
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(GYP).
110. Cooley, W. E. and Foy, C. L. (1986). Effects of SC-0224 and Glyphosate on Inflated Duckweed (*Lemna gibba*) Growth and EPSP-Synthase Activity from *Klebsiella pneumoniae*. *Pestic.Biochem.Physiol.* 26 : 365-374.
- EcoReference No.: 96935
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
111. Cooney, P. A., Gibbs, D. G., and Golinski, K. D. (1982). Evaluation of the Herbicide, Roundup, for Control of Bitou Bush (*Chrysanthemoides monilifera*). *J Soil Conserv Serv N S W* 38: 6-12.
- EcoReference No.: 25707
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(GYPI).
112. Corrigan, K. A. and Harvey, R. G. (2000). Glyphosate with and Without Residual Herbicides in No-Till Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 14: 569-577.
- EcoReference No.: 59384
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
113. Costa, J. and Appleby, A. P. (1986). Effects of Ammonium Sulfate on Leaf Growth Inhibition by Glyphosate in *Cyperus esculentus* L. *Crop Prot.* 5: 314-318.
- EcoReference No.: 70548
Chemical of Concern: SZ,NH,GYP; Habitat: T; Rejection Code: NO MIXTURE(SZ),TARGET(GYP).
114. Covarelli, L. (2002). Studies on the Control of Broomrape (*Orobanche ramosa* L.) in Virginia Tobacco (*Nicotiana tabacum* L.). *Beit.Tabakforsch.Int.* 20: 77-81.
- EcoReference No.: 83221
Chemical of Concern: GYP,RIM,CI0OH,BTL,FTN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(ALL CHEMS),NO MIXTURE(FTN),TARGET(GYP).
115. Cox, W. J., Hahn, R. R., Stachowski, P. J., and Cherney, J. H. (2005). Weed Interference and Glyphosate Timing Affect Corn Forage Yield and Quality. *Agron.J.* 97: 847-853.
- EcoReference No.: 97518
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(GYP).
116. Crawford, M. C. and Simpson, R. J. (1993). Manipulation of the Feeding Value of Senescing Annual Ryegrass (*Lolium rigidum* Gaud.) with Imazethapyr and Glyphosphate. *Aust.J.Agric.Res.* 44: 1653-1666.
- EcoReference No.: 97082
Chemical of Concern: GYPI,IZT; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYPI).
117. Creager, R. A. (1985). Effect of Preemergence and Rope Wick Applications of Glyphosate on Rhubarb. *Hortscience* 20: 125-126.

- EcoReference No.: 31689
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
118. Culpepper, A. S., York, A. C., Batts, R. B., and Jennings, K. M. (2000). Weed Management in Glufosinate- and Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 14: 77-88.

EcoReference No.: 59387
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
119. Cumming, H. G. (1989). First Year Effects on Moose Browse from Two Silvicultural Applications of Glyphosate in Ontario. *Alces* 25: 118-132.

EcoReference No.: 96943
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH,POP; Rejection Code: TARGET(GYP).
120. Dallegrave, E., Mantese, F. D., Coelho, R. S., Pereira, J. D., Dalsenter, P. R., and Langeloh, A. (2003). The Teratogenic Potential of the Herbicide Glyphosate-Roundup in Wistar Rats. *Toxicol.Lett.* 142: 45-52.

EcoReference No.: 97707
Chemical of Concern: GYPI; Habitat: T; Effect Codes: REP,GRO,MOR; Rejection Code: LITE EVAL CODED(GYPI).
121. Daruich, J., Zirulnik, F., and Gimenez, M. S. (2001). Effect of the Herbicide Glyphosate on Enzymatic Activity in Pregnant Rats and Their Fetuses. *Environ.Res.* 85: 226-231.

EcoReference No.: 97706
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,BEH,GRO; Rejection Code: LITE EVAL CODED(GYP).
122. Dash, R. and Varma, S. C. (2003). Management of Weeds, Nitrogen and Tillage Operations in Wheat (*Triticum aestivum*) Sown After Puddled rice (*Oryza sativa*). *Indian J.Agric.Sci.* 73: 286-288.

EcoReference No.: 82297
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
123. De Barreda, D. G. and Del Busto, A. (1981). Evaluation of Glyphosate for Weed Control in Citrus Orchards of Spain. *P Int Citric* 1981: 487-489.

EcoReference No.: 31813
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
124. De Bellefeuille, S., Belanger, L., Huot, J., and Cimon, A. (2001). Clear-Cutting and Regeneration Practices in Quebec Boreal Balsam Fir Forest: Effects on Snowshoe Hare. *Can.J.For.Res.* 31: 41-51.

EcoReference No.: 96938
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO,BEH; Rejection Code: TARGET(GYPI).
125. 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,GYP).

126. De Maria, N., De Felipe, M. R., and Fernandez-Pascual, M. (2005). Alterations Induced by Glyphosate on Lupin Photosynthetic Apparatus and Nodule Ultrastructure and Some Oxygen Diffusion Related Proteins. *Plant Physiol.Biochem.* 43: 985-996.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
127. De Robbillard, P. J. M. (1982). Preliminary Observations on Pre-harvest Sprays of Glyphosate to Improve the Profitability of Minimum Tillage in Sugarcane. *Proc.S.Afr.Sugar Cane Technol.Assoc.* 56: 125-126.
EcoReference No.: 32221
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,POP; Rejection Code: TARGET(GYP).
128. Deeds, Z. A., Al-Khatib, K., Peterson, D. E., and Stahlman, P. W. (2006). Wheat Response to Simulated Drift of Glyphosate and Imazamox Applied at Two Growth Stages. *Weed Technol.* 20: 23-31.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
129. Deen, W., Hamill, A., Shropshire, C., Soltani, N., and Sikkema, P. H. (2006). Control of Volunteer Glyphosate-Resistant Corn (*Lea mays*) in Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 20: 261-266.
Chemical of Concern: FNP,GYP; Habitat: T; Rejection Code: TARGET (FNP,GYP).
130. Deng, F. (2005). Effects of Glyphosate, Chlorsulfuron, and Methyl Jasmonate on Growth and Alkaloid Biosynthesis of Jimsonweed (*Datura stramonium L.*);Corrigendum to "Effects of Glyphosate, Chlorsulfuron, and Methyl Jasmonate on Growth and Alkaloid Biosynthesis of Jimsonweed (*Datura stramonium L.*)" [Pestic. Biochem. Physiol. 82 (2005) 16-26].
Pestic.Biochem.Physiol.Pestic.Biochem.Physiol.,84(2):155 82: 16-26.
EcoReference No.: 80291
Chemical of Concern: GYP,CSF; Habitat: T; Effect Codes: GRO,CEL,PHY,BCM; Rejection Code: LITE EVAL CODED(GYP),OK(CSF).
131. Denis, M. H. and Delrot, S. (1997). Effects of Salts and Surfactants on Foliar Uptake and Long Distance Transport of Glyphosate. *Plant Physiol.Biochem.* 35: 291-301.
EcoReference No.: 66171
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
132. Derr, J. F., Chandran, R. S., and Ward, W. D. (1996). Preemergence and Postemergence Yellow Nutsedge (*Cyperus esculentus*) Control with MON 12000 in Nursery Crops. *Weed Technol.* 10: 95-99.
EcoReference No.: 73806
Chemical of Concern: MTL,BT,IMQ,GYP,CRM; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MTL),TARGET(GYP).
133. Descalzo, R. C., Punja, Z. K., Levesque, C. A., and Rahe, J. E. (1996). Assessment of Host Specificity Among Different Species of Glyphosate Synergistic Pythium. *Mycol.Res.* 100: 1445-1453.
EcoReference No.: 97716
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: TARGET(GYP).
134. Descalzo, R. C., Punja, Z. K., Levesque, C. A., and Rahe, J. E. (1996). Identification and Role of

- Phythium Species as Glyphosate Synergists on Bean (*Phaseolus vulgaris*) Grown in Different Soils. *Mycol.Res.* 100: 971-978.
- EcoReference No.: 97002
Chemical of Concern: GYPI; Habitat: T; Effect Codes: CEL,POP,GRO,MOR; Rejection Code: TARGET(GYPI).
135. Dewar, A. M., Haylock, L. A., Bean, K. M., and May, M. J. (2000). Delayed Control of Weeds in Glyphosate-Tolerant Sugar Beet and the Consequences on Aphid Infestation and Yield. *Pest Manag.Sci.* 56: 345-350.

EcoReference No.: 64540
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,GRO,PHY,POP; Rejection Code: TARGET(GYP).
136. Dilday, R. H., Helms, R. S., Wells, B. R., Gravois, K. A., Yan, W., Lin, J., Price, M., Jalaluddin, M., Guy, C., and Moldenhauer, K. A. (1995). Genetic, Physiological and Biochemical Enhancement of Exotic Rice Germplasm. *Ark.Agric.Exp.Stn.Res.Ser.*446 9-15.

EcoReference No.: 97532
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(GYPI).
137. Dilday, R. H., Yan, W., Baldwin, F. L., Gravois, K. A., Lee, F. N., Moldenhauer, K. A., and Wells, B. R. (1996). Herbicide Tolerance in Rice to Glyphosate and Sulfosate. *Ark.Agric.Exp.Stn.Res.Ser.*No.453 55-60.

EcoReference No.: 97144
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
138. Dimitrov, B. D., Gadeva, P. G., Benova, D. K., and Bineva, M. V. (2006). Comparative Genotoxicity of the Herbicides Roundup, Stomp and Reglone in Plant and Mammalian Test Systems. *Mutagenesis* 21: 375-382.

EcoReference No.: 97687
Chemical of Concern: PDM,GYPI,DQTBr; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(GYPI).
139. Dinelli, G. (2000). Response to Glyphosate and Electrophoretic Variation of *Cynodon dactylon* (L) Pers Populations. *Pest Manag.Sci.* 56: 327-335.

EcoReference No.: 64644
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
140. Dinelli, G., Marotti, I., Bonetti, A., Minelli, M., Catizone, P., and Barnes, J. (2006). Physiological and Molecular Insight on the Mechanisms of Resistance to Glyphosate in *Conyza canadensis* (L.) Cronq. Biotypes. *Pestic.Biochem.Physiol.* 86: 30-41.

EcoReference No.: 97688
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,GRO,BCM,ACC; Rejection Code: TARGET(GYPI).
141. Dirks, J. T., Johnson, W. G., Smeda, R. J., Wiebold, W. J., and Massey, R. E. (2000). Reduced Rates of Sulfentrazone plus Chlorimuron and Glyphosate in No-Till, Narrow-Row, Glyphosate-Resistant Glycine max. *Weed Sci.* 48: 618-627.

EcoReference No.: 59402

- Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
142. Dirks, J. T., Johnson, W. G., Smeda, R. J., Wiebold, W. J., and Massey, R. E. (2000). Use of Preplant Sulfentrazone in No-Till, Narrow-Row, Glyphosate-Resistant Glycine max. *Weed Sci.* 48: 628-639.
EcoReference No.: 59403
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
143. Doll, J. D. and Piedrahita, W. (1982). Effect of Glyphosate on the Sprouting of Cyperus Rotundus Tubers. *Weed Res.* 22: 123-128.
EcoReference No.: 25760
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
144. Donaldson, R. A. and Inman-Bamber, N. G. (1982). Residual Effect of Glyphosate As A Ripener on Sugarcane. *Proc S Afr Sugar Cane Tech Ass* 56: 122-124 .
EcoReference No.: 32222
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
145. Duchesne, L. C., Lautenschlager, R. A., and Bell, F. W. (1999). Effects of Clear-Cutting and Plant Competition Control Methods on Carabid (Coleoptera: Carabidae) Assemblages in Northwestern Ontario. *Environ.Monit.Assess.* 56: 87-96.
EcoReference No.: 97441
Chemical of Concern: TPR,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
146. Duke, S. O., Hoagland, R. E., and Elmore, C. D. (1979). Effects of Glyphosate on Metabolism of Phenolic Compounds: IV. Phenylalanine Ammonia-Lyase Activity, Free Amino Acids, and Soluble Hydroxyphenolic Compounds in Axes of Light-Grown Soybeans. *Physiol.Plant.* 46: 306-317.
EcoReference No.: 43793
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(GYP).
147. Eberbach, P. L. and Bowmer, K. H. (1995). Conversion of 14C-Glyphosate to Carbon Dioxide by Alligator Weed. *J.Aquat.Plant Manag.* 33: 27-29.
EcoReference No.: 60789
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(GYP).
148. Eberbach, P. L. and Douglas, L. A. (1989). Herbicide Effects on the Growth and Nodulation Potential of Rhizobium trifolii with Trifolium subterraneum L. *Plant Soil* 119: 15-23.
EcoReference No.: 97086
Chemical of Concern: ATZ,AMTL,24D,CSF,DFPM,GYP,PAQT,TFN; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(ATZ,24D,GYP).
149. Edginton, A. N., Sheridan, P. M., Boermans, H. J., Thompson, D. G., Holt, J. D., and Stephenson, G. R. (2004). A Comparison of Two Factorial Designs, a Complete 3X3 Factorial and a Central Composite Rotatable Design, for Use in Binomial Response Experiments in Aquatic Toxicology. *Arch.Environ.Contam.Toxicol.* 46: 216-223.
EcoReference No.: 73637
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI).

150. Edginton, A. N., Sheridan, P. M., Stephenson, G. R., Thompson, D. G., and Boermans, H. J. (2004). Comparative Effects of pH and Vision Herbicide on Two Life Stages of Four Anuran Amphibian Species. *Environ.Toxicol.Chem.* 23: 815-822 .
EcoReference No.: 72795
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(GYP).
151. Eijssackers, H. (1991). Litter Fragmentation by Isopods as Affected by Herbicide Application. *Neth.J.Zool.* 41: 277-303.
EcoReference No.: 48928
Chemical of Concern: AMTL,GYPI; Habitat: T; Effect Codes: PHY,BEH,MOR; Rejection Code: LITE EVAL CODED(GYPI).
152. El-Gendy, K. S., Aly, N. M., and El-Sebae, A. H. (1998). Effects of Edifenphos and Glyphosate on the Immune Response and Protein Biosynthesis of Bolti Fish (*Tilapia nilotica*). *J.Environ.Sci.Health Part B* 33: 135-149.
EcoReference No.: 59833
Chemical of Concern: GYP; Habitat: A; Effect Codes: CEL,BCM,PHY; Rejection Code: LITE EVAL CODED(GYP).
153. Ellis, J. M. (2001). Glyphosate- and Glufosinate-Resistant Technologies: Weed Management and Off-Target Crop Response. *Ph.D.Thesis, Louisiana State Univ.and Agric.and Mechanical College., LA* 127 p.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
154. Ellis, J. M. and Griffin, J. L. (2003). Glyphosate and Broadleaf Herbicide Mixtures for Soybean (*Glycine max*). *Weed Technol.* 17: 21-27.
Chemical of Concern: GYP,FSF; Habitat: T; Rejection Code: TARGET(FSF,GYP).
155. Ellis, J. M. and Griffin, J. L. (2002). Soybean (*Glycine max*) and Cotton (*Gossypium hirsutum*) Response to Simulated Drift of Glyphosate and Glufosinate. *Weed Technol.* 16: 580-586.
EcoReference No.: 69443
Chemical of Concern: GYP,GFS; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
156. Ellis, J. M., Griffin, J. L., and Jones, C. A. (2002). Effect of Carrier Volume on Corn (*Zea mays*) and Soybean (*Glycine max*) Response to Simulated Drift of Glyphosate and Glufosinate. *Weed Technol.* 16: 587-592.
EcoReference No.: 69442
Chemical of Concern: GYP,GFS; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(GYP).
157. Ellis, J. M., Griffin, J. L., Linscombe, S. D., and Webster, E. P. (2000). Crop Response to Simulated Drift of Roundup Ultra and Liberty Herbicides. *La.Agric.* 43: 18-19.
EcoReference No.: 68623
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
158. Elmore, C. D., Heatherly, L. G., and Wesley, R. A. (1995). Weed Control in No-Till Doublecrop Soybean (*Glycine max*) Following Winter Wheat (*Triticum aestivum*) on a Clay Soil. *Weed Technol.*

- 9: 306-315.
- EcoReference No.: 73741
Chemical of Concern: MTL,MBZ,DMM,BT,ACF,FZF,GYP,LCF; Habitat: T; Effect Codes: POP;
Rejection Code: NO MIXTURE(MTL,TARGET-MTL),TARGET(LCF,GYP).
159. Eschholz, W. E., Servello, F. A., Griffith, B., Raymond, K. S., and Krohn, W. B. (1996). Winter Use of Glyphosate-Treated Clearcuts by Moose in Maine. *J.Wildl.Manag.* 60: 764-769.

EcoReference No.: 96939
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH,POP; Rejection Code: TARGET(GYP).
160. Escorial, M. C., Sixto, H., Garcia-Baudin, J. M., and Chueca, M. C. (2001). A Rapid Method to Determine Cereal Plant Response to Glyphosate. *Weed Technol.* 15: 697-702.

EcoReference No.: 66823
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
161. Estok, D., Freedman, B., and Boyle, D. (1989). Effects of the Herbicides 2,4-D, Glyphosate, Hexazinone, and Triclopyr on the Growth of Three Species of Ectomycorrhizal Fungi. *Bull.Environ.Contam.Toxicol.* 42: 835-839.

EcoReference No.: 93391
Chemical of Concern: GYP,24D,HXZ,TPR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(24D,GYP,HXZ).
162. Evans, D. D. and Batty, M. J. (1986). Effects of High Dietary Concentrations of Glyphosate (Roundup) on a Species of Bird, Marsupial and Rodent Indigenous to Australia. *Environ.Toxicol.Chem.* 5: 399-401.

EcoReference No.: 40017
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(GYPI).
163. Everett, K. D. E. and Dickerson, H. W. (2003). Ichthyophthirius multifiliis and Tetrahymena thermophila Tolerate Glyphosate but not a Commercial Herbicidal Formulation. *Bull.Environ.Contam.Toxicol.* 70: 731-738.

EcoReference No.: 71860
Chemical of Concern: GYPI,GYP; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(GYP,GYPI).
164. Fairchild, J. F., Allert, A. L., Riddle, J. S., and Gladwin, D. R. (2002). Efficacy of Glyphosate and Five Surfactants for Controlling Giant Salvinia. *J.Aquat.Plant Manag.* 40: 53-58.

EcoReference No.: 68845
Chemical of Concern: GYPI; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYPI).
165. 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,LNR,GYP).
166. Feisthauer, N. C. (1999). Phytotoxicity, Absorption and Translocation of Triclopyr and Glyphosate,

- and Metabolism of Triclopyr in Purple Loosestrife (*Lythrum salicaria* L.) as Influenced by Flooding. *M.S.Thesis, Univ.of Guelph, Canada* 93 p.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
167. Feller, M. C. (1989). Effects of Forest Herbicide Applications on Streamwater Chemistry in Southwestern British Columbia. *Water Res.Bull.* 25: 607-616 .
EcoReference No.: 97053
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
168. Feng, P. C. C., Chiu, T., and Sammons, R. D. (2003). Glyphosate Efficacy is Contributed by Its Tissue Concentration and Sensitivity in Velvetleaf (*Abutilon theophrasti*). *Pestic.Biochem.Physiol.* 77: 83-91.
EcoReference No.: 72611
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,PHY,ACC; Rejection Code: TARGET(GYP).
169. Feng, P. C. C., Chiu, T., Sammons, R. D., and Ryerse, J. S. (2003). Droplet Size Affects Glyphosate Retention, Absorption, and Translocation in Corn. *Weed Sci.* 51: 443-448.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
170. Feng, P. C. C., Pratley, J. E., and Bohn, J. A. (1999). Resistance to Glyphosate in *Lolium rigidum*. II. Uptake, Translocation, and Metabolism. *Weed Sci.* 47: 412-415.
EcoReference No.: 66131
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
171. Feng, P. C. C., Ryerse, J. S., and Sammons, R. D. (1998). Correlation of Leaf Damage with Uptake and Translocation of Glyphosate in Velvetleaf (*Abutilon theophrasti*). *Weed Technol.* 12: 300-307.
EcoReference No.: 66141
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
172. Feng, P. C. C., Sandbrink, J. J., and Sammons, R. D. (2000). Retention, Uptake, and Translocation of 14C-Glyphosate from Track-Spray Applications and Correlation to Rainfastness in Velvetleaf (*Abutilon theophrasti*). *Weed Technol.* 14: 127-132.
EcoReference No.: 66132
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
173. Feng, P. C. C., Tran, M., Chiu, T., Sammons, R. D., Heck, G. R., and CaJacob, C. A. (2004). Investigations into Glyphosate-Resistant Horseweed (*Conyza canadensis*): Retention, Uptake, Translocation, and Metabolism. *Weed Sci.* 52: 498-505 .
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
174. Ferreira, J. F. S. and Reddy, K. N. (2000). Absorption and Translocation of Glyphosate in *Erythroxylum coca* and *E. novogranatense*. *Weed Sci.* 48: 193-199.
EcoReference No.: 59419
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
175. Ferrell, J. A. and Witt, W. W. (2002). Comparison of Glyphosate with Other Herbicides for Weed Control in Corn (*Zea mays*): Efficacy and Economics. *Weed Technol.* 16: 701-706.

- Chemical of Concern: ACO,GYP; Habitat: T; Rejection Code: TARGET (ACO,GYP).
176. Fischer, A. J., Ateh, C. M., Bayer, D. E., and Hill, J. E. (2000). Herbicide-Resistant *Echinochloa oryzoides* and *E. phyllopogon* in California *Oryza sativa* Fields. *Weed Sci.* 48: 225-230.
- EcoReference No.: 59421
Chemical of Concern: MLT,TBC,FNPE,BP,PPN,GYP,GFS,PDM,CMZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CMZ,FNPE,GYP).
177. Fischer, D. W. and Harvey, R. G. (2002). Yellow Nutsedge (*Cyperus esculentus*) and Annual Weed Control in Glyphosate-Resistant Field Corn (*Zea mays*). *Weed Technol.* 16: 482-487.
- Chemical of Concern: ACO,GYP; Habitat: T; Rejection Code: TARGET (ACO,GYP).
178. Fleming, W. J., Ailstock, M. S., and Momot, J. J. (1995). Net Photosynthesis and Respiration of Sago Pondweed (*Potamogeton pectinatus*) Exposed to Herbicides. In: *J.S.Hughes, G.R.Biddinger, and E.Mones (Eds.), Symp.Environmental Toxicology and Risk Assessment, Volume 3, ASTM STP 1218, Philadelphia, PA* 303-317.
- EcoReference No.: 70739
Chemical of Concern: ATZ,SZ,ACR,CZE,GYP,LNR,MTL,MBZ,24D,PAQT,ACF; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MTL,ATZ,SZ,LNR,24D,GYP).
179. Frank, J. R., Ryan, G. F., and Creager, R. A. (1984). Glyphosate Evaluation Under Benches in Ornamental Greenhouses. *Proc.Northeast.Weed Sci.Soc.* 38: 223-227.
- EcoReference No.: 31703
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
180. Franzen, D. W., O'Barr, J. H., and Zollinger, R. K. (2004). Influence of Certain Postemergence Broadleaf Herbicides on Soybean Stressed from Iron Deficiency Chlorosis. *Agron.J.* 96: 1357-1363.
- EcoReference No.: 82183
Chemical of Concern: GYP,BT,ACF,LCF,FSF,THF,IZT,IZX; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: TARGET(LCF,FSF,GYP).
181. Friesen, L. F., Nelson, A. G., and Van Acker, R. C. (2003). Evidence of Contamination of Pedigreed Canola (*Brassica Napus*) Seedlots in Western Canada with Genetically Engineered Herbicide Resistance Traits. *Agron.J.* 95: 1342-1347.
- EcoReference No.: 82076
Chemical of Concern: GYP,THF; Habitat: T; Effect Codes: MOR,PHY,REP; Rejection Code: TARGET(GYP).
182. Gabriel, U. U. and George, A. D. I. (2005). Plasma Enzymes in *Clarias gariepinus* Exposed to Chronic Levels of Roundup (Glyphosate). *Environ.Ecol.* 23: 271-276.
- EcoReference No.: 97133
Chemical of Concern: GYPI; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(GYPI).
183. Gagne, N., Belanger, L., and Huot, J. (1999). Comparative Responses of Small Mammals, Vegetation, and Food Sources to Natural Regeneration and Conifer Release Treatments in Boreal Balsam Fir Stands of Quebec. *Can.J.For.Res.* 29: 1128-1140.
- EcoReference No.: 97003
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,BEH; Rejection Code: LITE EVAL

- CODED(GYPI).
184. Galloway, B. A. and Weston, L. A. (1996). Influence of Cover Crop and Herbicide Treatment on Weed Control and Yield in No-Till Sweet Corn (*Zea mays* L.) and Pumpkin (*Cucurbita maxima* Duch.). *Weed Technol.* 10: 341-346.
EcoReference No.: 80069
Chemical of Concern: ACR,CZE,EFL,GYP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(GYP).
185. Gardner, S. C., Grue, C. E., Grassley, J. M., Lenz, L. A., Lindenauer, J. M., and Seeley, M. E. (1997). Single Species Algal (*Ankistrodesmus*) Toxicity Tests with Rodeo and Garlon 3A. *Bull. Environ. Contam. Toxicol.* 59: 492-499.
EcoReference No.: 18369
Chemical of Concern: TPR,GYP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
186. Gaskin, R. E. and Holloway, P. J. (1992). Some Physicochemical Factors Influencing Foliar Uptake Enhancement of Glyphosate-mono(Isopropylammonium) by Polyoxyethylene Surfactants. *Pestic. Sci.* 34: 195-206.
Chemical of Concern: ETO,GYP; Habitat: T; Rejection Code: TARGET(GYP).
187. Gettys, L. A. and Sutton, D. L. (2004). Comparison of Torpedograss and Pickerelweed Susceptibility to Glyphosate. *J. Aquat. Plant Manag.* 42: 1-4.
EcoReference No.: 96915
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
188. Ghosheh, H. Z. and Chandler, J. M. (1998). Johnsongrass (*Sorghum halepense*) Control Systems for Field Corn (*Zea mays*) Utilizing Crop Rotation and Herbicides. *Weed Technol.* 12: 623-630.
EcoReference No.: 73939
Chemical of Concern: MTL,EPTC,NSF,GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MTL),TARGET(MTL,GYP,EPTC).
189. Gibb, T. J. and Buhler, W. G. (1998). Infectivity of *Steinernema carpocapsae* (Rhabditida: Steinernematidae) in Sterilized and Herbicide-Treated Soil. *J. Entomol. Sci.* 33: 152-157.
EcoReference No.: 96912
Chemical of Concern: MB,GYPI; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(GYPI).
190. Gilreath, J. P., Chase, C. A., and Locascio, S. J. (2000). Influence of Sublethal Glyphosate Rates on Leaf Mineral Concentration of Tomato. *Hortscience* 35: 1078-1082.
EcoReference No.: 66603
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(GYP).
191. Gilreath, J. P., Chase, C. A., and Locascio, S. J. (2000). Phytotoxic Effects of Glyphosate on Pepper (*Capsicum annuum*). *Weed Technol.* 14: 488-494 .
EcoReference No.: 59437
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code:

- TARGET(GYP).
192. Gilreath, J. P. and Santos, B. M. (2004). Bioassays on Glyphosate Residue Toxicity and Photodegradation on Polyethylene Mulch. *Annu.Proc.Soil Crop Sci.Soc.Fla.* 63: 21-24.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
193. Gimenez, A. E., York, A. C., Wilcut, J. W., and Batts, R. B. (1998). Annual Grass Control by Glyphosate plus Bentazon, Chlormuron, Fomesafen, or Imazethapyr Mixtures. *Weed Technol.* 12: 134-136.
Chemical of Concern: FSF, GYP; Habitat: T; Rejection Code: TARGET(FSF, GYP).
194. Goldsborough, L. G. and Brown, D. J. (1988). Effect of Glyphosate (Roundup Formulation) on Periphytic Algal Photosynthesis. *Bull.Environ.Contam.Toxicol.* 41: 253-260.
EcoReference No.: 12938
Chemical of Concern: GYP; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(GYP).
195. Gonzalez-Gutierrez, J., Osuna, M. D., and De Prado, R. (2000). Behaviour of Glyphosate in Conium maculatum Control. *Meded.Fac.LandbouwkdToegep.Biol.Wet.Univ.Gent* 65: 157-160.
EcoReference No.: 68660
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC, GRO, POP; Rejection Code: TARGET(GYP).
196. Gonzini, L. C., Hart, S. E., and Wax, L. M. (1999). Herbicide Combinations for Weed Management in Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 13: 354-360.
EcoReference No.: 72888
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
197. Goodale, T., Hathaway, R. D., Ward, J. D., and Whitcomb, C. E. (1976). Controlling Common Bermudagrass (*Cynodon Dactylon*) with Hand-Applied Applications of the Herbicide Roundup. *Ok Aes R R* 741: 19.
EcoReference No.: 26498
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
198. Goodall, J. M., Denny, R. P., and Dicks, H. M. (1991). The Effects of Five Herbicides on *Pinus patula* Saplings when Applied "Over-the-Top" for Woody Weed Control. *S.Afr.For.J.* 157: 38-46.
EcoReference No.: 71763
Chemical of Concern: GYP, MSFM, TPR; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(GYP).
199. Gower, S. A., Loux, M. M., Cardina, J., and Harrison, S. K. (2002). Effect of Planting Date, Residual Herbicide, and Postemergence Application Timing on Weed Control and Grain Yield in Glyphosate-Tolerant Corn (*Zea mays*). *Weed Technol.* 16: 488-494.
Chemical of Concern: ACO, GYP; Habitat: T; Rejection Code: TARGET (ACO, GYP).
200. Graham, G. L., Peng, G., Bailey, K. L., and Holm, F. A. (2006). Interactions of *Colletotrichum truncatum* with Herbicides for Control of Scentless Chamomile (*Matricaria perforata*). *Weed Technol.* 20: 877-884.

EcoReference No.: 97130
Chemical of Concern:
GFS,GYP,MBZ,BMN,BT,IPPA,DMDP,MCPA,I,DMB,CPR,TN,IZT,FSM,SXD; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL
CODED(GFS,GYP),OK(IPPA,DMDP,DMB,FSM,SXD).

201. Grey, T. L. and Raymer, P. (2002). Sicklepod (*Senna obtusifolia*) and Red Morningglory (*Ipomoea coccinea*) Control in Glyphosate-Resistant Soybean with Narrow Rows and Postemergence Herbicide Mixtures. *Weed Technol.* 16: 669-674.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
202. Grichar, W. J. (2006). Using Soil-Applied Herbicides in Glyphosate-Resistant Soybeans Along the Texas Gulf Coast. *Weed Technol.* 20: 633-639.
Chemical of Concern: MTL,GYP; Habitat: T; Rejection Code: TARGET(GYP,MTL).
203. Grichar, W. J. and Minton, B. W. (2006). Supplementary Weed Control Using Soil-Applied Herbicides in Glyphosate-Resistant Maize in Texas. *Crop Prot.* 25: 1071-1074.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
204. Grisolia, C. K. (2002). A Comparison Between Mouse and Fish Micronucleus Test Using Cyclophosphamide, Mitomycin C and Various Pesticides. *Mutat.Res.* 518: 145-150.
EcoReference No.: 74478
Chemical of Concern: DCF,DM,IZP,THM,GYPI; Habitat: AT; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(GYPI,IZP),OK(THM).
205. Grossbard, E. and Harris, D. (1977). Selective Action of 'Gramoxone W' and 'Roundup' on *Chaetomium globosum* in Relation to Straw Decay. *Trans.Br.Mycol.Soc.* 69: 141-146.
EcoReference No.: 49714
Chemical of Concern: PQT,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
206. 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:
ASM,CAP,PHMD,GFSNH,ACFNa,AZT,PMT,MBZ,BT,DU,PPN,PAQT,PHMD,MCPA,24D,ACR,S
XD,DFPM,DBN,GYP,IZT,IMQ,CSF,UREA,NP,OXF; Habitat: AT; Effect Codes: GRO,POP;
Rejection Code: LITE EVAL CODED(ATZ,DU,GYP,GFSNH),OK(PPN,24D,SXD,PHMD).
207. Haag, K. H. (1986). Effects of Herbicide Application on Mortality and Dispersive Behavior of the Water Hyacinth Weevils, *Neochetina eichhorniae* and *Neochetina bruchi* (Coleoptera: Curculionidae). *Environ.Entomol.* 15: 1192-1198.
EcoReference No.: 14709
Chemical of Concern: LIM,GYPI,24D; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(GYPI),OK(24D).
208. Habeshaw, D. and Richards, M. C. (1985). A Differential Response of Fine Leaved Fescues to Glyphosate, Lime and Manurial Treatments. *Tests Ag Cu* 6: 134-135.
EcoReference No.: 31243

- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
209. Hacault, K. M. and Van Acker, R. C. (2006). Emergence Timing and Control of Dandelion (*Taraxacum officinale*) in Spring Wheat. *Weed Sci.* 54: 172-181 .
EcoReference No.: 92301
Chemical of Concern: GYP,FSM,TN; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO MIXTURE(FSM),TARGET(GYP).
210. Hall, F. R., Downer, R. A., Wolf, T. M., and Chapple, A. C. (1996). The "Double Nozzle" - A New Way of Reducing Drift and Improving Dose-Transfer? In: *M.J.Hopkinson,H.M.Collins and G.R.Goss (Ed.), Pesticide Formulations and Applications Systems, 16th Symp.on Pesticide Formulations and Application Systems, Nov.14-15, 1995, Norfolk,VA, American Society for Testing and Materials (astm) Philadelphia,PA* 16: 114-126.
EcoReference No.: 96881
Chemical of Concern: DCF,GYP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(GYP).
211. Hamill, A. S. and Zhang, J. (1995). Quackgrass Control with Glyphosate and SC-0024 in Corn and Soybean. *Can.J.Plant Sci.* 75: 293-299.
EcoReference No.: 66849
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
212. 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: TARGET(MCPB,ATZ,24DXY,GYP),NO MIXTURE(PCL,BMN).
213. Harikrishnan, R. and Yang, X. B. (2002). Effects of Herbicides on Root Rot and Damping-Off Caused by *Rhizoctonia solani* in Glyphosate-Tolerant Soybean. *Plant Dis.* 86: 1369-1373.
EcoReference No.: 97138
Chemical of Concern: PDM,GYPI,IZT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
214. Harker, K. N., Clayton, G. W, Blackshaw, R. E, O'Donovan, J. T., Lupwayi, N. Z., Johnson, E. N., Gan, Y., Zentner, R. P., Lafond, G. P., and Irvine, R. B (2005). Glyphosate-Resistant Spring Wheat Production System Effects on Weed Communities. *Weed Sci.* 53: 451-464.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
215. Harker, K. N. and Vanden Born, W. H. (1997). Glyphosate or Sethoxydim for Quackgrass (*Elytrigia repens*) Control in Two Tillage Regimes. *Weed Sci.* 45: 812-823.
EcoReference No.: 66704
Chemical of Concern: GYP,SXD; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(SXD,GYP).
216. Hart, S. E., Derr, J. F., Lycan, D. W., Rose-Fricker, C., and Meyer, W. A. (2005). Increased Glyphosate Tolerance in 'Aurora Gold' Hard Fescue (*Festuca longifolia*). *Weed Technol.* 19: 640-646.

- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
217. Hartzler, R. G. and Battles, B. A. (2001). Reduced Fitness of Velvetleaf (*Abutilon theophrasti*) Surviving Glyphosate. *Weed Technol.* 15: 492-496.
EcoReference No.: 67080
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
218. Hasan, H. A. H. (1999). Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity. *Microbiol.Res.* 154: 95-102.
EcoReference No.: 75785
Chemical of Concern: IPD,PFF,LNR,MLN,PIRM,DMT,GYP; Habitat: T; Effect Codes: POP,BCM;
Rejection Code: LITE EVAL CODED(MLN,DMT,LNR,GYP).
219. Hasegawa, R. and Ito, N. (1992). Liver Medium-Term Bioassay in Rats for Screening of Carcinogens and Modifying Factors in Hepatocarcinogenesis. *Food Chem.Toxicol.* 30: 979-992.
EcoReference No.: 75839
Chemical of Concern:
TDF,VCZ,NaPP,TFN,ILL,PL,GYP,PMR,DDT,DM,DCNA,CYP,DMZ,ACR,AND,ATZ,MLN,PAH;
Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL
CODED(MLN,ATZ,GYP,PMR),OK(ALL CHEMS).
220. Haughton, A. J., Bell, J. R., Boatman, N. D., and Wilcox, A. (2001). The Effect of the Herbicide Glyphosate on Non-Target Spiders: Part II. Indirect Effects on *Leptophantes tenuis* in Field Margins. *Pest Manag.Sci.* 57: 1037-1042.
EcoReference No.: 67167
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL
CODED(GYPI).
221. Haughton, A. J., Bell, J. R., Boatman, N. D., and Wilcox, A. (1999). The Effects of Different Rates of the Herbicide Glyphosate on Spiders in Arable Field Margins. *J.Arachnol.* 27: 249-254.
EcoReference No.: 97117
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL
CODED(GYP).
222. Haughton, A. J., Bell, J. R., Wilcox, A., and Boatman, N. D. (2001). The Effect of the Herbicide Glyphosate on Non-Target Spiders: Part I. Direct Effects on *Leptophantes tenuis* Under Laboratory Conditions. *Pest Manag.Sci.* 57: 1033-1036.
EcoReference No.: 62884
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(GYPI).
223. Haywood, J. D., Goelz, J. C., Sword Sayer, M. A., and Tiarks, A. E. (2003). Influence of Fertilization, Weed Control, and Pine Litter on Loblolly Pine Growth and Productivity and Understory Plant Development Through 12 Growing Seasons. *Can.J.For.Res.* 33: 1974-1982.
EcoReference No.: 82128
Chemical of Concern: HXZ,SMU,GYP; Habitat: T; Effect Codes: GRO; Rejection Code:
TARGET(SMU,HXZ,GYP).
224. Heatherly, L. G., Reddy, K. N., and Spurlock, S. R. (2005). Weed Management in Glyphosate-Resistant and Non-Glyphosate-Resistant Soybean Grown Continuously and in Rotation. *Agron.J.* 97:

- 568-577.
- EcoReference No.: 82176
Chemical of Concern: GYP,IMQ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
225. Heinonen-Tanski, H., Siltanen, H., Kilpi, S., Simojoki, P., Rosenberg, C., and Makinen, S. (1986). The Effect of the Annual Use of Some Pesticides on Soil Microorganisms, Pesticide Residues in Soil and Carrot Yields. *Pestic.Sci.* 17: 135-142.

EcoReference No.: 75350
Chemical of Concern: DMT,LNR,GYP,THM; Habitat: T; Effect Codes: POP,GRO; Rejection Code: OK(THM),NO CROP(DMT),TARGET(LNR,GYP).
226. Hendrix, P. F. and Parmelee, R. W. (1985). Decomposition, Nutrient Loss and Microarthropod Densities in Herbicide-Treated Grass Litter in a Georgia Piedmont Agroecosystem. *Soil Biol.Biochem.* 17: 421-428.

EcoReference No.: 96458
Chemical of Concern: ATZ,GYP,PAQT; Habitat: T; Effect Codes: GRO,BCM,POP; Rejection Code: LITE EVAL CODED(GYP),OK(ATZ).
227. Henne, D. C., Lindgren, C. J., Gabor, T. S., Murkin, H. R., and Roughley, R. E. (2005). An Integrated Management Strategy for the Control of Purple Loosestrife *Lythrum salicaria* L. (Lythraceae) in the Netley-Libau Marsh, Southern Manitoba. *Biol.Control* 32: 319-325.

EcoReference No.: 97519
Chemical of Concern: TPR,GYP; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: TARGET(GYP).
228. Hennigh, D. S., Al-Khatib, K., Stahlman, P. W., and Shoup, D. E. (2005). Prairie Cupgrass (*Eriochloa contracta*) and Windmillgrass (*Chloris verticillata*) Response to Glyphosate and Acetyl-CoA Carboxylase-Inhibiting Herbicides. *Weed Sci.* 53: 315-322.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
229. Henriksen, B. and Elen, O. (2005). Natural Fusarium Grain Infection Level in Wheat, Barley and Oat After Early Application of Fungicides and Herbicides. *J.Phytopathol.* 153: 214-220.

EcoReference No.: 97167
Chemical of Concern: TFX,CPZ,SPX,CYD,AZX,PCZ,TNM,MCPAD,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI),MIXTURE(PCZ).
230. Henry, C. J. (1992). Effects of Rodeo Herbicide on Aquatic Invertebrates and Fathead Minnows. *M.S.Thesis, South Dakota State University, SD*: 63 p.

EcoReference No.: 8784
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(GYP).
231. Henry, C. J., Higgins, K. F., and Buhl, K. J. (1994). Acute Toxicity and Hazard Assessment of Rodeo, X-77 Spreader, and Chem-Trol to Aquatic Invertebrates. *Arch.Environ.Contam.Toxicol.* 27: 392-399.

EcoReference No.: 13683
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP).
232. Henry, W. B., Shaner, D. L., and West, M. S. (2007). Shikimate Accumulation in Sunflower, Wheat,

- and Proso Millet After Glyphosate Application. *Weed Sci.* 55: 1-5.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET (GYP).
233. Hessen, D. O., Kallqvist, T., Abdel-Hamid, M. I., and Berge, D. (1994). Effects of Pesticides on Different Zooplankton Taxa in Mesocosm Experiments. *Norw.J.Agric.Sci.Suppl.* 13: 153-161.
EcoReference No.: 16005
Chemical of Concern: DMT,GYP,PCZ,CSF; Habitat: A; Effect Codes: POP,MOR,SYS; Rejection Code: LITE EVAL CODED(GYP,DMT,PCZ).
234. Hetherington, P. R., Reynolds, T. L., Marshall, G., and Kirkwood, R. C. (1999). The Absorption, Translocation and Distribution of the Herbicide Glyphosate in Maize Expressing the CP-4 Transgene. *J.Exp.Bot.* 50: 1567-1576.
EcoReference No.: 64593
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,GRO,MOR; Rejection Code: TARGET(GYP).
235. Hietanen, E., Linnainmaa, K., and Vainio, H. (1983). Effects of Phenoxyherbicides and Glyphosate on the Hepatic and Intestinal Biotransformation Activities in the Rat. *Acta Pharmacol.Toxicol.* 53: 103-112.
EcoReference No.: 72915
Chemical of Concern: DMDP,GYPI,MCPAI; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(DMDP,GYPI).
236. Hildebrand, L. D., Sullivan, D. S., and Sullivan, T. P. (1982). Experimental Studies of Rainbow Trout Populations Exposed to Field Applications of Roundup Herbicide. *Arch.Environ.Contam.Toxicol.* 11: 93-98.
EcoReference No.: 10471
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(GYP).
237. Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *U.S.Fish Wildl.Serv., Fish Wildl.Tech.Rep.No.2* 147 p.
EcoReference No.: 50181
Chemical of Concern:
GYP,PSM,PRT,ADC,PMR,PRN,PAQT,ACP,Naled,MLN,HCCCH,HPT,FNF,EN,ES,TMP,MTAS,MTM,MOM,AND,ATZ,BMY,DCTP,CBL,Captan,CPY,TBO,DZ,DLD,DU,FNTH,AZ,SZ,CPYM;
Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(PRT,GYP,ADC,ACP,MLN,MTAS,MTM,MOM,CBL,Captan,DZ,SZ,ATZ,MP,Naled,CPY,MLT,CBF,CPYM,PSM).
238. 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,GYP).
239. Hoagland, R. E. and Duke, S. D. (1982). Effects of Glyphosate on Metabolism of Phenolic Compounds: 8. Comparison of the Effects of Aminoxyacetate and Glyphosate. *Plant Cel P* 23: 1081-1088.

- EcoReference No.: 25750
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
240. Hoagland, R. E., Duke, S. O., and Elmore, C. D. (1979). Effect of Glyphosate on Metabolism of Phenolic Compounds: III. Phenylalanine Ammonia-Lyase Activity, Free Amino Acids, Soluble Protein and Hydroxyphenolic Compounds in Axes of Dark-Grown Soybeans. *Physiol.Plant.* 46: 357-366.
- EcoReference No.: 43800
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(GYP).
241. 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,BM
N,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes:
MOR,GRO; Rejection Code: LITE EVAL
CODED(GYP,PSM,24DXY,Naled,MLN,CBL,ACP,PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),NO
MIXTURE(BMN,MCPA).
242. Holck, A. R. and Meek, C. L. (1987). Dose-Mortality Responses of Crawfish and Mosquitoes to Selected Pesticides. *J.Am.Mosq.Control Assoc.* 3: 407-411.
- EcoReference No.: 12810
Chemical of Concern: RSM,GYP,MLN,TBC,PPX,BDC; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP,RSM),NO CONTROL(MLN).
243. Honegger, J. L., Brooks, J. M., Anderson, E. J., and Porter, C. A. (1986). Glyphosate Transport in Plants. In: *J.Conshaw, W.J.Lucas, and R.T.Giaquinta (Eds.), Phloem Transport, Chapter 80, Alan R.Liss Inc., NY* 609-618.
- EcoReference No.: 73080
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
244. Hoss, N. E., Al-Khatib, K., Peterson, D. E., and Loughin, T. M. (2003). Efficacy of Glyphosate, Glufosinate, and Imazethapyr on Selected Weed Species. *Weed Sci.* 51: 110-117.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
245. Houston, A. P. C., Visser, S., and Lautenschlager, R. A. (1998). Response of Microbial Processes and Fungal Community Structure to Vegetation Management in Mixedwood Forest Soils. *Can.J.Bot.* 76: 2002-2010.
- EcoReference No.: 97115
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL
CODED(GYP).
246. Howatt, K. A., Endres, G. J., Hendrickson, P. E., Aberle, E. Z., Lukach, J. R., Jenks, B. M., Riveland, N. R., Valenti, S. A., and Rystedt, C. M. (2006). Evaluation of Glyphosate-Resistant Hard Red Spring Wheat (*Triticum aestivum*). *Weed Technol.* 20: 706-716.

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

247. Howe, C. M., Berrill, M., Pauli, B. D., Helbing, C. C., Werry, K., and Veldhoen, N. (2004). Toxicity of Glyphosate-Based Pesticides to Four North American Frog Species. *Environ.Toxicol.Chem.* 23: 1928-1938.
EcoReference No.: 96918
Chemical of Concern: GYPI,GYPNH; Habitat: T; Effect Codes: CEL,MOR,GRO,PHY,POP; Rejection Code: LITE EVAL CODED(GYPI,GYPNH).
248. Huang, X., Fong, S., Deanovic, L., and Young, T. M. (2005). Toxicity of Herbicides in Highway Runoff. *Environ.Toxicol.Chem.* 24: 2336-2340.
EcoReference No.: 94271
Chemical of Concern: GYP,OYZ,CPR,DU; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(GYP),OK(DU),NO MIXTURE(OYZ).
249. Ismael, F. K. and Cussans, G. W. (1985). Time of Rainfall and Surfactant Effects on Glyphosate Activity Against Elymus Repens Gould. *Asp App Biol* 9: 159-166.
EcoReference No.: 31412
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
250. Ivany, J. A. (2004). Comparison of Glyphosate Formulations with and Without Sequential Herbicides for No-Till Soybean in Narrow Rows. *Phytoprotection* 85: 95-100.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
251. Ivany, J. A. (2004). Comparison of Weed Control Strategies in Glyphosate-Resistant Soybean [Glycine max (L.) Merr.] in Atlantic Canada. *Can.J.Plant Sci.* 84: 1199-1204.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
252. Jackson, N. E. (1986). Control of Brush and Chaparral Species with Glyphosate. *P Ca Wd C* 38: 221-223.
EcoReference No.: 31074
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
253. Jackson, R. E. and Pitre, H. N. (2004). Influence of Roundup Ready Soybean and Roundup Ultra Herbicide on Geocoris punctipes (Say) (Heteroptera: Lygaeidae) in the Laboratory. *J.Entomol.Sci.* 39: 56-61.
EcoReference No.: 96914
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(GYPI).
254. Jackson, R. E. and Pitre, H. N. (2004). Influence of Roundup Ready Soybean Production Systems and Glyphosate Application on Pest and Beneficial Insects in Narrow-Row Soybean. *J.Entomol.Sci.* 39: 62-70.
EcoReference No.: 96913
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
255. Jacobsohn, R. and Kelman, Y. (1980). Effectiveness of Glyphosate in Broomrape (*Orobanche* spp.) Control in Four Crops. *Weed Sci.* 28: 692-698.
EcoReference No.: 64657

- Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
256. Jain, R. (1987). Physiological Aspects of Broomrape (*Orobanche* spp.) Parasitism, Host Specificity and Selective Control by Glyphosate. *Ph.D.Thesis, Virginia Polytechnic Inst.and State Univ.*, VA 144 p.
EcoReference No.: 96930
Chemical of Concern: 24D,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP,24D),NO COC(SAMA).
257. Jeffery, S. and Burgess, L. W. (1990). Growth of *Fusarium graminearum* Schwabe Group 1 on Media Amended with Atrazine, Chlorsulfuron or Glyphosate in Relation to Temperature and Osmotic Potential. *Soil Biol.Biochem.* 22: 665-670.
EcoReference No.: 96867
Chemical of Concern: GYPI,CSF,ATZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI,ATZ).
258. Jess, S. and Mowat, D. J. (1986). Transmission of Barley Yellow Dwarf Virus by Larvae of Frit Fly, *Oscinella frit* (L.) and the Effects of Sward-Killing Herbicides on Transmission. *Rec.Agric.Res.* 34: 57-60.
EcoReference No.: 96997
Chemical of Concern: GYP,PAQT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
259. Jiang, W., Garrett, K. A., Peterson, D. E., Harvey, T. L. , Bowden, R. L., and Fang, L. (2005). The Window of Risk for Emigration of Wheat Streak Mosaic Virus Varies with Host Eradication Method. *Plant Dis.* 89: 853-858.
EcoReference No.: 97330
Chemical of Concern: GYPI,PAQT; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
260. Jiraungkoorskul, W., Sahaphong, S., Upatham, E. S., Kruatrachue, M., Pokethitiyook, P., Vichasri-Grams, S., and Riengrojpitak, S. (2003). Biochemical and Ultrastructural Alterations in Nile Tilapia (*Oreochromis niloticus*) Induced by Glyphosate Herbicide. *Proc.11th Int.Symp.of the World Assoc.of Vet.Lab.Diagn.and OIE Semin.on Biotechnol., Nov.9-13, 2003, Bangkok, Thailand* 40-41.
EcoReference No.: 96937
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,BEH,GRO,CEL; Rejection Code: LITE EVAL CODED(GYP).
261. Jiraungkoorskul, W., Upatham, E. S., Kruatrachue, M., Sahaphong, S., Vichasri-Grams, S., and Pokethitiyook, P. (2003). Biochemical and Histopathological Effects of Glyphosate Herbicide on Nile tilapia (*Oreochromis niloticus*). *Environ.Toxicol.* 18: 260-267.
EcoReference No.: 96917
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR,BCM,CEL; Rejection Code: LITE EVAL CODED(GYPI).
262. Jobidon, R. (1998). Comparative Efficacy of Biological and Chemical Control of the Vegetative Reproduction in *Betula papyrifera* and *Prunus pensylvanica*. *Biol.Control* 11: 22-28.
EcoReference No.: 97095
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).

263. Johnson, B. F., Bailey, W. A., Wilson, H. P., Holshouser, D. L., Herbert, D. A. Jr., and Hines, T. E. (2002). Herbicide Effects on Visible Injury, Leaf Area, and Yield of Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 16: 554-566.
Chemical of Concern: FSF, GYP; Habitat: T; Rejection Code: TARGET(FSF, GYP).
264. Johnson, B. J. (1979). Phytotoxicity of Glyphosate Treatments to Bermudagrass Turf. *Ga. Agric. Res.* 21: 8-9.
EcoReference No.: 26174
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR, POP; Rejection Code: TARGET(GYP).
265. Johnson, E. N., Kirkland, K. J., and Stevenson, F. C. (2002). Timing of Pre-seeding Glyphosate Application in Direct Seeding Systems. *Can.J. Plant Sci.* 82: 611-615.
EcoReference No.: 70946
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO, POP; Rejection Code: TARGET(GYP).
266. Johnson, G. and Leopold, D. J. (1998). Habitat Management for the Eastern Massasauga in a Central New York Peatland. *J. Wildl. Manag.* 62: 84-97.
EcoReference No.: 96879
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP, MOR; Rejection Code: TARGET(GYP).
267. 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, ATZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(ATZ, GYP).
268. Johnson, W. G., Bradley, P. R., Hart, S. E., Buesinger, M. L., and Massey, R. E. (2000). Efficacy and Economics of Weed Management in Glyphosate-Resistant Corn (*Zea mays*). *Weed Technol.* 14: 57-65.
EcoReference No.: 59498
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
269. 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-MTL), TARGET(DMB, ATZ, GYP).
270. Johnson, W. G., Dilbeck, J. S., DeFelice, M. S., and Kendig, J. A. (1998). Weed Control with Reduced Rates of Chlorimuron plus Metribuzin and Imazethapyr in No-Till Narrow-Row Soybean (*Glycine max*). *Weed Technol.* 12: 32-36.
EcoReference No.: 70988
Chemical of Concern: GYP, MBZ, DMM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
271. Jordan, D. L., York, A. C., Griffin, J. L., Clay, P. A., Vidrine, P. R., and Reynolds, D. B. (1997).

- Influence of Application Variables on Efficacy of Glyphosate. *Weed Technol.* 11: 354-362.
EcoReference No.: 72877
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
272. Jordan, T. N. and Bridge, R. R. (1979). Tolerance of Cotton to the Herbicide Glyphosate. *Agron.J.* 71: 927-928.
EcoReference No.: 44015
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: TARGET(GYP).
273. Kale, P. G., Petty, B. T. Jr., Walker, S., Ford, J. B., Dehkordi, N., Tarasia, S., Tasie, B. O., Kale, R., and Sohni, Y. R. (1995). Mutagenicity Testing of Nine Herbicides and Pesticides Currently Used in Agriculture. *Environ.Mol.Mutagen.* 25: 148-153.
EcoReference No.: 40147
Chemical of Concern: 24DXY,PMR,TFN,GYPI,PRO; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(PRO,24DXY,GYPI),TARGET(PMR).
274. Karlsson, A. (1996). Initial Seedling Emergence of Hairy Birch and Silver Birch on Abandoned Fields Following Different Site Preparation Regimes. *New For.* 11: 93-123.
EcoReference No.: 76618
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
275. Kassaby, F. Y. (1985). Interaction of Four Herbicides with Phytophthora cinnamomi. *Aust.Plant Pathol.* 14: 21-22.
EcoReference No.: 70482
Chemical of Concern: PPZ,GYPI,CTHM,SZ; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: LITE EVAL CODED(PPZ,GYPI).
276. Kassaby, F. Y. and Hepworth, G. (1987). Phytophthora cinnamomi: Effects of Herbicides on Radial Growth, Sporangial Production, Inoculum Potential and Root Disease in *Pinus radiata*. *Soil Biol.Biochem.* 19: 437-441.
EcoReference No.: 70028
Chemical of Concern: CTHM,GYPI,PPZ,SZ; Habitat: T; Effect Codes: POP,PHY,REP; Rejection Code: LITE EVAL CODED(PPZ,GYPI).
277. Kawate, M. K., Colwell, S. G., Ogg, A. G. Jr., and Kraft, J. M. (1997). Effect of Glyphosate-Treated Henbit (*Lamium amplexicaule*) and Downy Brome (*Bromus tectorum*) on *Fusarium solani* f. sp. *pisi* and *Pythium ultimum*. *Weed Sci.* 45: 739-743.
EcoReference No.: 97118
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYP).
278. Kay, S. H. (1995). Efficacy of Wipe-on Applications of Glyphosate and Imazapyr on Common Reed in Aquatic Sites. *J.Aquat.Plant Manag.* 33: 25-26.
EcoReference No.: 97102
Chemical of Concern: IZP,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(IZP,GYP).
279. Keeley, P. E., Carter, C. H., and Thullen, R. J. (1985). Influence of Glyphosate on Resprouting of Parent Tubers of *Cyperus esculenatus*. *Weed Sci.* 34: 25-29.

- EcoReference No.: 31383
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(GYP).
280. Keeley, P. E., Thullen, R. J., Carter, C. H., and Miller, J. H. (1984). Control of Johnsongrass (*Sorghum halepense*) in Cotton (*Gossypium hirsutum*) with Glyphosate. *Weed Sci.* 32: 306-309.
EcoReference No.: 32136
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
281. Kennedy, E. R. (1986). The Impact of the Herbicides Glyphosate and 2,4-D on Moose Browse in Conifer Plantations in Northeastern Minnesota. *M.S.Thesis, Univ.of Minnesota, St.Paul, MN* 37 p.
EcoReference No.: 75932
Chemical of Concern: GYPI,24D; Habitat: T; Effect Codes: POP,MOR; Rejection Code: TARGET(24D,GYPI).
282. Khalko, S., Subhalaksmi, T., Jash, S., Bose, S., and Pan, S. (2006). Herbicidal Tolerance of *Trichoderma* spp - A Potential Biocontrol Agent of Soil Borne Plant Pathogens. *Indian J.Agric.Sci.* 76: 443-446.
EcoReference No.: 97550
Chemical of Concern: ACR,GYPI,BTC; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI).
283. Khan, S. U. and Marriage, P. B. (1979). Uptake of Glyphosate and N-Nitrosoglyphosate from Soil by Oat Plants. *J.Agric.Food Chem.* 27: 1398-1400.
EcoReference No.: 50937
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(GYP).
284. Kim, D. G. and Riggs, R. D. (1998). Effects of Some Pesticides on the Growth of ARF18 and Its Pathogenicity to *Heterodera glycines*. *J.Nematol.* 30: 201-205 .
EcoReference No.: 70527
Chemical of Concern:
FPP,KFAT,DZ,TPM,MYC,MZB,FML,DLN,CTN,PNB,SXD,CBL,DCNA,MLN,CHX,DCF,GYPI,PA QT,TFN,ADC; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DZ,DCNA,SXD,CBL,GYPI),OK(ALL CHEMS).
285. King, C. A., Purcell, L. C., and Vories, E. D. (2001). Plant Growth and Nitrogenase Activity of Glyphosate-Tolerant Soybean in Response to Foliar Glyphosate Applications. *Agron.J.* 93: 179-186.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
286. Kirkwood, R. C., Hetherington, R., Reynolds, T. L., and Marshall, G. (2000). Absorption, Localisation, Translocation and Activity of Glyphosate in Barnyardgrass (*Echinochloa crus-galli* (L) Beauv): Influence of Herbicide and Surfactant Concentration. *Pest Manag.Sci.* 56: 359-367.
EcoReference No.: 64747
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: TARGET(GYP).
287. 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: CSF,GYPI,ATZ; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: LITE EVAL CODED(ATZ,GYPI).
288. Klosterboer, A. D. (1973). Glyphosate and Msma for Control of Perennial Weeds in Texas Citrus Orchards. *J Rio Hor S* 27: 63-66.

EcoReference No.: 25110
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
289. Koger, C. H., Price, A. J., and Reddy, K. N. (2005). Weed Control and Cotton Response to Combinations of Glyphosate and Trifloxsulfuron. *Weed Technol.* 19: 113-121.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
290. Koger, C. H. and Reddy, K. N. (2005). Glyphosate Efficacy, Absorption, and Translocation in Pitted Morningglory (*Ipomoea lacunosa*). *Weed Sci.* 53: 277-283 .

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
291. Koger, C. H. and Reddy, K. N. (2005). Role of Absorption and Translocation in the Mechanism of Glyphosate Resistance in Horseweed (*Conyza canadensis*). *Weed Sci.* 53: 84-89.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
292. Koger, C. H., Shaner, D. L., Henry, W. B., Nadler-Hassar, T., Thomas, W. E., and Wilcut, J. W. (2005). Assessment of Two Nondestructive Assays for Detecting Glyphosate Resistance in Horseweed (*Conyza canadensis*). *Weed Sci.* 53: 438-445 .

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
293. Koger, C. H., Shaner, D. L., Krutz, L. J., Walker, T. W., Buehring, N., Henry, W. B., Thomas, W. E., and Wilcut, J. W. (2005). Rice (*Oryza sativa*) Response to Drift Rates of Glyphosate. *Pest Manag.Sci.* 61: 1161-1167.

EcoReference No.: 97101
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,GRO,POP,BCM; Rejection Code: TARGET(GYP).
294. Krausz, R. F. and Young, B. G. (2001). Response of Double-Crop Glyphosate-Resistant Soybean (*Glycine max*) to Broadleaf Herbicides. *Weed Technol.* 15: 300-305.

EcoReference No.: 66870
Chemical of Concern: GYP,PDM; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: TARGET(GYP).
295. Krausz, R. F. and Young, B. G. (2001). Response of Glyphosate-Resistant Soybean (*Glycine max*) to Trimethylsulfonium and Isopropylamine Salts of Glyphosate. *Weed Technol.* 15: 745-749.

EcoReference No.: 66871
Chemical of Concern: GYP; Habitat: T; Effect Codes: CEL,GRO; Rejection Code: TARGET(GYP).
296. Krausz, R. F., Young, B. G., Kapusta, G., and Matthews, J. L. (2001). Influence of Weed Competition and Herbicides on Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 15: 530-534.

- EcoReference No.: 66873
Chemical of Concern: ACR,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
297. Kreiter, S., Brian, F., Magnien, C., Sentenac, G., and Valentin, G. (1991). Spider Mites and Chemical Control of Weeds: Interactions. In: *F.Dusbabek and V.Bukva (Eds.), Modern Acarology Vol.II, VIII Int.Congr.of Acarol., Aug.6-11,1990, Ceske Budejovice, Czechoslovakia, SPB Acad.Publ., The Hague, Netherlands* 2: 725-736.
- EcoReference No.: 96868
Chemical of Concern: TBZ,PAQT,GYPI; Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: LITE EVAL CODED(GYPI).
298. Kremer, R. J., Means, N. E., and Kim, S. (2005). Glyphosate Affects Soybean Root Exudation and Rhizosphere Micro-Organisms. *Int.J.Environ.Anal.Chem.* 85: 1165-1174.
- EcoReference No.: 97143
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,GRO,BCM; Rejection Code: LITE EVAL CODED(GYPI).
299. Lajmanovich, R. C., Sandoval, M. T., and Peltzer, P. M. (2003). Induction of Mortality and Malformation in *Scinax nasicus* Tadpoles Exposed to Glyphosate Formulations. *Bull.Environ.Contam.Toxicol.* 70: 612-618.
- EcoReference No.: 71969
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(GYPI).
300. Lane, P. M. S. and Park, O. L. (1984). Gorse Control with Glyphosate. *Proc.N.Z.Weed Pest Control Conf.* 37: 194-196.
- EcoReference No.: 31554
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
301. Lanfranconi, L. E., Bellinder, R. R., and Wallace, R. W. (1993). Grain Rye Residues and Weed Control Strategies in Reduced Tillage Potatoes. *Weed Technol.* 7: 23-28.
- EcoReference No.: 73751
Chemical of Concern: MTL,GYP,LNR,MBZ,DMM; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(MTL,LNR,GYP).
302. Lanie, A. J., Griffin, J. L., Reynolds, D. B., and Vidrine, P. R. (1993). Influence of Residual Herbicides on Rate of Paraquat and Glyphosate in Stale Seedbed Soybean (*Glycine max*). *Weed Technol.* 7: 960-965.
- EcoReference No.: 74059
Chemical of Concern: MTL,PAQT,GYP,CRM,IMQ,MBZ,DMM; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE,TARGET(MTL),TARGET(GYP).
303. Lasut, M. T. and Angmalisang, A. P. (1998). The Effect of Diazinon and Glyphosate (Pesticides) on Oxygen Consumption of the Box Mussel *Septifer bilocularis* L. *Phuket Mar.Biol.Center Spec.Publ.* 18: 139-144.
- EcoReference No.: 85629
Chemical of Concern: DZ,GYP; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(DZ,GYP).

304. Lautenschlager, R. A., Dalton, W. J., Cherry, M. L., and Graham, J. L. (1999). Conifer Release Alternatives Increase Aspen Forage Quality in Northwestern Ontario. *J.Wildl.Manag.* 63: 1320-1326.
EcoReference No.: 96877
Chemical of Concern: TPR,GYP; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(GYP).
305. Lawrie, J. and Clay, V. (1993). Effects of Herbicide Mixtures and Additives on Rhododendron ponticum. *Weed Res.* 33: 25-34.
EcoReference No.: 83007
Chemical of Concern: TPR,IZP,GYP,MTSM,THFM,TNM; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: TARGET(IZP,GYP).
306. Lee, C. D., Penner, D., and Hammerschmidt, R. (2003). Glyphosate and Shade Effects on Glyphosate-Resistant Soybean Defense Response to Sclerotinia sclerotiorum. *Weed Sci.* 51: 294-298.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
307. Lee, C. D., Penner, D., and Hammerschmidt, R. (2000). Influence of Formulated Glyphosate and Activator Adjuvants on Sclerotinia sclerotiorum in Glyphosate-Resistant and -Susceptible glycine max. *Weed Sci.* 48: 710-715.
EcoReference No.: 59531
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
308. Lee, T. T. and Dumas, T. (1983). Effect of Glyphosate on Ethylene Production in Tobacco Callus. *Plant Physiol.* 72: 855-857.
EcoReference No.: 25429
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(GYP).
309. Lee, T. T., Dumas, T., and Jevnikar, J. J. (1983). Comparison of the Effects of Glyphosate and Related Compounds on Indole-3-Acetic Acid Metabolism and Ethylene Production in Tabacco Callus. *Pestic.Biochem.Physiol.* 20: 354-359.
EcoReference No.: 32291
Chemical of Concern: GYP,IAA; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: TARGET(IAA,GYP).
310. Leon, R. G., Owen, M. D. K., Soh, D. H., and Tylka, G. L. (2005). Absence of Interactive Responses of Early Soybean (Glycine max) Growth to Soybean Cyst Nematode (*Heterodera glycines*), Postemergence Herbicides, and Soil pH and Texture. *Weed Technol.* 19: 847-854.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
311. Levesque, C. A., Rahe, J. E., and Eaves, D. M. (1993). Fungal Colonization of Glyphosate-Treated Seedlings Using a New Root Plating Technique. *Mycol.Res.* 97: 299-306.
EcoReference No.: 97001
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: TARGET(GYPI).
312. Ley, A. R., Cullis, B. R., and Plater, B. (1991). Effect of Spraytopping Applications of Paraquat and Glyphosate on the Nutritive Value and Regeneration of Vulpia (*Vulpia bromoides* (L.) S. F. Gray). *Aust.J.Agric.Res.* 42: 1405-1415.

- EcoReference No.: 97055
Chemical of Concern: PAQT, GYP; Habitat: T; Effect Codes: BCM, POP; Rejection Code: TARGET(GYP).
313. Li, J., Smeda, R. J., Sellers, B. A., and Johnson, W. G. (2005). Influence of Formulation and Glyphosate Salt on Absorption and Translocation in Three Annual Weeds. *Weed Sci.* 53: 153-159.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
314. Li, S. N. and Kole, R. K. (2004). Response of Gill ATPase and Liver Esterase of Pseudorasobora parva to a Two Month Exposure to Glyphosate and Metsulfuron Methyl. *Toxicol. Environ. Chem.* 86: 239-245.
EcoReference No.: 97111
Chemical of Concern: GYPI, MTSM; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(GYPI).
315. Lich, J. M., Renner, K. A., and Penner, D. (1997). Interaction of Glyphosate with Postemergence Soybean (*Glycine max*) Herbicides. *Weed Sci.* 45: 12-21.
EcoReference No.: 72911
Chemical of Concern: GYP, BT; Habitat: T; Effect Codes: POP, GRO; Rejection Code: TARGET(GYP).
316. Lieten, P. and Waite, G. (2006). Effect of Metosulam and Glyphosate on Flower Abnormalities of Strawberry. *Acta Hortic.* 401-403.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
317. Linden, E., Bengtsson, B. E., Svanberg, O., and Sundstrom, G. (1979). The Acute Toxicity of 78 Chemicals and Pesticide Formulations Against Two Brackish Water Organisms, the Bleak (*Alburnus alburnus*) and the Harpacticoid *Nitocra spinipes*. *Chemosphere* 8: 843-851 (Author Communication Used) (OECDG Data File).
EcoReference No.: 5185
Chemical of Concern:
DZM, DBN, DDT, 24DXYBEE, FNV, GYP, MANEB, MCPA, PCP, MCPP1, CQTC, MCPA, PMR, TBTF, O TN, C10OH, Zn, NH, C8OH, 24DXY; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI, C8OH, MCPP1, PCP, C10OH, DZM, CQTC, DBAC, OTN), NO CONTROL(24DXY, FNV, Maneb).
318. Lindgren, C. J., Gabor, T. S., and Murkin, H. R. (1999). Compatibility of Glyphosate with Galerucella calmariensis; a Biological Control Agent for Purple Loosestrife (*Lythrum salicaria*). *J. Aquat. Plant Manag.* 37: 44-48.
EcoReference No.: 97137
Chemical of Concern: GYP; Habitat: T; Effect Codes: REP, MOR; Rejection Code: LITE EVAL CODED(GYP).
319. Linz, G. M., Bergman, D. L., Blixt, D. C., and Bleier, W. J. (1994). Response of Black Terns (*Chlidonias niger*) to Glyphosate-Induced Habitat Alterations on Wetlands. *Colon. Waterbirds* 17: 160-167.
EcoReference No.: 96989
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP, BEH; Rejection Code: LITE EVAL CODED(GYPI).

320. Linz, G. M., Bergman, D. L., Blixt, D. C., and McMurl, C. (1997). Response of American Coots and Soras to Herbicide-Induced Vegetation Changes in Wetlands. *J.Field Ornithol.* 68: 450-457.
EcoReference No.: 97005
Chemical of Concern: GYPI; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
321. Linz, G. M., Bergman, D. L., Homan, H. J., and Bleier, W. J. (1995). Effects of Herbicide-Induced Habitat Alterations on Blackbird Damage to Sunflower. *Crop Prot.* 14: 625-629.
EcoReference No.: 97120
Chemical of Concern: GYPI; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
322. Linz, G. M., Bleier, W. J., Overland, J. D., and Homan, H. J. (1999). Response of Invertebrates to Glyphosate-Induced Habitat Alterations in Wetlands. *Wetlands* 19: 220-227.
EcoReference No.: 97122
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
323. Linz, G. M., Blixt, D. C., Bergman, D. L., and Bleier, W. J. (1996). Response of Ducks to Glyphosate-Induced Habitat Alterations in Wetlands. *Wetlands* 16: 38-44.
EcoReference No.: 40279
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
324. Linz, G. M., Blixt, D. C., Bergman, D. L., and Bleier, W. J. (1996). Responses of Red-Winged Blackbirds, Yellow-Headed Blackbirds and Marsh Wrens to Glyphosate-Induced Alterations in Cattail Density. *J.Field Ornithol.* 67: 167-176.
EcoReference No.: 97751
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
325. Liong, P. C., Hamzah, W. P., and Murugan, V. (1988). Toxicity of Some Pesticides Towards Freshwater Fishes. *Fish.Bull.Dep.Fish.(Malays.)* 57: 13 p.
EcoReference No.: 3296
Chemical of Concern:
EFV,HXZ,Maneb,MZB,PAQT,ES,MLN,PPX,CBL,DLD,HCCH,FNTH,CBF,ACP,CTN,GYP;
Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP,CTN,Maneb,MZB,CBL,ACP,CBF,MLN,HXZ),NO COC(EFV).
326. Liphadzi, K. B., Al-Khatib, K., Bensch, C. N., Stahlman, P. W., Dille, J. A., Todd, T., Rice, C. W., Horak, M. J., and Head, G. (2005). Soil Microbial and Nematode Communities as Affected by Glyphosate and Tillage Practices in a Glyphosate-Resistant Cropping System. *Weed Sci.* 53: 536-545.
EcoReference No.: 96934
Chemical of Concern: SFZ,MTC,ACO,ATZ,GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP),NO MIXTURE(ATZ,MTC).
327. Little, K. M. (2002). Acacia mearnsii Sensitivity to the Application of Pre-emergent Herbicides Applied at Planting. *South.Afr.For.J.* 193: 15-23.
EcoReference No.: 72167

- Chemical of Concern: SZ,GYP; Habitat: T; Rejection Code: NO MIXTURE(SZ),TARGET(GYP).
328. Liu, L., Punja, Z. K., and Rahe, J. E. (1997). Altered Root Exudation and Suppression of Induced Lignification as Mechanisms of Predisposition by Glyphosate of Bean Roots (*Phaseolus vulgaris* L.) to Colonization by *Pythium* spp. *Physiol.Mol.Plant Pathol.* 51: 111-127.
- EcoReference No.: 97139
Chemical of Concern: GYPI; Habitat: T; Effect Codes: REP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
329. Liu, Z. Q. (2003). Characterisation of Glyphosate Uptake into Grass Species. *Aust.J.Agric.Res.* 54: 877-884.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
330. Liu, Z. Q. (2004). Synergistic Enhancement of Glyphosate Uptake into Grasses by Adjuvant Combinations. *Aust.J.Agric.Res.* 55: 415-420.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
331. Lloyd, R. A. (1989). Assessing the Impact of Glyphosate and Liquid Hexazinone on Moose Browse Species in the Skeena Region. *Second Year Rep., Fish and Wildl.Branch, Br.Columbia Minist.of the Environ., Victoria B.C.* :76 p.; Addendum (1990): 33 p.

EcoReference No.: 95600
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: ACC,MOR,POP,GRO,BEH,PHY; Rejection Code: TARGET(GYP,HXZ).
332. Lole, D. J. (1985). Mode of Action of Glyphosate - A Literature Analysis. In: *E.Grossbard and D.Atkinson (Eds.), The Herbicide Glyphosate*, Butterworths, London 48.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
333. Lovell, S. T. (2000). Soybean Response and Weed Control with Flumioxazin, and Sorption, Degradation, and Weed Control with Isoxaflutole.

Chemical of Concern: GYP; Habitat: T; Effect Codes: 9990066; Rejection Code: TARGET(GYP).
334. Lund-Hoie, K. (1979). The Physiological Fate of Glyphosate-14C in *Betula verrucosa* and *Fraxinus excelsior*. The Effect of Ammonium Sulphate and the Environment on the Herbicide. *Meld.Nor.Landbrukshogsk.* 58: 1-24.

EcoReference No.: 26256
Chemical of Concern: GYP,NH; Habitat: T; Effect Codes: ACC,BCM; Rejection Code: TARGET(GYP).
335. Lundhoie, K. (1976). The Correlation Between the Tolerance of Norway Spruce (*Picea aies*) to Glyphosate and the Uptake, Distribution and Metabolism of the Herbicide in the Spruce Pla. NORBOK,Oslo.

EcoReference No.: 26565
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
336. Lundhoie, K. (1977). An Evaluation of the Foliar Herbicides MCPA, Krenite, and Glyphosate for Forest Use. In: *Ogras Och Ograsbekämpning, Svenska Ograskonf.*

EcoReference No.: 26561

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

337. Lutman, P. J. W. (1979). The Effects of Topical Applications of Glyphosate and Aminotriazole on Volunteer Potatoes (*Solanum tuberosum*). *Weed Res.* 19: 377-384.

EcoReference No.: 43411

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

338. Lym, R. G. (2000). Leafy Spurge (*Euphorbia esula*) Control with Glyphosate plus 2,4-D. *J.Range Manag.* 53: 68-72.

EcoReference No.: 64819

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

339. 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:

DFP,QZF,FNP,HFP,FZF,NSF,TN,EMSF,BP,ANL,PDM,BTC,MLT,AMTR,PMT,DU,PAQT,FXP,QNC,ATZ,SZ,MCPA,GYP,OXF; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP,FNP,ATZ,MLT,SZ).

340. 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,QZF,QZP,HFP,FNP,MLT,BP,TN,EMSF,NSF,BTC,PAQT,AMTR,DU,ANL,MCPA,FXP,QNC,O XF,GYP,SZ,ATZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP,FNP,ATZ,MLT,SZ).

341. 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,ACO; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP,ATZ,MTL,SZ).

342. 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,DU,PAQT,PMT,FXP,MCPA,QNC,PDM,TFN,GFS,GYP,SZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP,ATZ,MTL,SZ),OK(FNP,DU,QNC,GFS),NO COC(CMZ).

343. 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,MLT,ACO,ATZ,SZ,CZE,DU,PAQT,BMN,FXP,QNC,OXF,GFS,GYP; Habitat: A; Effect Codes:

- POP; Rejection Code: LITE EVAL CODED(GYP,FNP,ATZ,MLT,MTL,SZ).
344. Madison, L. A., Barnes, T. G., and Sole, J. D. (2001). Effectiveness of Fire, Disking, and Herbicide to Renovate Tall Fescue Fields to Northern Bobwhite Habitat. *Wildl.Soc.Bull.* 29: 706-712.
- EcoReference No.: 97166
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
345. Madsen, J. D., Owens, C. S., and Getsinger, K. D. (1998). Evaluation of Four Herbicides for Management of American Frogbit (*Limnobium spongia*). *J.Aquat.Plant Manag.* 36: 148-150.
- EcoReference No.: 97638
Chemical of Concern: GYPI,24D; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYPI),OK(24D).
346. Madsen, K. H. and Streibig, J. C. (2000). Simulating Weed Management in Glyphosate-Tolerant Crops: Greenhouse and Field Studies. *Pest Manag.Sci.* 56: 340-344.
- EcoReference No.: 67957
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
347. Major III, W. W., Grue, C. E., Grassley, J. M., and Conquest, L. L. (2004). Non-Target Impacts to Eelgrass from Treatments to Control Spartina in Willapa Bay, Washington. *J.Aquat.Plant Manag.* 42: 11-17.
- EcoReference No.: 97640
Chemical of Concern: GYPI; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYPI).
348. Mallik, M. A. B. and Tesfai, K. (1985). Pesticidal Effect on Soybean-Rhizobia Symbiosis. *Plant Soil* 85: 33-41.
- EcoReference No.: 70794
Chemical of Concern: PNB,CBL,TXP,DZ,ACP,CAPTAN,MLN,GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(DZ,CBL,ACP),OK(ALL CHEMS),NO MIXTURE(CAPTAN),TARGET(GYP).
349. Mann, R. M. and Bidwell, J. R. (1999). The Toxicity of Glyphosate and Several Glyphosate Formulations to Four Species of Southwestern Australian Frogs. *Arch.Environ.Contam.Toxicol.* 36: 193-199.
- EcoReference No.: 71857
Chemical of Concern: GYPT,GYP,GYPI; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP,GYPI).
350. Manning, P. M., Popp, M. P., Keisling, T. C., and Ashlock, L. O. (2002). Is it fair to Compare? Issues Regarding the Testing of Glyphosate-Tolerant Soybeans in University Variety Performance Trials. *J.Plant Nutr.* 25: 2521-2533.
- Chemical of Concern: GYP,FSF; Habitat: T; Rejection Code: TARGET(FSF,GYP).
351. Margna, U., Vainjarv, T., and Margna, E. (1988). Glyphosate Effects on the Biosynthesis of Flavonoids from Exogenous L-Phenylalanine and L-Tyrosine in Buckwheat Cotyledons. *Biochem.Physiol.Pflanz.* 183: 329-335.
- EcoReference No.: 97691
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(GYP).

352. Marrs, R. H., Frost, A. J., Plant, R. A., and Lunnis, P. (1993). Effects of Herbicides on Vegetation. In: A.S.Cooke (Ed.), *The Environmental Effects of Pesticides Drift, English Nature*, Peterborough 28-38.
EcoReference No.: 72300
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: TARGET(GYP).
353. Marshall, G., Kirkwood, R. C., and Martin, D. J. (1987). Studies on the Mode of Action of Asulam, Aminotriazole and Glyphosate in *Equisetum arvense* L. (Field Horsetail). I: The Uptake and Translocation of (14C) Asulam, (14C) Aminotriazole and (14C) Glyphosate. *Pestic.Sci.* 18: 55-64.
Chemical of Concern: ASM,GYP; Habitat: T; Rejection Code: TARGET(GYP).
354. Martensson, A. M. (1992). Effects of Agrochemicals and Heavy Metals on Fast-Growing Rhizobia and Their Symbiosis with Small-Seeded Legumes. *Soil Biol.Biochem.* 24: 435-445.
EcoReference No.: 68711
Chemical of Concern: BMY,GYP,MZB,CuCl,HgCl,ZnCl₂,MCPA; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(MZB),OK(ALL CHEMS),TARGET(GYP).
355. Martensson, A. M. (1993). Use of Heterotrophic and Cyanobacterial Nitrogen Fixation to Study the Impact of Anthropogenic Substances on Soil Biological Processes. *Bull.Environ.Contam.Toxicol.* 50: 466-473.
EcoReference No.: 90894
Chemical of Concern: BMY,MZB,24D,ZnCl,CuCl,NiCl,GYP; Habitat: T; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(MZB),TARGET(24D,GYP).
356. Martin, N. A. (1982). The Effects of Herbicides Used on Asparagus on the Growth Rate of the Earthworm *Allolobophora caliginosa*. *Proc.35th N.Z.Weed and Pest Control Conf.* 328-331.
EcoReference No.: 58170
Chemical of Concern:
SZ,TFN,ODZ,24DXY,PMT,MCPB,MBZ,TRB,LNR,BMC,DU,ASM,AMTL,HXZ,GYP,PPZ;
Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL
CODED(SZ,PPZ),TARGET(MCPB,BMC,HXZ,24DXY,LNR,GYP),OK(ALL CHEMS).
357. 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: LITE EVAL CODED(ATZ,GYP),OK(MCPA,DU,PPN).
358. Maxwell, B. D., Foley, M. E., and Fay, P. K. (1987). The Influence of Glyphosate on Bud Dormancy in Leafy Spurge (*Euphorbia esula*). *Weed Sci.* 35: 6-10.
EcoReference No.: 31150
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,PHY; Rejection Code: TARGET(GYP).
359. May, O. L., Culpepper, A. S., Cerny, R. E., Coots, C. B., Corkern, C. B., Cothren, J. T., Croon, K. A., Ferreira, K. L., Hart, J. L., Hayes, R. M., Huber, S. A., Martens, A. B., McCloskey, W. B., Oppenhuizen, M. E., Patterson, M. G., Reynolds, D. B., Shapley, Z. W., Subramani, J., Witten, T. K., York, A. C., and Mullinix, B. G. Jr. (2004). Transgenic Cotton with Improved Resistance to Glyphosate Herbicide. *Crop Sci.* 44: 234-240.
EcoReference No.: 84525

- Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
360. May, W. E., Loeppky, H. A., Murrell, D. C., Myhre, C. D., and Soroka, J. J. (2003). Preharvest Glyphosate in Alfalfa for Seed Production: Effect on Alfalfa Seed Yield and Quality. *Can.J.Plant Sci.* 83: 189-197.
EcoReference No.: 70939
Chemical of Concern: GYP; Habitat: T; Effect Codes: REP,GRO; Rejection Code: TARGET(GYP).
361. May, W. E., Myhre, C. D., Loeppky, H. A., Murrell, D. C., and Soroka, J. J. (2003). Preharvest Glyphosate in Alfalfa for Seed Production: Control of Canada Thistle. *Can.J.Plant Sci.* 83: 199-204.
EcoReference No.: 70950
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,MOR,POP; Rejection Code: TARGET(GYP).
362. Mayeux, H. S. Jr. (1987). Application of Herbicides on Rangelands with a Carpeted Roller: Shrub Density Influences Volume, Dosage, and Rate. *Weed Sci.* 35: 444-448.
EcoReference No.: 31005
Chemical of Concern: GYP,PCLK,CPR; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
363. McCullough, P. E., Hart, S. E., Askew, S., Dernoeden, P. H., Reicher, Z., and Weisenberger, D. (2006). Kentucky Bluegrass Control with Postemergence Herbicides. *Hortscience* 41: 255-258.
EcoReference No.: 87931
Chemical of Concern: CLT,FZFP,GFS,GYP,RIM,SXD,TFS; Habitat: T; Effect Codes: POP;
Rejection Code: TARGET(GYP).
364. McEachern, G. R. and Storey, J. B. (1984). Low Volume, High Concentrate Roundup Herbicide Control of Pecan Weeds. *Pecan Q* 18: 27-30.
EcoReference No.: 31762
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
365. McKinley, T. L., Roberts, R. K., Hayes, R. M., and English, B. C. (1999). Economic Comparison of Herbicides for Johnsongrass (*Sorghum halepense*) Control in Glyphosate-Tolerant Soybean (*Glycine max*). *Weed Technol.* 13: 30-36.
EcoReference No.: 62897
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
366. McLeod, R. W., Steel, C. C., and Kirkegaard, J. A. (2002). Effects of Some Crop Management Practices on Reproduction of *Meloidogyne javanica* on *Brassica napus*. *Nematology* 4: 381-386.
EcoReference No.: 75453
Chemical of Concern: OMT,FMP,GYPI; Habitat: T; Effect Codes: GRO,PHY,POP; Rejection Code: LITE EVAL CODED(GYPI,FMP).
367. McPherson, R. M., Johnson, W. C., Mullinix, B. G. Jr., Mills III, W. A., and Peebles, F. S. (2003). Influence of Herbicide Tolerant Soybean Production Systems on Insect Pest Populations and Pest-Induced Crop Damage. *J.Econ.Entomol.* 96: 690-698.
EcoReference No.: 97327
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL

- CODED(GYPI).
368. Means, N. E., Kremer, R. J., and Ramsier, C. (2007). Effects of Glyphosate and Foliar Amendments on Activity of Microorganisms in the Soybean Rhizosphere. *J.Environ.Sci.Health Part B* 42: 125-132.
EcoReference No.: 95602
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(GYP),NO COC(FSF).
369. Medlin, C. R. and Shaw, D. R. (2000). Economic Comparison of Broadcast and Site-Specific Herbicide Applications in Nontransgenic and Glyphosate-Tolerant Glycine max. *Weed Sci.* 48: 653-661.
EcoReference No.: 59564
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
370. Mekwatanakarn, P. and Sivasithamparam, K. (1987). Effect of Certain Herbicides on Growth and Pathogenicity of Take-All Fungus on Wheat (*Triticum aestivum* L.). *Biol.Fertil.Soils* 5: 31-35.
EcoReference No.: 97108
Chemical of Concern: CSF,CTHM,PAQT,GYPI,DBM,TFN; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYPI).
371. Mekwatanakarn, P. and Sivasithamparam, K. (1987). Effect of Certain Herbicides on Saprophytic Survival and Biological Suppression of the Take-All Fungus. *New Phytol.* 106: 153-159.
EcoReference No.: 96994
Chemical of Concern: TFN,PAQT,GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP),NO MIXTURE(TFN,PAQT).
372. Mekwatanakarn, P. and Sivasithamparam, K. (1987). Effect of Certain Herbicides on Soil Microbial Populations and Their Influence on Saprophytic Growth in Soil and Pathogenicity of Take-All Fungus. *Biol.Fertil.Soils* 5: 175-180.
EcoReference No.: 97109
Chemical of Concern: GYPI,DBM,TFN; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
373. Melnichuk, S. D., Shcherban, E. P., and Lokhanskaya, V. I. (2007). Estimation of Toxicity of Glyphosate-Based Herbicides by Biotoxins Method Using Cladocera. *Hydrobiol.J.* 43: 80-91.
EcoReference No.: 96869
Chemical of Concern: GYPI; Habitat: A; Effect Codes: GRO,MOR,REP; Rejection Code: LITE EVAL CODED(GYPI).
374. Mercer, P. C., Crothers, S. H., Fraser, T. W., and Harvey, B. M. R. (1990). Pre-Harvest Retting of Flax with Glyphosate: Effects of Moisture and Microbial Colonization on Retting. *Int.Biodeterior.* 26: 289-301.
EcoReference No.: 96862
Chemical of Concern: IPD,BMY,PCZ,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO MIXTURE(IPD,BMY,PCZ),TARGET(GYP).
375. Meriles, J. M., Vargas Gil, S., Haro, R. J., March, G. J., and Guzman, C. A. (2006). Glyphosate and Previous Crop Residue Effect on Deleterious and Beneficial Soil-Borne Fungi from a Peanut-Corn-Soybean Rotations. *J.Phytopathol.* 154: 309-316.

- EcoReference No.: 96993
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
376. Mesa-Garcia, J. and Garcia-Torres, L. (1985). Orobance crenata (Forsk) Control in Vicia faba (L.) with Glyphosate as Affected by Herbicide Rates and Parasite Growth Stages. *Weed Res.* 25: 129-134.

EcoReference No.: 31652
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
377. Messersmith, C. G., Christianson, K. M., and Thorsness, K. B. (1992). Influence of Glyphosate Rate, Application Date, and Spray Volume on Cattail Control. *N.D.Farm Res.* 49: 27-28.

EcoReference No.: 97528
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
378. 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; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(GYP,BMC,HXZ),TARGET(ATZ),NO COC(CFRM).
379. 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:
NPM,EPTC,CPH,CPP,ASM,GFS,CMZ,FDE,NFZ,ACF,PAQT,CSF,FZFPB,DFPM,DMB,DBN,ATZ,PQT,ACR,BT,PDM,GYPI; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYPI,EPTC,ATZ,DMB,CMZ),OK(GFS,NFZ).
380. Miller, D. K., Downer, R. G., Leonard, B. R., Holman, E. M., and Kelly, S. T. (2004). Response of Nonglyphosate-Resistant Cotton to Reduced Rates of Glyphosate. *Weed Sci.* 52: 178-182.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
381. Mohamed, A. I., Nair, G. A., Kassem, H. H., and Nuruzzaman, M. (1995). Impacts of Pesticides on the Survival and Body Mass of the Earthworm *Aporrectodea caliginosa* (Annelida: Oligochaeta). *Acta Zool.Fenn.* 196: 344-347.

EcoReference No.: 40226
Chemical of Concern: MOM,PAQT,GYP,FNTH; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(GYP),OK(MOM).
382. Moomaw, R. S. and Martin, A. R. (1985). Herbicide Evaluations for No-Till Soybean (*Glycine max*) Production in Corn (*Zea mays*) Residue. *Weed Sci.* 33: 679-685.

EcoReference No.: 31447
Chemical of Concern: MTL,GYP,ACR,MBZ,DMM; Habitat: T; Rejection Code: NO MIXTURE(TARGET-MTL),TARGET(GYP).
383. Morandi, D. (1989). Effect of Xenobiotics on Endomycorrhizal Infection and Isoflavonoid Accumulation in Soybean Roots. *Plant Physiol.Biochem.* 27: 697-701.

EcoReference No.: 97529

- Chemical of Concern: FSTAL,GYP; Habitat: T; Effect Codes: GRO,BCM,POP; Rejection Code: EFFICACY(FSTAL,GYP).
384. Moreby, S. J. (1991). Laboratory Screening of Pesticides Against Calocoris norvegicus, A Non-Target Heteropteran in Cereals. *Tests Agrochem.Cultiv.* 12: 8-9.
EcoReference No.: 91087
Chemical of Concern:
CAP,TDF,PCZ,CBD,BMY,FXP,TRL,DFP,GYP,BMN,CPR,MCPA,MCPP1,PIM,PHSL,DMT;
Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(CAP,GYP),OK(TDF,PCZ,MCPP1),OK TARGET(DMT),NO COC(Captan).
385. Morgan, J. D., Vigers, G. A., Farrell, A. P., Janz, D. M., and Manville, J. F. (1991). Acute Avoidance Reactions and Behavioral Responses of Juvenile Rainbow Trout (*Oncorhynchus mykiss*) to Garlon 4, Garlon 3A, And Vision Herbicides. *Environ.Toxicol.Chem.* 10: 73-79.
EcoReference No.: 3593
Chemical of Concern: GYP,TPR; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(GYP).
386. Morgan, M. J. and Kiceniuk, J. W. (1992). Response of Rainbow Trout to a Two Month Exposure to Vision, a Glyphosate Herbicide. *Bull.Environ.Contam.Toxicol.* 48: 772-780.
EcoReference No.: 97714
Chemical of Concern: GYPI; Habitat: A; Effect Codes: BEH,MOR,GRO; Rejection Code: LITE EVAL CODED(GYPI).
387. Morrow, L. S. (1985). Effect of Rate of Glyphosate with and Without Frigate Surfactant on Weed Control in Orbit Spring Oats. *Proc.Northeast.Weed Sci.Soc.* 39: 112-113.
EcoReference No.: 31623
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
388. Moseley, C. M. and Hagood, E. S. Jr. (1990). Reducing Herbicide Inputs when Establishing No-Till Soybeans (*Glycine max*). *Weed Technol.* 4: 14-19.
EcoReference No.: 73993
Chemical of Concern: MTL,PAQT,IMZ,CME,IMQ,GYP,LNR,MBZ,DMM; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(MTL,LNR,GYP).
389. Moshier, L., Turgeon, A. J., and Penner, D. (1976). Effects of Glyphosate and Siduron on Turfgrass Establishment. *Weed Sci.* 24: 445-448.
EcoReference No.: 41108
Chemical of Concern: GYP,SID; Habitat: T; Effect Codes: REP,GRO; Rejection Code: TARGET(GYP,SID).
390. Mueller, T. C., Mitchell, P. D., Young, B. G., and Culpepper, A. S. (2005). Proactive Versus Reactive Management of Glyphosate-Resistant or -Tolerant Weeds. *Weed Technol.* 19: 924-933.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
391. Mujica, M. T., Fracchia, S., Ocampo, J. A., and Godeas, A. (1999). Influence of the Herbicides Chlorsulfuron and Glyphosate on Mycorrhizal Soybean Intercropped with the Weeds *Brassica campestris* or *Sorghum halepensis*. *Symbiosis* 27: 73-81.
EcoReference No.: 72838

- Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
392. Nadler-Hassar, T. and Rubin, B. (2003). Natural Tolerance of *Cuscuta campestris* to Herbicides Inhibiting Amino Acid Biosynthesis. *Weed Res.* 43: 341-347 .
EcoReference No.: 82304
Chemical of Concern: IZP,GYP; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: TARGET(IZP,GYP).
393. 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: LITE EVAL CODED(GYP,ATZ,SZ).
394. Nafziger, E. D. and Slife, F. W. (1983). Physiological Response of Common Cocklebur (*Xanthium pensylvanicum*) to Glyphosate. *Weed Sci.* 31: 874-878.
EcoReference No.: 25224
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,BCM,GRO; Rejection Code: TARGET(GYP).
395. Nair, G. A., Mohamed, A. I., and Bhuyan, K. C. (1995). Comparative Effects of Chemical Pesticides on Survival, Body Mass and Respiration of the Pulmonate Slugs, *Milax rusticus* (Millet, 1843) and *Milax sowerbyi* (Ferussac, 1823) (Mollusca: Milacidae). *J.Afr.Zool.* 109: 141-149.
EcoReference No.: 87865
Chemical of Concern: MDT,CBL,FNV,GYPI; Habitat: T; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(CBL,FNV,GYPI).
396. Nalecz-Jawecki, G., Kucharczyk, E., and Sawicki, J. (2002). The Sensitivity of Protozoan *Spirostomum ambiguum* to Selected Pesticides. *Fresenius Environ.Bull.* 11: 98-101.
EcoReference No.: 69821
Chemical of Concern:
24D,DDVP,THM,DOD,IPD,TPE,PDM,PCH,MCPA,ACYP,DM,PRM,HCCH,CBL,MOM,MLN,Captan,LNR,GYPI,PDM,BT,DMB; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,MLN,MOM,DMB,Captan,24D,LNR,GYPI).
397. Nalewaja, J. D. and Matysiak, R. (1993). Optimizing Adjuvants to Overcome Glyphosate Antagonistic Salts. *Weed Technol.* 7: 337-342.
EcoReference No.: 79831
Chemical of Concern: ALSV,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO MIXTURE(ALSV),TARGET(GYP).
398. Nandula, V. K. (1998). Selective Control of Egyptian Broomrape (*Orobanche aegyptiaca* Pers.) by Glyphosate and Its Amino Acid Status in Relation to Selected Hosts. *Ph.D Thesis, Virginia Polytechnic Inst.State Univ., Blacksburg, VA* 125 p.
EcoReference No.: 97103
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,ACC,POP; Rejection Code: TARGET(GYP).
399. Nandula, V. K., Foy, C. L., and Orcutt, D. M. (1999). Glyphosate for *Orobanche aegyptiaca* Control in

- Vicia sativa and Brassica napus. *Weed Sci.* 47: 486-491.
- EcoReference No.: 63976
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(GYP).
400. Neal, J. C. and Skroch, W. A. (1985). Effects of Timing and Rate of Glyphosate Application on Toxicity to Selected Woody Ornamentals. *J.Am.Soc.Hortic.Sci.* 110: 860-864.

EcoReference No.: 52605
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
401. Nelson, K. A. and Renner, K. A. (1999). Weed Management in Wide- and Narrow-Row Glyphosate Resistant Soybean. *J.Prod.Agric.* 12: 460-465.

EcoReference No.: 65280
Chemical of Concern: GYP,PDM,MBZ,ACF,CRM,QZF,FZF,THF,IZT; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).
402. Nelson, K. A., Renner, K. A., and Hammerschmidt, R. (2002). Cultivar and Herbicide Selection Affects Soybean Development and the Incidence of Sclerotinia Stem Rot. *Agron.J.* 94: 1270-1281.

EcoReference No.: 70920
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,REP; Rejection Code: TARGET(GYP).
403. Nemoto, M. C. M., Nahas, E., Pitelli, R. A., and Coelho, L. (2002). Germination and Mycelial Growth of Bipolaris euphorbiae Muchovej & Carvalho as Influenced by Herbicides and Surfactants. *Braz.J.Microbiol.* 33: 352-357.

EcoReference No.: 95538
Chemical of Concern: LCF,FSF,GYP,BT,OXS,CRME; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: LITE EVAL CODED(FSF,GYP),OK(LCF).
404. Neskovic, N. K., Poleksic, V., Elezovic, I., Karan, V., and Budimir, M. (1996). Biochemical and Histopathological Effects of Glyphosate on Carp, Cyprinus carpio L. *Bull.Environ.Contam.Toxicol.* 56: 295-302.

EcoReference No.: 16438
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,CEL,MOR; Rejection Code: LITE EVAL CODED(GYP).
405. Newton, M., Cole, E. C., and White, D. E. (1986). What Influences Control of Coastal Deciduous Brush with Glyphosate? *P W S Wd S* 39: 86-92.

EcoReference No.: 31058
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
406. Njiti, V. N., Myers, O. Jr., Schroeder, D., and Lightfoot, D. A. (2003). Roundup Ready Soybean: Glyphosate Effects on Fusarium solani Root Colonization and Sudden Death Syndrome. *Agron.J.* 95: 1140-1145.

EcoReference No.: 96916
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
407. Norris, J. L., Shaw, D. R., and Snipes, C. E. (2001). Weed Control from Herbicide Combinations with

- Three Formulations of Glyphosate. *Weed Technol.* 15: 552-558.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
408. Norsworthy, J. K. (2004). Broadleaved Weed Control in Wide-Row Soybean (*Glycine max*) Using Conventional and Glyphosate Herbicide Programmes. *Crop Prot.* 23: 1229-1235.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
409. Norsworthy, J. K. (2004). Soil-Applied Herbicide Use in Wide- and Narrow-row Glyphonate-Resistant Soybean (*Glycine max*). *Crop Prot.* 23: 1237-1244.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
410. Norsworthy, J. K., Burgos, N. R., and Oliver, L. R. (2001). Differences in Weed Tolerance to Glyphosate Involve Different Mechanisms. *Weed Technol.* 15: 725-731.
EcoReference No.: 66903
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(GYP).
411. Norsworthy, J. K. and Oliver, L. R. (2002). Effect of Irrigation, Soybean (*Glycine max*) Density, and Glyphosate on Hemp Sesbania (*Sesbania exaltata*) and Pitted Morningglory (*Ipomoea lacunosa*) Interference in Soybean. *Weed Technol.* 16: 7-17.
EcoReference No.: 62965
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
412. Norsworthy, J. K. and Oliver, L. R. (2002). Hemp sesbania Interference in Drill-Seeded Glyphonate-Resistant Soybean. *Weed Sci.* 50: 34-41.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
413. Norsworthy, J. K. and Oliver, L. R. (2002). Pitted Morningglory Interference in Drill-Seeded Glyphonate-Resistant Soybean. *Weed Sci.* 50: 26-33.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
414. Norsworthy, J. K., Oliver, L. R., and Purcell, L. C. (1999). Diurnal Leaf Movement Effects on Spray Interception and Glyphosate Efficacy. *Weed Technol.* 13: 466-470.
EcoReference No.: 66706
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
415. Nurse, R. E., Hamill, A. S., Swanton, C. J., Tardif, F. J., Deen, W., and Sikkema, P. H. (2007). Is the Application of a Residual Herbicide Required Prior to Glyphosate Application in No-Till Glyphonate-Tolerant Soybean (*Glycine max*)? *Crop Prot.* 26: 484-489.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
416. Nuti, R. C., Viator, R. P., Casteel, S. N., Edmisten, K. L., and Wells, R. (2006). Effect of Planting Date, Mepiquat Chloride, and Glyphosate Application to Glyphonate-Resistant Cotton. *Agron.J.* 98: 1627-1633.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
417. O'Donovan, J. T., Harker, K. N., Clayton, G. W., and Blackshaw, R. E. (2006). Comparison of a

- Glyphosate-Resistant Canola (*Brassica napus* L.) System with Traditional Herbicide Regimes. *Weed Technol.* 20: 494-501.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
418. O'Sullivan, P. A., O'Donovan, J. T., and Hamman, W. M. (1981). Influence of Non-ionic Surfactants, Ammonium Sulphate, Water Quality and Spray Volume on the Phytotoxicity of Glyphosate. *Can.J.Plant Sci.* 61: 391-400.
- EcoReference No.: 46408
Chemical of Concern: GYP,NH; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
419. Olaleye, V. F. and Akinyemiju, O. A. (1996). Effect of a Glyphosate (N-(Phosphonomethyl) Glycine) Application to Control *Eichhornia crassipes* Mart. on Fish Composition and Abundance in Abiala Creek, Niger Delta, Nigeria. *J.Environ.Manag.* 47: 115-122.
- EcoReference No.: 97705
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(GYPI).
420. Oliveira, A. G., Telles, L. F., Hess, R. A., Mahecha, G. A. B., and Oliveira, C. A. (2007). Effects of the Herbicide Roundup on the Epididymal Region of Drakes *Anas platyrhynchos*. *Reprod.Toxicol.* 23: 182-191.
- EcoReference No.: 97136
Chemical of Concern: GYPI; Habitat: T; Effect Codes: BCM,GRO,CEL; Rejection Code: LITE EVAL CODED(GYPI).
421. Olofintoye, J. A. (1989). Tillage and Weed Control Practices for Upland Rice (*Oryza sativa* L.) on a Hydromorphic Soil in the Guinea Savanna of Nigeria. *Trop.Agric.* 66: 43-48.
- EcoReference No.: 97527
Chemical of Concern: GYP,PAQT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: TARGET(GYP).
422. Overton, J. R., Mullins, J. A., and Jeffery, L. S. (1973). Response of Cotton, Soybeans and Johnsongrass to Glyphosate. *P So Wd S S* 26: 28-35.
- EcoReference No.: 25328
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
423. Park, O. L. and Lane, P. M. S. (1984). Blackberry Control with Glyphosate. *Proc.N.Z.Plant Prot.Conf.* 37: 200-202.
- EcoReference No.: 31552
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
424. Parker, R. G., York, A. C., and Jordan, D. L. (2006). Weed Control in Glyphosate-Resistant Corn as Affected by Preemergence Herbicide and Timing of Postemergence Herbicide Application. *Weed Technol.* 20: 564-570.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
425. Patten, K. (2003). Persistence and Non-Target Impact of Imazapir Associated with Smooth Cordgrass Control in an Estuary. *J.Aquat.Plant Manag.* 41: 1-6 .
- EcoReference No.: 76872

- Chemical of Concern: IZP,GYP; Habitat: A; Effect Codes: GRO,POP,BCM; Rejection Code: LITE EVAL CODED(IZP,GYP).
426. Paveglio, F. L. and Kilbride, K. M. (2000). Response of Vegetation to Control of Reed Canarygrass in Seasonally Managed Wetlands of Southwestern Washington. *Wildl.Soc.Bull.* 28: 730-740.
EcoReference No.: 97164
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
427. Payne, S. A. and Oliver, L. R. (2000). Weed Control Programs in Drilled Glyphosate-Resistant Soybean. *Weed Technol.* 14: 413-422.
EcoReference No.: 59598
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
428. Perez-Jones, A., Park, K. W., Colquhoun, J., Mallory-Smith, C., and Shaner, D. (2005). Identification of Glyphosate-Resistant Italian Ryegrass (*Lolium multiflorum*) in Oregon. *Weed Sci.* 53: 775-779.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
429. Perkins, P. J., Boermans, H. J., and Stephenson, G. R. (2000). Toxicity of Glyphosate and Triclopyr Using the Frog Embryo Teratogenesis Assay - Xenopus. *Environ.Toxicol.Chem.* 19: 940-945.
EcoReference No.: 53090
Chemical of Concern: GYPI,GYP,TPR; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(GYP,GYPI).
430. Perschbacher, P. W., Stone, N., Ludwig, G. M., and Guy, C. B. Jr. (1997). Evaluation of Effects of Common Aerially-Applied Soybean Herbicides and Propanil on the Plankton Communities of Aquaculture Ponds. *Aquaculture* 157: 117-122.
EcoReference No.: 53095
Chemical of Concern: CRM,FSF,PPN,ACF,GYP,BT,IMQ,FZF,CLT; Habitat: A; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(FSF,GYP).
431. Petersen, Iben Lykke, Hansen, Hans Christian Bruun, Ravn, Helle Weber, Sorensen, Jens Christian, and Sorensen, Hilmer (2007). Metabolic effects in rapeseed (*Brassica napus* L.) seedlings after root exposure to glyphosate. *Pestic.Biochem.Physiol.* 89: 220-229.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
432. Peterson, R. K. D. and Hulting, A. G. (2004). A Comparative Ecological Risk Assessment for Herbicides Used on Spring Wheat: The Effect of Glyphosate when Used Within a Glyphosate-Tolerant Wheat System. *Weed Sci.* 52: 834-844.
Chemical of Concern: FNP,GYP; Habitat: T; Rejection Code: TARGET (FNP,GYP).
433. Petrie, G. A. (1995). Effects of Chemicals on Ascospore Production by *Leptosphaeria maculans* on Blackleg-Infected Canola Stubble in Saskatchewan. *Can.Plant Dis.Surv.* 75: 45-50.
EcoReference No.: 96995
Chemical of Concern: TFN,MBZ,GYP,TRL,UREA,THM,IPD,VCZ,TBA,ILL,CTN,BMY,TDM,PCZ; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(GYP),TARGET(CTN,PCZ).
434. Pettersson, M. and Ekelund, N. G. A. (2006). Effects of the Herbicides Roundup and Avans on *Euglena gracilis*. *Arch.Environ.Contam.Toxicol.* 50: 175-181.

- EcoReference No.: 95885
Chemical of Concern: GYPI,GYPT; Habitat: A; Effect Codes: BEH,PHY,POP; Rejection Code: LITE EVAL CODED(GYPI).
435. Pline, W. A., Edmisten, K. L., Wilcut, J. W., Wells, R., and Thomas, J. (2003). Glyphosate-Induced Reductions in Pollen Viability and Seed Set in Glyphosate-Resistant Cotton and Attempted Remediation by Gibberellic Acid (GA3). *Weed Sci.* 51: 19-27.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
436. Pline, W. A., Hatzios, K. K., and Hagood, E. S. (2000). Weed and Herbicide-Resistant Soybean (*Glycine max*) Response to Glufosinate and Glyphosate plus Ammonium Sulfate and Pelargonic Acid. *Weed Technol.* 14: 667-674.

EcoReference No.: 59606
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
437. Pline, W. A., Price, A. J., Wilcut, J. W., Edmisten, K. L., and Wells, R. (2001). Absorption and Translocation of Glyphosate in Glyphosate-Resistant Cotton as Influenced by Application Method and Growth Stage. *Weed Sci.* 49: 460-467 .

EcoReference No.: 66912
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(GYP).
438. Pline, W. A., Wu, J., and Hatzios, K. K. (1999). Effects of Temperature and Chemical Additives on the Response of Transgenic Herbicide-Resistant Soybeans to Glufosinate and Glyphosate Applications. *Pestic.Biochem.Physiol.* 65: 119-131 .

EcoReference No.: 63963
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(GYP).
439. Pombo, G., Orzolek, M. D., Tukey, L. D., and Pyzik, T. P. (1985). The Effect of Paclobutrazol, Daminozide, Glyphosate and 2,4-D in Gel on the Emergence and Growth of Germinated Tomato Seeds. *J.Hortic.Sci.* 60: 353-357.

EcoReference No.: 31469
Chemical of Concern: GYP,24DXY,PBZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(24DXY,PBZ,GYP).
440. Powles, S. B., Lorraine-Colwill, D. F., Dellow, J. J., and Preston, C. (1998). Evolved Resistance to Glyphosate in Rigid Ryegrass (*Lolium rigidum*) in Australia. *Weed Sci.* 46: 604-607.

EcoReference No.: 63913
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(GYP).
441. 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,GYP,OXF).
442. Prasad, R. (1989). Role of Some Adjuvants in Enhancing the Efficacy of Herbicides on Forest Species. In: P.N.P. Chow (Ed.), *1st Int.Symp., Adjuvants and Agrochemicals: Mode of Action and Physiological*

- Activity, Aug.5-7, Brandon, Manitoba 1: 159-166.*
- EcoReference No.: 92294
Chemical of Concern: TPR,PEPPG,GYP,HXZ; Habitat: T; Effect Codes: ACC,PHY,GRO;
Rejection Code: NO MIXTURE(PEPPG),NO CONTROL(HXZ),TARGET(GYP).
443. Pratley, J., Urwin, N., Stanton, R., Baines, P., Broster, J., Cullis, K., Schafer, D., Bohn, J., and Krueger, R. (1999). Resistance to Glyphosate in *Lolium rigidum*. I. Bioevaluation. *Weed Sci.* 47: 405-411.

EcoReference No.: 64878
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,POP; Rejection Code: TARGET(GYP).
444. Pressland, A. J. and Keenan, F. J. (1985). Lignum (*Muehlenbeckia cuninghamii*) Control in the Channel Country. *Plant Prot.Q.* 1: 62-66.

EcoReference No.: 93255
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(GYP,HXZ).
445. Puricelli, E. and Tuesca, D. (2005). Weed Density and Diversity Under Glyphosate-Resistant Crop Sequences. *Crop Prot.* 24: 533-542.

EcoReference No.: 87693
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
446. Quimby, P. C. Jr. and Frick, K. E. (1985). Evaluation of Herbicide-Coated Larvae of *Bactra verutana* (Lep.: Tortricidae) to Control Nutsedges (*Cyperus rotundus* L. and *C. esculentus* L.). *Entomophaga* 30: 287-292.

EcoReference No.: 97159
Chemical of Concern: BT,GYP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: TARGET(GYP).
447. Racchi, M. L., Forlani, G., Stefanini, F., and Camussi, A. (1997). Inheritance of Glyphosate Tolerance Among Maize Somaclones. *Maydica* 42: 275-280.

EcoReference No.: 64368
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,PHY,POP; Rejection Code: TARGET(GYP).
448. Rajasekaran, K., Hein, M. B., and Vasil, I. K. (1987). Endogenous Abscisic Acid and Iaa and Somatic Embryogenesis in Cultured Leaf Explants of *Pennisetum purpureum* Schum. Effects In-Vivo and In-Vitro of Glyphosate Fluridone and Paclobutrazol. *Plant Physiol.(Bethesda)* 84 : 47-51.

Chemical of Concern: PBZ,GYP; Habitat: T; Rejection Code: TARGET (PBZ,GYP).
449. Raymond, K. S., Servello, F. A., Griffith, B., and Eschholz, W. E. (1996). Winter Foraging Ecology of Moose on Glyphosate-Treated Clearcuts in Maine. *J.Wildl.Manag.* 60: 753-763.

EcoReference No.: 97163
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
450. Reddy, K. N. (2000). Factors Affecting Toxicity, Absorption, and Translocation of Glyphosate in Redvine (*Brunnichia ovata*). *Weed Technol.* 14: 457-462 .

- EcoReference No.: 59625
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,POP; Rejection Code: TARGET(GYP).
451. Reddy, K. N. and Whiting, K. (2000). Weed Control and Economic Comparisons of Glyphosate-Resistant, Sulfonylurea-Tolerant, and Conventional Soybean (*Glycine max*) Systems. *Weed Technol.* 14: 204-211.

EcoReference No.: 59627
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
452. Reddy, K. N. and Zablotowicz, R. M. (2003). Glyphosate-Resistant Soybean Response to Various Salts of Glyphosate and Glyphosate Accumulation in Soybean Nodules. *Weed Sci.* 51: 496-502.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
453. 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(ATZ,TARGET-MTL),TARGET(GYP).
454. Relyea, R. A. (2004). Growth and Survival of Five Amphibian Species Exposed to Combinations of Pesticides. *Environ.Toxicol.Chem.* 23: 1737-1742.

EcoReference No.: 86767
Chemical of Concern: DZ,CBL,MLN,GYP; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CBL,MLN,DZ,GYP).
455. Relyea, R. A. (2005). The Impact of Insecticides and Herbicides on the Biodiversity and Productivity of Aquatic Communities. *Ecol.Appl.* 15: 618-627.

EcoReference No.: 89112
Chemical of Concern: CBL,MLN,GYP,24DXY; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(CBL,MLN,GYP),OK(24DXY).
456. Relyea, R. A. (2005). The Lethal Impact of Roundup on Aquatic and Terrestrial Amphibians. *Ecol.Appl.* 15: 1118-1124.

EcoReference No.: 86885
Chemical of Concern: GYPI; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI).
457. Relyea, R. A. (2005). The Lethal Impacts of Roundup and Predatory Stress on Six Species of North American Tadpoles. *Arch.Environ.Contam.Toxicol.* 48: 351-357.

EcoReference No.: 80961
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI).
458. Relyea, R. A., Schoeppner, N. M., and Hoverman, J. T. (2005). Pesticides and Amphibians: The Importance of Community Context. *Ecol.Appl.* 15: 1125-1134.

EcoReference No.: 86886
Chemical of Concern: MLN,GYPI; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code:

LITE EVAL CODED(MLN,GYPI).

459. Renaud, A., Poinsot-Balaguer, N., Cortet, J., and Le Petit, J. (2004). Influence of Four Soil Maintenance Practices on Collembola Communities in a Mediterranean Vineyard. *Pedobiologia* 48: 623-630.
- EcoReference No.: 94307
Chemical of Concern: OYZ,GYP,TBZ,DU; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP),NO MIXTURE(OYZ,DU).
460. Rendon-von Osten, J., Ortiz-Arana, A., Guilhermino, L., and Soares, A. M. V. M. (2005). In Vivo Evaluation of Three Biomarkers in the Mosquitofish (*Gambusia yucatana*) Exposed to Pesticides. *Chemosphere* 58: 627-636.
- EcoReference No.: 80447
Chemical of Concern: GYP,CPY,CBF; Habitat: A; Effect Codes: MOR,PHY,ACC; Rejection Code: LITE EVAL CODED(CPY,GYP),OK(CBF).
461. Renz, M. J. and DiTomaso, J. M. (2006). Early Season Mowing Improves the Effectiveness of Chlorsulfuron and Glyphosate for Control of Perennial Pepperweed (*Lepidium latifolium*). *Weed Technol.* 20: 32-36.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
462. Renz, M. J. and DiTomaso, J. M. (2004). Mechanism for the Enhanced Effect of Mowing Followed by Glyphosate Application to Resprouts of Perennial Pepperweed (*Lepidium latifolium*). *Weed Sci.* 52: 14-23.

Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
463. Reynolds, P. E., King, K., Whitehead, R., and Mckay, T. S. (1986). One-Year Results for A Coastal British Columbia Glyphosate Conifer Release Trial. *P W S Wd S* 39: 107-117.

EcoReference No.: 31055
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
464. Riechers, D. E., Wax, L. M., Liebl, R. A., and Bullock, D. G. (1995). Surfactant Effects on Glyphosate Efficacy. *Weed Technol.* 9: 281-285.

Chemical of Concern: ETO,GYP; Habitat: T; Rejection Code: TARGET(GYP).
465. Ritchie, D. C., Harestad, A. S., and Archibald, R. (1987). Glyphosate Treatment and Deer Mice in Clearcut and Forest. *Northwest Sci.* 61: 199-202.

EcoReference No.: 71474
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
466. Roberts, R. K., Pendergrass, R., and Hayes, R. M. (1999). Economic Analysis of Alternative Herbicide Regimes on Roundup Ready Soybeans. *J.Prod.Agric.* 12: 449-454.

EcoReference No.: 63585
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
467. Roberts, R. O. and Berk, S. G. (1993). Effect of Copper, Herbicides, and a Mixed Effluent of Chemoattraction of *Tetrahymena pyriformis*. *Environ.Toxicol.Water Qual.* 8: 73-85.

- EcoReference No.: 60864
Chemical of Concern: 24D,CuS,GYPI,Cd; Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: LITE EVAL CODED(24D,GYPI),OK(CuS).
468. Roshon, R. D. (1997). A Toxicity Test for the Effects of Chemicals on the Non-Target Submersed Aquatic Macrophyte, *Myriophyllum sibiricum komarov*. *Ph.D.Thesis, Univ.of Guelph, Canada* 464 p.
- EcoReference No.: 74985
Chemical of Concern:
Pi,ZnCl₂,TPR,24D,ATZ,DQTBr,FDE,GYP,HXZ,MTL,GYPA,GYPI,BNZ,ETHN,MOL; Habitat: A; Effect Codes: GRO,BCM,CEL; Rejection Code: LITE EVAL CODED(MTL,ATZ,HXZ,24D,GYP,GYPI).
469. Rotteveel, A. J. W. and Naber, H. (1994). Spot-Treatments for Yellow Nutsedge (*Cyperus esculentus*) Control. *Meded.Fac.Landbouwwet.Univ.Gent* 59: 1261-1264.
- EcoReference No.: 73415
Chemical of Concern: MTL,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE,CONTROL(MTL,TARGET-MTL),TARGET(GYP).
470. Rout, D. and Satapathy, M. R. (1998). Chemical Weed Control in Rainfed Cotton (*Gossypium hirsutum*). *Indian J.Agron.* 43: 348-350.
- EcoReference No.: 73972
Chemical of Concern: MTL,ANL,PDM,BTC,GYP,OXF; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(MTL),TARGET(GYP,OXF).
471. Rubin, J. L., Gaines, C. G., and Jensen, R. A. (1982). Enzymological Basis for Herbicidal Action of Glyphosate . *Plant Physiol.* 70: 833-839.
- EcoReference No.: 25693
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: TARGET(GYP).
472. Runciman, J. B. and Sullivan, T. P. (1996). Influence of Alternative Conifer Release Treatments on Habitat Structure and Small Mammal Populations in South Central British Columbia. *Can.J.For.Res.* 26: 2023-2034.
- EcoReference No.: 97004
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,REP,GRO,MOR; Rejection Code: LITE EVAL CODED(GYPI).
473. Rush, C. M. and Gerik, T. J. (1989). Relationship Between Postharvest Management of Grain Sorghum and *Phymatotrichum* Root Rot in the Subsequent Cotton Crop. *Plant Dis.* 73: 304-305.
- EcoReference No.: 96965
Chemical of Concern: GYPI; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(GYPI).
474. Ryerse, S., Downer, R. A., Sammons, R. D., and Feng, P. C. C. (2004). Effect of Glyphosate Spray Droplets on Leaf Cytology in Velvetleaf (*Abutilon theophrasti*). *Weed Sci.* 52: 302-309.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
475. Saenz, M. E., Di Marzio, W. D., Alberdi, J. L., and Carmen Tortorelli, M. (1997). Effects of Technical Grade and a Commercial Formulation of Glyphosate on Algal Population Growth. *Bull.Environ.Contam.Toxicol.* 59: 638-644.

- EcoReference No.: 18456
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,POP; Rejection Code: LITE EVAL CODED(GYP).
476. Salisbury, C. D., Chandler, J. M., and Merkle, M. G. (1991). Ammonium Sulphate Enhancement of Glyphosate and SC-0224 Control of Johnsongrass (*Sorghum halepense*). *Weed Technol.* 5: 18-21.
- EcoReference No.: 70992
Chemical of Concern: NH,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
477. Sanderson, M. A., Schnabel, R. R., Curran, W. S., Stout, W. L., Genito, D., and Tracy, B. F. (2004). Switchgrass and Big Bluestem Hay, Biomass, and Seed Yield Response to Fire and Glyphosate Treatment. *Agron.J.* 96: 1688-1692.
- EcoReference No.: 82181
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,REP; Rejection Code: TARGET(GYP).
478. Sanogo, S., Yang, X. B., and Scherm, H. (2000). Effects of Herbicides on *Fusarium solani* f. sp. *glycines* and Development of Sudden Death Syndrome in Glyphosate-Tolerant Soybean. *Phytopathology* 90: 57-66.
- EcoReference No.: 66674
Chemical of Concern: LCF,GYPI,IZT; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(GYPI),OK(LCF).
479. Santillo, D. J. (1994). Observations on Moose, *Alces alces*, Habitat and Use on Herbicide-Treated Clearcuts in Maine. *Can.Field-Nat.* 108: 22-25.
- EcoReference No.: 96945
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH; Rejection Code: TARGET(GYP).
480. Santillo, D. J., Leslie, D. M. Jr., and Brown, P. W. (1989). Responses of Small Mammals and Habitat to Glyphosate Application on Clearcuts. *J.Wildl.Manag.* 53: 164-172.
- EcoReference No.: 97110
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYPI).
481. Santos, B. M., Gilreath, J. P., Esmel, C. E., and Siham, M. N. (2007). Effects of Sublethal Glyphosate Rates on Fresh Market Tomato. *Crop Prot.* 26: 89-91.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
482. 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,GYP).
483. 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,24DXY,GYP).
484. Sawchuk, J. W., Van Acker, R. C., and Friesen, L. F. (2006). Influence of a Range of Dosages of MCPA, Glyphosate, and Thifensulfuron: Tribenuron (2:1) on Conventional Canola (*Brassica napus*) and White Bean (*Phaseolus vulgaris*) Growth and Yield. *Weed Technol.* 20: 184-197.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
485. Schaffer, J. D. and Sebetich, M. J. (2004). Effects of Aquatic Herbicides on Primary Productivity of Phytoplankton in the Laboratory. *Bull. Environ. Contam. Toxicol.* 72: 1032-1037.
EcoReference No.: 75182
Chemical of Concern: GYP,CuS,DQTBr; Habitat: A; Effect Codes: SYS; Rejection Code: LITE EVAL CODED(CuS,GYP).
486. Schilling, B. S., Harker, K. N., and King, J. R. (2006). Glyphosate can Reduce Glyphosate-Resistant Canola Growth After Individual or Sequential Applications. *Weed Technol.* 20: 825-830.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
487. Schooler, S. S., Yeates, A. G., Wilson, J. R. U., and Julien, M. H. (2007). Herbivory, Mowing, and Herbicides Differently Affect Production and Nutrient Allocation of *Alternanthera philoxeroides*. *Aquat. Bot.* 86: 62-68.
EcoReference No.: 97712
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,POP,BCM; Rejection Code: LITE EVAL CODED(GYP).
488. 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:
PAQT,ACF,ATZ,DU,FMU,NFZ,IMQ,DFP,HFP,CLT,BMN,DBN,DFQ,EDT,FDE,GYP,Cu,SMU,IXB ,EDT,SXD; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ATZ,SXD,DU,GYP,npz,IXB).
489. Schubert, O. E., Spittler, T. D., and Marafioti, R. (1982). Glyphosate Residues in Raspberries Following Preplant and Directed Postplant Treatments. *Proc. W. Va. Acad. Sci.* 54: 39-44.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
490. Schuster, C. L., Shoup, D. E., and Al-Khatib, K. (2007). Response of Common Lambsquarters (*Chenopodium album*) to Glyphosate as Affected by Growth Stage. *Weed Sci.* 55: 147-151.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET (GYP).
491. Schuytema, G. S., Nebeker, A. V., and Griffis, W. L. (1994). Effects of Dietary Exposure to Forest Pesticides on the Brown Garden Snail *Helix aspersa* Muller. *Arch. Environ. Contam. Toxicol.* 26: 23-28.
EcoReference No.: 54011
Chemical of Concern: ACP,ATZ,GYP,HXZ,PCL,CBL,FNT,MP,PAQT,TCF,AZ; Habitat: T; Effect Codes: GRO,BEH,ACC,MOR; Rejection Code: LITE EVAL CODED(HXZ,MP,CBL,AZ,ACP,GYP),NO ENDPOINT(ATZ),OK(FNT,PCL,PAQT,TCF).

492. Scroggs, D. M., Miller, D. K., Griffin, J. L., Geaghan, J. P., Vidrine, P. R., and Stewart, A. M. (2005). Glyphosate Efficacy on Selected Weed Species is Unaffected by Chemical Coapplication . *Weed Technol.* 19: 1012-1016.
Chemical of Concern: DMT,GYP; Habitat: T; Rejection Code: TARGET(GYP).
493. Scursoni, J., Forcella, F., Gunsolus, J., Owen, M., Oliver, R., Smeda, R., and Vidrine, R. (2006). Weed Diversity and Soybean Yield with Glyphosate Management Along a North-South Transect in the United States. *Weed Sci.* 54: 713-719 .
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
494. Sellmer, J. C., Bates, R. M., Harpster, T. L., Despot, D., and Kuhns, L. J. (2003). Efficacy of Fall Applied Herbicides in Pot-in-Pot Nursery Tree Production. *Horttechnology* 13: 729-730.
EcoReference No.: 81974
Chemical of Concern: GYP,SZ,FMX; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(SZ,GYP).
495. Shaner, D. L., Westra, P., and Nissen, S. (2006). AMADS Increases the Efficacy of Glyphosate Formulations on Corn. *Weed Technol.* 20: 179-183.
EcoReference No.: 96889
Chemical of Concern: GYPI,GYPK,SAMA; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(SAMA),TARGET(GYPI,GYPK).
496. Sharma, U., Adey, E. A., and Pfender, W. F. (1989). Effect of Glyphosate Herbicide on Pseudothecia Formation by Pyrenophora tritici-repentis in Infested Wheat Straw. *Plant Dis.* 73: 647-650.
EcoReference No.: 97140
Chemical of Concern: BMN,GYPI,24D,PAQT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI),OK(24D).
497. Shaw, D. R. and Arnold, J. C. (2002). Weed Control from Herbicide Combinations with Glyphosate. *Weed Technol.* 16: 1-6.
EcoReference No.: 62964
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
498. Sheppard, B. W., Richards, M. C., and Pascal, J. A. (1984). Agronomic Effect from the Control of Agropyron repens in Barley by Pre-harvest Application of Glyphosate. *Weed Res.* 24: 9-16.
EcoReference No.: 32248
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
499. Shilling, D. G., Haller, W. T., Willard, T. R., and Mossler, M. A. (1990). Influence of Surfactants and Additives on Phytotoxicity of Glyphosate to Torpedograss. *J.Aquat.Pant Manag.* 28: 23-27.
EcoReference No.: 97601
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
500. Sigueira, W. J. and Gerlak, S. F. (1977). Efeito do Doses do Herbicida Glifosate No Controle do Tirica (*Cyperus Rotundi* L.) Na Cultura do Cofe. *O Solo* 69: 53-57.
EcoReference No.: 26485
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).

501. Simarmata, M., Kaufmann, J. E., and Penner, D. (2003). Potential Basis of Glyphosate Resistance in California Rigid Ryegrass (*Lolium rigidum*). *Weed Sci.* 51: 678-682.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
502. Singh, B. K. and Shaner, D. L. (1998). Rapid Determination of Glyphosate Injury to Plants and Identification of Glyphosate-Resistant Plants. *Weed Technol.* 12: 527-530.
EcoReference No.: 72891
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: TARGET(GYP).
503. Singh, S. and Gill, M. S. (1996). Evapo-Transpiration Loss of Water Hyacinth (*Eichhornia crassipes*) and Chemical Control of Weed. *Indian J.Agric.Sci.* 66: 487-489.
EcoReference No.: 97704
Chemical of Concern: 24D,PAQT,GYP; Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: LITE EVAL CODED(GYP),OK(24D).
504. Smith, B. E., Langeland, K. A., and Hanlon, C. G. (1999). Influence of Foliar Exposure, Adjuvants, and Rain-Free Period on the Efficacy of Glyphosate for Torpedograss Control. *J.Aquat.Plant Manag.* 37: 13-16.
EcoReference No.: 97602
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYPI).
505. Smith, E. M. and Treaster, S. A. (1978). Phytotoxicity of the Herbicide Glyphosate on Landscape Plants. *Ohio Agric.Res.Dev.Res.Circ.* 236: 53-55.
EcoReference No.: 26429
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: TARGET(GYP).
506. Smith, G. R. (2001). Effects of Acute Exposure to a Commercial Formulation of Glyphosate on the Tadpoles of Two Species of Anurans. *Bull.Environ.Contam.Toxicol.* 67: 483-488.
EcoReference No.: 61464
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(GYPI).
507. Soltani, N., Shropshire, C., and Sikkema, P. H. (2006). Control of Volunteer Glyphosate-Tolerant Maize (*Zea mays*) in Glyphosate-Tolerant Soybean (*Glycine max*). *Crop Prot.* 25: 178-181.
Chemical of Concern: FNP,GYP; Habitat: T; Rejection Code: TARGET (FNP,GYP).
508. Sparling, D. W., Matson, C., Bickham, J., and Doelling-Brown, P. (2006). Toxicity of Glyphosate as Glypro and LI700 to Red-Eared Slider (*Trachemys scripta elegans*) Embryos and Early Hatchlings. *Environ.Toxicol.Chem.* 25: 2768-2774.
EcoReference No.: 97711
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH,GRO,MOR,CEL,REP; Rejection Code: LITE EVAL CODED(GYP).
509. Sprankle, P., Meggitt, W. F., and Penner, D. (1975). Absorption, Action, and Translocation of Glyphosate. *Weed Sci.* 23: 235-240.
EcoReference No.: 26049
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).

510. Spurgeon, D. W. and Mueller, A. J. (1991). Temporal Effects of Threecornered Alfalfa Hopper (Homoptera: Membracidae) Girdling on Translocation in Soybean. *J.Econ.Entomol.* 84: 1203-1207.
EcoReference No.: 97065
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: TARGET(GYPI).
511. St.Laurent, D., Blaise, C., MacQuarrie, P., Scroggins, R., and Trottier, B. (1992). Comparative Assessment of Herbicide Phytotoxicity to *Selenastrum capricornutum* Using Microplate and Flask Bioassay Procedures. *Environ.Toxicol.Water Qual.* 7: 35-48.
EcoReference No.: 45196
Chemical of Concern: Cu,HXZ,MTL,GYP,24DXY,BMN,Zn,CZE,DQTBr,PL; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(GYP,24DXY,MTL,HXZ).
512. Starke, R. J. (1998). Interaction of Glyphosate and Gulfosinate with Postemergence Soybean Herbicides. *Ph.D.Thesis, Univ.of Arkansas, AK* 183 p.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
513. Starke, R. J. and Oliver, L. R. (1998). Interaction of Glyphosate with Chlorimuron, Fomesafen, Imazethapyr, and Sulfentrazone. *Weed Sci.* 46: 652-660 .
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
514. Steadman, K. J., Eaton, D. M., Plummer, J. A., Ferris, D. G., and Powles, S. B. (2006). Late-Season Non-Selective Herbicide Application Reduces *Lolium rigidum* Seed Numbers, Seed Viability, and Seedling Fitness. *Aust.J.Agric.Res.* 57: 133-141.
EcoReference No.: 87597
Chemical of Concern: DFPM,PAQT,GYP; Habitat: T; Effect Codes: REP,GRO,MOR; Rejection Code: TARGET(GYP).
515. Stephenson IV, D. O., Oliver, L. R., and Bond, J. A. (2007). Response of Pitted Morningglory (*Ipomoea lacunosa*) Accessions to Chlorimuron, Fomesafen, and Glyphosate. *Weed Technol.* 21: 179-185.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
516. Stephenson IV, D. O., Patterson, M. G., Faircloth, W. H., and Lunsford, J. N. (2004). Weed management with Fomesafen Preemergence in Glyphosate-Resistant Cotton. *Weed Technol.* 18: 680-686.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
517. Stevens, P. J. G., Baker, E. A., and Anderson, N. H. (1988). Factors Affecting the Foliar Absorption and Redistribution of Pesticides. 2. Physicochemical Properties of the Active Ingredient and the Role of Surfactant. *Pestic.Sci.* 24: 31-53.
EcoReference No.: 72014
Chemical of Concern: GYP,CBL,24DXY,FRM; Habitat: T; Effect Codes: ACC; Rejection Code: TARGET(CBL,24DXY,GYP).
518. Stocker, R. K. and Sanders, D. R. Sr. (1997). Control of Melaleuca Seedlings and Trees by Herbicides. *J.Aquat.Plant Manag.* 35: 55-59.
EcoReference No.: 92243

- Chemical of Concern: BMC,HXZ,TET,GYP,DMB,24DXY; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: TARGET(BMC,HXZ,GYP),NO MIXTURE(DMB,24DXY).
519. Stratton, G. W. and Stewart, K. E. (1992). Glyphosate Effects on Microbial Biomass in a Coniferous Forest Soil. *Environ.Toxicol.Water Qual.* 7: 223-236.
EcoReference No.: 97116
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
520. Sullivan, D. S., Sullivan, T. P., and Bisalputra, T. (1981). Effects of Roundup Herbicide on Diatom Populations in the Aquatic Environment of a Coastal Forest. *Bull.Environ.Contam.Toxicol.* 26 : 91-96.
EcoReference No.: 6383
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
521. Sullivan, T. P. (1990). Influence of Forest Herbicide on Deer Mouse and Oregon Vole Population Dynamics. *J.Wildl.Manag.* 54: 566-576.
EcoReference No.: 70347
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,MOR,REP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
522. Sullivan, T. P., Nowotny, C., Lautenschlager, R. A., and Wagner, R. G. (1998). Silvicultural Use of Herbicide in Sub-Boreal Spruce Forest: Implications for Small Mammal Population Dynamics. *J.Wildl.Manag.* 62: 1196-1206.
EcoReference No.: 96941
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO,REP,MOR; Rejection Code: LITE EVAL CODED(GYP).
523. Sullivan, T. P. and Sullivan, D. S. (1981). Responses of a Deer Mouse Population to a Forest Herbicide Application: Reproduction, Growth, and Survival. *Can.J.Zool.* 59: 1148-1154.
EcoReference No.: 39005
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,POP,REP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
524. Sullivan, T. P., Sullivan, D. S., Hogue, E. J., Lautenschlager, R. A., and Wagner, R. G. (1998). Population Dynamics of Small Mammals in Relation to Vegetation Management in Orchard Agroecosystems: Compensatory Responses in Abundance and Biomass. *Crop Prot.* 17: 1-11.
EcoReference No.: 97135
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(GYPI).
525. Sullivan, T. P., Sullivan, D. S., Lautenschlager, R. A., and Wagner, R. G. (1997). Long-Term Influence of Glyphosate Herbicide on Demography and Diversity of Small Mammal Communities in Coastal Coniferous Forest. *Northwest Sci.* 71: 6-17.
EcoReference No.: 97114
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,MOR,GRO,REP; Rejection Code: LITE EVAL CODED(GYPI).
526. Sullivan, T. P., Sullivan, D. S., Lindgren, P. M. F., and Boateng, J. O. (2002). Influence of Conventional and Chemical Thinning on Stand Structure and Diversity of Plant and Mammal

- Communities in Young Lodgepole Pine Forest. *For.Ecol.Manag.* 170: 173-187.
EcoReference No.: 97134
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYPI).
527. Sullivan, T. P., Wagner, R. G., Pitt, D. G., Lautenschlager, R. A., and Chen, D. G. (1998). Changes in Diversity of Plant and Small Mammal Communities After Herbicide Application in Sub-Boreal Spruce Forest. *Can.J.For.Res.* 28: 168-177 .
EcoReference No.: 96991
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
528. Sundaram, A., Leung, J. W., Webster, G. R. B., Nott, R., Curry, J., and Sloane, L. (1996). Effect of Glycerol on Spreading and Drying of Vision Droplets Containing Silwet L-77: Relevance to Rainfastness and Herbicidal Activity of Glyphosate on Trembling Aspen (*Populus tremuloides* Michx.). *J.Environ.Sci.Health Part B* 31: 901-912.
EcoReference No.: 87081
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,MOR; Rejection Code: NO COC(PYPG),TARGET(GYP).
529. Sundaram, A. and Sundaram, K. M. S. (1997). Solubility Products of Six Metal-Glyphosate Complexes in Water and Forestry Soils, and Their Influence on Glyphosate Toxicity to Plants. *J.Environ.Sci.Health Part B* 32: 583-598.
EcoReference No.: 54609
Chemical of Concern: GYP,Fe,Zn,Cu; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
530. Sutton, R. F. (1984). Plantation Establishment in the Boreal Forest: Glyphosate, Hexazinone, and Manual Weed Control. *For.Cron.* 60: 283-287.
EcoReference No.: 31942
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(HXZ,GYP).
531. Swanton, C. J., Shrestha, A., Chandler, K., and Deen, W. (2000). An Economic Assessment of Weed Control Strategies in No-Till Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 14: 755-763.
EcoReference No.: 59682
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
532. Talbert, R. E., Johnson, D. H., Wichert, R. A., and Kendig, J. A. (1987). Field Evaluations of Herbicides on Small Fruit and Vegetable Crops, 1987. *Ark.Agric.Exp.Stn.Res.Ser.* 1-25.
EcoReference No.: 73744
Chemical of Concern:
HXZ,GYP,OXF,ACF,OYZ,SZ,CYC,PHMD,DEE,MBZ,DMM,ACR,BS,NPM,NPP,EFL,FZP,IMQ,C MZ,IZT,FZFPB,MTL,SXD,FSF,EPTC,TFN,BT,PAQT,TRB; Habitat: T; Effect Codes: POP;
Rejection Code: NO MIXTURE(SXD,PHMD),OK(ALL CHEMS),TARGET(CMZ,OYZ,FSF,HXZ,MYL,SZ,BS,GYP,OXF,EPTC).
533. Talbert, R. E., Tierney, M. J., Burgos, N. R., Strebe, T. A., Curless, J. K., and Miesner, J. (1996). Field

Evaluations of Herbicides on Small Fruit Vegetable and Ornamental Crops 1995.
Ark.Agric.Exp.Stn.Res.Ser. 452: 1-38.

EcoReference No.: 73745

Chemical of Concern:

MTL,MBZ,DMM,BT,24DXY,EPTC,GYP,OYZ,DU,TPZ,OXF,ACF,TFN,CYC,CMZ,FTS,FZF,IZT,F
SF,CPR,DCPA,HSF,PRM,SXD,CPP,NPP,DDP,ACO,GFSNH,PAQT,PHMD; Habitat: T; Effect
Codes: PHY,POP; Rejection Code: LITE EVAL
CODED(SXD,PHMD),TARGET(MTL,24DXY,CMZ,OYZ,FSF,GYP,OXF,EPTC).

534. Talbert, R. E., Tierney, M. J., Burgos, N. R., Strebe, T. A., and Kitt, M. J. (1995). Field Evaluation of Herbicides on Small Fruit, Vegetable and Ornamental Crops, 1994. *Ark.Agric.Exp.Stn.Res.Ser.* 447: 1-54.

EcoReference No.: 73916

Chemical of Concern:

MTL,BT,CPP,CLT,CMZ,CPR,CYC,DCPA,DDP,PHMD,DEE,DMM,DU,EPTC,EFL,FZP,FTS,FSF,G
FS,GYP,IZT,MLX,Cu,MBZ,NPP,OYZ,PAQT,PMD,PHMD,QNC,SXD,SFZ,TPZ,TPR,TFN,24DXY;
Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(MTL,PHMD),NO
MIXTURE(SXD),OK(ALL CHEMS),TARGET(24DXY,CMZ,OYZ,FSF,GYP,EPTC).

535. 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,24DXY,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),TARGET(DMB,PYZ,ATZ,GYP,OXF).

536. Tan, W. Z., Li, Q. J., and Qing, L. (2002). Biological Control of Alligatorweed (*Alternanthera philoxeroides*) with a Fusarium sp. *Biocontrol* 47: 463-479.

EcoReference No.: 97743

Chemical of Concern: PAQT,GYP; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE
EVAL CODED(GYP).

537. Tanguy, A., Boutet, I., LaRoche, J., and Moraga, D. (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.

EcoReference No.: 97333

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

538. 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,DU,GYP; Habitat: A; Effect Codes: CEL; Rejection Code: LITE
EVAL CODED(GYP),NO MIXTURE(ATZ,DU).

539. Tharp, B. E. and Kells, J. J. (1999). Influence of Herbicide Application Rate, Timing, and Interrow Cultivation on Weed Control and Corn (*Zea mays*) Yield in Glufosinate-Resistant and Glyphosate-Resistant Corn. *Weed Technol.* 13: 807-813.

EcoReference No.: 63509

- Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
540. Tharp, B. E. and Kells, J. J. (2002). Residual Herbicides Used in Combination with Glyphosate and Glufosinate in Maize (*Zea mays*). *Weed Technol.* 16: 274-281.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
541. Thomas, W. E., Pline-Srnic, W. A., Thomas, J. F., Edmisten, K. L., Wells, R., and Wilcut, J. W. (2004). Glyphosate Negatively Affects Pollen Viability but not Pollination and Seed Set in Glyphosate-Resistant Corn. *Weed Sci.* 52: 725-734.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
542. Thompson, D. G., Wojtaszek, B. F., Staznik, B., Chartrand, D. T., and Stephenson, G. R. (2004). Chemical and Biomonitoring to Assess Potential Acute Effects of Vision Herbicide on Native Amphibian Larvae in Forest Wetlands. *Environ. Toxicol. Chem.* 23: 843-849.
EcoReference No.: 72797
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP).
543. Tierney, K. B., Singh, C. R., Ross, P. S., and Kennedy, C. J. (2007). Relating Olfactory Neurotoxicity to Altered Olfactory-Mediated Behaviors in Rainbow Trout Exposed to Three Currently-Used Pesticides. *Aquat. Toxicol.* 81: 55-64.
EcoReference No.: 89625
Chemical of Concern: ATZ,IPB,GYPI; Habitat: A; Effect Codes: BEH,PHY; Rejection Code: LITE EVAL CODED(ATZ,GYPI),OK(IPB).
544. Toubia-Rahme, H., Ali-Haimoud, D. E., Barrault, G., and Albertini, L. (1995). Inhibition of Drechslera teres Sclerotoid Formation in Barley Straw by Application of Glyphosate or Paraquat. *Plant Dis.* 79: 595-598.
EcoReference No.: 96996
Chemical of Concern: PAQT,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(GYP).
545. Tsui, M. T. K. and Chu, L. M. (2004). Comparative Toxicity of Glyphosate-Based Herbicides: Aqueous and Sediment Porewater Exposures. *Arch. Environ. Contam. Toxicol.* 46: 316-323.
EcoReference No.: 74234
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYP).
546. Tsui, M. T. K., Wang, W. X., and Chu, L. M. (2005). Influence of Glyphosate and Its Formulation (Roundup) on the Toxicity and Bioavailability of Metals to Ceriodaphnia dubia. *Environ. Pollut.* 138: 59-68.
EcoReference No.: 87704
Chemical of Concern: GYPI,PbCl,Cr,Cu,GYP,ZnCl₂,Se,NiCl,Hg,CdCl,AgN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(GYPI).
547. Tuffi Santos, L. D., Meira, R. M. S. A., Ferreira, F. A., Sant'Anna-Santos, B. F., and Ferreira, L. R. (2007). Morphological Responses of Different Eucalypt Clones Submitted to Glyphosate Drift. *Environ. Exp. Bot.* 59: 11-20.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).

548. 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: LITE EVAL CODED(GYP,24DXY,ATZ,SZ,CuCl,OW-TRV-Cu).
549. Turner, D. J. (1985). The Effects of Kaolin and Other Adjuvants on the Activity of the Herbicide Glyphosate in Glasshouse Trials. *Tests Agrochem.Cultiv.* 6: 104-105.
EcoReference No.: 31252
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
550. Vainio, H., Linnainmaa, K., Kahonen, M., Nickels, J., Hietanen, E., Marniemi, J., and Peltonen, P. (1983). Hypolipidemia and Peroxisome Proliferation Induced by Phenoxyacetic Acid Herbicides in Rats. *Biochem.Pharmacol.* 32: 2775-2779.
EcoReference No.: 93402
Chemical of Concern: GYP,24D,MCPA; Habitat: T; Effect Codes: BCM,CEL,GRO; Rejection Code: LITE EVAL CODED(24D,GYP).
551. Van Gessel, M. J., Ayeni, A. O., and Majek, B. A. (2001). Glyphosate in Full-Season No-Till Glyphosate-Resistant Soybean: Role of Preplant Applications and Residual Herbicides. *Weed Technol.* 15: 714-724.
EcoReference No.: 66981
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
552. Van Gessell, M. J., Ayeni, A. O., and Majek, B. A. (2001). Glyphosate in Double-Crop No-Till Glyphosate-Resistant Soybean: Role of Preplant Applications and Residual Herbicides. *Weed Technol.* 15: 703-713.
EcoReference No.: 66980
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
553. Van Toor, R. F., Hayes, A. L., Cooke, B. K., and Holloway, P. J. (1994). Relationships Between the Herbicidal Activity and Foliar Uptake of Surfactant-Containing Solutions of Glyphosate Applied to Foliage of Oats and Field Beans. *Crop Prot.* 13: 260-270.
Chemical of Concern: ETO,GYP; Habitat: T; Rejection Code: TARGET(GYP).
554. VanGessel, M. J., Ayeni, A. O., and Majek, B. A. (2000). Optimum Glyphosate Timing with or Without Residual Herbicides in Glyphosate-Resistant Soybean (*Glycine max*) Under Full-Season Conventional Tillage. *Weed Technol.* 14: 140-149 .
EcoReference No.: 59707
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
555. Vanninen, I. and Hokkanen, H. (1988). Effect of Pesticides on Four Species of Entomopathogenic Fungi In Vitro. *Ann.Agric.Fenn.* 27: 345-353.
EcoReference No.: 71212
Chemical of Concern:
PIM,CYP,GYPI,DMT,MCPA,OML,BMY,SZ,DZ,PCZ,TFN,THM,VCZ,MZB,MLX; Habitat: T;
Effect Codes: POP; Rejection Code: LITE EVAL
CODED(DZ,SZ,DMT,GYPI,OML),OK(CYP,THM),NO MIXTURE(MZB).

556. Viator, R. P., Jost, P. H., Senseman, S. A., and Cothren, J. T. (2004). Effect of Glyphosate Application Timings and Methods on Glyphosate-Resistant Cotton. *Weed Sci.* 52: 147-151.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
557. Vizantinopoulos, S. (1990). Influence of the Cationic Surfactant Ethylan TT-15 on the Phytotoxicity of Glyphosate Formulations. *Zizaniology* 2: 183-189.
EcoReference No.: 70788
Chemical of Concern: SZ,GYP; Habitat: T; Rejection Code: NO MIXTURE(SZ),TARGET(GYP).
558. Voth, R. D. and Downs, J. P. (1984). Weed Control in Dormant Turf Grass with Glyphosate. *P So Wd S S* 37: 15-19.
EcoReference No.: 31774
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
559. Vreeland, J. K., Servello, F. A., and Griffith, B. (1998). Effects of Conifer Release with Glyphosate on Summer Forage Abundance for Deer in Maine. *Can.J.For.Res.* 28: 1574-1578.
EcoReference No.: 97085
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
560. Vythilingam, I. and Chua, T. H. (1982). The Effects of Herbicides on Soil Collembola in Oil Palm Estates. *Trop.Ecol.* 23: 165-172.
EcoReference No.: 97546
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYPI).
561. Wagner, R., Kogan, M., and Parada, A. M. (2003). Phytotoxic Activity of Root Absorbed Glyphosate in Corn Seedlings (*Zea mays* L.). *Weed Biol.Manag.* 3: 228-232.
EcoReference No.: 82067
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(GYP).
562. Wakelin, A. M., Lorraine-Colwill, D. F., and Preston, C. (2004). Glyphosate Resistance in Four Different Populations of *Lolium rigidum* is Associated with Reduced Translocation of Glyphosate to Meristematic Zones. *Weed Res.* 44: 453-459.
EcoReference No.: 97201
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(GYPI).
563. Wakelin, A. M. and Preston, C. (2006). A Target-Site Mutation is Present in a Glyphosate-Resistant *Lolium rigidum* Population. *Weed Res.* 46: 432-440 .
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
564. Wallace, R. W. and Bellinder, R. R. (1995). Glyphosate Absorption and Translocation in Rust-Infected Quackgrass (*Elytrigia repens*). *Weed Sci.* 43: 1-6 .
EcoReference No.: 97084
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,ACC; Rejection Code: TARGET(GYPI).

565. Wan, M. T. and Rahe, J. E. (1998). Impact of Azadirachtin on Glomus intraradices and Vesicular-Arbuscular Mycorrhiza in Root Inducing Transferred DNA Transformed Roots of *Daucus carota*. *Environ.Toxicol.Chem.* 17: 2041-2050.
EcoReference No.: 55368
Chemical of Concern: BMY,CTN,CuS,DMT,GYP,AZD,AMPA; Habitat: T; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(AZD,CuS,AMPA,GYP),NO CROP(CTN,DMT).
566. Wan, M. T., Rahe, J. E., and Watts, R. G. (1998). A New Technique for Determining the Sublethal Toxicity of Pesticides to the Vesicular-Arbuscular Mycorrhizal Fungus *Glomus intraradices*. *Environ.Toxicol.Chem.* 17: 1421-1428.
EcoReference No.: 55367
Chemical of Concern: CTN,BMY,CuS,DMT,GYP,AMPA; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(DMT,AMPA,GYP),TARGET(CTN).
567. Wang, C. Y. (2001). Effect of Glyphosate on Aromatic Amino Acid Metabolism in Purple Nutsedge (*Cyperus rotundus*). *Weed Technol.* 15: 628-635.
EcoReference No.: 66996
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(GYP).
568. Wardle, D. A. and Parkinson, D. (1992). The Influence of the Herbicide Glyphosate on Interspecific Interactions Between Four Soil Fungal Species. *Mycol.Res.* 96: 180-186.
EcoReference No.: 96999
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
569. Wardle, D. A. and Parkinson, D. (1990). Influence of the Herbicide Glyphosate on Soil Microbial Community Structure. *Plant Soil* 122: 29-37.
EcoReference No.: 97083
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(GYP).
570. Washburn, B. E. and Barnes, T. G. (2000). Postemergence Tall Fescue (*Festuca arundinacea*) Control at Different Growth Stages with Glyphosate and AC 263,222. *Weed Technol.* 14: 223-230.
EcoReference No.: 59727
Chemical of Concern: GYP,CBL; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(CBL,GYP).
571. Washburn, B. E., Barnes, T. G., and Sole, J. D. (2000). Improving Northern Bobwhite Habitat by Converting Tall Fescue Fields to Native Warm-Season Grasses. *Wildl.Soc.Bull.* 28: 97-104.
EcoReference No.: 97165
Chemical of Concern: GYPI,IAZ; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
572. Webster, E. P., Bryant, K. J., and Earnest, L. D. (1999). Weed Control and Economics in Nontransgenic and Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 13: 586-593.
EcoReference No.: 64147
Chemical of Concern: GYP,PDM; Habitat: T; Effect Codes: PHY,POP; Rejection Code: TARGET(GYP).

573. Wehtje, G. and Walker, R. H. (1997). Interaction of Glyphosate and 2,4-DB for the Control of Selected Morningglory (*Ipomoea* spp.) Species. *Weed Technol.* 11: 152-156.
EcoReference No.: 72908
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
574. Werbrouck, S. P. O., Redig, P., Van Onckelen, H. A., and Debergh, P. C. (1996). Gibberellins Play a Role in the Interaction Between Imidazole Fungicides and Cytokinins in Araceae. *J. Plant Growth Regul.* 15: 87-93.
EcoReference No.: 96471
Chemical of Concern: ILL,PBZ,GIB,GYP; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: TARGET(PBZ,GYP).
575. Werth, J. A., Preston, C., Roberts, G. N., and Taylor, I. N. (2006). Weed Management Practices in Glyphosate-Tolerant and Conventional Cotton Fields in Australia. *Aust.J.Exp.Agric.* 46: 1177-1183.
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
576. Westra, P. H., Wyse, D. L., and Cook, E. F. (1981). Weevil (*Notaris bimaculatus*) Feeding Reduces Effectiveness of Glyphosate on Quackgrass (*Agropyron repens*). *Weed Sci.* 29: 540-547.
EcoReference No.: 97107
Chemical of Concern: CHD,GYP; Habitat: T; Effect Codes: REP,GRO,POP; Rejection Code: LITE EVAL CODED(GYP,CHD).
577. Westwood, J. H., Yerkes, C. N., DeGennaro, F. P., and Weller, S. C. (1997). Absorption and Translocation of Glyphosate in Tolerant and Susceptible Biotypes of Field Bindweed (*Convolvulus arvensis*). *Weed Sci.* 45: 658-663.
EcoReference No.: 62730
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,PHY,POP; Rejection Code: TARGET(GYP).
578. Whatley, T. L., Sandberg, C. L., and Wu, C. H. (1984). Annual Weed Control on Stale Seedbeds with Glyphosate. *P So Wd S S* 37: 53-56.
EcoReference No.: 31772
Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
579. Whitwell, T., Banks, P., Basler, E., and Santelmann, P. W. (1980). Glyphosate Absorption and Translocation in Bermuda Grass (*Cynodon dactylon*) and Activity in Horsenettle (*Solanum carolinense*). *Weed Sci.* 28: 93-96.
EcoReference No.: 29608
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC,GRO; Rejection Code: TARGET(GYP).
580. Wicks, G. A. (1985). Early Application of Herbicides for No-Till Sorghum (*Sorghum bicolor*) in Wheat (*Triticum aestivum*) Stubble. *Weed Sci.* 33: 713-716.
EcoReference No.: 72068
Chemical of Concern: MTL,GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO MIXTURE(TARGET-MTL),TARGET(GYP).
581. 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,GYP).
582. 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,LNR,GYP).
583. Wiesbrook, M. L., Johnson, W. G., Hart, S. E., Bradley, P. R., and Wax, L. M. (2001). Comparison of Weed Management Systems in Narrow-Row, Glyphosate- and Glufosinate-Resistant Soybean (*Glycine max*). *Weed Technol.* 15: 122-128 .
- EcoReference No.: 66998
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
584. Wiese, A. F., Schoenhals, M. G., Bean, B. W., and Salisbury, C. D. (1997). Effect of Tillage Timing on Herbicide Toxicity to Field Bindweed. *J.Prod.Agric.* 10: 459-461.
- EcoReference No.: 89848
Chemical of Concern: 24DXYBEE,GYPI,DMB,PCLK; Habitat: T; Effect Codes: POP; Rejection Code: NO MIXTURE(PCLK),NO COC(CTN),TARGET(24DXY,GYPI,24DXYBEE,DMB).
585. Wiese, A. F., Wood, M. L., and Chenaulf, E. W. (1988). Weed Control with Glyphosate-2,4-D Mixture. *Proc.South.Weed Sci.Soc.* 41: 104-113.
- Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
586. Wilkins, A. P. and Horne, R. (1991). Wood-Density Variation of Young Plantation-Grown Eucalyptus grandis in Response to Silvicultural Treatments. *For.Ecol.Manag.* 40: 39-50.
- EcoReference No.: 88900
Chemical of Concern: NHS04,SFR,PPZ,GYP,MLN,DEM; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(OXD),NO MIXTURE(MLN,DEM),NUTRIENT(NHS04,SFR),TARGET(GYP).
587. Williams, D. W. and Burrus, P. B. (2004). Conversion of Perennial Ryegrass to Bermudagrass Using Seeded Cultivars, Herbicides, and Plant Growth Regulators. *Hortscience* 39: 398-402.
- EcoReference No.: 82421
Chemical of Concern: GYP,EPH,PBZ,FPD,TXE; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(PBZ,GYP).
588. 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,GYP).
589. Wilson, R. G., Yonts, C. D., and Smith, J. A. (2002). Influence of Glyphosate and Glufosinate on Weed Control and Sugarbeet (*Beta vulgaris*) Yield in Herbicide-Tolerant Sugarbeet. *Weed Technol.* 16: 66-73.

- EcoReference No.: 62972
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).
590. Wojtaszek, B. F. (2004). In Situ Investigation of the Effects of Vision and Release Silvicultural Herbicides on Plankton and Larval Amphibians. *Ph.D.Thesis, Univ.of Guelph, Ontario, Canada* 253 p.
- EcoReference No.: 86275
Chemical of Concern: GYPI,TPR; Habitat: A; Effect Codes: POP,BCM,SYS; Rejection Code: LITE EVAL CODED(GYPI).
591. Wojtaszek, B. F., Staznik, B., Chartrand, D. T., Stephenson, G. R., and Thompson, D. G. (2004). Effects of Vision Herbicide on Mortality, Avoidance Response, and Growth of Amphibian Larvae in Two Forest Wetlands. *Environ.Toxicol.Chem.* 23: 832-842.
- EcoReference No.: 75187
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: LITE EVAL CODED(GYPI).
592. Wong, P. K. (2000). Effects of 2,4-D, Glyphosate and Paraquat on Growth, Photosynthesis and Chlorophyll-a Synthesis of Scenedesmus quadricauda Berb 614. *Chemosphere* 41: 177-182.
- EcoReference No.: 55720
Chemical of Concern: PAQT,GYP,24D; Habitat: A; Effect Codes: POP,BCM,PHY; Rejection Code: LITE EVAL CODED(24D,GYP).
593. Wootton, L. S., Halsey, S. D., Bevaart, K., McGough, A., Ondreicka, J., and Patel, P. (2005). When Invasive Species have Benefits as Well as Costs: Managing Carex kobomugi (Asiatic Sand Sedge) in New Jersey's Coastal Dunes. *Biological Invasions* 7: 1017-1027.
- EcoReference No.: 97098
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYPI).
594. Wyrill III, J. B. and Burnside, O. C. (1976). Absorption, Translocation and Metabolism of 2,4-D and Glyphosate in Common Milkweed and Hemp Dogbane. *Weed Sci.* 24: 557-566.
- EcoReference No.: 30778
Chemical of Concern: GYP,24DXY; Habitat: T; Rejection Code: TARGET(GYP,24DXY).
595. Wyrill III, J. B. and Burnside, O. C. (1977). Glyphosate Toxicity to Common Milkweed and Hemp Dogbane as Influenced by Surfactants. *Weed Sci.* 25: 275-287.
- EcoReference No.: 28305
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(GYP).
596. Wyss, G. S., Charudattan, R., Rosskopf, E. N., and Littell, R. C. (2004). Effects of Selected Pesticides and Adjuvants on Germination and Vegetative Growth of Phomopsis amaranthicola, a Biocontrol Agent for Amaranthus spp. *Weed Res.* 44: 469-482.
- EcoReference No.: 96666
Chemical of Concern:
DCF,EPTC,OXF,PAQT,CLT,TFN,NPM,PDM,AMTR,PRM,NPP,MBZ,IZT,IPD,VCZ,BMY,DMT,M
LN,CYR,LNR,DU,BS,GYPI,MTL,SXD,DCPA,IZP,SZ,ATZ,Maneb,MZB,CuOH,CTN,FSTL;
Habitat: T; Effect Codes: MOR,REP; Rejection Code: LITE EVAL
CODED(LNR,GYPI,OXF,EPTC),OK(ATZ,SZ,IZP,DCPA,SXD,MTL,BS,DU,CYR,MLN,DMT),TAR
GET(FSTL,CTN,CuOH,MZB,Maneb).

597. Xi, Y. L. and Feng, L. K. (2004). Effects of Thiophanate-Methyl and Glyphosate on Asexual and Sexual Reproduction in the Rotifer *Brachionus calyciflorus* Pallas. *Bull. Environ. Contam. Toxicol.* 73: 644-651.
EcoReference No.: 79406
Chemical of Concern: TPM,GYP; Habitat: A; Effect Codes: REP,POP,MOR; Rejection Code: LITE EVAL CODED(GYP).
598. Xie, L., Thrippleton, K., Irwin, M. A., Siemering, G. S., Mekebri, A., Crane, D., Berry, K., and Schlenk, D. (2005). Evaluation of Estrogenic Activities of Aquatic Herbicides and Surfactants Using an Rainbow Trout Vitellogenin Assay. *Toxicol.Sci.* 87: 391-398.
EcoReference No.: 80643
Chemical of Concern: DQTBr,GYP,DMDP,EED,NYP,TPR; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(DMDP,GYP),OK(DQTBr),NO MIXTURE(EED,NYP).
599. Yandoc, C. B., Rosskopf, E. N., Pitelli, R. L. C. M., and Charudattan, R. (2006). Effect of Selected Pesticides on Conidial Germination and Mycelial Growth of *Dactylaria higginsii*, a Potential Bioherbicide for Purple Nutsedge (*Cyperus rotundus*). *Weed Technol.* 20: 255-260.
EcoReference No.: 88572
Chemical of Concern: CYR,DCF,SXD,IZP,FSTAL,CuOH,MLX,TPM,DU,GYP,OXF; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(IZP,GYP,OXF),TARGET(CYR,CuOH,FSTAL),OK(SXD).
600. Yarborough, D. E. and Ismail, A. A. (1979). Effect of Endothall and Glyphosate on a Native Barrenberry and Lowbush Blueberry Stand. *Can.J.Plant Sci.* 59: 737-740.
EcoReference No.: 56969
Chemical of Concern: EDT,GYP; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: TARGET(GYP).
601. Yenish, J. P. and Young, F. L. (2000). Effect of Preharvest Glyphosate Application on Seed and Seedling Quality of Spring Wheat (*Triticum aestivum*). *Weed Technol.* 14: 212-217.
EcoReference No.: 59748
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: TARGET(GYP).
602. York, A. C., Stewart, A. M., Vidrine, P. R., and Culpepper, A. S. (2004). Control of Volunteer Glyphosate-Resistant Cotton in Glyphosate-Resistant Soybean. *Weed Technol.* 18: 532-539.
Chemical of Concern: FSF,GYP; Habitat: T; Rejection Code: TARGET(FSF,GYP).
603. Young, B. G., Knepp, A. W., Wax, L. M., and Hart, S. E. (2003). Glyphosate Translocation in Common Lambsquarters (*Chenopodium album*) and Velvetleaf (*Abutilon theophrasti*) in Response to Ammonium Sulfate. *Weed Sci.* 51: 151-156.
Chemical of Concern: NH,GYP; Habitat: T; Rejection Code: TARGET(GYP).
604. Young, B. G., Young, J. M., Gonzini, L. C., Hart, S. E., Wax, L. M., and Kapusta, G. (2001). Weed Management in Narrow- and Wide-Row Glyphosate-Resistant Soybean (*Glycine max*). *Weed Technol.* 15: 112-121.
EcoReference No.: 67001
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(GYP).

605. Yu, Q., Cairns, A., and Powles, S. B. (2004). Paraquat Resistance in a Population of *Lolium rigidum*. *Funct. Plant Biol.* 31: 247-254.
 EcoReference No.: 82433
 Chemical of Concern: GYP,SMU,SXD,FZF,DFPM,PAQT,ATZ,CSF,DU; Habitat: T; Effect Codes: BCM,ACC,GRO; Rejection Code: TARGET(ATZ,SMU,GYP).
606. Zand, E., Beckie, H. J., Myhre, C. D., and Loeppky, H. A. (2002). Response of Two Canada Thistle (*Cirsium arvense*) Varieties to Herbicides. *Can.J.Plant Sci.* 82: 625-628.
 EcoReference No.: 70948
 Chemical of Concern: 24DXY,DMB,HXZ,BT,BMN,GYP,MCPB; Habitat: T; Effect Codes: GRO; Rejection Code: TARGET(DMB,MCPB,HXZ,24DXY,GYP).
607. Zandstra, B. H. and Nishimoto, R. N. (1977). Movement and Activity of Glyphosate in Purple Nutsedge. *Weed Sci.* 25: 268-274.
 EcoReference No.: 28304
 Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).
608. Zhou, J., Tao, B., Messersmith, C. G., and Nalewaja, J. D. (2007). Glyphosate Efficacy on Velvetleaf (*Abutilon theophrasti*) is Affected by Stress. *Weed Sci.* 55: 240-244.
 Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET (GYP).
609. Ziska, L. H., Faulkner, S., and Lydon, J. (2004). Changes in Biomass and Root: Shoot Ratio of Field-Grown Canada Thistle (*Cirsium arvense*), a Noxious, Invasive Weed, with Elevated CO₂: Implications for Control with Glyphosate. *Weed Sci.* 52: 584-588.
 Chemical of Concern: GYP; Habitat: T; Rejection Code: TARGET(GYP).

Acceptable for ECOTOX but not OPP

1. Aanes, K. J. (1992). Some Pesticides Used in Norwegian Agriculture and Their Environmental Effects on Common Inhabitants in Freshwater Ecosystems. Tolerance Limits - Acute and Chronic Effects . *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,DPP1,ES,MCPA; Habitat: A; Effect Codes: MOR,SYS,BEH,GRO; Rejection Code: NO
 CONTROL(DMT,SZ,MCPA,ES,DPP1,GYP,ATZ,CSF),NO ENDPOINT(PCZ).
2. Abdel-Mallek, A. Y., Abdel-Kader, M. I. A., and Shonkeir, A. M. A. (1994). Effect of Glyphosate on Fungal Population, Respiration and the Decay of Some Organic Matters in Egyptian Soil. *Microbiol.Res.* 149: 69-73.
 EcoReference No.: 97094
 Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO
 ENDPOINT(GYP).
3. Ahrens, J. F. (1980). Effects of Surfactant or Preemergence Herbicides on the Selectivity of Asulam and Glyphosate in Woody Plants. *Proc.Northeast.Weed Sci.Soc.* 34: 330-333.
 EcoReference No.: 44039
 Chemical of Concern: ASM,SZ,GYP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: OK
 TARGET(SZ),NO ENDPOINT,NO CONTROL(GYP).

4. Ailstock, M. S., Norman, C. M., and Bushmann, P. J. (2001). Common Reed Phragmites australis: Control and Effects Upon Biodiversity in Freshwater Nontidal Wetlands. *Restor.Ecol.* 9: 49-59.

EcoReference No.: 97050

Chemical of Concern: GYPI; Habitat: AT; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(GYPI).

5. Aitken, J. B. (1975). Herbicide Combinations for Effective Grass Control in Pecan Orchards. *Proc.South.Weed Sci.Soc.* 28: 167-172.

EcoReference No.: 41591

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

6. Amor, R. L. and Harris, R. V. (1977). Control of Cirsium arvense (L) Scop. by Herbicides and Mowing. *Weed Res.* 17: 303-309.

EcoReference No.: 41770

Chemical of Concern: DPP1,MBZ,24DXY,MCPB,24DB,AMTL,PCL,GYP,DMM; Habitat: T; Effect Codes: POP; Rejection Code: OK(MBZ,24DXY,24DB,AMTL,PCL,DMM),OK TARGET(MCPB),NO ENDPOINT(DPP1),NO ENDPOINT,NO CONTROL(GYP).

7. Ana'yeva, N. D., Strekozov, B. P., and Tyuryukanova, G. K. (1986). Change in the Microbial Biomass of Soils Caused by Pesticides. *Sov.Soil Sci.(Engl.Transl.from Agrokhimiya 5:84-90)* 18: 56-62.

EcoReference No.: 96468

Chemical of Concern: 24D,GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(24D,GYP).

8. 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 TARGET(ATZ,SZ),NO ENDPOINT,NO CONTROL(GYP) .

9. Arnold, C. E. and Aitken, J. B. (1973). Perennial Grass Control in Pecan Orchards. *Proc.South.Weed Sci.Soc.* 26: 231-235.

EcoReference No.: 40761

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

10. Arnold, C. E. and Aldrich, J. H. (1979). Weed Control in Immature Pecan (*Carya illinoensis* Cultivars Elliot and Desirable) and Peach (*Prunus persica* Cultivar June Gold) Plantings. *Weed Sci.* 27: 638-641.

EcoReference No.: 44019

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

11. Asteraki, E. J., Hanks, C. B., and Clements, R. O. (1992). The Impact of the Chemical Removal of the Hedge-Base Flora on the Community Structure of Carabid Beetles (Col., Carabidae) and Spiders (Araneae) of the Field and Hedge Bottom. *J.Appl.Entomol.* 113: 398-406.

EcoReference No.: 96866

Chemical of Concern: TPR,DMB,24D,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYPI,MIXTURE-24D,DMB).

12. Austin, A. P., Harris, G. E., and Lucey, W. P. (1991). Impact of an Organophosphate Herbicide (Glyphosate) on Periphyton Communities Developed in Experimental Streams. *Bull. Environ. Contam. Toxicol.* 47: 29-35.
EcoReference No.: 3608
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
13. Badji, C. A. , Guedes, R. N. C., Silva, A. A., Correa, A. S., Queiroz, M. E. L. R., and Michereff-Filho, M. (2007). Non-Target Impact of Deltamethrin on Soil Arthropods of Maize Fields Under Conventional and No-Tillage Cultivation. *J. Appl. Entomol.* 131: 50-58.
EcoReference No.: 93963
Chemical of Concern: DM,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(24D,GYP).
14. Baird, D. D., Shaulis, H. J., and Waywell, C. G. (1974). Glyphosate for Herbaceous Weed Control in Northeastern Apple Orchards and Vineyards. *Proc.Northeast.Weed Sci.Soc.* 28: 205-212.
EcoReference No.: 41099
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
15. Baird, D. D., Upchurch, R. P., and Selleck, G. W. (1972). Phosphonomethyl Glycine, a New Broad-Spectrum, Postemergence Herbicide. *Proc.Calif.Weed Conf.* 24: 94-102.
EcoReference No.: 41900
Chemical of Concern: SZ,TRB,24DXY,PAQT,MSMA,GYP; Habitat: T; Effect Codes: MOR,PHY,GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,SZ,TRB,24DXY,PAQT,MSMA).
16. Banks, P. A., Hill, L. V., and Santelmann, P. W. (1979). Control of Field Bindweed (*Convolvulus arvensis*) in Winter Wheat (*Triticum aestivum*) with Foliar and Subsurface Layered Herbicides. *Weed Sci.* 27: 332-335.
EcoReference No.: 41509
Chemical of Concern: PCL,TFN,DMB,GYP,24DXY,PDM; Habitat: T; Effect Codes: PHY,POP; Rejection Code: OK TARGET(DMB),OK(PCL,TFN,24DXY,PDM),NO ENDPOINT,NO CONTROL(GYP).
17. Banks, P. A., Kirby, M. A., and Santelmann, P. W. (1977). Influence of Postemergence and Subsurface Layered Herbicides on Horsenettle and Peanuts. *Weed Sci.* 25: 5-8.
EcoReference No.: 41434
Chemical of Concern: TFN,NPM,GYP,PCL,DMB,PAQT,AMTL,24DXY; Habitat: T; Effect Codes: PHY; Rejection Code: OK TARGET(DMB),OK(TFN,NPM,PCL,PAQT,AMTL),NO ENDPOINT,NO CONTROL(GYP,24DXY).
18. Barkworth, M. E., Valdes-Reyna, J., and Landers, R. Q. Jr. (1989). *Stipa clandestina*: New Weed Threat on Southwestern Rangelands. *Weed Technol.* 3: 699-702.
EcoReference No.: 93263
Chemical of Concern: GYP,HXZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-HXZ,GYP).
19. Barrett, P. R. F. (1974). The Effect of Spraying Large Plots of *Nuphar lutea* (L.) (Yellow Water-Lily) with Glyphosate. *Proc.12th Br.Weed Control Conf.* 1: 229-232.

- EcoReference No.: 14797
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
20. Baumgartner, D., Hoesch, L., and Rast, D. M. (1998). The Biogenesis of Beta -N-(Gamma -Glutamyl)-4-Hydroxymethylphenylhydrazine (Agaritine) in Agaricus bisporus. *Phytochemistry* 49: 465-474.
- EcoReference No.: 97319
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(GYP).
21. Baur, J. R. (1979). Effect of Glyphosate on Auxin Transport in Corn and Cotton Tissues. *Plant Physiol.* 63: 882-886.
- EcoReference No.: 41708
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
22. Baur, J. R. and Bovey, R. W. (1975). Herbicidal Effects of Tebuthiuron and Glyphosate. *Agron.J.* 67: 547-553.
- EcoReference No.: 40689
Chemical of Concern: EDT,GYP,TET,PQT; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
23. Beas-Zarate, C., Sanchez-Ruiz, M. Y., Urena-Guerrero, M. E., and Feria-Velasco, A. (1998). Effect of Neonatal Exposure to Monosodium L-Glutamate on Regional GABA Release During Postnatal Development. *Neurochem.Int.* 33: 217-232.
- EcoReference No.: 97531
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(GYP).
24. Belander, G. and Winch, J. E. (1985). Herbicides for Sod-Seeding Legumes on Shallow Soil Pastures. *Can.J.Plant Sci.* 65: 1049-1055.
- EcoReference No.: 44163
Chemical of Concern: GYP,MFD,FZFB,PAQT; Habitat: T; Effect Codes: POP,BCM; Rejection Code: OK(FZFB,PAQT),OK TARGET(MFD),NO ENDPOINT,NO CONTROL(GYP).
25. Beyrle, H. F., Smith, S. E., Peterson, R. L., and Franco, C. M. M. (1995). Colonization of *Orchis morio* Protocorms by a Mycorrhizal Fungus: Effects of Nitrogen Nutrition and Glyphosate in Modifying the Responses. *Can.J.Botany* 73: 1129-1140.
- EcoReference No.: 97498
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: NO ENDPOINT(GYPI).
26. Bhowmik, P., Mohasin, M., and Somchoudhury, A. K. (2004). Effect of Some Herbicides on an Agriculturally Important Non-Target Fauna-Crabs, *Paratelphusa bouvieri* (Rathbun). *Environ.Ecol.* 22: 494-496.
- EcoReference No.: 87936
Chemical of Concern: NaDPA,GYP,PAQT; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(NaDPA,GYP).
27. Bills, T. D., Marking, L. L., and Howe, G. E. (1993). Sensitivity of Juvenile Striped Bass to Chemicals Used in Aquaculture. *Resour.Publ.192, Fish Wildl.Serv., U.S.D.I., Washington, DC* 11 p.

- EcoReference No.: 2468
Chemical of Concern: SZ,GYP,BZC,Cd,Zn,Pb,Ni,PAQT,CuS,Cl,DBAC; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
28. Birge, W. J., Black, J. A., and Westerman, A. G. (1979). Evaluation of Aquatic Pollutants Using Fish and Amphibian Eggs as Bioassay Organisms. In: S.W.Nielsen, G.Migaki, and D.G.Scarpelli (Eds.), *Symp.Animals Monitors Environ.Pollut.*, 1977, Storrs, CT 12: 108-118.
- EcoReference No.: 4943
Chemical of Concern: GYP,Cu,Ni,Ag,Se,Zn,Cd,Pb,As; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS),NO ENDPOINT(GYP).
29. Blanck, H., Wallin, G., and Wangberg, S. A. (1984). Species-Dependent Variation in Algal Sensitivity to Chemical Compounds. *Ecotoxicol.Environ.Saf.* 8: 339-351.
- EcoReference No.: 11239
Chemical of Concern: DU,GYP,NFZ,PAQT,TBTCl,CuS,HgCl₂,As; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO CONTROL(ALL CHEMS).
30. Bolognesi, C., Bonatti, S., Degan, P., Gallerani, E., Peluso, M., Rabboni, R., Roggieri, P., and Abbondandolo, A. (1997). Genotoxic Activity of Glyphosate and Its Technical Formulation Roundup . *J.Agric.Food Chem.* 45: 1957-1962.
- EcoReference No.: 97156
Chemical of Concern: GYP; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP).
31. Bora, T. and Bezbaruah, B. (1992). Accelerated Transformation of Leaf-Litter Through Cellulolytic Bacteria and Fungi. *Indian J.Agric.Sci.* 62: 678-683 .
- EcoReference No.: 97497
Chemical of Concern: 24D,GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(24D,GYP).
32. Bowmer, K. H. and Eberbach, P. L. (1993). Uptake and Translocation of 14C-Glyphosate in Alternanthera philoxeroides (Mart.) Griseb. (Alligator Weed): II. Effect of Plant Size and Photoperiod. *Weed Res.* 33: 59-67.
- EcoReference No.: 97080
Chemical of Concern: GYP; Habitat: A; Effect Codes: ACC,GRO; Rejection Code: NO ENDPOINT,TARGET(GYP).
33. Bowmer, K. H., Eberbach, P. L., and McCormelle, G. (1993). Uptake and Translocation of 14C-Glyphosate in Alternanthera philoxeroides (Mart.) Griseb. (Alligator Weed): I. Rhizome Concentrations Required for Inhibition. *Weed Res.* 33: 53-57.
- EcoReference No.: 97088
Chemical of Concern: GYPI; Habitat: AT; Effect Codes: ACC,MOR,GRO; Rejection Code: NO CONTROL(GYPI).
34. Brewster, D. W., Warren, J., and Hopkins, W. E. II (1991). Metabolism of Glyphosate in Sprague-Dawley Rats: Tissue Distribution, Identification, and Quantitation of Glyphosate-Derived Materials Following a Single Oral Dose. *Fundam.Appl.Toxicol.* 17: 43-51.
- EcoReference No.: 97684
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(GYP).

35. 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,MTL),TARGET(OYZ).
36. Budai, P., Varnagy, L. E., Somlyay, I. M., and Varga, T. (1997). Ocular Irritation Study of Some Pesticides in HET-CAM Test. *Med.Fac.Landbouww.Univ.Gent* 62: 265-268.
EcoReference No.: 97059
Chemical of Concern: PMS,DMB,GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(DMB),NO COC(GYP).
37. Bujacz, B., Wieczorek, P., Krzysko-Lupicka, T., Golab, Z., Lejczak, B., and Kavfarski, P. (1995). Organophosphonate Utilization by the Wild-Type Strain of *Penicillium notatum*. *Appl.Environ.Microbiol.* 61: 2905-2910.
EcoReference No.: 97104
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(GYP).
38. Burt, E. O. and Dudeck, A. E. (1975). Glyphosate-Four Years Results. *Proc.South.Weed Sci.Soc.* 28: 152-153.
EcoReference No.: 41589
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
39. Busse, M. D., Ratcliff, A. W., Shestak, C. J., and Powers, R. F. (2001). Glyphosate Toxicity and the Effects of Long-Term Vegetation Control on Soil Microbial Communities. *Soil Biol.Biochem.* 33: 1777-1789.
EcoReference No.: 97155
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP,BCM; Rejection Code: NO ENDPOINT(GYP).
40. Byng, G. S., Whitaker, R. J., and Jensen, R. A. (1985). Glyphosate as a Probe of the Pentafunctional Arom Protein of *Euglena gracilis*. *Can.J.Bot.* 63: 1021-1024.
EcoReference No.: 97681
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(GYP).
41. Caffrey, J. M. (1996). Glyphosate in Fisheries Management. *Hydrobiologia* 340: 259-263.
EcoReference No.: 18236
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
42. Calabrese, E. J. and Baldwin, L. A. (2003). Hormesis at the National Toxicology Program (NTP): Evidence of Hormetic Dose Responses in NTP Dose-Range Studies. *Nonlinearity Biol.Toxicol.Med.* 1: 455-467.
EcoReference No.: 81588
Chemical of Concern: BNS,GLU,NaCN,BZO,DPPBEE,COIL,MCRE,BCuS,DEAL,ETHB,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT (ALL CHEMS).
43. Campbell, W. F., Evans, J. O., and Reed, S. C. (1976). Effects of Glyphosate on Chloroplast Ultrastructure of Quackgrass Mesophyll Cells. *Weed Sci.* 24: 22-25.

- EcoReference No.: 41100
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
44. Chatterjee, A., Adhikari, S., Adhikary, S. P., and Ayyappan, S. (2004). Fish as Bioindicators for Waiting Period of Pesticides. *Indian J.Fish.* 51: 271-276 .
- EcoReference No.: 97131
Chemical of Concern: CYP,BTC,GYP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(CYP,GYP).
45. Christian, F. A., Jackson, R. N., and Tate, T. M. (1993). Effect of Sublethal Concentrations of Glyphosate and Dalapon on Protein and Aminotransferase Activity in *Pseudosuccinea columella*. *Bull.Environ.Contam.Toxicol.* 51: 703-709.
- EcoReference No.: 8103
Chemical of Concern: GYP; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: NO ENDPOINT(GYP).
46. Clay, D. V. (1987). Effects of Eight Herbicides on *Potentilla anserina* and *Rorippa sylvestris*. *Tests Agrochem.Cultiv.* 8: 118-119.
- EcoReference No.: 75864
Chemical of Concern: MCPB,AMTL,CPR,FXP,TPR,GYP,PAQT; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-MCPB,GYP).
47. Clay, D. V. and West, T. M. (1987). The Response of Traizine Resistant and Susceptible Biotypes of *Erigeron canadensis* to 23 Herbicides. *Meded.Fac.Landbouwkd.Rijksuniv.Gent* 52: 1195-1206.
- EcoReference No.: 70179
Chemical of Concern:
SZ,PHMD,GYP,AMTL,24DXY,TPR,OYZ,CPR,PCH,DU,NPP,OXF,NFZ,ODZ,PDM,PAQT,PYD,IZ P,FXP; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-IZP,OYZ,GYP,OXF).
48. Clements, R. O., Bentley, B. R., and Asteraki, E. J. (1990). Origin of Frit-Fly (*Oscinella* spp.) Attack on Newly Sown Grass, Effect of Pesticides on Frit-Fly Larvae and Benefit of Using Glyphosate Herbicide Pre-Ploughing. *Crop Prot.* 9: 105-110.
- EcoReference No.: 97168
Chemical of Concern: PRT,Captan,CBD,FNF,CPY,GYPI; Habitat: T; Effect Codes: POP,PHY; Rejection Code: LITE EVAL CODED(PRT),OK(CPY),NO MIXTURE(Captan,GYPI).
49. Cole, E. C., McComb, W. C., Newton, M., Chambers, C. L., and Leeming, J. P. (1995). Response of Small Mammal and Amphibian Capture Rates to Clearcutting, Burning, and Glyphosphate Application in the Oregon Coast Range. In: *R.E.Gaskin and J.A.Zabkiewicz (Eds.), Fri Bull, #192, Popular Summaries From 2nd Int.Conf.on Forest Vegetation Manag., March 20-24, 1995, Rotorua, New Zealand, New Zealand Forest Research Institute, Rotorua, New Zealand* 192: 155-157.
- EcoReference No.: 96864
Chemical of Concern: GYP; Habitat: AT; Effect Codes: POP; Rejection Code: NO CONC,NO ENDPOINT(GYP).
50. Comes, R. D. and Kelley, A. D. (1989). Control of Common Cattail with Postemergence Herbicides. *J Aquat.Plant Manag.* 27: 20-23.

EcoReference No.: 97595

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

51. Connell, J. T. and Derting, C. W. (1973). Glyphosate Performance on Johnsongrass and Associated Weed Species in No-Tillage Soybeans. *Proc.South.Weed Sci.Soc.* 26: 51-58.

EcoReference No.: 40768

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

52. Dalby, P. R., Baker, G. H., and Smith, S. E. (1995). Glyphosate, 2,4-DB and Dimethoate: Effects on Earthworm Survival and Growth. *Soil Biol.Biochem.* 27: 1661-1662.

EcoReference No.: 39975

Chemical of Concern: DMT,24DXY,GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(DMT,24DXY,GYP).

53. Daniell, J. W. and Lane, R. P. (1978). Effect of Glyphosate on Perennial Weed Control and Yield of Muscadine Grapes. *Hortscience* 13: 471-472.

EcoReference No.: 41526

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

54. Davis, D. E. (1980). Effects of Herbicides on Submerged Seed Plants. *Completion Rep.Project A-067-ALA, Office of Water Res.and Technol., Washington, DC* 19 p. (NTIS/PB81-103103).

EcoReference No.: 9159

Chemical of Concern: ATZ,GYP,MBZ; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(ATZ),OK(MBZ),NO ENDPOINT(GYP) .

55. Davison, J. G. and Bailey, J. A. (1974). The Response of Convolvulus arvensis (Bindweed) to 2,4-D, MCPA, MCPB, Dichlorprop, Mecoprop, 2,4,5-T, Dicamba and Glyphosate at Various Doses and Application Dates. *Proc.Br.Weed Control Conf.* 12: 641-648.

EcoReference No.: 41744

Chemical of Concern: 24DXY,MCPA,MCPB,DPP1,MCPP1,DMB,GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(MCPA,MCPP1,DMB,DPP1,MCPB-TARGET),NO ENDPOINT,NO CONTROL(GYP,24DXY).

56. De lima Nechet, K., Barreto, R. W., and Mizubuti, E. S. G. (2006). Bipolaris euphorbiae as a Biological Control Agent for Wild Poinsettia (Euphorbia heterophylla): Host-Specificity and Variability in Pathogen and Host Populations. *Biocontrol* 51: 259-275.

EcoReference No.: 95779

Chemical of Concern: IZT,GYP,FSF,ATZ; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: NO ENDPOINT(GYP,FSF,ATZ).

57. De Snoo, G. R. (1994). Unsprayed Field Margins on Arable Land. *Med.Fac.Landbouww.Univ.Gent.* 59: 549-559.

EcoReference No.: 97061

Chemical of Concern: GYP,MCPA; Habitat: T; Effect Codes: POP; Rejection Code: NO DURATION,CONC(GYP).

58. Dekker, J. H. and Chandler, K. (1985). Herbicide Effect on the Viability of Quackgrass (*Agropyron repens*)

- Rhizome Buds. *Can.J.Plant Sci.* 65: 1057-1064.
- EcoReference No.: 44088
Chemical of Concern: GYP,SXD,HFPM,FZFB; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(SXD),OK(HFPM,FZFB),NO ENDPOINT,NO CONTROL(GYP).
59. Dewar, A. M., Haylock, L. A., May, M. J., Beane, J., and Perry, R. N. (2000). Glyphosate Applied to Genetically Modified Herbicide-Tolerant Sugar Beet and 'Volunteer' Potatoes Reduces Populations of Potato Cyst Nematodes and the Number and Size of Daughter Tubers. *Ann.Appl.Biol.* 136: 179-187.
- EcoReference No.: 97097
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO CONTROL(GYP).
60. Dickens, R. and Buchanan, G. A. (1975). Control of Cogongrass with Herbicides. *Weed Sci.* 23: 194-197.
- EcoReference No.: 40726
Chemical of Concern: AMTL,BMC,GYP,PRO; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK(AMTL),OK TARGET(PRO),NO COC(BMC),NO ENDPOINT,NO CONTROL(GYP).
61. Dowling, P. M. and Linscott, D. L. (1983). Effects of Vegetation Decomposition and Carbofuran on Establishment and Yield of Sod-Seeded Alfalfa (*Medicago Sativa* Cultivar Iroquois). *Can.J.Plant Sci.* 63: 421-427.
- EcoReference No.: 25388
Chemical of Concern: CBF,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(CBF,TARGET-GYP).
62. Duke, S. O. and Hoagland, R. E. (1978). Effects of Glyphosate on Metabolism of Phenolic Compounds. I. Induction of Phenylalanine Ammonia-lyase Activity in Dark-Grown Maize Roots. *Plant Sci.Lett.* 11: 185-190.
- EcoReference No.: 41575
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
63. Duncan, K. W. and McDaniel, K. C. (1998). Saltcedar (*Tamarix* spp.) Management with Imazapyr. *Weed Technol.* 12: 337-344.
- EcoReference No.: 64697
Chemical of Concern: IZP,GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,CONTROL(IZP),NO MIXTURE(TARGET-GYP),TARGET(IZP).
64. Easton, W. E. and Martin, K. (1998). The Effect of Vegetation Management on Breeding Bird Communities in British Columbia. *Ecol.Appl.* 8: 1092-1103.
- EcoReference No.: 97154
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,REP,BEH; Rejection Code: NO ENDPOINT(GYP).
65. Eggestad, M., Enge, E., Hjeljord, O., and Sahlgaard, V. (1988). Glyphosate Application in Forest -- Ecological Aspects VIII. The Effect on Black Grouse (*Tetrao tetrix*) Summer Habitat. *Scand.J.For.Res.* 3: 129-135.
- EcoReference No.: 97064
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH; Rejection Code: NO CONC(GYP).

66. Egley, G. H. and Williams, R. D. (1978). Glyphosate and Paraquat Effects on Weed Seed Germination and Seedling Emergence. *Weed Sci.* 26: 249-251.
EcoReference No.: 41483
Chemical of Concern: GYP,BMC; Habitat: T; Effect Codes: REP,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,BMC).
67. Ekanayake, A. and Liyanage, H. D. S. (1979). Studies on the Mechanism of Herbicidal Action of N-(Phosphonomethyl) Glycine on *Panicum repens*. *Weed Res.* 19: 39-43.
EcoReference No.: 41761
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
68. El Masry, R. and Rehm, S. (1977). The Effects of Growth Regulators and Herbicides on Purple Nutsedge (*Cyperus rotundus L.*) IV. Effects of Glyphosate and Morphactin on the Viability of Tubers. *Z Acker Pfl* 144: 259-267.
EcoReference No.: 41102
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
69. 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: LITE EVAL CODED(ATZ),OK(DBN),NO ENDPOINT(GYP,24DXY).
70. 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.2)* 134: 941-952.
EcoReference No.: 4332
Chemical of Concern: 24DXY,ATZ,BT,GYP,SZ,TRL; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(24DXY,ATZ,BT,GYP,SZ,TRL).
71. Feber, R. E., Smith, H., and MacDonald, D. W. (1994). The Effects of Field Margin Restoration on the Meadow Brown Butterfly (*Maniola jurtina*). *British Crop Protection Council Monograph, No.58: Field Margins: Integrating Agric.and Conservation* 295-300.
EcoReference No.: 97145
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYPI).
72. Fedtke, 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,CBL; Habitat: A; Effect Codes: GRO; Rejection Code: NO CONTROL(ALL CHEMS).
73. 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: LITE EVAL CODED(OYZ),NO ENDPOINT(GYP).
74. Feng, P. C. C. and Chiu, T. (2005). Distribution of [14C]Glyphosate in Mature Glyphosate-Resistant Cotton from Application to a Single Leaf or Over-the-Top Spray. *Pestic.Biochem.Physiol.* 82: 36-45.
EcoReference No.: 80281
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS),TARGET(GYP).
75. Fenn, M. E. and Coffey, M. D. (1985). Further Evidence for the Direct Mode of Action of Fosetyl-Al and Phosphorous Acid. *Phytopathology* 75: 1064-1068.
EcoReference No.: 97334
Chemical of Concern: GYP,FSTAL,MLX; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(GYP),TARGET(FSTAL).
76. Fernandez, C. H. and Bayer, D. E. (1977). Penetration, Translocation and Toxicity of Glyphosate in Bermuda Grass . *Weed Sci.* 25: 396-400.
EcoReference No.: 42958
Chemical of Concern: GYP; Habitat: T; Effect Codes: CEL,GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
77. Fernandez, M. R., McConkey, B. G., and Zentner, R. P. (1998). Tillage and Summerfallow Effects on Leaf Spot Diseases of Wheat in the Semiarid Canadian Prairies. *Can.J.Plant Pathol.* 20: 376-379.
EcoReference No.: 97096
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
78. Ferro, C. R. , Hill, C. B., Miles, M. R., and Hartman, G. L. (2006). Evaluation of Soybean Cultivars with the Rps1k Gene for Partial Resistance or Field Tolerance to Phytophthora sojae. *Crop Sci.* 46: 2427-2436.
EcoReference No.: 96863
Chemical of Concern: MFX,GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: EFFICACY(MFX),NO COC(GYP).
79. Fleming, W. J., Ailstock, M. S., Momot, J. J., and Norman, C. M. (1991). Response of Sago Pondweed, a Submerged Aquatic Macrophyte, to Herbicides in Three Laboratory Culture Systems. In: *J.W.Gorsuch, W.R.Lower, W.Wang, and M.A.Lewis (Eds.), Plants for Toxicity Assessment: Second Volume, ASTM STP 1115, Philadelphia, PA* 267-275.
EcoReference No.: 13294
Chemical of Concern: ACR,ATZ,GYP,PAQT; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ATZ),NO ENDPOINT(GYP).
80. Folmar, L. C. (1978). Avoidance Chamber Responses of Mayfly Nymphs Exposed to Eight Herbicides. *Bull.Environ.Contam.Toxicol.* 19: 312-318 (Author Communication Used).
EcoReference No.: 7328
Chemical of Concern: EDT,24DXY,GYP,CuS,AMSV,ACL; Habitat: A; Effect Codes: BEH; Rejection Code: NO ENDPOINT,NO CONTROL(EDT,24DXY,GYP,CuS,AMSV,ACL).
81. Folmar, L. C. (1976). Overt Avoidance Reaction of Rainbow Trout Fry to Nine Herbicides. *Bull.Environ.Contam.Toxicol.* 15: 509-514.

- EcoReference No.: 5498
Chemical of Concern: EDT,24DXY,GYP,CuS,AMSV,ACL; Habitat: A; Effect Codes: BEH;
Rejection Code: NO ENDPOINT(EDT,GYP,CuS,AMSV,ACL),LITE EVAL CODED(OW-TRV-Cu),NO ENDPOINT,NO CONTROL(24DXY).
82. Folmar, L. C., Sanders, H. O., and Julin, A. M. (1979). Toxicity of the Herbicide Glyphosate and Several of Its Formulations to Fish and Aquatic Invertebrates. *Arch.Environ.Contam.Toxicol.* 8: 269-278 (Publ in Part As 6797).
- EcoReference No.: 5752
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,REP,GRO,ACC,POP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
83. Forge, T. A., Hogue, E., Neilsen, G., and Neilsen, D. (2003). Effects of Organic Mulches on Soil Microfauna in the Root Zone of Apple: Implications for Nutrient Fluxes and Functional Diversity of the Soil Food Web. *Appl.Soil Ecol.* 22: 39-54.
- EcoReference No.: 97596
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(GYP).
84. Forschler, B. T., All, J. N., and Gardner, W. A. (1990). Steinernema feltiae Activity and Infectivity in Response to Herbicide Exposure in Aqueous and Soil Environments. *J.Invertebr.Pathol.* 55: 375-379.
- EcoReference No.: 75402
Chemical of Concern: ACR,SXD,24D,GYP; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT(SXD,GYP,24D).
85. Frans, R., McClelland, M., and Kennedy, S. (1982). Chemical and Cultural Methods for Bermudagrass Control in Cotton. *Weed Sci.* 30: 481-484.
- EcoReference No.: 41275
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
86. Frans, R. E., McClelland, M., and Terhune, E. (1980). Herbicide Field Trials on Field Crops, 1979. *Mimeogr.Ser.280, Ark.Agric.Exp.Stn., Univ.of Arkansas, Fayetteville, AR* 66 p.
- EcoReference No.: 96750
Chemical of Concern:
ACR,ACO,MFD,NPM,BMN,PQT,PMT,DU,CZE,TFN,PDM,NFZ,OYZ,FMU,MTL,BMN,BT,ACF,M TZ,GYP,LNR,VNT,BBZ,OXF,BTY,24D,DMB,PPZ,ATZ,PCH; Habitat: T; Effect Codes: POP;
Rejection Code: NO ENDPOINT(EFFICACY-MFD,DU,NFZ,OYZ,MTL,GYP,LNR,OXF,24D,ATZ),TARGET(ACO).
87. Frans, R. E., McClelland, M. R., Horton, D. K., Corbin, B. R. Jr., and Talbert, R. E. (1991). Crop and Herbicide Rotations for Johnsongrass (*Sorghum halepense*) Control. *Weed Sci.* 39: 660-666.
- EcoReference No.: 73767
Chemical of Concern: MTL,PPZ,GYP,MBZ,MSMA,PPN,TBC,TFN,FMV,SXD; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-MTL,GYP).
88. Garber, N. and Cotty, P. J. (2006). Timing of Herbicide Applications may Influence Efficacy of Aflatoxin Biocontrol. *Proc.Beltwide Cotton Conf.* 1-6.
- EcoReference No.: 98217
Chemical of Concern: BMN,PMT,PDM,PAQT,OXF,DU,GYPI; Habitat: T; Effect Codes:

- REP,POP; Rejection Code: NO ENDPOINT(OXF,DU,GYPI,PDM).
89. Gardner, S. C. and Grue, C. E. (1996). Effects of Rodeo and Garlon 3A on Nontarget Wetland Species in Central Washington. *Environ.Toxicol.Chem.* 15: 441-451.
EcoReference No.: 16508
Chemical of Concern: GYP,TPR; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
90. Gohre, K., Casida, J. E., and Ruzo, L. O. (1987). N-Oxidation and Cleavage of the Amino Acid Derived Herbicide Glyphosate and Anilino Acid of the Insecticide Fluvalinate. *J.Agric.Food Chem.* 35: 388-392.
EcoReference No.: 97694
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
91. Goldsborough, L. G. and Brown, D. J. (1993). Dissipation of Glyphosate and Aminomethylphosphonic Acid in Water and Sediments of Boreal Forest Ponds. *Environ.Toxicol.Chem.* 12: 1139-1147.
EcoReference No.: 97597
Chemical of Concern: GYPI; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONTROL(GYPI).
92. Gonzalez-Ibanez, J. (1984). Glyphosate for Weed Control in Puerto Rico Pastures. *J.Agric.Univ.Puerto Rico* 68: 289-296.
EcoReference No.: 44099
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
93. Gorlach-Lira, K., Stefaniak, O., Slizak, W., and Owedyk, I. (1997). The Response of Forest Soil Microflora to the Herbicide Formulations Fusilade and Roundup. *Microbiol.Res.* 152: 319-329.
EcoReference No.: 97499
Chemical of Concern: FZF,GYPI; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(GYPI).
94. 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,DPP1,CSF,ES,ATZ,DMT,GYP; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DMT,PCZ),OK(CSF),NO CONTROL(SZ,ES,GYP,MCPA,DPP1,ATZ).
95. Gresshoff, P. M. (1979). Growth Inhibition by Glyphosate and Reversal of Its Action by Phenylalanine and Tyrosine. *Aust.J.Plant Physiol.* 62: 177-186 .
EcoReference No.: 42982
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(GYP).
96. Groussol, J., Delrot, S., Houngbossa, S., Caruhel, P., and Bonnemain, J. L. (1986). Use of an Improved Exudation Method for the Study of Phloem Mobility of Pesticides. *Plant Biol.* 1: 619-626.
EcoReference No.: 98044

- Chemical of Concern: OML,GYP,FSTAL; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(GYP,FSTAL,OML).
97. Gutierrez Lopez, E. G. (1993). Effect of Glyphosate on Different Densities of Water Hyacinth. *J.Aquat.Plant Manage.* 31: 255-257.
EcoReference No.: 4274
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
98. Haag, K. H., Glenn, M. S., and Jordan, J. C. (1988). Selective Patterns of Herbicide Application for Improved Biological Control of Waterhyacinth. *J.Aquat.Plant Manag.* 26: 17-19.
EcoReference No.: 71845
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(GYP).
99. Hanlon, C. G. and Brady, M. (2005). Mapping the Distribution of Torpedograss and Evaluating the Effectiveness of Torpedograss Management Activities in Lake Okeechobee, Florida. *J.Aquat.Plant Manage.* 43: 24-29.
EcoReference No.: 88517
Chemical of Concern: IZP,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(IZP,TARGET-GYP).
100. Hantzschel, A. and Andreas, K. (2000). Non-N-Methyl-D-Aspartate (NMDA) Receptor Antagonist 1,2,3,4-Tetrahydro-6-Nitro-2,3-Dioxo-Benzo(F)Quinoxaline-7-Sulphonamide (NBQX) Decreases Functional Disorders in Cytotoxic Brain Oedema. *Arch.Toxicol.* 73: 581-587.
EcoReference No.: 97686
Chemical of Concern: GYP; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO COC(GYP).
101. Haramaki, C. (1977). Control of Perennial and Annual Weeds in Established Plantings of Narrowleaf Evergreens. *Proc.Northeast.Weed Sci.Soc.* 31: 329-324 .
EcoReference No.: 41110
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
102. Haramaki, C., Kuhns, L., and Grenoble, D. (1980). Use of Glyphosate in Weed Infested Nursery Beds. *Proc.Northeast.Weed Sci.Soc.* 34: 315-318.
EcoReference No.: 44035
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
103. Hardcastle, W. S. (1976). Chemical Control of Wild Allium Species. *Agron.J.* 68: 144-145.
EcoReference No.: 43606
Chemical of Concern: 24DXY,GYP; Habitat: T; Effect Codes: POP,PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
104. Harkess, R. D. and Hope, R. A. (1974). The Control of Yorkshire Fog (*Holcus lanatus* L.) in Timothy Swards. *Proc.Br.Weed Control Conf.* 12: 733-736.
EcoReference No.: 40993

- Chemical of Concern: GYP,LNR; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,LNR).
105. Harrington, T. B., Minogue, P. J., Lauer, D. K., and Ezell, A. W. (1998). Two-Year Development of Southern Pine Seedlings and Associated Vegetation Following Spray-and-Burn Site Preparation with Imazapyr Alone or in Mixture with Other Herbicides. *New For.* 15: 89-106.
EcoReference No.: 67263
Chemical of Concern: IZP,GYP,TPR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-IZP,GYP).
106. Hartley, M. J., Reid, J. B., Rahman, A., and Springett, J. A. (1996). Effect of Organic Mulches and a Residual Herbicide on Soil Bioactivity in an Apple Orchard. *N.Z.J.Crop Hortic.Sci.* 24: 183-190.
EcoReference No.: 97057
Chemical of Concern: PAQT,GYP,TBZ; Habitat: T; Effect Codes: SYS,POP; Rejection Code: NO CONC(GYP).
107. Hartman, W. A. and Martin, D. B. (1984). Effect of Suspended Bentonite Clay on the Acute Toxicity of Glyphosate to Daphnia pulex and Lemma minor. *Bull.Environ.Contam.Toxicol.* 33: 355-361.
EcoReference No.: 11265
Chemical of Concern: GYP; Habitat: A; Effect Codes: PHY,POP,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
108. Hartman, W. A. and Martin, D. B. (1985). Effects of Four Agricultural Pesticides on Daphnia pulex, Lemma minor, and Potamogeton pectinatus. *Bull.Environ.Contam.Toxicol.* 35: 646-651.
EcoReference No.: 11433
Chemical of Concern: ACR,ATZ,CBF,GYP; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(ATZ,CBF),NO ENDPOINT(GYP).
109. Hartwig, E. E. (1987). Identification and Utilization of Variation in Herbicide Tolerance in Soybean (Glycine max) Breeding. *Weed Sci.* 35: 4-8.
EcoReference No.: 97191
Chemical of Concern: 24DB,GYP,BT; Habitat: T; Effect Codes: PHY,GRO,POP; Rejection Code: NO ENDPOINT(GYP).
110. Heatherly, L. G., Elmore, C. D., and Spurlock, S. R. (1994). Effect of Irrigation and Weed Control Treatment on Yield and Net Return from Soybean (Glycine max). *Weed Technol.* 8: 69-76.
EcoReference No.: 74061
Chemical of Concern: MTL,GYP,ACF,LNR,MBZ,DMM,24DB,BT,PAQT,PDM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,CONTROL,TARGET(MTL,GYP).
111. Hedley, M. E., Preston, A. F., Cross, D. J., and Butcher, J. A. (1979). Screening of Selected Agricultural and Industrial Chemicals as Wood Preservatives. *Int.Biodeterior.Bull.* 15: 9-18.
EcoReference No.: 80749
Chemical of Concern:
TCMTB,BMY,DINO,PZM,MTZ,AMTR,BS,TCMTB,PNB,GYP,TZL,TBA,ACR,FRM,PTBNa,CBX,
OXC,HXZ,TET,BMC,DOD,Zn,TRB,DIIS; Habitat: T; Effect Codes: GRO,MOR,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
112. Hernando, F., Royuela, M., Munoz-Rueda, A., and Gonzalez-Murua, C. (1989). Effect of Glyphosate on the Greening Process and Photosynthetic Metabolism in Chlorella pyrenoidosa. *J.Plant Physiol.*

- 134: 26-31.
- EcoReference No.: 96886
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,PHY,POP; Rejection Code: NO ENDPOINT(GYP).
113. 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: NO CONROL(BS),LITE EVAL CODED(ATZ,MLT),NO ENDPOINT,NO CONTROL(GYP).
114. Hicks, C. P. and Jordan, T. N. (1984). Response of Bermudagrass (*Cynodon dactylon*), Quackgrass (*Agropyron repens*), and Wirestem Muhly (*Muhlenbergia frondosa*) to Postemergence Grass Herbicides. *Weed Sci.* 32: 835-841.

EcoReference No.: 44120
Chemical of Concern: GYP,SXD,FZFB,HFPM; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: OK TARGET(SXD),OK(FZFB,HFPM),NO ENDPOINT,NO CONTROL(GYP).
115. Hildebrand, L. D., Sullivan, D. S., and Sullivan, T. P. (1980). Effects of Roundup Herbicide on Populations of *Daphnia magna* in a Forest Pond. *Bull.Environ.Contam.Toxicol.* 25: 353-357.

EcoReference No.: 5944
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(GYP).
116. His, E., Heyvang, I., Geffard, O., and De Montaudouin, X. (1999). A Comparison Between Oyster (*Crassostrea gigas*) and Sea Urchin (*Paracentrotus lividus*) Larval Bioassays for Toxicological Studies. *Water Res.* 33: 1706-1718.

EcoReference No.: 50211
Chemical of Concern: GYP,CuS,Pb,Hg; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(CuS),NO ENDPOINT(GYP).
117. Hislop, R. G. and Prokopy, R. J. (1981). Integrated Management of Phytophagous Mites in Massachusetts (U.S.A.) Apple Orchards. 2. Influence of Pesticides on the Predator *Amblyseius fallacis* (Acarina: Phytoseiidae) Under Laboratory and Field Conditions. *Prot.Ecol.* 3: 157-172.

EcoReference No.: 70632
Chemical of Concern:
MOM,CBL,PHSL,DZ,DEM,DMT,FNV,PMR,PPHD,MLN,PSM,AZ,MP,ES,MXC,FTTCI,DCF,CHX,PPG,FO,BMY,DOD,Maneb,THM,Captan,FBM,PAQT,GYP,SZ,DMZ,EPH,NAA,CaCl₂; Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(MP,DMT,FNV,PPG).
118. Hodges, L. and Moore, J. N. (1979). Effects of the Postemergence Systemic Herbicide Glyphosate on Highbush Blueberry (*Vaccinium corymbosum* L.). First-Year Injuries. *Hortscience* 14: 49-50.

EcoReference No.: 41687
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
119. Holdway, D. A. and Dixon, D. G. (1988). Acute Toxicity of Permethrin or Glyphosate Pulse Exposure

- to Larval White Sucker (*Catostomus commersoni*) and Juvenile Flagfish (*Jordanella*). *Environ.Toxicol.Chem.* 7: 63-68.
- EcoReference No.: 2136
Chemical of Concern: GYP,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
120. Holt, J. S., Radosevich, S. R., and Graves, W. L. (1985). Long-Term Effects on Vegetation of Herbicide Treatments in Chaparral. *Weed Sci.* 33: 353-357.

EcoReference No.: 44103
Chemical of Concern: 24DXY,GYP,TPR; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,24DXY).
121. Holtby, L. B. and Baillie, S. J. (1989). Effects of the Herbicide Roundup (Glyphosate) on Periphyton in Carnation Creek, British Columbia. In: P.E.Reynolds (Ed.), *Proc.Carnation Creek Herbicide Workshop, Dec.7-10, 1987, Forestry Canada, Victoria, B.C.(Canada) / British Columbia Minst.of Forestry, Victoria B.C.(Canada)* 224-231.

EcoReference No.: 9767
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,PRS; Rejection Code: NO ENDPOINT(GYP).
122. Holtby, L. B. and Baillie, S. J. (1989). Effects of the Herbicide Roundup on Coho Salmon Fingerlings in an Over-Sprayed Tributary of Carnation Creek, British Columbia. In: P.E.Reynolds (Ed.), *Proc.Carnation Creek Herbicide Workshop, Dec.7-10, 1987, Forestry Canada, Victoria, B.C.(Canada) / British Columbia Minst.of Forestry, Victoria B.C.(Canada)* 273-285.

EcoReference No.: 9809
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR,GRO,POP,BEH; Rejection Code: NO ENDPOINT(GYP).
123. Huang, Z. Y., Hanley, A. V., Pett, W. L., Langenberger, M., and Duan, J. J. (2004). Field and Semifield Evaluation of Impacts of Transgenic Canola Pollen on Survival and Development of Worker Honey Bees. *J.Econ.Entomol.* 97: 1517-1523.

EcoReference No.: 97598
Chemical of Concern: DZ,GYP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO COC(GYP),OK(DZ).
124. Hutter, 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,MCPA,24DXY,THM; Habitat: A; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
125. Ibbotson, T., Field, M. J., and Boden, P. R. (1997). Effect of Chronic Ethanol Treatment In Vivo on Excitability in Mouse Cortical Neurones In Vitro. *Br.J.Pharmacol.* 122: 956-962.

EcoReference No.: 97153
Chemical of Concern: ETHN,GYP; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: NO COC(GYP).
126. Issa, A. A. (1999). Interference of Glyphosate with the Shikimate Pathway by Cyanobacteria in Chemostat Culture. *Microbios* 100: 47-55.

- EcoReference No.: 96960
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(GYPI).
127. Ivany, J. A. (1975). Effects of Glyphosate Application at Different Growth Stages on Quack Grass Control. *Can.J.Plant Sci.* 55: 861-863.
- EcoReference No.: 41362
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
128. Janz, D. M., Farrell, A. P., Morgan, J. D., and Vigers, G. A. (1991). Acute Physiological Stress Responses of Juvenile Coho Salmon (*Oncorhynchus kisutch*) to Sublethal Concentrations of Garlon 4, Garlon 3A, and Vision. *Environ.Toxicol.Chem.* 10: 81-90.
- EcoReference No.: 3594
Chemical of Concern: GYP,TPR; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(GYP).
129. Jaworski, E. G. (1972). Mode of Action of N-Phosphonomethylglycine: Inhibition of Aromatic Amino Acid Biosynthesis. *J.Agric.Food Chem.* 20: 1195-1198.
- EcoReference No.: 96908
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(GYP).
130. Johal, G. S. and Rahe, J. E. (1988). Glyphosate Hypersensitivity and Phytoalexin Accumulation in the Incompatible Bean Anthracnose Host-Parasite Interaction. *Physiol.Mol.Plant Pathol.* 32: 267-281.
- EcoReference No.: 97066
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(GYP).
131. Johnson, B. J. (1976). Glyphosate for Weed Control in Dormant Bermudagrass. *Weed Sci.* 24: 140-143.
- EcoReference No.: 41103
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
132. Johnson, B. J. (1983). Response of Weeds in Bermudagrass (*Cynodon dactylon*) Turf to Tank-Mixed Herbicides. *Weed Sci.* 31: 883-888.
- EcoReference No.: 41000
Chemical of Concern: SZ,GYP,DCPA,24DXY,DMB,BS; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(SZ),TARGET(DMB),NO ENDPOINT,NO CONTROL(GYP,BS).
133. Kallqvist, T., Abdel-Hamid, M. I., and Berge, D. (1994). Effects of Agricultural Pesticides on Freshwater Plankton Communities in Enclosures. *Norw.J.Agric.Sci.Suppl.* 13: 133-152.
- EcoReference No.: 16006
Chemical of Concern: DMT,GYP,CSF,PCZ; Habitat: A; Effect Codes: BCM,PHY,POP; Rejection Code: LITE EVAL CODED(DMT,PCZ),NO ENDPOINT(GYP).
134. Kannan, V., Srinivasan, S., Kathiravan, G., Raju, K., Subramanian, K., and Sivakumar, D. (1999). Influence of Glyphosate on *Mastigocladus laminosus*. *J.Environ.Biol.* 20: 199-206.

- EcoReference No.: 50813
Chemical of Concern: GYPI; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(GYPI).
135. Kawate, M. K., Kawate, S. C., Ogg, A. G. Jr., and Kraft, J. M. (1992). Response of Fusarium solani f. sp. pisi and Pythium ultimum to Glyphosate. *Weed Sci.* 40: 497-502.

EcoReference No.: 97081
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYPI).
136. Kay, S. H. (1999). Evaluation of SP1001 (Pelargonic Acid) in Combination with Glyphosate on Cattail and Alligatorweed. *J.Aquat.Plant Manag.* 37: 29-31.

EcoReference No.: 97599
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO MIXTURE(GYPI).
137. Kaya, B., Creus, A., Yanikoglu, A., Cabre, O., and Marcos, R. (2000). Use of the Drosophila Wing Spot Test in the Genotoxicity Testing of Different Herbicides. *Environ.Mol.Mutagen.* 36: 40-46.

EcoReference No.: 97152
Chemical of Concern: PPN,GYP; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP).
138. Kelly, D. and Skipworth, J. P. (1984). Tradescantia fluminensis in Manawatu (New Zealand) Forest II. Management by Herbicides. *N.Z.J.Bot.* 22: 399-402 .

EcoReference No.: 44117
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
139. Kilbride, K. M. and Paveglio, F. L. (2001). Long-Term Fate of Glyphosate Associated with Repeated Rodeo Applications to Control Smooth Cordgrass (*Spartina alterniflora*) in Willapa Bay, Washington. *Arch.Environ.Contam.Toxicol.* 40: 179-183.

EcoReference No.: 97151
Chemical of Concern: GYP; Habitat: A; Effect Codes: ACC; Rejection Code: NO CONTROL(GYP).
140. Kisseberth, W. C., Buck, W. B., Mansfield, M. E., and Manuel, R. K. (1986). Preferential Grazing by Cattle on Glyphosate-Treated Fescue Pastures. *Am.J.Vet.Res.* 47: 696-698.

EcoReference No.: 97132
Chemical of Concern: GYPI; Habitat: T; Effect Codes: ACC,BEH; Rejection Code: NO ENDPOINT(GYPI).
141. Klimek, M., Lejczak, B., Kafarski, P., and Forlani, G. (2001). Metabolism of the Phosphonate Herbicide Glyphosate by a Non-Nitrate-Utilizing Strain of *Penicillium chrysogenum*. *Pest Manag.Sci.* 57: 815-821.

EcoReference No.: 97150
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,ACC,GRO; Rejection Code: NO ENDPOINT(GYP).
142. Klingman, D. L. and Murray, J. J. (1976). Germination of Seeds of Turfgrass As Affected by Glyphosate and Paraquat. *Weed Sci.* 24: 191-193.

- EcoReference No.: 41461
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,REP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
143. Koenning, S. R. (2002). Tolerance to Hoplolaimus columbus in Glyphosate-Resistant, Transgenic Soybean Cultivars. *J.Nematol.* 34: 370-373.

EcoReference No.: 97149
Chemical of Concern: 13DPE,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(GYP),OK(13DPE).
144. Kreutzweiser, D. P. and Kingsbury, P. D. (1989). Drift of Aquatic Invertebrates in a Glyphosate Contaminated Watershed. In: P.E.Reynolds (Ed.), *Proc.Carnation Creek Herbicide Workshop, Dec.7-10, 1987, Forestry Canada, Victoria, B.C.(Canada) / British Columbia Minst.of Forestry, Victoria B.C.(Canada)* 250-256.

EcoReference No.: 13394
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
145. Kreutzweiser, D. P., Kingsbury, P. D., and Feng, J. C. (1989). Drift Response of Stream Invertebrates to Aerial Applications of Glyphosate. *Bull.Environ.Contam.Toxicol.* 42: 331-338.

EcoReference No.: 3036
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
146. Kruger, A., Okoniewska, G., Pochitonow, Z., Krol, Z., and Garnett, R. P. (1996). Glyphosate as a Management Tool in Carp Fisheries. *Hydrobiologia* 340: 253-257.

EcoReference No.: 19785
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,MOR,GRO; Rejection Code: NO ENDPOINT(GYP).
147. Krzysko-Lupicka, T., Strof, W., Kubs, K., Skorupa, M., Wieczorek, P., Lejczak, B., and Kafarski, P. (1997). The Ability of Soil-Borne Fungi to Degrade Organophosphonate Carbon-to-Phosphorus Bonds. *Appl.Microbiol.Biotechnol.* 48: 549-552.

EcoReference No.: 97738
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
148. Kutcher, H. R., Malhi, S. S., and Gill, K. S. (2005). Topography and Management of Nitrogen and Fungicide Affects Diseases and Productivity of Canola. *Agron.J.* 97: 533-541.

EcoReference No.: 82175
Chemical of Concern: SXD,EMSF,CPR,GYPI,GFS,AZX,VCZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(SXD,GYPI,GFS).
149. Laatikainen, T and Heinonen-Tanski, H (2002). Mycorrhizal Growth in Pure Cultures in the Presence of Pesticides. *Microbiol.Res.* 157: 127-137.

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

150. Lange, A., Kempen, H., McHenry, W., and Leonard, O. (1973). Roundup - a New Perennial Weed Killer. *Calif.Agric.* 27: 6-7.
EcoReference No.: 40685
Chemical of Concern: 24DXY,GYP,DMB; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,NO ENDPOINT(24DXY,GYP,DMB).
151. Langeland, K. A. (1986). Management Program for Alligatorweed in North Carolina. *Rep.No.224, Water Resour.Res.Inst.of the Univ.of N.Carolina* 36 p.
EcoReference No.: 90590
Chemical of Concern:
SZ,PCL,PAQT,MCPA,EDT,DBN,AMTR,MTPN,SMM,TPR,HXZ,BMC,AMTL,DU,IZP,DMB,FDE, GYP,24D; Habitat: AT; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(SZ,MTPN,SMM,HXZ,BMC,DU,IZP,DMB,GYP,24D).
152. Lanini, W. T. and Radosevich, S. R. (1982). Herbicide Effectiveness in Response to Season of Application and Shrub Physiology. *Weed Sci.* 30: 467-475 .
EcoReference No.: 41287
Chemical of Concern: 24DXY,GYP,TPR,DPP1; Habitat: T; Effect Codes: GRO,POP,MOR,PHY; Rejection Code: OK(ALL CHEMS),OK TARGET(DPP1),NO ENDPOINT,NO CONTROL(GYP).
153. Laroche, F. B. (1998). Managing Melaleuca (*Melaleuca quinquenervia*) in the Everglades. *Weed Technol.* 12: 726-732.
EcoReference No.: 93261
Chemical of Concern: GYP,HXZ,IZP,TET,TPR; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-HXZ,IZP,GYP).
154. Larson, R. L., Hill, A. L., Fenwick, A., Kniss, A. R., Hanson, L. E., and Miller, S. D. (2006). Influence of Glyphosate on Rhizoctonia and Fusarium Root Rot in Sugar Beet. *Pest Manag.Sci.* 62: 1182-1192.
EcoReference No.: 97121
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,REP,GRO; Rejection Code: NO COC(GYP).
155. Lautenschlager, R. A., Hollstedt, C., and Bell, F. W. (1995). Effects of Herbicide, Manual, and Annual Release of Young Jack Pine on Vegetation and Small Mammals in Northwestern Ontario. In: *R.E.Gaskin and J.A.Zabkiewicz (Eds.),Fri.Bull.#192, Popular Summaraies from 2nd Intl.Conf.on Forest Vegetation Manag.March 20-24, 1995, Rotorua, New Zealand, New Zealand Forest Research institute: Rotorua, New Zealand* 149-151.
EcoReference No.: 96865
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYPI).
156. Levesque, C. A., Beckenbach, K., Baillie, D. L., and Rahe, J. E. (1993). Pathogenicity and DNA Restriction Fragment Length Polymorphisms of Isolates of *Pythium* spp. from Glyphosate-Treated Seedlings. *Mycol.Res.* 97: 307-312.
EcoReference No.: 97000
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP,CEL; Rejection Code: NO ENDPOINT(GYPI).
157. Li, G. C. and Chen, C. Y. (1981). Study on the Acute Toxicities of Commonly Used Pesticides to Two Kinds of Fish. *K'O Hsueh Fa Chan Yueh K'an* 9: 146-152(CHI)(ENG ABS).

- EcoReference No.: 5345
Chemical of Concern: ACR,CBL,ODZ,TBC,DZ,ES,BTC,GYP; Habitat: A; Effect Codes: PHY;
Rejection Code: NO CONTROL(GYP).
158. Linz, G. M. and Blixt, D. C. (1997). Black Terns Benefit from Cattail Management in the Northern Great Plains. *Colon. Waterbirds* 20: 617-621.
- EcoReference No.: 97048
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYPI).
159. Locascio, S. J. and Currey, W. L. (1973). Yellow Nutsedge (*Cyperus esculentus*) Control and Vegetable Crop Tolerance with Various Herbicides. *Proc. South. Weed Sci. Soc.* 26: 259-266.
- EcoReference No.: 40646
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
160. Lockhart, W. L., Billeck, B. N., and Baron, C. L. (1989). Bioassay with a Floating Aquatic Plant (*Lemna minor*) for Effects of Sprayed and Dissolved Glyphosate. *Hydrobiologia* 188/189: 353-359.
- EcoReference No.: 17757
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(GYP).
161. Long, C. and Rieck, W. (1977). Effects of Glyphosate Used as a Postemergent Application in Selected Pine Species. *Proc. North Central Weed Control Conf.* 32: 122-123.
- EcoReference No.: 41783
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
162. Lutman, P. J. W. and Richardson, W. G. (1978). The Activity of Glyphosate and Aminotriazole Herbicides Against Volunteer Potato Plants and Their Daughter Tubers. *Weed Res.* 18: 65-70.
- EcoReference No.: 41769
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,GRO,POP,CEL,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
163. MacKinnon, D. S. and Freedman, B. (1993). Effects of Silvicultural Use of the Herbicide Glyphosate on Breeding Birds of Regenerating Clearcuts in Nova Scotia, Canada. *J. Appl. Ecol.* 30: 395-406.
- EcoReference No.: 97105
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(GYP).
164. Major III, W. W., Grue, C. E., Gardner, S. C., and Grassley, J. M. (2003). Concentrations of Glyphosate and AMPA in Sediment Following Operational Applications of Rodeo to Control Smooth Cordgrass in Willapa Bay, Washington, USA. *Bull. Environ. Contam. Toxicol.* 71: 912-918.
- EcoReference No.: 97600
Chemical of Concern: GYPI; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT(GYPI).
165. Mallick, N., Mohn, F. H., Rai, L., and Soeder, C. J. (2000). Impact of Physiological Stresses on Nitric Oxide Formation by Green Alga, *Scenedesmus obliquus*. *J. Microbiol. Biotechnol.* 10: 300-306.

- EcoReference No.: 97523
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: NO ENDPOINT(GYP).
166. Mangan, R. L. and Byers, R. A. (1989). Effects of Minimum-Tillage Practices on Spider Activity in Old-Field Swards. *Environ.Entomol.* 18: 945-952.
- EcoReference No.: 96562
Chemical of Concern: CBF,MCB,GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO COC(GYP),NO ENDPOINT(CBF).
167. 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,POP; Rejection Code: NO ENDPOINT(ALL CHEMS),OK(CPY,FPP,FVL,PPHD),TARGET(CPY),TARGET(FNV).
168. Marc, J., Belle, R., Morales, J., Cormier, P., and Mulner-Lorillon, O. (2004). Formulated Glyphosate Activates the DNA-Response Checkpoint of the Cell Cycle Leading to the Prevention of G2/M Transition. *Toxicol.Sci.* 82: 436-442 .
- EcoReference No.: 80692
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
169. Marc, J., Le Breton, M., Cormier, P., Morales, J., Belle, R., and Mulner-Lorillon, O. (2005). A Glyphosate-Based Pesticide Impinges on Transcription. *Toxicol.Appl.Pharmacol.* 203: 1-8.
- EcoReference No.: 97100
Chemical of Concern: GYP; Habitat: A; Effect Codes: REP,CEL; Rejection Code: NO ENDPOINT(GYP).
170. Marc, J., Mulner-Lorillon, O., Boulben, S., Hureau, D., Durand, G., and Belle, R. (2002). Pesticide Roundup Provokes Cell Division Dysfunction at the Level of CDK1/Cyclin B Activation. *Chem.Res.Toxicol.* 15: 326-331.
- EcoReference No.: 97148
Chemical of Concern: GYPI; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO ENDPOINT(GYPI).
171. Marchand, J., Tanguy, A., Charrier, G., Quiniou, L., Plee-Gauthier, E., and LaRoche, J. (2006). Molecular Identification and Expression of Differentially Regulated Genes of the European Flounder, *Platichthys flesus*, Submitted to Pesticide Exposure. *Marine Biotechnol.* 8: 275-294.
- EcoReference No.: 96909
Chemical of Concern: GYP; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP).
172. Marquis, L. Y., Comes, R. D., and Yang, C. P. (1979). Selectivity of Glyphosate in Creeping Red Fescue and Reed Canarygrass. *Weed Res.* 19: 335-342 .
- EcoReference No.: 43410
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO

- CONTROL(GYP).
173. Marriage, P. B. and Khan, S. U. (1978). Differential Varietal Tolerance of Peach (*Prunus persica*) Seedlings to Glyphosate. *Weed Sci.* 26: 374-378.
EcoReference No.: 43323
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,MOR,CEL; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
174. 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,MCPP1,ATZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS,TARGET-MCPP1,GYP),NO COC(ATZ).
175. Martin, R. A. and Edgington, L. V. (1981). Comparative Systemic Translocation of Several Xenobiotics and Sucrose. *Pestici.Biochem.Physiol.* 16: 87-96.
EcoReference No.: 94119
Chemical of Concern: CBD,FRM,OML,24D,GYP; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(FRM,24D,TARGET-GYP).
176. Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC* 505 p. (USGS Data File).
EcoReference No.: 6797
Chemical of Concern:
EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQT C,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,M CPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OYZ,PCP,PEB,PAQT,PRT,PSM,Folpet,PYN,C YT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN,DCB,MT AS,OXD,PEPPG,TBF,CPYM,FLU,PPG; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL
CODED(MTAS,MTPN,DCB,DZ,IGS,ATZ,MTL,MLT,CBF,ADC,MOM,PPB,SZ,DMT,WFN,RTN,C uS, DOD,NaN3,DMB,RSM,CaPS,MCPB,
NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO
CONTROL(PPG,GYP,LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,Naled,BS,O XD,Captan,MLN,HXZ,TBF).
177. Mayeux, H. S. Jr. and Crane, R. A. (1985). Application of Herbicides on Rangelands with a Carpeted Roller: Evaluation of Four Herbicides for Control of Honey Mesquite. *J.Range Manag.* 38: 233-237.
EcoReference No.: 44096
Chemical of Concern: GYP,TPR; Habitat: T; Effect Codes: POP,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
178. 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(BYP,PAQT,PCL),NO ENDPOINT,NO CONTROL(GYP,24DXY).

179. McLeod, K. W., Reed, M. R., and Wike, L. D. (2000). Elevation, Competition Control, and Species Affect Bottomland Forest Restoration. *Wetlands* 20: 162-168.
EcoReference No.: 97320
Chemical of Concern: GYPI; Habitat: T; Effect Codes: GRO,MOR,POP; Rejection Code: NO ENDPOINT(GYPI).
180. McWhorter, C. G. (1977). Weed Control in Soybeans with Glyphosate Applied in the Recirculating Sprayer. *Weed Sci.* 25: 135-141.
EcoReference No.: 41104
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
181. McWhorter, C. G. and Barrentine, W. L. (1979). Weed Control in Soybeans (*Glycine max*) with Mefluidide Applied Postemergence. *Weed Sci.* 27: 42-47.
EcoReference No.: 42763
Chemical of Concern: GYP,BT,MFD,24DB; Habitat: T; Effect Codes: POP,PHY; Rejection Code: OK(BT,24DB),OK TARGET(MFD),NO ENDPOINT,NO CONTROL(GYP).
182. Mead, H., Livingston, D., and Ross, B. L. (1976). Herbicide Tolerance Studies in White Clover. *Proc.Br.Weed Control Conf.* 13: 677-679.
EcoReference No.: 41296
Chemical of Concern: GYP,PZM; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,PZM).
183. Means, N. E. and Kremer, R. J. (2007). Influence of Soil Moisture on Root Colonization of Glyphosate-Treated Soybean by Fusarium Species. *Commun.Soil Sci.Plant Anal.* 38: 1713-1720.
EcoReference No.: 97158
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
184. Medina, H. S. G., Lopata, M. E., and Bacila, M. (1994). The Response of Sea Urchin Egg Embryogenesis Towards the Effect of Some Pesticides. *Arq.Biol.Tecnol.(Curitiba)* 37: 895-906.
EcoReference No.: 18579
Chemical of Concern: GYP,MP,OXF,DM,TFN; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(MP),NO ENDPOINT,NO CONTROL(GYP).
185. Mercer, P. C. and Fraser, T. W. (1986). Microorganisms Associated with the Retting of Flax Treated with the Herbicide Glyphosate. *Ann.Appl.Biol.* 109: 509-521.
EcoReference No.: 97530
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
186. Metcalf, R. L. and Sanborn, J. R. (1975). Pesticides and Environmental Quality in Illinois. *Il.Nat.Hist.Surv.Bull.* 31: 381-436.
EcoReference No.: 37948
Chemical of Concern:
ACP,PRN,CBL,PPX,EN,HCCH,MRX,PCP,MLN,FNF,FNT,TMP,DFZ,MTPN,FTT,ADC,CPYM,CPY,PCP,24DXY,PHMD,MXC,DMB,ACR,ATZ,TBO,GYP,OYZ,BT,MBZ,TFN,CBF,Maneb,Zineb,AN,D,LDD,DDT,HPT,TXP,CHD,PPN,Captan; Habitat: AT; Effect Codes: ACC; Rejection Code: NO

- CONTROL,NO ENDPOINT(ALL CHEMS).
187. Meyer, R. E. and Bovey, R. W. (1984). Response of Macartney Rose (*Rosa bracteata*) and Understory Vegetation to Herbicides. *Weed Sci.* 32: 63-67.
EcoReference No.: 44158
Chemical of Concern: 24DXY, GYP, HXZ, TPR, TET; Habitat: T; Effect Codes: MOR, POP;
Rejection Code: NO ENDPOINT, NO CONTROL(GYP, 24DXY, HXZ).
188. Michieka, R. W., Ilnicki, R. D., and Justin, J. R. (1977). Weed Control in Double-Crop Soybeans with Herbicides Applied Alone and in Combination with Paraquat or Glyphosate. *Proc.Northeast.Weed Sci.Soc.* 31: 61-69.
EcoReference No.: 40649
Chemical of Concern: GYP, DMM, ACR, LNR, MBZ, PDM; Habitat: T; Effect Codes: PHY, POP, MOR; Rejection Code: NO ENDPOINT, NO CONTROL(GYP, LNR).
189. Mietkiewski, R. T., Pell, J. K., and Clark, S. J. (1997). Influence of Pesticide Use on the Natural Occurrence of Entomopathogenic Fungi in Arable Soils in the UK: Field and Laboratory Comparisons. *Biocontrol Sci.Technol.* 7: 565-575.
EcoReference No.: 97160
Chemical of Concern: BMY, ADC, GYP, TDF; Habitat: T; Effect Codes: GRO, POP, MOR; Rejection Code: NO ENDPOINT(ADC, GYP, TDF).
190. Mitchell, D. G., Chapman, P. M., and Long, T. J. (1987). Acute Toxicity of Roundup and Rodeo Herbicides to Rainbow Trout, Chinook, and Coho Salmon. *Bull.Environ.Contam.Toxicol.* 39: 1028-1035.
EcoReference No.: 12813
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(GYP).
191. Mitchell, D. G., Chapman, P. M., and Long, T. J. (1987). Seawater Challenge Testing of Coho Salmon Smolts Following Exposure to Roundup Herbicide. *Environ.Toxicol.Chem.* 6: 875-878.
EcoReference No.: 12727
Chemical of Concern: GYP; Habitat: A; Effect Codes: BEH, MOR, BCM, GRO; Rejection Code: NO ENDPOINT(GYP).
192. Monteiro, A., Moreira, I., and Sousa, E. (1999). Effect of Prior Common Reed (*Phragmites australis*) Cutting on Herbicide Efficacy. *Hydrobiologia* 415: 305-308.
EcoReference No.: 69852
Chemical of Concern: GYPI; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT, NO CONTROL(GYPI).
193. Moore, D., Clements, R. O., and Ridout, M. S. (1986). Effects of Pasture Establishment and Renovation Techniques on the Hymenopterous Parasitoids of *Oscinella frit L.* and Other Stem-Boring Diptera in Ryegrass. *J.Appl.Ecol.* 23: 871-881.
EcoReference No.: 97715
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP, BEH; Rejection Code: NO CONC(GYP).
194. Moreira, I., Monteiro, A., and Sousa, E. (1999). Chemical Control of Common Reed (*Phragmites australis*) by Foliar Herbicides Under Different Spray Conditions. *Hydrobiologia* 415: 299-304.

- EcoReference No.: 69855
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(GYP).
195. Morowati, M. (2000). Histochemical and Histopathological Study of the Intestine of the Earthworm (*Pheretima elongata*) Exposed to a Field Dose of the Herbicide Glyphosate. *Environmentalist* 20: 105-111.
- EcoReference No.: 62855
Chemical of Concern: GYP; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP).
196. Morrison, M. L. and Meslow, E. C. (1984). Effects of the Herbicide Glyphosate on Bird Community Structure, Western Oregon. *For.Sci.* 30: 95-106.
- EcoReference No.: 72844
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,PHY,GRO; Rejection Code: NO ENDPOINT(GYP).
197. Morze, J. (1979). Chemical Control of Gleichenia polypodioides Fern and Bracken. *S.Afr.For.J.* 108: 43-44.
- EcoReference No.: 71760
Chemical of Concern: ASM,GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS),TARGET(GYP).
198. Mowat, D. J. and Jess, S. (1985). The Effect of Frit Fly (*Oscinella frit*) Control Measures on the Establishment of Seedling Ryegrass (*Lolium spp.*). *Ann.Appl.Biol.* 107: 377-385.
- EcoReference No.: 97958
Chemical of Concern: CPY,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(GYP),OK(CPY).
199. Mugnier, J. (1997). Mycorrhizal Interactions and the Effects of Fungicides, Nematicides and Herbicides on Hairy Root Cultures. *Hairy Roots* 123-131.
- EcoReference No.: 98372
Chemical of Concern:
HYX,ODL,MLX,PDM,Captan,GYP,24D,FST,MZB,FRN,PCZ,FTF,FUZ,TDF,TDM,BTN; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT(FTF),NO CONC(FST,GYP).
200. Naguib, N. A., El-Baz, F. K., and El-Masry, R. (1985). Effect of Glyphosate on the Amino Acids and Mineral Contents of *Vicia faba* and *Orobanche crenata* and Its Influence on the Host-Parasite Relationship. *Egypt.J.Physiol.Sci.* 12: 91-102.
- EcoReference No.: 97525
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(GYP).
201. Nelson, L. S., Skogerboe, J. G., and Getsinger, K. D. (2001). Herbicide Evaluation Against Giant Salvinia. *J.Aquat.Plant Manag.* 39: 48-53.
- EcoReference No.: 71381
Chemical of Concern: EDT,Cu,GYP,IZP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(IZP),NO MIXTURE(EDT),OK(Cu),NO ENDPOINT(GYP).

202. Newman, J. R. and Dawson, F. H. (1999). Ecology, Distribution and Chemical Control of Hydrocotyle ranunculoides in the U.K. *Hydrobiologia* 415: 295-298.
EcoReference No.: 97147
Chemical of Concern: GYP,24D; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT(GYP,24D).
203. Newton, M., Howard, K. M., Kelpsas, B. R., Danhaus, R., Lottman, C. M., and Dubelman, S. (1984). Fate of Glyphosate in an Oregon Forest Ecosystem. *J.Agric.Food Chem.* 32: 1144-1151.
EcoReference No.: 38125
Chemical of Concern: GYP; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(GYP).
204. Noldin, J. A., Chandler, J. M., Ketchersid, M. L., and McCauley, G. N. (1999). Red Rice (*Oryza sativa*) Biology. II. Ecotype Sensitivity to Herbicides. *Weed Technol.* 13: 19-24.
EcoReference No.: 64225
Chemical of Concern: MLT,TBC,FZFP,FNP,SXD,IZT,PAQT,GYP,GFS; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL(MLT,FNP,SXD,TARGET-GYP).
205. Noll, C. J. (1975). Herbicide Weeding of Cucumber Grown in A Stale Seed Bed. *Proc.Northeast.Weed Sci.Soc.* 29: 262-263.
EcoReference No.: 40857
Chemical of Concern: GYP,DMM,MBZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
206. Noste, N. V. and Phipps, H. M. (1978). Herbicide and Container System Effects on Survival and Early Growth of Conifers in Northern Wisconsin. *Forest Chro* 54: 209-212.
EcoReference No.: 41837
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,PHY,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
207. O'Brien, M. C. and Prendeville, G. N. (1979). Effect of Herbicides on Cell Membrane Permeability in *Lemna minor*. *Weed Res.* 19: 331-334.
EcoReference No.: 6963
Chemical of Concern: SZ,24DXY,GYP,LNR,OXF,PMT,AMTL,NaN3; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(SZ,NaN3),NO ENDPOINT(GYP,LNR,24DXY).
208. O'Sullivan, P. A., O'Donovan, J. T., and Weiss, G. M. (1983). Influence of Stage of Application of Glyphosate and Paraquat with and Without Tween 20 on the Control of Annual Grass Species. *Can.J.Plant Sci.* 63: 1039-1046.
EcoReference No.: 41020
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
209. Ogawa, M. and Kitamura, H. (1988). Biological Assay of Plant Growth-Regulating Compounds Using Lemnaceae Plants. *Annu.Rep.Sankyo Res.Lab.(Sankyo Kenkyusho Nempo)* 40: 91-99 (JPN)(ENG ABS).
EcoReference No.: 3228
Chemical of Concern: BTC,EPTC,PAQT,DCPA,GYP,LNR,NPM,24DXY,AMTL,PCP,MCPP1; Habitat: A; Effect Codes: GRO; Rejection Code: NO COC(CBL),NO ENDPOINT,NO

- CONTROL(GYP,LNR,24DXY).
210. Olesen, T., Jensen, P. K., and Kudsk, P. (1988). Effects of Co2-Enriched Water on the Performance of Herbicides and Growth Regulators. *Meded.Fac.Landbouwkd.Rijksuniv.Gent* 53: 1297-1302.
EcoReference No.: 75180
Chemical of Concern: PHMD,CSF,GYP,FZFB,DFQ,BMN,EPH; Habitat: AT; Effect Codes: GRO; Rejection Code: NO MIXTURE(BMN),ENDPOINT(ALL CHEMS).
211. Oloruntuyi, O. O., Mulero, O., and Odukale, B. (1993). The Effect of Two Pesticides on Clarias gariepinus. In: A.A.Eyo and A.M.Balogun (Eds.), *Proc.of the 10th Annu.Conf.of the Fish.Soc.of Nigeria Fison, Nov.16-20, 1992, Abeokuta, Nigeria* 173-177.
EcoReference No.: 19235
Chemical of Concern: GYPI,PQT; Habitat: A; Effect Codes: CEL,MOR; Rejection Code: NO CONTROL(GYPI).
212. Orlander, G., Nilsson, U., and Hallgren, J. E. (1996). Competition for Water and Nutrients Between Ground Vegetation and Planted Picea abies. *N.Z.J.For.Sci.* 26: 99-117.
EcoReference No.: 96961
Chemical of Concern: PMR,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO COC(GYP).
213. Parochetti, J. V. (1977). Herbicides for No-Tillage Double Cropped Soybeans. *Proc.Northeast.Weed Sci.Soc.* 31: 54-60.
EcoReference No.: 41107
Chemical of Concern: GYP,OXF,DMM,MBZ; Habitat: T; Effect Codes: MOR,REP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
214. Parochetti, J. V. and Bell, A. W. (1977). Residual Herbicides on No-Tillage Corn in a Rye Cover Crop. *Proc.Northeast.Weed Sci.Soc.* 31: 24-29.
EcoReference No.: 41106
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,CEL,PHY,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
215. Peluso, M., Munnia, A., Bolognesi, C., and Parodi, S. (1998). 32P-Postlabeling Detection of DNA Adducts in Mice Treated with the Herbicide Roundup. *Environ.Mol.Mutagen.* 31: 55-59.
EcoReference No.: 97737
Chemical of Concern: GYP,GYPI; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP,GYPI).
216. 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(PAQT),NO ENDPOINT,NO CONTROL(GYP).
217. 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

- TARGET(ATZ),NO ENDPOINT,NO CONTROL(GYP,24DXY).
218. Peterson, H. G., Boutin, C., Martin, P. A., Freemark, K. E., Ruecker, N. J., and Moody, M. J. (1994). Aquatic Phyto-Toxicity of 23 Pesticides Applied at Expected Environmental Concentrations. *Aquat.Toxicol.* 28: 275-292.
- EcoReference No.: 13800
Chemical of Concern:
ACL,CBL,24DXY,SZ,CBF,ATZ,BMN,TPR,MBZ,GYP,TET,MTC,IZT,DMM,PCL,CSF,HXZ;
Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL
CODED(CBL,ATZ,CBF,MTL,SZ,PCZ,ACL),NO ENDPOINT(GYP,24DXY,HXZ).
219. Pieterse, A. H. and Van Rijn, P. J. (1974). A Preliminary Study on the Response of Eichhornia crassipes, *Salvinia auriculata* and *Pistia strato*tes to Glyphosate. *Meded.Fak.Landbouwwet.Rijksuniv.Gent.* 39: 423-427.
- EcoReference No.: 96953
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,PHY,MOR; Rejection Code: NO ENDPOINT(GYP).
220. Pittaway, P. A. (1995). Opportunistic Association Between Pythium Species and Weed Residues Causing Seedling Emergence Failure in Cereals. *Aust.J.Agric.Res.* 46: 655-662.
- EcoReference No.: 97422
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO CONTROL(GYP).
221. 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).
222. Pool, R. A. F. (1977). A Rapid Bioassay for Pesticide Phytotoxicity. *J.Agric.Food Chem.* 25: 1216-1218.
- EcoReference No.: 43504
Chemical of Concern: SZ,BMC,CBL,DU,Captan,MLN,TFN,GYP,DCPA,BMY,MANEB; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).
223. Powell, H. A., Kerby, N. W., and Rowell, P. (1990). High-Performance Liquid Chromatographic Determination of the Herbicide Glyphosate and Its Metabolite (Aminomethyl)phosphonic Acid and Their Extraction from Cyanobacteria. *J.Chromatogr.* 502: 201-207.
- EcoReference No.: 97106
Chemical of Concern: GYP; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
224. Powell, H. A., Kerby, N. W., and Rowell, P. (1991). Natural Tolerance of Cyanobacteria to the Herbicide Glyphosate. *New Phytol.* 119: 421-426.
- EcoReference No.: 97526
Chemical of Concern: GYPI; Habitat: A; Effect Codes: BCM,GRO,PHY; Rejection Code: NO ENDPOINT(GYPI).
225. Powers, R. F. and Ferrell, G. T. (1995). Plantation Development as Constrained by Moisture,

- Nutrition, and Insects: the "Garden of Eden" Study. *In: R.E.Gaskin, A.Zabkiewicz, FRI Bulletin No.192, Popular Summaries from 2nd Int.Conf.on Forest Vegetation Management, Mar.20-24, 1995, Rotorua, New Zealand* 92-94.
- EcoReference No.: 93273
 Chemical of Concern: ACP,DMT,GYP,HXZ,TPR; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(GYP,HXZ,ACP,DMT).
226. Prezio, J. R., Lankester, M. W., Lautenschlager, R. A., and Bell, F. W. (1999). Effects of Alternative Conifer Release Treatments on Terrestrial Gastropods in Regenerating Spruce Plantations. *Can.J.For.Res.* 29: 1141-1148.
- EcoReference No.: 97067
 Chemical of Concern: GYPI,TPR; Habitat: T; Effect Codes: POP; Rejection Code: NO CONC(GYPI).
227. Putnam, A. R. (1976). Fate of Glyphosate in Deciduous Fruit Trees. *Weed Sci.* 24: 425-430.
- EcoReference No.: 43381
 Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,MOR,POP,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
228. Radosevich, S. R., Graves, W. L., and Agamalian, H. A. (1977). Response of Two Adenostoma Species to Several Herbicides. *Weed Sci.* 25: 188-192.
- EcoReference No.: 41472
 Chemical of Concern: 24DXY,GYP,TPR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,24DXY).
229. Radosevich, S. R., Roncoroni, E. J., Conard, S. G., and McHenry, W. B. (1980). Seasonal Tolerance of Six Coniferous Species to Eight Foliage-Active Herbicides. *For.Sci.* 26: 3-9.
- EcoReference No.: 43251
 Chemical of Concern: 24DXY,GYP,TPR,DPP1,ASM; Habitat: T; Effect Codes: PHY,MOR,GRO; Rejection Code: OK(TPR,ASM),OK TARGET(DPP1),NO ENDPOINT,NO CONTROL(GYP,24DXY).
230. Raker, R. J. (1978). Evaluation of Herbicides for Control of Yellow Nutsedge on Nursery Fields. *Ohio Ardc C* 236 : 51-52.
- EcoReference No.: 41842
 Chemical of Concern: GYP,NPP,ACR,BT; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
231. 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: LITE EVAL CODED(ATZ,SZ),NO ENDPOINT(GYP).
232. Ramaprabhu, T., Chakrabarty, N. M., Raghavan, S. L., and Kumariah, P. (1991). Potential of Glyphosate and 2,4-D DMA for Aquaphyte Management in India. *In: Proc.Natl.Symp.Freshwater Aquacult.*: 114-116.
- EcoReference No.: 14164
 Chemical of Concern: 24DXY,GYP; Habitat: A; Effect Codes: POP,MOR; Rejection Code: NO

- ENDPOINT(GYP,24DXY).
233. Rank, J., Jensen, A. G., Skov, B., Pedersen, L. H., and Jensen, K. (1993). Genotoxicity Testing of the Herbicide Roundup and Its Active Ingredient Glyphosate Isopropylamine Using the Mouse Bone Marrow Micronucleus Test, Salmonella Mutagenicity Test, and Allium Anaphase-Telophase Test. *Mutat.Res.* 300: 29-36.
- EcoReference No.: 97682
Chemical of Concern: GYPI; Habitat: T; Effect Codes: CEL; Rejection Code: NO
ENDPOINT(GYPI).
234. Reddy, M. V., Kumar, V., Reddy, V. R., Balashouri, P., Yule, D. F., Cogle, A. L., and Jangawad, L. S. (1995). Earthworm Biomass Response to Soil Management in Semi-arid Tropical Alfisol Agroecosystems. *Biol.Fertil.Soils* 19: 317-321.
- EcoReference No.: 74727
Chemical of Concern: CBF,GYP; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT.
235. Reeves, R., Thiruchelvam, M., and Cory-Slechta, D. A. (2004). Expression of Behavioral Sensitization to the Cocaine-Like Fungicide Triadimefon is Blocked by Pretreatment with AMPA, NMDA and DA D1 Receptor Antagonists. *Brain Res.* 1008: 155-167.
- EcoReference No.: 97692
Chemical of Concern: TDF,GYP; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO
COC(GYP),OK(TDF).
236. Reinbothe, S., Nelles, A., and Parthier, B. (1991). N-(Phosphonomethyl)Glycine (Glyphosate) Tolerance in Euglena gracilis Acquired by Either Overproduced or Resistant 5-Enolpyruvylshikimate-3-Phosphate Synthase. *Eur.J.Biochem.* 198: 365-373.
- EcoReference No.: 97680
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM; Rejection Code: NO
ENDPOINT(GYP).
237. Reinecke, A. J., Helling, B., Louw, K., Fourie, J., and Reinecke, S. A. (2002). The Impact of Different Herbicides and Cover Crops on Soil Biological Activity in Vineyards in the Western Cape, South Africa. *Pedobiologia* 46: 475-484.
- EcoReference No.: 70943
Chemical of Concern: GYP,SZ,PAQT; Habitat: T; Effect Codes: POP; Rejection Code: LITE
EVAL CODED(SZ),NO SPECIES(GYP).
238. Richardson, J. T., Frans, R. E., and Talbert, R. E. (1979). Reactions of Euglena gracilis to Fluometuron, MSMA, Metribuzin, and Glyphosate. *Weed Sci.* 27: 619-624.
- EcoReference No.: 6617
Chemical of Concern: GYP,MBZ,DMM; Habitat: A; Effect Codes: POP,BCM,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
239. Robbins, P. S., Hessney, M. L., and Eckenrode, C. J. (1991). Cabbage Maggot Control in Direct-Seeded Cabbage, 1990. *Insectic.Acaric.Tests* 16: 61-62 (12E).
- EcoReference No.: 96884
Chemical of Concern: CPY,GYP; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO
COC(GYP),TARGET(CPY).
240. Rom, R. C., Brown, S. A., and Markham, J. D. (1974). Glyphosate Toxicity to Apple Trees.

- Hortscience* 9: 594-595.
- EcoReference No.: 43235
Chemical of Concern: GYP; Habitat: T; Effect Codes: MOR,GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
241. Roshon, R. D., McCann, J. H., Thompson, D. G., and Stephenson, G. R. (1999). Effects of Seven Forestry Management Herbicides on *Myriophyllum sibiricum*, as Compared with Other Nontarget Aquatic Organisms. *Can.J.For.Res.* 29: 1158-1169.

EcoReference No.: 60978
Chemical of Concern: 24DXY,GYP,HXZ,IZP,MSFM,SMM,TPR; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO CONTROL(ALL CHEMS),TARGET(SMM).
242. Rovesti, L. and Deseo, K. V. (1990). Compatibility of Chemical Pesticides with the Entomopathogenic Nematodes, *Steinernema carpocapsae* Weiser and *S.feltiae* Filipjev (Nematoda: Steinernematidae) . *Nematologica* 36: 237-245.

EcoReference No.: 70083
Chemical of Concern:
FMP,PPG,AMZ,AND,MOM,PRT,MTAS,DZ,PRN,PPHD,ES,PAQT,ACR,DOD,CYX,TFN,OXF,PH MD,LNR,PNB,PZM,FSF,FRM,GYP; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO COC(CTN),NO ENDPOINT(ALL CHEMS),TARGET(MTAS).
243. Sacher, R. M. (1978). Safety of Roundup in the Aquatic Environment. In: *Proc.EWRS 5th Symp.on Aquat.Weeds* 315-331 .

EcoReference No.: 14789
Chemical of Concern: GYPI; Habitat: A; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(GYPI).
244. Saidak, W. J. and Marriage, P. B. (1976). Response of Canada Thistle Varieties to Amitrole and Glyphosate. *Can.J.Plant Sci.* 56: 211-214.

EcoReference No.: 43128
Chemical of Concern: 24DXY,GYP; Habitat: T; Effect Codes: GRO,POP,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
245. Sanderson, J. B., MacLeod, J. A., and Kimpinski, J. (1999). Glyphosate Application and Timing of Tillage of Red Clover Affects Potato Response to N, Soil N Profile, and Root and Soil Nematodes. *Can.J.Soil Sci.* 79: 65-72.

EcoReference No.: 72812
Chemical of Concern: GYP; Habitat: T; Effect Codes: BCM,POP; Rejection Code: NO ENDPOINT(GYP).
246. Santillo, D. J., Brown, P. W., and Leslie, D. M. Jr. (1989). Response of Songbirds to Glyphosate-Induced Habitat Changes on Clearcuts. *J.Wildl.Manag.* 53: 64-71.

EcoReference No.: 96940
Chemical of Concern: GYPI; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,TARGET(GYPI).
247. Sauls, B. T. (1999). Pesticide Risk Mitigation of Avian Wildlife in Iowa Agroecosystems. *Ph.D.Thesis, Texas Tech Univ.TX.*

EcoReference No.: 93607

- Chemical of Concern: LCYT,TFN,LCF,GYP,IZT,24D,QZF,ATZ,CRM,TBO,MTL,CZE,PDM,TFN;
Habitat: T; Effect Codes: MOR,REP,POP; Rejection Code: OK(ATZ),NO
MIXTURE(GYP,24D,LCF,MTL).
248. Schiffman, S. S., Suggs, M. S., Donia, M. B. A., Erickson, R. P., and Nagle, H. T. (1995). Environmental Pollutants Alter Taste Responses in the Gerbil. *Pharmacol.Biochem.Behav.* 52: 189-194.

EcoReference No.: 74836
Chemical of Concern: CBF,PYT,MTM,ACP,CPY,DEM,MLN,CBL,FNV,PAQT,GYP,SMM,EFV;
Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).
249. Schoenholtz, S. H., Burger, J. A., and Torbert, J. L. (1987). Natural Mycorrhizal Colonization of Pines on Reclaimed Surface Mines in Virginia. *J.Environ.Qual.* 16: 143-146.

EcoReference No.: 97321
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(GYP).
250. Schultz, M. E. and Burnside, O. C. (1979). Control of Hemp Dogbane with Foliar and Soil Applied Herbicides. *Agron.J.* 71: 723-730.

EcoReference No.: 43097
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
251. Scrivener, J. C. and Carruthers, S. (1989). Changes in the Invertebrate Populations of the Main Stream and Back Channels of Carnation Creek, British Columbia Following Spraying with the Herbicide ROUNDUP (Glyphosate). In: *Proc.Carnation Creek Herbicide Workshop, March 1989, Forestry, Canada, Victoria, B.C.* 263-272.

EcoReference No.: 9609
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
252. Segura, J., Bingham, S. W., and Foy, C. L. (1978). Phytotoxicity of Glyphosate to Italian Ryegrass (*Lolium multiflorum*) and Red Clover (*Trifolium pratense*). *Weed Sci.* 26: 32-36.

EcoReference No.: 41700
Chemical of Concern: GYP; Habitat: T; Effect Codes: GRO,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
253. Servizi, J. A., Gordon, R. W., and Martens, D. W. (1987). Acute Toxicity of Garlon 4 and Roundup Herbicides to Salmon, Daphnia, and Trout. *Bull.Environ.Contam.Toxicol.* 39: 15-22.

EcoReference No.: 12591
Chemical of Concern: GYP,TPR; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO CONTROL(GYP).
254. Shaner, D. L. and Lyon, J. L. (1979). Stomatal Cycling in *Phaseolus vulgaris* L. in Response to Glyphosphate. *Plant Sci l* 15: 83-88.

EcoReference No.: 43936
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
255. Sharon, A., Amsellem, Z., and Gressel, J. (1992). Glyphosphate Suppression of an Elicited Defense

- Response: Increased Susceptibility of Cassia obtusifolia to a Mycoherbicide. *Plant Physiol.* 98: 654-659.
- EcoReference No.: 97099
Chemical of Concern: GYP; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: NO ENDPOINT(GYP).
256. Shawa, A. Y. (1980). Control of Weeds in Cranberries (*Vaccinium macrocarpon* Cultivar Mcfarlin) with Glyphosate and Terbacil. *Weed Sci.* 28: 565-568.

EcoReference No.: 44038
Chemical of Concern: GYP,TRB; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
257. Shilling, D. G., Haller, W. T., and Mossler, M. A. (1990). Influence of Diluent Ions on Glyphosate Activity on Torpedo Grass (*Panicum repens* L.). In: *Conf., 8th Int.Symp.on Aquatic Weeds, Aug.13-17, 1990, Uppsala, Sweden, Eur.Weed Res.Soc., Wageningen, Netherlands* 187-192.

EcoReference No.: 96885
Chemical of Concern: CaCl₂,GYP; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(TARGET-GYP).
258. Siltanen, H. and Rosenberg, C. (1977). Residue Analyses of the Official Testing of Pesticides, 1976. In: *Publs.of the State Inst.of Agric.Chem., Helsinki, Finland, State Inst.of Agric.Chem.* 12: 68 p.

EcoReference No.: 94464
Chemical of Concern:
SZ,PCH,PMT,PHMD,MBZ,MTZ,MCPA,LNR,GYP,EPTC,EFS,DFQ,DPP1,CZE,CPP,BMN,TYF,TFR,CBF,IFP,Naled,BMY,CBD,CU,EPH,DCNA,DINO,TZL,ILL,MZB,Maneb,MTM,TBA,TPM,CQTC;
Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS),TARGET(LNR,GYP,EPTC).
259. Simenstad, C. A., Cordell, J. R., Tear, L., Weitkamp, L. A., Pavaglio, F. L., Kilbride, K. M., Fresh, K. L., and Grue, C. E. (1996). Use of Rodeo and X-77 Spreader to Control Smooth Cordgrass (*Spartina alterniflora*) in a Southwestern Washington Estuary: 2. Effects on Benthic Microflora and Invertebrates. *Environ.Toxicol.Chem.* 15: 969-978.

EcoReference No.: 16836
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
260. Singh, A. K., Sailaja, M. V., and Singh, H. N. (1989). A Class of Glyphosate-Selected Mutants of the Cyanobacterium *Nostoc muscorum* Showing Loss of Ammonium Transport Activity (Amt-), Heterocyst Formation (Het-) and Nitrogenase Activity (Nif-). *FEMS Microbiol.Lett.* 60: 187-192.

EcoReference No.: 96958
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,PHY,CEL; Rejection Code: NO ENDPOINT(GYP).
261. Singh, S. P. and Yadav, N. K. (1978). Toxicity of Some Herbicides to Major Carp Fingerlings. *Indian J.Ecol.* 5: 141-147.

EcoReference No.: 5636
Chemical of Concern: 24DXY,DU,GYP,SZ,PAQT,CuS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SZ,CuS),NO ENDPOINT,NO CONTROL(24DXY),NO CONTROL(GYP).

262. Siriworakul, M. and Benyasut, P. (1992). Control and Utilization of Cattail (*Typha latifolia L.*). *Manuscript, Weed Control and Research Branch, R.Irrig.Dep.Pakret Nonthaburi 11120, Thailand* 13 p.
EcoReference No.: 13377
Chemical of Concern: GYP,IZP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP,IZP).
263. Smith, B. E., Shilling, D. G., Haller, W. T., and MacDonald, G. E. (1993). Factors Influencing the Efficacy of Glyphosate on Torpedograss (*Panicum repens L.*). *J.Aquat.Plant Manage.* 31: 199-202.
EcoReference No.: 13803
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
264. Solberg, K. L. (1989). Chemical Treatment of Monodominant Cattail Stands in Semipermanent Wetlands: Duck, Invertebrate, and Vegetation Response. *M.S.Thesis, South Dakota State University, Brookings, SD* 105 p.
EcoReference No.: 6654
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(GYP).
265. Solberg, K. L. and Higgins, K. F. (1993). Effects of Glyphosate Herbicide on Cattails, Invertebrates, and Waterfowl in South Dakota Wetlands. *Wildl.Soc.Bull.* 21: 299-307.
EcoReference No.: 96964
Chemical of Concern: GYPI; Habitat: AT; Effect Codes: REP,POP; Rejection Code: NO CONTROL(GYPI).
266. Speese III, J. (1997). Foliar Sprays to Control Spider Mites on Soybeans, 1996. *Arthropod Manag.Tests* 22: 316 (129F).
EcoReference No.: 96769
Chemical of Concern: DMT,BFT,LCYT,CPY,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(BFT),NO COC(GYP).
267. Springett, J. A. and Gray, R. A. J. (1992). Effect of Repeated Low Doses of Biocides on the Earthworm *Aporrectodea caliginosa* in Laboratory Culture. *Soil Biol.Biochem.* 24: 1739-1744.
EcoReference No.: 87461
Chemical of Concern: Captan,AZ,GYP; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(AZ,Captan),NO ENDPOINT(GYP).
268. 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,GYP; Habitat: T; Rejection Code: NO MIXTURE(ALL CHEMs except GYP,TARGET-ATZ,SZ,GYP).
269. Sullivan, T. P. and Sullivan, D. S. (1979). The Effects of Glyphosate Herbicide on Food Preference and Consumption in Black-Tailed Deer. *Can.J.Zool.* 57: 1406-1412.
EcoReference No.: 35484
Chemical of Concern: GYP; Habitat: T; Rejection Code: NO ENDPOINT(GYP).

270. Sullivan, T. P. and Sullivan, D. S. (1982). Responses of Small-Mammal Populations to a Forest Herbicide Application in a 20-Year-Old Conifer Plantation. *J.Appl.Ecol.* 19: 95-106.
EcoReference No.: 35483
Chemical of Concern: GYPI; Habitat: T; Effect Codes: BEH, TOP; Rejection Code: NO ENDPOINT(GYPI).
271. Sun, F. (1987). Evaluating Acute Toxicity of Pesticides to Aquatic Organisms: Carp, Mosquito Fish and Daphnids. *Plant Prot.Bull.(Chih Wu Pao Hu Hsueh Hui Hui K'an)* 29: 385-396 (CHI) (ENG ABS).
EcoReference No.: 13451
Chemical of Concern:
BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,MZB,Maneb,B TC,TBC,FNV,Zn; Habitat: A; Effect Codes: MOR; Rejection Code: NO FOREIGN(BT,CBF,EP,GYP,PSM,TBC,CYP,DM,FPP,FVL,PMR,TMT,24DXY,ATN,FNF,PAQT,M ZB,Maneb,BTC,TBC,FNV,Zn),NO CONTROL(PSM).
272. Szarek, J., Babinska, I., Truszcynska, M., Kolman, R., Siwicki, A. K., Kowalski, I. M., Wojtacka, J., Kolman, H., Banaszkiewicz, T., and Skibniewska, K. A. (2006). Effect of the Herbicide Avans 330 SL on the Liver Pathomorphology of Clinically Healthy Carp (*Cyprinus carpio L.*) and Carp Infected by Ichthyophthirius multifiliis. *Arch.Pol.Fish.* 14: 169-182.
EcoReference No.: 96880
Chemical of Concern: GYP; Habitat: A; Effect Codes: BCM,GRO,CEL,BEH; Rejection Code: NO COC(GYP).
273. Szarek, J., Siwicki, A., Andrzejewska, A., Terech-Majewska, E., and Banaszkiewicz, T. (2000). Effects of the Herbicide Roundup on the Ultrastructural Pattern of Hepatocytes in Carp (*Cyprinus carpio*). *Mar.Environ.Res.* 50: 263-266.
EcoReference No.: 56640
Chemical of Concern: GYP; Habitat: A; Effect Codes: CEL; Rejection Code: NO ENDPOINT(GYP).
274. Takahashi, M. (2007). Oviposition Site Selection: Pesticide Avoidance by Gray Treefrogs. *Environ.Toxicol.Chem.* 26: 1476-1480.
EcoReference No.: 97685
Chemical of Concern: GYPI; Habitat: T; Effect Codes: MOR,REP,BEH; Rejection Code: NO ENDPOINT(GYPI).
275. Takeuchi, S., Matsuda, T., Kobayashi, S., Takahashi, T., and Kojima, H. (2006). In Vitro Screening of 200 Pesticides for Agonistic Activity via Mouse Peroxisome Proliferator-Activated Receptor (PPAR)alpha and PPARgamma and Quantitative Analysis of In Vivo Induction Pathway. *Toxicol.Appl.Pharmacol.* 217: 235-244.
EcoReference No.: 89206
Chemical of Concern:
AND,HCCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DF PM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,ETN,FMP,FNT,FNTH,GYP,IFP,MLN, MTM,MDT,MP,PRN,PRT,PHSL,PSM,PIRM,PFF,TBO,TVP,TCM,TCF,CYF,CYH,CYP,DM,EFX,F NV,FYT,FVL,PMR,PYN,TFT,TLM,BDC,BMY,CBL,CBD,CBF,CPP,MCB,MOM,MLT,OML,PHM D,PIM,TBC,THM,ACR,ASM,FTL,MLX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSF,DFZ,DU,L NR,PPN,AMZ,BPH,BTN,DZM,EXQ,FRM,FZN,ILL,IMC,IPD,MCPA,24DXY,PAQT,PDM,PCZ,SX D,TBAH,TPM,TDF,TFZ,TFN,TFR,VCZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: OK(ILL,PYN,DFPM),NO IN VITRO(ALL OTHER CHEMS).

276. Tate, T. M., Spurlock, J. O., and Christian, F. A. (1997). Effect of Glyphosate on the Development of Pseudosuccinea columella Snails. *Arch.Environ.Contam.Toxicol.* 33: 286-289.
EcoReference No.: 18593
Chemical of Concern: GYP; Habitat: A; Effect Codes: GRO,MOR; Rejection Code: NO ENDPOINT(GYP).
277. Teran, A. L., Alvarez, R. A., and Orlando, C. A. (1993). Effect of Currently Used Pesticides in Citrus Orchards on Two Aphelinid Parasitoids: Laboratory Tests. *J.Appl.Entomol.* 116: 20-24.
EcoReference No.: 90421
Chemical of Concern: GYP,BMC,PAQT,DU,BMY,MZB,Zineb,DCF,MDT,EPRN,CPY; Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(DCF),NO ENDPOINT(GYP,BMC,MZB),OK(CPY),TARGET(CPY).
278. Thayer, D. D. and Haller, W. T. (1985). Effect of Herbicides on Floating Aquatic Plants. *J.Aquat.Plant Manage.* 23: 94-95.
EcoReference No.: 12036
Chemical of Concern: EDT,GYP,24D; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(24D,GYP).
279. Thom, E. R. and Prestidge, R. A. (1996). Use of Italian Ryegrass on Seasonal Dairy Farms in Northern New Zealand. 1. Feed Production and Persistence. *N.Z.J.Agric.Res.* 39: 223-236.
EcoReference No.: 93688
Chemical of Concern: GYP,OML,IZF; Habitat: T; Effect Codes: BCM,POP,MOR,GRO; Rejection Code: NO ENDPOINT(GYP),NO COC(DPDP).
280. Tooby, T. E., Lucey, J., and Stott, B. (1980). The Tolerance of Grass Carp, *Ctenopharyngodon idella* Val., to Aquatic Herbicides. *J.Fish Biol.* 16: 591-597.
EcoReference No.: 575
Chemical of Concern: 24DXY,DU,GYP,PQT,DBN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(GYP,24DXY).
281. Torstensson, L. and Borjesson, E. (2004). Use of Imazapyr Against *Equisetum arvense* on Swedish Railway Tracks. *Pest Manag.Sci.* 60: 565-569.
EcoReference No.: 87323
Chemical of Concern: DU,GYP,IZP; Habitat: T; Effect Codes: POP; Rejection Code: NO CONTROL,ENDPOINT(ALL CHEMS),TARGET(GYP).
282. Toth, L. A. (2007). Establishment of Submerged Aquatic Vegetation in Everglades Stormwater Treatment Areas: Value of Early Control of Torpedograss (*Panicum repens*). *J.Aquat.Plant Manag.* 45: 17-20.
EcoReference No.: 97959
Chemical of Concern: IZP,GYP; Habitat: A; Effect Codes: POP; Rejection Code: NO MIXTURE(GYP),OK(IZP).
283. Tsui, M. T. K. and Chu, L. M. (2003). Aquatic Toxicity of Glyphosate-Based Formulations: Comparison Between Different Organisms and the Effects of Environmental Factors. *Chemosphere* 52: 1189-1197.
EcoReference No.: 71988
Chemical of Concern: GYP; Habitat: A; Effect Codes: POP,MOR; Rejection Code: NO

- CONTROL(GYP).
284. Tucker, D. P. H. (1977). Glyphosate Injury Symptom Expression in Citrus. *Hortscience* 12: 498-500.
EcoReference No.: 41571
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
285. Turgut, C. (2005). The Effect of Pesticides on Duckweed at Their Predicted Environmental Concentrations in Europe. *Fresenius Environ.Bull.* 14: 783-787 .
EcoReference No.: 85923
Chemical of Concern: DPP1,GYP,PYD,PDM,PCZ,TFN,CTN,MTSM,TSM,THFM,RIM; Habitat: A; Effect Codes: BCM,GRO; Rejection Code: NO ENDPOINT(ALL CHEMS).
286. Ueckert, D. N. and Whisenant, S. G. (1982). Individual Plant Treatments for Controlling Redberry Juniper Seedlings. *J.Range Manag.* 35: 419-423 .
EcoReference No.: 41265
Chemical of Concern: BMC,GYP,HXZ,TPR,PCL,TET,DBM; Habitat: T; Effect Codes: MOR; Rejection Code: OK TARGET(DBM),OK(TPR,PCL,TET),NO ENDPOINT,NO CONTROL(GYP,BMC,HXZ).
287. Uotila, M. K. E. and Iverson, T. H. (1980). Effects of Glyphosate on the Development and Cell Ultrastructure of White Mustard (*Sinapis alba*) Seedlings. *Weed Res.* 20: 153-158.
EcoReference No.: 44034
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,CEL,GRO,BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
288. Wan, M. T., Watts, R. G., and Moul, D. J. (1991). Acute Toxicity to Juvenile Pacific Northwest Salmonids of Basacid Blue NB755 and Its Mixture with Formulated Products of 2,4-D, Glyphosate, and Triclopyr. *Bull.Environ.Contam.Toxicol.* 47: 471-478 (OECDG Data File).
EcoReference No.: 5132
Chemical of Concern: 24DXY,GYP,TPR,AQS; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).
289. Wan, M. T., Watts, R. G., and Moul, D. J. (1987). Toxicity to Salmonids of the Herbicide Glyphosate (Roundup) and Its Surfactant (MON 0818). *Regional Prog.Rep.No.86-16, Dep.of the Environ.Conserv.and Prot., Pac.and Yukon Reg.*: 18 p.
EcoReference No.: 19316
Chemical of Concern: GYPI; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(GYPI).
290. Wan, W. T., Watts, R. G., and Moul, D. J. (1989). Effects of Different Dilution Water Types on the Acute Toxicity to Juvenile Pacific Salmonids and Rainbow Trout of Glyphosate and Its Formulated Products. *Bull.Environ.Contam.Toxicol.* 43: 378-385.
EcoReference No.: 924
Chemical of Concern: GYP; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(GYP).
291. Wang, W. (1994). Rice Seed Toxicity Tests for Organic and Inorganic Substances. *Environ.Monit.Assess.* 29: 101-107.

- EcoReference No.: 45060
Chemical of Concern: Ag,Cd,Cr,Cu,Mn,F,Ni,Pb,Zn,24DXY,BMC,GYP,CuCl,PAQT; Habitat: AT;
Effect Codes : GRO; Rejection Code: LITE EVAL CODED(CuCl),NO
ENDPOINT(GYP,24DXY,BMC).
292. Wang, Y. S., Jaw, C. G., and Chen, Y. L. (1994). Accumulation of 2,4-D and Glyphosate in Fish and Water Hyacinth. *Water Air Soil Pollut.* 74: 397-403 .
- EcoReference No.: 14516
Chemical of Concern: 24DXY,GYP; Habitat: A; Effect Codes: ACC; Rejection Code: NO
CONTROL(GYP,24DXY).
293. Watschke, T. L., Wehner, D. J., and Duich, J. M. (1976). Pre- and Postemergence Crabgrass Control in Turf. *Proc.Northeast.Weed Sci.Soc.* 30: 358-366.
- EcoReference No.: 40625
Chemical of Concern: GYP,NPP; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO
ENDPOINT,NO CONTROL(GYP).
294. Watschke, T. L. and Welterlen, M. S. (1979). Crabgrass (*Digitaria ischaemum*) Control with Single and Split Applications of Preemergence Herbicides. *Proc.Northeast.Weed Sci.Soc.* 33: 256-261.
- EcoReference No.: 41402
Chemical of Concern: GYP,BS,SID; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO
ENDPOINT,NO CONTROL(GYP,SID,BS).
295. Watson, M. C., Bartels, P. G., and Hamilton, K. C. (1980). Action of Selected Herbicides and Tween 20 on Oat (*Avena sativa*) Membranes. *Weed Sci.* 28: 122-127.
- EcoReference No.: 43329
Chemical of Concern: GYP,OYZ,ACR,DMB,TFN,PCL; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,OYZ),OK TARGET(DMB),OK(ACR,TFN,PCL).
296. Way, M. O. and Wallace, R. G. (1992). Soybean Insect Pest Control, 1990. *Insectic.Acaric.Tests* 17: 275-277 (115F).
- EcoReference No.: 79159
Chemical of Concern: LCYT,PMR,TLM,GYP; Habitat: T; Effect Codes: POP; Rejection Code: TARGET(PMR),NO COC(GYP,MTL).
297. Wehtje, G., Reed, R. B., and Dute, R. R. (1985). Reproductive Biology and Herbicidal Sensitivity of Maypop Passionflower (*Passiflora incarnata*). *Weed Sci.* 33: 484-490.
- EcoReference No.: 44085
Chemical of Concern: GYP,DMB,24DB,24DXY; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(DMB,24DB,24DXY),NO ENDPOINT,NO CONTROL(GYP).
298. Welker, W. V. Jr. and Riemer, D. N. (1973). Control of Fragrant Waterlily and Spatterdock in Irrigation Ditches with Glyphosate. *Proc.Northeast.Weed Sci.Soc.* 27: 105-107.
- EcoReference No.: 14694
Chemical of Concern: GYP,PAQT; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: NO
ENDPOINT(GYP).
299. Whigham, D. K. and Stoller, E. W. (1979). Soybean Desiccation by Paraquat, Glyphosate, and Ametryn to Accelerate Harvest. *Agron.J.* 71: 630-633.

- EcoReference No.: 41530
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,REP,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
300. 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,DBM,GYP,PAQT; Habitat: T; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS),TARGET(ATZ,MTL,CMZ,GYP).
301. Williams, G. H. and Foley, A. (1975). Effect of Herbicides on Bracken Rhizome Survival. *Ann.Appl.Biol.* 79: 109-111.
- EcoReference No.: 41579
Chemical of Concern: GYP,DMM,MBZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
302. Wills, G. D. (1975). Evaluation of Glyphosate for Post Emergence Control of Purple Nutsedge in Cotton. *Proc.South.Weed Sci.Soc.* 28: 54-57.
- EcoReference No.: 41585
Chemical of Concern: GYP; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(GYP).
303. Wyss, G. S. and Muller-Scharer, H. (2001). Effects of Selected Herbicides on the Germination and Infection Process of *Puccinia lagenophora*, a Biocontrol Pathogen of *Senecio vulgaris*. *Biol.Control* 20: 160-166.
- EcoReference No.: 83212
Chemical of Concern: MCPP1,24D,LNR,GYP; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(LNR),OK(24D,MCPP1),NO ENDPOINT(GYP).
304. Yarborough, D. E. and Ismail, A. A. (1979). Barrenberry Control in Lowbush Blueberry Fields Through Selective Application of 2,4-D and Glyphosate. *J.Am.Soc.Hortic.Sci.* 104: 786-789.
- EcoReference No.: 43040
Chemical of Concern: 24DXY,G0YP,GYP; Habitat: T; Effect Codes: POP,GRO,REP; Rejection Code: NO ENDPOINT(GYP).
305. Yarborough, D. E., Ismail, A. A., and Hepler, P. R. (1979). Effect of Contact Application of Glyphosate and 2,4-D on Black Barrenberry (*Aronia melanocarpa*) Under Greenhouse Conditions. *J Am S Hort* 104: 742-745.
- EcoReference No.: 43043
Chemical of Concern: 24DXY,GYP; Habitat: T; Effect Codes: CEL,PHY; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,24DXY).
306. Young, F. L., Gealy, D. R., and Morrow, L. A. (1984). Effect of Herbicides on Germination and Growth of Four Grass Weeds. *Weed Sci.* 32: 489-493.
- EcoReference No.: 44133
Chemical of Concern: GYP,DMM,MBZ,PZM; Habitat: T; Effect Codes: REP,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(GYP,PZM).
307. 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,DQTBr,PAQT,SZ,ATZ,PHSL; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

308. Zutter, B. R., Glover, G. R., and Gjerstad, D. H. (1986). Effects of Herbaceous Weed Control Using Herbicides on a Young Loblolly Pine Plantation. *For.Sci.* 32: 882-899.

EcoReference No.: 90970

Chemical of Concern: SMU,GYP,GYPI; Habitat: T; Effect Codes: POP; Rejection Code: OK TARGET(SMM),NO CONTROL,ENDPOINT(TARGET-GYP,GYPI).

ECOTOX Excluded Papers

1. Abate, L., De Stefano, C., Foti, C., and Sammartano, S. *. (1999). Binding of Glyphosate by Open-Chain Polyammonium Cations. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 18, no. 10, pp. 2131-2137. Oct 1999.
Rejection Code: CHEM METHODS.
2. Abate, L., Mineo, P., Rigano, C., Daniele, P. G., Prenesti, E., De Stefano C, and Sammartano, S. (1996). Speciation of N-(Phosphonomethyl)Glycine (Glyphosate) in Aqueous Solutions Containing Major Components of Natural Fluids. *Chemical speciation and bioavailability* 8: 59-65.
Rejection Code: CHEM METHODS.
3. Abawi, G. S. and Mai, W. F. (1985). Effect of Soil Type and Fumigation on the Population of Heterodera-Schachtii and Its Damage to Cabbage. *24th annual meeting of the society of nematologists, atlantic city, n.j., Usa, june 23-27, 1985. J nematol* 17: 489.
Rejection Code: ABSTRACT.
4. Abdullah, M. P., Daud, J., Hong, K. S., and Yew, C. H. (1995). Improved Method for the Determination of Glyphosate in Water. *Journal of chromatography a* 697: 363-369.
Rejection Code: CHEM METHODS.
5. Abrams, K., Hogan, D. J., and Maibach, H. I. (1991). Pesticide-Related Dermatoses in Agricultural Workers. *Occup med - state of the art rev* 6: 463-492.
Rejection Code: HUMAN HEALTH.
6. Acharya, B. D., Khattri, G. B., Chettri, M. K., and Srivastava, S. C. (2002). Effect of Brassica campestris var. toria as a Catch Crop on Orobanche aegyptiaca Seed Bank. *Crop Prot.* 21: 533-537 .
Rejection Code: NO TOXICANT.
7. Acquavella, J. F., Weber, J. A., Cullen, M. R., Cruz, O. A., Martens, M. A., Holden, L. R., Riordan, S., Thompson, M., and Farmer, D. (1999). Human Ocular Effects From Self-Reported Exposures to Roundup Herbicides. *Human & experimental toxicology* 18: 479-486.
Rejection Code: HUMAN HEALTH.
8. Adam, M., Mckone, W. D., and Shear, H. (1987). Report From a Workshop on Chemical Hazards to Fish and Fisheries. *Can tech rep fish aquat sci* 0: I-x, 1-105.
Rejection Code: REVIEW.
9. Adams, R. P., Gonza(acute)lez Elizondo, M. S., Elizondo, M. G., and Slinkman, E. (2006). Dna Fingerprinting and Terpenoid Analysis of Juniperus Blancoi Var. Huehuentensis (Cupressaceae), a New Subalpine Variety From Durango, Mexico. *Biochemical Systematics and Ecology* 34: 205-211.
Rejection Code: SURVEY.
10. Adams, V. D. , Watts, R. J., and Pitts, M. E. (1985). Organics. *J water pollut control fed* 57: 463-493.
Rejection Code: FATE.
11. Afarinkia, K., Rees, C. W., and Cadogan, J. Ig (1990). Synthesis of Organophosphorus Compounds Via Silyl Esters of Phosphorus Acids. *Tetrahedron* 46: 7175-7196.
Rejection Code: CHEM METHODS.
12. Aguayo, S., Roset, J., De la Torre, A. I., Cuellar, M. L., and Munoz, M. J. (2000). Miniaturized Ecotoxicity Assay with Chlorella vulgaris Using Different Endpoints (Ensayo de Ecotoxicidad Miniaturizado en Chlorella vulgaris Utilizando Diferentes Parametros de Expresion). *Rev.Toxicol.(Alicante Spain)* 17: 41-45 (SPA).
Rejection Code: NON-ENGLISH.
13. Aguirre, O., Hui, G., Von Gadow, K., and Jime(acute)nez, J. (2003). An Analysis of Spatial Forest Structure

- Using Neighbourhood-Based Variables. *Forest Ecology and Management*, 183 (1-3) pp. 137-145, 2003.
- Rejection Code: SURVEY.
14. Ahrens, J. F., Kuhns, L. J., Harpster, T. L., and Mervosh, T. L. (1997). An Evaluation of Four Glyphosate Formulations on Dormant Conifers. *94th annual international conference of the american society for horticultural science, salt lake city, utah, usa, july 23-26, 1997. Hortscience* 32: 493-494.
Rejection Code: ABSTRACT.
15. Akiyama, K., Ujike, H., Sakai, K., Shimizu, Y., Kodama, M., and Kuroda, S. (1998). Effect of 2,3-Dihydroxy-6-Nitro 7-Sulfamoyl-Benzo(F)Quinoxaline on Methamphetamine- and Cocaine-Induced Behavioral Sensitization. *Pharmacology Biochemistry and Behavior [Pharmacol. Biochem. Behav.]*. Vol. 61, no. 4, pp. 419-426. Dec 1998.
Rejection Code: HUMAN HEALTH.
16. Al-Tabbaa, A. and King, S. D. (1998). Time Effects of Three Contaminants on the Durability and Permeability of a Solidified Sand. *Environmental technology* 19: 401-408.
Rejection Code: FATE.
17. Alberg, D. G. and Bartlett, P. A. (1989). Potent Inhibition of 5 Enolpyruvylshikimate-3-Phosphate Synthase by a Reaction Intermediate Analogue. *J am chem soc* 111: 2337-2338.
Rejection Code: FATE, METHODS.
18. Alexandra, J. (1996). Herbicides or Poisons? *Plant protection quarterly* 11: 98-100.
Rejection Code: FATE.
19. Alferness, P. L. and Iwata, Y. (1994). Determination of Glyphosate and (Aminomethyl)Phosphonic Acid in Soil, Plant and Animal Matrices, and Water by Capillary Gas Chromatography With Mass-Selective Detection. *Journal of agricultural and food chemistry* 42: 2751-2759.
Rejection Code: CHEM METHODS.
20. Alferness, P. L., Onisko, B. C., and Partridge, L. G. (1997). Determination of Glyphosate in Crops by Gc-Msd Gc-Ms-Ms and Lc-Ms-Ms. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Agfd 91.
Rejection Code: CHEM METHODS.
21. Alibert, B., Sellier, H., and Souvre(acute), A. (2005). A Combined Method to Study Gene Flow From Cultivated Sugar Beet to Ruderal Beets in the Glasshouse and Open Field. *European Journal of Agronomy* 23: 195-208.
Rejection Code: METHODS.
22. Allen, S. E. , Parkinson, J. A., and Rowland, A. P. (1989). Pollutants. *Allen, s. E. (Ed.). Chemical analysis of ecological materials, second edition. Xii+368p. Blackwell scientific publications inc.: Cambridge, massachusetts, usa. Oxford, england, uk. Illus. Isbn 0-632-01742-2. 0: 201-239.*
Rejection Code: REVIEW.
23. Altland, J. E., Gilliam, C. H., and Wehtje, G. (2003). Weed Control in Field Nurseries. *HortTechnology* 13: 9-14.
Rejection Code: REVIEW.
24. Amerio, P., Motta, A., Toto, P., Pour, S. M., Pajand, R., Feliciani, C., and Tulli, A. (2004). Skin Toxicity From Glyphosate-Surfactant Formulation. *Journal of Toxicology: Clinical Toxicology [J. Toxicol.: Clin. Toxicol.]*. Vol. 42, no. 3, pp. 317-319. 2004.
Rejection Code: HUMAN HEALTH.
25. Amezaga, I., Gonzalez Arias, A., Domingo, M., Echeandia, A., and Onaindia, M. (1997). Atmospheric Deposition and Canopy Interactions for Conifer and Deciduous Forests in Northern Spain. *Water, Air,*

and Soil Pollution 97: 303-313.

Rejection Code: FATE.

26. Amoros, I., Alonso, J. L., Romaguera, S., and Carrasco, J. M. (2007). Assessment of Toxicity of a Glyphosate-Based Formulation Using Bacterial Systems in Lake Water. *Chemosphere [Chemosphere]*. Vol. 67, no. 11, pp. 2221-2228. May 2007.
Rejection Code: BACTERIA.
27. Amrhein, N., Hollaender-Czytko, H., Johaenning, D., Schulz, A., Smart, C. C., and Steinruecken, H. C. (1987). Overproduction of 5 Enolpyruvylshikimate-3-Phosphate Synthase in Glyphosate-Tolerant Plant Cell Cultures. *Green, c. E., Et al. (Ed.). Plant biology, vol. 3. Plant tissue and cell culture. Vith international congress, st. Paul, minnesota, usa, august 3-8, 1986. Xiv+509p. Alan r. Liss, inc.: New york, new york, usa. Illus. ISBN 0-8451-1802-1 .; 0: 119-134.*
Rejection Code: IN VITRO.
28. Amrhein, N., Johaenning, D., and Smart, C. C. (1985). A Glyphosate-Tolerant Plant Tissue Culture. *Neumann, k.-H., W. Barz and e. Reinhard (ed.). Proceedings in life sciences. Primary and secondary metabolism of plant cell cultures. Meeting, rauischholzhausen, west germany, 1981. Xi+377p. Springer-verlag new york, inc.: Secaucus, n.j., Usa; berlin, west germany. Illus. ISBN 0-387-15797-2; isbn 3-540-15797-2. 0: 356-361.*
Rejection Code: IN VITRO.
29. Anderson, J. (1989). Enhance Plus Glyphosate for Improved Control of Quackgrass Agropyron-Repens. *Annual meeting of the canadian pest management society, london, ontario, canada, june 22-26, 1987. Can j plant sci 69: 265.*
Rejection Code: ABSTRACT.
30. Anderson, J. L. (1991). Differential Response of Young Montmorency Cherry Trees on Mazzard and Mahaleb Rootstocks to Orchard Floor Management Systems. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience 26: 695.*
Rejection Code: ABSTRACT.
31. Anderson, K. S., Johnson, K. A., Benesi, A. J., and Sikorski, J. A. (1989). EpSP Synthase Isolation and Kinetic Characterization of an Intermediate in the Enzyme Reaction Pathway. *197th american chemical society national meeting, dallas, texas, usa, april 9-14, 1989. Abstr pap am chem soc 197: Agro 95.*
Rejection Code: FATE.
32. Anderson, K. S., Sikorski, J., and Johnson, K. A. (1988). Evaluation of 5 Enolpyruvylshikimate-3-Phosphate Synthase Substrate and Inhibitor Binding by Stopped-Flow and Equilibrium Fluorescence Measurements. *Biochemistry 27: 1604-1610.*
Rejection Code: CHEM METHODS.
33. Andrea, M. M., Papini, T. B., Peres, S., Bazarin, S., Savoy, V. L. T., and Matallo, M. B. (2004). Glyphosate: Influence on the Soil Bioactivity and Activity of Earthworms on Its Soil Dissipation (Glyphosate: Influencia na Bioatividade do solo e acao de Minhocas Sobre sua Dissipacao em Terra Agricola). *Planta Daninha 22: 95-100 (POR) (ENG ABS).*
Rejection Code: NON-ENGLISH.
34. Andrea, M. M., Papini, T. B., Peres, S., Bazarin, S., Savoy, V. L. T., and Matallo, M. B. (2004). Glyphosate: Influence on the Soil Bioactivity and Activity of Earthworms on Its Soil Dissipation (Glyphosate: Influencia Na Bioatividade Do Solo E Acao De Minhocas Sobre Sua Dissipacao Em Terra Agricola). *Planta Daninha 22: 95-100 (POR) (ENG ABS).*
Rejection Code: NON-ENGLISH.
35. Anon (1989). And a Search for Substitutes. *Citograph 74: 230.*
Rejection Code: ABSTRACT.

36. Anon (1998). Meeting on Molecular Biology to Advance Plant Protection in the 2000s Held at the Annual Convention of the Israeli Fund for Advancement of Research on and Development of Pesticides (Bet Dagan, Israel; November 5, 1997). *Phytoparasitica* 26: 149-152.
Rejection Code: ABSTRACT.
37. Anon (1985). Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)* 19: 11-20.
Rejection Code: NO TOX DATA.
38. Anonymous (1978). A Bioassay for Glyphosate. *Acta Bot.Sin.* 20: 276-278.
Rejection Code: NON-ENGLISH.
39. Anonymous (1978). A Bioassay for Glyphosate. *Acta Bot.Sin.* 20: 276-278.
Rejection Code: NON-ENGLISH.
40. Anthelme, F. and Marigo, G. (1998). Glyphosate Uptake in Catharanthus Roseus Cells: Involvement of a Plasma Membrane Redox System? *Pesticide Biochemistry and Physiology* 62: 73-86.
Rejection Code: IN VITRO.
41. Anton, F. A. , Cuadra, L. M., Gutierrez, P., Laborda, E., and Laborda, P. (1993). Degradation Behavior of the Pesticides Glyphosate and Diflubenzuron in Water. *Bulletin of environmental contamination and toxicology* 51: 881-888.
Rejection Code: FATE.
42. Anton, F. A. , Cuadra, L. M., Gutierrez, P., Laborda, E., and Laborda, P. (1993). Degradational Behavior of the Pesticides Glyphosate and Diflubenzuron in Water. *Bulletin of Environmental Contamination and Toxicology [BULL. ENVIRON. CONTAM. TOXICOL.]*. Vol. 51, no. 6, pp. 881-888. Dec 1993.
Rejection Code: FATE.
43. Arbuckle, T. E. and Sever, L. E. (1998). Pesticide Exposures and Fetal Death a Review of the Epidemiologic Literature. *Critical reviews in toxicology* 28: 229-270.
Rejection Code: HUMAN HEALTH.
44. Archibald, S. O. and Winter, C. K. (1989). Pesticide Residues and Cancer Risks. *Calif agric* 43: 6-9.
Rejection Code: HUMAN HEALTH.
45. Archibald, S. O. and Winter, C. K. (1990). Pesticides in Our Food Assessing the Risks. *Winter, c. K., J. N. Seiber and c. F. Nuckton (ed.). Chemicals in the human food chain. Xv+276p. Van nostrand reinhold: florence, kentucky, usa London, england, uk. Illus. Maps. ISBN 0-442-00421-4.; 0: 1-50.*
Rejection Code: HUMAN HEALTH.
46. Ares, J. O., Del Valle, H. F., and Olinuck, J. A. (2006). Exploring Improved Pesticide Management in Sub-Tropical Environments With Gis-Supported Fate Modeling. *Agricultural Systems* 91: 189-210.
Rejection Code: MODELING, FATE.
47. Arnaud, L., Ravanel, P., Anding, C., and Tissut, M. (1993). Penetration and Effects of Glyphosate in Isolated Potato Mitochondria. *Phytochemistry (oxf)* 32: 9-14.
Rejection Code: IN VITRO.
48. Arnott, R. (1997). St. John's Wort Experiences in Birnam Wood. *Workshop on st. John's wort: hypericum perforatum l.: Integrated control and management, canberra, act, australia, november 13-14, 1996. Plant protection quarterly* 12: 99-100.
Rejection Code: ABSTRACT.
49. Ashton, F. M. and Monaco, T. J. (1991). Weed Science Principles and Practices Third Edition. *Ashton, f. M. And t. J. Monaco. Weed science: principles and practices, third edition. Ix+466p. John wiley and sons, inc.: New york, new york, usa. Chichester, england, uk. Illus. ISBN 0-471-60084-9. 0: Ix+466p.*

Rejection Code: REVIEW.

50. Aubin, A. J. and Smith, A. E. (1992). Extraction of (Carbon-14)-Labeled Glyphosate From Saskatchewan Soils. *J agric food chem* 40: 1163-1165.
Rejection Code: FATE, METHODS.
51. Auge, R. M., Gealy, D. R., Ogg, A. G., and Franceschi, V. R. (1987). Comparative Effects of Glyphosate and Atrazine on Chloroplast Ultrastructure of Wheat and Downy Brome. *Annual meeting of the american society of plant physiologists, st. Louis, missouri, usa, july 19-23, 1987. Plant physiol (bethesda)* 83: 82.
Rejection Code: ABSTRACT.
52. Auger, J., Birkett, M. A., Coats, J., Cohen, S. Z., Hawkes, T. R., Lucca, P., Narayanan, K. S., Potrykus, I., and Robertson, A. (1998). All Specialisations Were Catered for at the Iupac Conference (London, Uk: August, 1998; Iupac). *International pest control* 40: 204-207.
Rejection Code: REVIEW.
53. Autran, J. C., Be(acute)ne(acute)trix, F., Bloc, D., Burghart, P., Chaurand, M., Combe, N., and Melcion, J. P. (2003). Composition and Technological Value of Genetically Modified and Conventional Maize (*Zea Mays L.*) Grains. *Sciences des Aliments* 23: 223-247.
Rejection Code: NO TOX DATA.
54. Avila, L. Z. , Loo, S. H., and Frost, J. W. (1987). Chemical and Mutagenic Analysis of Aminomethylphosphonate Biodegradation. *J am chem soc* 109: 6758-6764.
Rejection Code: BACTERIA.
55. Axelrad, J. C., Howard, C. V., and McLean, W. G. (2003). The Effects of Acute Pesticide Exposure on Neuroblastoma Cells Chronically Exposed to Diazinon. *Toxicology [Toxicology]. Vol. 185, no. 1-2, pp. 67-78. Mar 2003.*
Rejection Code: IN VITRO.
56. Bacon, J. R. and Spellenberg, R. (1996). Hybridization in Two Distantly Related Mexican Black Oaks *Quercus Conzattii* and *Quercus Eduardii* (Fagaceae: Quercus: Section Lobatae). SIDA, Contributions to Botany
- 17: 17-41.
Rejection Code: SURVEY.
57. Bagetta, G., Nair, S., Nistico, G. *, and Dolly, J. O. (1994). Hippocampal Damage Produced in Rats by Alpha - Dendrotoxin, a Selective K Super(+) Channel Blocker, Involves Non-Nmda Receptor Activation. *Neurochemistry International [NEUROCHEM. INT.J. Vol. 24, no. 1, pp. 81-90. 1994.*
Rejection Code: BIOLOGICAL TOXICANT.
58. Bahadir, M. and Pfister, G. (1990). Controlled Release Formulations of Pesticides. *Bahadir, m., P. Boeger, h. Buchenauer, m. Eto, m. A. Q. Khan, g. Pfister and g. Sandmann. Chemistry of plant protection, vol. 6. Controlled release, biochemical effects of pesticides, inhibition of plant pathogenic fungi. Ix+312p. Springer-verlag: berlin, west germany. New york, new york, usa. Illus. ISBN 3-540-51316-7; ISBN 0-387-51316-7 0: 1-64.*
Rejection Code: FATE.
59. Bailey, B. A., Collins, R., and Anderson, J. D. (2000). Factors Influencing the Herbicidal Activity of Nep1, a Fungal Protein That Induces the Hypersensitive Response in *Centaurea Maculosa*. *Weed Science, 48 (6) pp. 776-785, 2000.*
Rejection Code: BIOLOGICAL TOXICANT.
60. Baker, E. A. and Chamel, A. R. (1990). Herbicide Penetration Across Isolated and Intact Leaf Cuticles. *Pestic sci* 29: 187-196.
Rejection Code: IN VITRO.

61. Bale, A. S., Tu, Y., Carpenter-Hyland, E. P., Chandler, L. J., and Woodward, J. J. (2005). Alterations in Glutamatergic and Gabaergic Ion Channel Activity in Hippocampal Neurons Following Exposure to the Abused Inhalant Toluene. *Neuroscience [Neuroscience]*. Vol. 130, no. 1, pp. 197-206. 2005.
Rejection Code: IN VITRO, HUMAN HEALTH.
62. Balthazor, T. M. and Hallas, L. E. (1986). Glyphosate-Degrading Microorganisms From Industrial Activated Sludge. *Appl environ microbiol* 51: 432-434.
Rejection Code: BACTERIA.
63. Bansal, G. L. and Bhan, V. M. (1993). Status of Research on Allelopathy and Future Scope of Work in India. *Indian journal of agricultural sciences* 63: 769-776.
Rejection Code: REVIEW.
64. Barcelo, D. and Hennion, M. C. (1997). Sampling of Polar Pesticides From Water Matrices. *Analytica chimica acta* 338: 3-18.
Rejection Code: METHODS.
65. Barja, B. C. and Dos Santos Afonso M (1998). An Atr-Ftir Study of Glyphosate and Its Fe(III) Complex in Aqueous Solution. *Environmental science & technology* 32: 3331-3335.
Rejection Code: CHEM METHODS.
66. Barrett, M. (1997). Herbicide Selectivity Mechanisms in Maize: Using What We Know for the Future. *Br.Crop Prot.Conference- Weeds* 587-596.
Rejection Code: REFS CHECKED/REVIEW.
67. Barrett, M. (1997). Herbicide Selectivity Mechanisms in Maize Using What We Know for the Future. *British crop protection council. The 1997 brighton crop protection conference: weeds, vols. 1-3; international conference, brighton, england, uk, november 17-20, 1997. xxiv+442p.(Vol. 1); xxiv+451p.(Vol. 2); xxiv+307p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. ISBN 1-901396-45-2(set); isbn 1-901396-46-0(vol. 1); isbn 1-901396-47-9(vol. 2); isbn 1-901396-48-7(vol. 3).* 0: 587-596.
Rejection Code: FATE.
68. Barry, G. F. , Padgette, S. R., Kishore, G. M., and Fraley, R. T. (1997). Roundup Ready Technology. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Envr 93.
Rejection Code: METHODS.
69. Basuchaudhuri, P. (1989). Inhibition of Photosynthesis in Leaf Discs by Herbicides. *Curr sci (bangalore)* 58: 807-808.
Rejection Code: IN VITRO.
70. Battaglin, W. A., Thurman, E. M., Kolpin, D. W., Scribner, E. A., Sandstrom, M. W., and Kuivila, K. M. (2003). Work Plan for Determining the Occurrence of Glyphosate, Its Transformation Product Ampa, Other Herbicide Compounds, and Antibiotics in Midwestern United States Streams, 2002.
Rejection Code: FATE.
71. Bauer, K. H. , Knepper, T. P., Maes, A., Schatz, V., and Voihsel, M. (1999). Analysis of Polar Organic Micropollutants in Water With Ion Chromatography-Electrospray Mass Spectrometry. *Journal of chromatography a* 837: 117-128.
Rejection Code: CHEM METHODS.
72. Beach, E. D. , Fernandez-Cornejo, J., Huang, W. Y., and Uri, N. D. (1995). The Potential Risks of Groundwater and Surface Water Contamination by Agricultural Chemicals Used in Vegetable Production. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 30: 1295-1325.
Rejection Code: HUMAN HEALTH.

73. Beani, L., Bianchi, C., Guerrini, F., Marani, L., Pistocchi, R., Tomasini, M. C., Ceredi, A., Milandri, A., Poletti, R., and Boni, L. (2000). High Sensitivity Bioassay of Paralytic (PSP) and Amnesic (ASP) Algal Toxins Based on the Fluorimetric Detection of [Ca²⁺]i in Rat Cortical Primary Cultures. *Toxicology* 38: 1283-1297.
Rejection Code: BIOLOGICAL TOXICANT/IN VITRO.
74. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Field Crops, Forage Crops and Pastures. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91006, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Rejection Code: REVIEW.
75. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Fruit and Nut Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91004, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Rejection Code: REVIEW.
76. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Ornamentals and Turf. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91003, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Rejection Code: REVIEW.
77. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Chemicals for the Protection of Vegetable Crops. *Queensland Dep.of Primary Ind.Info.Ser.No.QI91005, Infopest: Chemicals for the Protection of Field Crops, Forage Crops, and Pastures, 2nd Edition, Brisbane, Queensland, Australia* 312 p.
Rejection Code: REVIEW.
78. Beavis, C., Simpson, P., Syme, J., and Ryan, C. (1991). Queensland Department of Primary Industries Information Series Qi91006. Infopest Chemicals for the Protection of Field Crops Forage Crops and Pastures 2nd Edition. *Beavis, c., P. Simpson, j. Syme and c. Ryan. Queensland department of primary industries information series, qi91006. Infopest: chemicals for the protection of field crops, forage crops and pastures, 2nd edition. Vi+312p. Queensland department of primary industries: brisbane, queensland, australia. Paper. ISBN 0-7242-3985-5. 0: Vi+312p.*
Rejection Code: REVIEW.
79. Beckett, R., Hotchin, D. M., and Hart, B. T. (1990). Use of Field-Flow Fractionation to Study Pollutant-Colloid Interactions. *J chromatogr* 517: 435-448.
Rejection Code: CHEM METHODS, FATE.
80. Beckett, R., Nicholson, G., Hotchin, D. M., Hart, B. T., Hart, B. T., and Sly, P. G. (eds) (1992). The Use of Sedimentation Field-Flow Fractionation to Study Suspended Particulate Matter.
Rejection Code: FATE, METHODS.
81. Beckie, H. J., Harker, K. N., Hall, L. M., Warwick, S. I., Le(acute)ge(grave)re, A., Sikkema, P. H., Clayton, G. W., Thomas, A. G., Leeson, J. Y., Se(acute)guin-Swartz, G., and Simard, M. J. (2006). A Decade of Herbicide-Resistant Crops in Canada. *Canadian Journal of Plant Science* 86: 1243-1264.
Rejection Code: REVIEW.
82. Belligno, A. , Sambuco, F., and Izzo, R. (2000). Action of Glyphosate Ammonium (Gpa) on the Nitrification Potential of Soil Treated With Two Different Slow-Release N-Fertilizers. *Fresenius Environmental Bulletin* 9: 489-498.
Rejection Code: FATE.
83. Bellinder, R. R., Gummesson, G., and Karlsson, C. (1994). Percentage-Driven Government Mandates for Pesticide Reduction: the Swedish Model. *Weed technology* 8: 350-359.
Rejection Code: NO TOX DATA.

84. Bellinger, F. P., Davidson, M. S., Bedi, K. S., and Wilce, P. A. (2002). Neonatal Ethanol Exposure Reduces Ampa but Not Nmda Receptor Levels in the Rat Neocortex. *Developmental Brain Research [Dev. Brain Res.] Vol. 136, no. 1, pp. 77-84. 30 May 2002.*
Rejection Code: HUMAN HEALTH.
85. Beltran, J., Gerritse, R. G., and Hernandez, F. (1998). Effect of Flow Rate on the Adsorption and Desorption of Glyphosate, Simazine and Atrazine in Columns of Sandy Soils. *European journal of soil science* 49: 149-156.
Rejection Code: FATE.
86. Bergan, R. C., Connel, Y., Fahmy, B., Kyle, E., and Neckers, L. (1993). Synthetic Oligonucleotides Potent Aptameric Inhibitors of Protein Tyrosine Kinases. *Keystone symposium on genetically targeted research and therapeutics: antisense and gene therapy, keystone, colorado, usa, april 12-18, 1993. J cell biochem suppl 0: 210.*
Rejection Code: FATE, IN VITRO.
87. Berner, D. K., Berggren, G. T., and Snow, J. P. (1990). Effects of Imazaquin Chlorimuron Ethyl and Glyphosate on in-Vitro Growth and Development of Calonectria-Crotalariae. *1990 annual meeting of the american phytopathological society and the canadian phytopathological society, grand rapids, michigan, usa, august 4-8, 1990. Phytopathology* 80: 1015.
Rejection Code: ABSTRACT.
88. Bertheussen, K., Yousef, M. I., and Figenschau, Y. (1997). A New Sensitive Cell Culture Test for the Assessment of Pesticide Toxicity. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 32: 195-211.
Rejection Code: IN VITRO.
89. Bewick, T. A., Binning, L. K., and Balke, N. E. (1988). Absorption and Translocation of Glyphosate in Cranberry. *85th annual meeting of the american society for horticultural science and the 33rd annual meeting of the canadian society for horticultural science, east lansing, michigan, usa, august 6-11, 1988. Hortscience* 23: 746.
Rejection Code: ABSTRACT.
90. Beyer, W. N. (1990). Evaluating Soil Contamination. *U s fish wildl serv biol rep* 90: I-viii, 1-25.
Rejection Code: FATE.
91. Bezbarua, B., Bora, T., and Saikia, N. (1999). Ureolytic Nitrification Activities in Forest and Tea (*Camellia Sinensis*) Plantation Soils and Evaluation of Ureolytic Nitrifier Sensitivity to Pesticides. *Indian journal of agricultural sciences* 69: 24-29.
Rejection Code: FATE, BACTERIA.
92. Bezbarua, B., Saikia, N., and Bora, T. (1995). Effect of Pesticides on Most Probable Number of Soil Microbes From Tea (*Camellia Sinensis*) Plantations and Uncultivated Land Enumerated in Enrichment Media. *Indian journal of agricultural sciences* 65: 578-583.
Rejection Code: BACTERIA.
93. Bhullar, B. S., Mestemacher, M. A., and Sangha, J. S. (1999). Development of an Ultrasensitive Enzyme Immunoassay for the Analysis of Glyphosate in Community Water Systems. *218th national meeting of the american chemical society, parts 1 and 2, new orleans, louisiana, usa, august 22-26, 1999. abstracts Of papers american chemical society* 218: Agro 135.
Rejection Code: FATE, CHEM METHODS.
94. Bigge, C. F., Malone, T. C., Boxer, P. A., Nelson, C. B., Ortwine, D. F., Schelkun, R. M., Retz, D. M., Lescosky, L. J., Borosky, S. A., Vartanian, M. G., Schwarz, R. D., Campbell, G. W., Robichaud, L. J., and Watjen, F. (1995). Synthesis of 1,4,7,8,9,10-Hexahydro-9-Methyl 6-Nitropyrido[3,4-f]-Quinoxaline-2,3-Dione and Related Quinoxalinediones: Characterization of Alpha -Amino-3-Hydroxy-5-Methyl-4-Isoxazolepropionic Acid (and N-Methyl-D-Aspartate) Receptor and

- Anticonvulsant Activity. *J.Med.Chem.* 38: 3720-3740.
Rejection Code: IN VITRO.
95. Binarova, P. , Cvirkova, M., Havlicky, T., Eder, J., and Plevkova, J. (1994). Changes of Shikimate Pathway in Glyphosate Tolerant Alfalfa Cell Lines With Reduced Embryogenic Ability. *Biologia Plantarum* 36: 65-73.
Rejection Code: IN VITRO.
96. Bishop, C. A., Van der Kraak, G. J., Ng, P., Smits, J. E. G., and Hontela, A. (1998). Health of Tree Swallows (*Tachycineta bicolor*) Nesting in Pesticide-Sprayed Apple Orchards in Ontario, Canada. II. Sex and Thyroid Hormone Concentrations and Testes Development. *J.Toxicol.Environ.Health Part A* 55: 561-581.
Rejection Code: MIXTURE.
97. Black, A. (1985). No-Till Peaches Get Head Start. *Agric res (wash d c)* 33: 14.
Rejection Code: ABSTRACT.
98. Black, B. D. , Russin, J. S., Griffin, J. L., and Snow, J. P. (1995). Impact of Soybean Glycine Max Herbicides on Growth and Development of Rhizoctonia Solani Ag-1 in Vitro and in Field. *Meeting of the american phytopathological society, southern division, new orleans, louisiana, usa, january 28-february 1, 1995. Phytopathology* 85: 508.
Rejection Code: ABSTRACT.
99. Blade, S. F. (1999). Field Pea Production in Alberta: Success of a "New" Crop. *Annual meeting of the canadian society of agronomy, vancouver, british columbia, canada, 1998. Canadian Journal of plant science* 79: 118.
Rejection Code: ABSTRACT.
100. Blair, M. W., Giraldo, M. C., Buendi(acute)a, H. F., Tovar, E., Duque, M. C., and Beebe, S. E. (2006). Microsatellite Marker Diversity in Common Bean (*Phaseolus Vulgaris L.*). *Theoretical and Applied Genetics* 113: 100-109.
Rejection Code: NO TOX DATA.
101. Blair, M. W., Mun(tilde)oz, C., Garza, R., and Cardona, C. (2006). Molecular Mapping of Genes for Resistance to the Bean Pod Weevil (*Apion Godmani Wagner*) in Common Bean. *Theoretical and Applied Genetics* 112: 913-923.
Rejection Code: NO TOX DATA.
102. Blaschke, M., Keller, B. U., Rivosecchi, R., Hollmann, M., Heinemann, S., and Konnerth, A. *. (1993). A Single Amino Acid Determines the Subunit-Specific Spider Toxin Block of Alpha -Amino-3-Hydroxy-5-Methylisoxazole-4-Propionate/Kainate Receptor Channels. *Proceedings of the National Academy of Sciences, USA [PROC. NATL. ACAD. SCI. USA]*. Vol. 90, no. 14, pp. 6528-6532. 1993.
Rejection Code: BIOLOGICAL TOXICANT.
103. Blay, S. and Green, J. (1994). The Practicalities of Domestic Legislation to Prohibit Mining Activity in Antarctica: a Comment on the Australian Perspective. *Polar Record [POLAR REC.]*. Vol. 30, no. 172, pp. 23-32. 1994.
Rejection Code: NO TOX DATA.
104. Blondell, J. (1997). Epidemiology of Pesticide Poisoning in the United States With Special Reference to Occupational Cases. *Occupational medicine (philadelphia)* 12: 209-220.
Rejection Code: HUMAN HEALTH.
105. Blumenfeld, T., Kleifeld, Y., Herzlinger, G., Bucsbaum, H., and Golan, S. (1990). Terminating Application of Herbicides in Drip-Irrigated Cotton. *11th conference of the weed science society of israel, bet dagan, israel, february 26-27, 1990. Phytoparasitica* 18: 265.
Rejection Code: ABSTRACT.

106. Bode, R. (1987). Specificity of Glyphosate Action. *Xivth international botanical congress, berlin, west germany, july 24-august 1, 1987. Int bot congr abstr* 17: 70.
Rejection Code: ABSTRACT.
107. Bode, R. and Birnbaum, D. (1989). Specificity of Glyphosate Action in *Candida maltosa*. *Biochem.Physiol.Pflanz.* 184: 163-170.
Rejection Code: YEAST.
108. Bode, R., Kunze, G., and Birnbaum, D. (1985). Reversal of Glyphosate-Induced Growth Inhibition of *Candida-Maltosa* by Several Amino-Acids and Pyruvate. *Biochem physiol pflanz (bpp)* 180: 613-619.
Rejection Code: YEAST.
109. Bolognesi C. (1997). Genotoxicity of glyphosate and Roundup. *Food and Chemical Toxicology* 35: 856.
Rejection Code: ABSTRACT.
110. Bolognesi, C., Bonatti, S., Degan, P., Peluso, M., Rabboni, R., Roggieri, P., and Abbondandolo, A. (1994). Genotoxicity of Some Pesticides Used in Floriculture Comparative Evaluation of Active Ingredients and Agrochemical Formulations. *85th annual meeting of the american association for cancer research, san francisco, california, usa, april 10-13, 1994. Proceedings of the american association for cancer research annual meeting* 35: 144.
Rejection Code: ABSTRACT.
111. Borgland Stephanie L, Malenka Robert C, and Bonci Antonello (2004). Acute and Chronic Cocaine-Induced Potentiation of Synaptic Strength in the Ventral Tegmental Area: Electrophysiological and Behavioral Correlates in Individual Rats. *Journal of Neuroscience [J. Neurosci.]*. Vol. 24, no. 34, pp. 7482-7490. 25 Aug 2004.
Rejection Code: HUMAN HEALTH.
112. Botsford, J. L. (30001). Determining the Toxicity of Herbicides Using a Novel Method.
Rejection Code: METHODS, BACTERIA.
113. Bottger, W. (1979). Wirkung Einer Chemischen Bekampfung Mit Roundup Im Weizendaueranbau. *Ges Pflanz* 31: 118-124.
Rejection Code: NON-ENGLISH.
114. Boudreau, A. m. y. C and Wolf Marina E (2005). Behavioral Sensitization to Cocaine Is Associated With Increased Ampa Receptor Surface Expression in the Nucleus Accumbens. *Journal of Neuroscience [J. Neurosci.]*. Vol. 25, no. 40, pp. 9144-9151. 5 Oct 2005.
Rejection Code: HUMAN HEALTH.
115. Bouwman, G. M. (1991). Dsir Department of Scientific and Industrial Research Plant Protection Report No. 5. Carnations a Survey of Pest and Disease Control. *Bouwman, g. M. Dsir (department of scientific and industrial research) plant protection report, no. 5. Carnations: a survey of pest and disease control. Ii+54p. Dsir (department of scientific and industrial research): auckland, new zealand. Paper. 0: Ii+54p.*
Rejection Code: SURVEY.
116. Bowen, P. (1995). Tillage and Cover-Cropping Affect Weed Populations and Yield of Broccoli and Cauliflower. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 882.
Rejection Code: ABSTRACT.
117. Bowmer, K., Korth, W., Thomas, M., and McCorkelle, G. (1994). River Pollution With Agricultural Chemicals. *Roberts, j. And r. Oliver (ed.). The murrumbidgee: past and present. A forum on past and present research on the lower murrumbidgee river, griffith, new south wales, australia, april 1994.*

V+125p. Csiro publications: east melbourne, victoria, australia. ISBN 0-643-05660-2 0: 7-19.
Rejection Code: FATE.

118. Bowmer, K. H. (1986). Rapid Biological Assay and Limitations in Macrophyte Ecotoxicology a Review. *Aust j mar freshwater res* 37: 297-308.
Rejection Code: REVIEW.
119. Boyd, R. J. , Miller, D. L., Kidd, F. A., and Ritter, C. P. (1985). Herbicides for Forest Weed Control in the Inland Northwest Usa a Summary of Effects on Weeds and Conifers. *U s for serv gen tech rep int* 0: 1-66.
Rejection Code: REVIEW.
120. Boyd, R. S. and Miller, J. H. (1997). Forest Herbicide Site Preparation Treatments Have Little Impact on Plant Diversity 11 Years Posttreatment. *Annual meeting of the ecological society of america held jointly with the nature conservancy on changing ecosystems: natural and human influences, albuquerque, new mexico, usa, august 10-14, 1997. Bulletin of the ecological society of america* 78 : 58.
Rejection Code: ABSTRACT.
121. Boydston, R. A. (1996). Volunteer Potato Control in Field Corn. *80th annual meeting of the potato association of america, idaho falls, idaho, usa, august 11-15, 1996. American potato journal* 73: 345.
Rejection Code: ABSTRACT.
122. Boyetchko, S. M., Bailey, K. L., Hall, W., Sawchyn, K., Nelson, T., and Derby, J. (1999). Interaction of Glyphosate With Microbial Biocontrol Agents for Canada Thistle. *Annual meeting of the american phytopathological society, montreal, quebec, canada, august 7-11, 1999. Phytopathology* 89: S8.
Rejection Code: ABSTRACT.
123. Bradberry, S. M. (2005). Glyphosate: Features and Management of Poisoning With Commercial Formulations. *Clinical Toxicology [Clin. Toxicol.]*. Vol. 43, no. 5, pp. 424-425. 2005.
Rejection Code: HUMAN HEALTH.
124. Bradberry, S. M., Proudfoot, A. T., and Vale, J. A. (2004). Glyphosate Poisoning. *Toxicological Reviews [Toxicol. Rev.]*. Vol. 23, no. 3, pp. 159-167. 2004.
Rejection Code: HUMAN HEALTH.
125. Bradley, C. A., Hart, S. E., and Pedersen, W. L. (1997). Interaction of Rhizoctonia Disease of Soybeans and Four Postemergence Herbicides on Four Soybean Cultivars in the Greenhouse. *Annual meeting of the american phytopathological society, rochester, new york, usa, august 9-13, 1997. Phytopathology* 87: S11.
Rejection Code: ABSTRACT.
126. Bradley, C. A., Hartman, G. L., Wax, L. M., Hart, S. E., and Pedersen, W. L. (1998). The Effect of Soybean Cyst Nematode on Soybeans Treated With Pre-Emerge and Post-Emerge Herbicides. *Annual meeting of the american phytopathological society, las vegas, nevada, usa, november 8-12, 1998. Phytopathology* 88: S10.
Rejection Code: ABSTRACT.
127. Bradshaw, L. D., Padgette, S. R., Kimball, S. L., and Wells, B. H. (1997). Perspectives on Glyphosate Resistance. *Weed Technology* 11: 189-198.
Rejection Code: REVIEW.
128. Brake, D. G. and Evenson, D. P. (2004). A Generational Study of Glyphosate-Tolerant Soybeans on Mouse Fetal, Postnatal, Pubertal and Adult Testicular Development. *Food Chem. Toxicol.* 42: 29-36.
Rejection Code: NO TOX DATA.
129. Brammall, R. A. and Higgins, V. J. (1986). The Effect of Glyphosate on Resistance of Tomato to

- Fusarium Crown and Root Rot Disease. *1986 annual meeting of the american phytopathological society and of the caribbean and southern divisions, kissimmee, florida, usa, august 10-14, 1986.* *Phytopathology* 76: 1125.
Rejection Code: ABSTRACT.
130. Brewster, M. A., Rupe, W., and Rafferty, M. H. (1992). Small Area Pesticides Data: Multiplicity and Variability of Pesticide Usage on Southern Row Crops. *Arch environ contam toxicol* 23: 289-294.
Rejection Code: HUMAN HEALTH.
131. Broadley, R. H. (1992). Queensland Department of Primary Industries Information Series Qi90016. Protect Your Strawberries 2nd Edition. *Broadley, r. H. (Ed.). Queensland department of primary industries information series, qi90016. Protect your strawberries, 2nd edition. Vi+82p. Queensland department of primary industries: brisbane, queensland, australia. Illus. Paper. Isbn 0-7242-3238-9. 0: Vi+82p.*
Rejection Code: REVIEW.
132. Broenstad, J. O. and Friestad, H. O. (1976). Method for Determination of Glyphosate Residues in Natural Waters Based Onpolarography of the N-Nitroso Derivative. *Analyst. Vol. 101, no. 1207, pp. 820-824. 1976.*
Rejection Code: CHEM METHODS.
133. Bromilow, R. H. and Chamberlain, K. (2000). The Herbicide Glyphosate and Related Molecules: Physicochemical and Structural Factors Determining Their Mobility in Phloem. *Pest Management Science* 56: 368-373.
Rejection Code: FATE.
134. Bromilow, R. H., Chamberlain, K., and Evans, A. A. (1990). Physicochemical Aspects of Phloem Translocation of Herbicides. *Weed sci* 38: 305-314.
Rejection Code: FATE.
135. Bromilow, R. H., Chamberlain, K., and Patil, S. G. (1990). A Rapid Method Using Ricinus Communis for the Estimation of Phloem Translocation of Xenobiotics. *Pestic sci* 30: 1-12.
Rejection Code: METHODS, FATE.
136. Bromilow, R. H., Chamberlain, K., Tench, A. J., and Williams, R. H. (1993). Phloem Translocation of Strong Acids: Glyphosate, Substituted Phosphonic and Sulfonic Acids in Ricinus Communis L. *Pestic sci* 37: 39-47.
Rejection Code: FATE.
137. Brown, A. E. and Black, D. Lr (1985). Effects of Calcium-Ion Concentration and Edta on Microbial Retting of Flax Linum-USitatissimum. *Trans br mycol soc* 85: 625-630.
Rejection Code: FATE.
138. Brown, D. J., Clark, G. C., Gardner, G. R., and Van Beneden Rj (1996). Identification of Dioxin-Specific Binding Proteins in Marine Bivalves. *8th international symposium on pollutant responses in marine organisms, pacific grove, california, usa, april 2-5, 1995. Marine environmental research* 42: 7-11.
Rejection Code: HUMAN HEALTH.
139. Brown, J., Thill, D. C., Brown, A. P., and Brammer, T. A. (1996). Gene Transfer Between Genetically Engineered Canola Brassica Napus L. And Related Weed Species. *Annual meeting of the botanical society of america held with the american institute of biological sciences, seattle, washington, usa, august 3-8, 1996. American journal of botany* 83: 55.
Rejection Code: ABSTRACT.
140. Brown, L. M., Burmeister, L. F., Everett, G. D., and Blair, A. (1993). Pesticide Exposures and Multiple Myeloma in Iowa Men. *Cancer causes control* 4: 153-156.

Rejection Code: HUMAN HEALTH.

141. Brown, M. A., Kim, I. S., Sasinos, F. I., and Stephens, R. D. (1990). Analysis of Target and Nontarget Pollutants in Aqueous and Hazardous Waste Samples by Liquid Chromatography-Particle Beam Mass Spectrometry. *Brown, m. A. (Ed.). Acs (american chemical society) symposium series, no. 420. Liquid chromatography spectrometry: applications in agricultural, pharmaceutical, and environmental chemistry. 197th national meeting, dallas, texas, usa, april 9-14, 1989. Xii+298p. American chemical society: washington, d.c., Usa. Illus. ISBN 0-8412-1740-8. 0: 198-214.*
Rejection Code: FATE, CHEM METHODS.
142. Brown, T., Hagedorn, C., Johnels, A., Lacy, G., Landa, V., Peakall, D., Pimentel, D., Soldan, T., and Veleminsky, J. (1992). Methods to Assess Toxic Effects on Ecosystems. *Tardiff, r. G. (Ed.). Scope (scientific committee on problems of the environment), no. 49. Methods to assess adverse effects of pesticides on non-target organisms. Workshop, ceske budejovice, czechoslovakia, october 3-7, 1988. Xxvii+270p. John wiley and sons ltd.: Chichester, england, uk; new york, new york, usa. Illus. ISBN 0-471-93156-x. 0: 65-76.*
Rejection Code: REVIEW.
143. Brudenell, A. Jp, Baker, D. A., and Grayson, B. T. (1995). Phloem Mobility of Xenobiotics: Tabular Review of Physicochemical Properties Governing the Output of the Kleier Model. *Plant growth regulation* 16: 215-231.
Rejection Code: FATE, MODELING.
144. Brust, G. E. and King, L. R. (1994). Effects of Crop Rotation and Reduced Chemical Inputs on Pests and Predators in Maize Agroecosystems. *Agric.Ecosyst.Environ.* 48: 77-89.
Rejection Code: MIXTURE.
145. Burgat, V., Keck, G., Guerre, P., Bigorre, V., and Pineau, X. (1998). Glyphosate Toxicosis in Domestic Animals: a Survey From the Data of the Centre National D'informations Toxicologiques Veterinaires (Cnity). *Veterinary and human toxicology* 40: 363-367.
Rejection Code: SURVEY.
146. Burger, J. (1999). Recreation, Consumption of Wild Game, Risk, and the Department of Energy Sites: Perceptions of People Attending the Lewiston, Id, "Roundup". *Journal of Toxicology and Environmental Health [J. Toxicol. Environ. Health]. Vol. 56, no. 4, pp. 221-234. 1999.*
Rejection Code: HUMAN HEALTH.
147. Burgess, J. L., Pappas, G. P., and Robertson, W. O. (1997). Hazardous Materials Incidents: the Washington Poison Center Experience and Approach to Exposure Assessment. *Journal of occupational and environmental medicine* 39: 760-766.
Rejection Code: HUMAN HEALTH.
148. Burke, S. J., Yin Hong-Zhen, and Weiss, J. H. *. (1995). Ca Super(2+) and in Vitro Kainate Damage to Cortical and Hippocampal Smi-32(+) Neurons. *Neuroreport. Vol. 6, no. 4, pp. 629-632. 1995.*
Rejection Code: IN VITRO.
149. Burks, A. W. and Fuchs, R. L. (1995). Assessment of the Endogenous Allergens in Glyphosate-Tolerant and Commercial Soybean Varieties. *Journal of allergy and clinical immunology* 96: 1008-1010.
Rejection Code: HUMAN HEALTH.
150. Busby, D. (1997). Hypericum Current Control Strategies in the Australian Capital Territory. *Workshop on st. John's wort: hypericum perforatum l.: Integrated control and management, canberra, act, australia, november 13-14, 1996. Plant protection quarterly* 12: 101.
Rejection Code: ABSTRACT.
151. Cabanettes, J. P. (1983). Use of Glyphosate Before Harvest. Special Study on Selectivity (Utilisation

- du Glyphosate Avant Moisson Etude Particuliere de la Selective). *Coluna 3*: 103-109 (FRE).
Rejection Code: NON-ENGLISH.
152. Cain, N. P. (1995). Effect of Site Preparation on Seeding of Wildflower or Prairie Mixtures in Ontario. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 798.
Rejection Code: ABSTRACT.
153. Calvet, R. (1989). Adsorption of Organic Chemicals in Soils. *Environ health perspect* 83: 145-178.
Rejection Code: FATE, MODELING.
154. 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.
Rejection Code: REVIEW.
155. Campbell, J., Formanowicz, D. R Jr, and Brodie, E. D Jr (1989). Potential Impact of Rattlesnake Roundups on Natural Populations. *Tex j sci* 41: 301-318.
Rejection Code: SURVEY.
156. Cao, M. X., Huang, J. Q., Wei, Z. M., Yao, Q. H., Wan, C. Z., and Lu, J. A. (2004). Engineering Higher Yield and Herbicide Resistance in Rice by Agrobacterium-Mediated Multiple Gene Transformation. *Crop Science* 44: 2206-2213.
Rejection Code: NO TOX DATA.
157. Carlisle, S. M. and Trevors, J. T. (1986). Effect of the Herbicide Glyphosate on Nitrification Denitrification and Acetylene Reduction in Soil. *Water air soil pollut* 29: 189-204.
Rejection Code: FATE.
158. Carlisle, S. M. and Trevors, J. T. (1986). Effect of the Herbicide Glyphosate on Respiration and Hydrogen Consumption in Soil. *Water air soil pollut* 27: 391-402.
Rejection Code: FATE.
159. Carlisle, S. M. and Trevors, J. T. (1988). Glyphosate in the Environment. *Water air soil pollut* 39: 409-420.
Rejection Code: REVIEW.
160. Carpenter-Hyland Ezekiel P, Woodward John J, and Chandler LJudson (2004). Chronic Ethanol Induces Synaptic but Not Extrasynaptic Targeting of Nmda Receptors. *Journal of Neuroscience [J. Neurosci.J. Vol. 24, no. 36, pp. 7859-7868. 8 Sep 2004.*
Rejection Code: HUMAN HEALTH, IN VITRO.
161. Carpenter, J. and Gianessi, L. (1999). Herbicide Tolerant Soybeans: Why Growers Are Adopting Roundup Ready Varieties. *AgBioForum* 2: 65-72.
Rejection Code: REVIEW.
162. Carriedo, S. G., Yin Hong-Zhen, Lambert, R., and Weiss, J. H. *. (1995). In Vitro Kainate Injury to Large, Smi-32(+) Spinal Neurons Is Ca Super(2+) Dependent. *Neuroreport. Vol. 6, no. 6, pp. 945-948. 1995.*
Rejection Code: IN VITRO.
163. Carril Gonzalez-Barros St, Simal Lozano J, Lage Yusty Ma, and Alvarez Pineiro Me (1998). A Simple Ultraviolet Method for Discriminating Between Polychlorobiphenyls and Organochloride Pesticides Coeluting Under Gas Chromatography With Electron-Capture Detection. *Journal of chromatographic science* 36: 263-273.
Rejection Code: CHEM METHODS.

164. Carson, D. B., Hallas, L. E., and Heitkamp, M. A. (1992). Biodegradation of N-Phosphomethyliminodiacetic Acid a Key Component of Glyphosate Process Waste. *92nd general meeting of the american society for microbiology, new orleans, louisiana, usa, may 26-30, 1992. Abstracts meet am soc microbiol* 92: 388.
Rejection Code: BACTERIA.
165. Carson, D. B., Hallas, L. E., and Heitkamp, M. A. (1994). Biodegradation of N-Phosphonomethyliminodiacetic Acid by Xanthomonas Maltophilus. *94th general meeting of the american society for microbiology, las vegas, nevada, usa, may 23-27, 1994. Abstracts of the general meeting of the american society for microbiology* 94: 401.
Rejection Code: BACTERIA, FATE.
166. Carson, D. B., Heitkamp, M. A., and Hallas, L. E. (1997). Biodegradation of N-Phosphonomethyliminodiacetic Acid by Microorganisms From Industrial Activated Sludge. *Canadian journal of microbiology* 43: 97-101.
Rejection Code: BACTERIA, FATE.
167. Carta, M., Ariwodola, O. J., Weiner, J. L., and Valenzuela, C. F. (2003). Alcohol Potently Inhibits the Kainate Receptor-Dependent Excitatory Drive of Hippocampal Interneurons. *Proceedings of the National Academy of Sciences, USA [Proc. Natl. Acad. Sci. USA]. Vol. 100, no. 11, pp. 6813-6818. 27 May 2003.*
Rejection Code: HUMAN HEALTH.
168. Caruso, F. L. and Ramsdell, D. C. (1995). Compendium of Blueberry and Cranberry Diseases. *Caruso, f. L. And d. C. Ramsdell (ed.). Compendium of blueberry and cranberry diseases. Vi+87p. American phytopathological society (aps) press: st. Paul, minnesota, usa. ISBN 0-89054-173-6. 0: Vi+87p.*
Rejection Code: REVIEW.
169. Castellino, S., Leo, G. C., Sammons, R. D., and Sikorski, J. A. (1989). Phosphorus-31 Nitrogen-15 and Carbon-13 Nmr of Glyphosate Comparison of Ph Titrations to the Herbicidal Dead-End Complex With 5 Enolpyruvoylshikimate-3-Phosphate Synthase. *Biochemistry* 28: 3856-3868.
Rejection Code: CHEM METHODS.
170. Cavelier, J. (1993). Deforestation of Montane Rain Forests in Colombia as a Result of Illegal Plantations of Opium Papaver Somniferum. *Balslev, h. (Ed.). Aau reports, 31. Neotropical montane forests: biodiversity and conservation Symposium, new york, new york, usa, june 21-26, 1993. I+114p. Aarhus university press: aarhus, denmark. ISBN 87-87600-40-4.; 0: 23.*
Rejection Code: ABSTRACT.
171. Cerdeira, A. L. and Duke, S. O. (2006). The Current Status and Environmental Impacts of Glyphosate-Resistant Crops: a Review. *Journal of Environmental Quality* 35: 1633-1658.
Rejection Code: REVIEW.
172. Chaco(acute)n S, M. I., Pickersgill, B., and Debouck, D. G. (2005). Domestication Patterns in Common Bean (*Phaseolus Vulgaris L.*) And the Origin of the Mesoamerican and Andean Cultivated Races. *Theoretical and Applied Genetics* 110: 432-444.
Rejection Code: NO TOX DATA.
173. Chamberlain, K., Evans, A. A., and Bromilow, R. H. (1996). 1-Octanol/Water Partition Coefficient (K_{ow}) and Pka for Ionisable Pesticides Measured by a Ph-Metric Method. *Pesticide science* 47: 265-271.
Rejection Code: CHEM METHODS.
174. Chamel, A. (1986). Foliar Absorption of Herbicides Study of the Cuticular Penetration Using Isolated Cuticles. *Physiol veg* 24: 491-508.
Rejection Code: IN VITRO.

175. Chan, K. Y. and Leung, S. C. (Effects of Paraquat and Glyphosate on Growth Respiration and Enzyme Activity of Aquatic Bacteria. *Bull environ contam toxicol*; 36 (1). 1986 (recd. 1985). 52-59.
Rejection Code: BACTERIA.
176. Chang, C. Y., Peng, Y. C., Hung, D. Z., Hu, W. H., Yang, D. Y., and Lin, T. J. (1999). Clinical Impact of Upper Gastrointestinal Tract Injuries in Glyphosate-Surfactant Oral Intoxication. *Human & experimental toxicology* 18: 475-478 .
Rejection Code: HUMAN HEALTH.
177. Chang, S., Hung, D., Chow, W., and Wu, T. (1995). Endoscopy Survey of Glyphosate-Surfactant Intoxication. *North american congress of clinical toxicology annual meeting, rochester, new york, usa, september 16-19, 1995. Journal of toxicology clinical toxicology* 33: 553.
Rejection Code: HUMAN HEALTH.
178. Chapman, J. C., St.J.Warne, M., and Patra, R. W. R. (2001). Considerations when Applying the Revised Toxicant Guidelines. *Aust.J.Ecotoxicol.* 7: 157-174.
Rejection Code: REVIEW.
179. Chapman, P. M. (1987). Salmonid Toxicity Studies with Roundup. *Manuscript, Prepared for Proc.Carnation Creek Herbicide Workshop, Dec.8-10, 1987, Nanaimo, B.C., Canada:11 p.(Publ in Part As 12813, 12727) (Author Communication Used).*
Rejection Code: PUBL AS.
180. Charudattan, R. (1986). Integrated Control of Waterhyacinth (*Eichhornia crassipes*) with a Pathogen, Insects, and Herbicides. *Weed Sci.* 34: 26-30.
Rejection Code: REFS CHECKED/REVIEW.
181. Cheah, U. B., Kirkwood, R. C., and Lum, K. Y. (1997). Adsorption, Desorption and Mobility of Four Commonly Used Pesticides in Malaysian Agricultural Soils. *Pesticide science* 50: 53-63.
Rejection Code: FATE.
182. Cheah, U. B., Kirkwood, R. C., and Lum, K. Y. (1998). Degradation of Four Commonly Used Pesticides in Malaysian Agricultural Soils. *Journal of agricultural and food chemistry* 46: 1217-1223.
Rejection Code: FATE.
183. Cheliak, W. M. and Klimaszewska, K. (1990). Cell, Protoplast and Tissue Culture of Short-Rotation Species. *Biomass* 22: 63-74.
Rejection Code: IN VITRO.
184. Chelidze, P. G., Von Fircks Ha, and Chogoshyili, A. G. (1990). Effects of Herbicides to Thylakoid Membranes of Spinacia-Oleracea L. *7th congress of the federation of european societies of plant physiology, umea, sweden, august 5-10, 1990. Physiol plant* 79: A49.
Rejection Code: ABSTRACT.
185. Chen, L., Pradhan, S., and Evans, T. C. Jr (2001). Herbicide Resistance From a Divided Epsps Protein: the Split Synechocystis Dnae Intein as an in Vivo Affinity Domain. *Gene*, 263 (1-2) pp. 39-48, 2001.
Rejection Code: IN VITRO.
186. Chen, Y. C. S., Hubmeier, C., Tran, M., Martens, A., Cerny, R. E., Sammons, R. D., and CaJacob, C. (2006). Expression of Cp4 Epsps in Microspores and Tapetum Cells of Cotton (*Gossypium Hirsutum*) Is Critical for Male Reproductive Development in Response to Late-Stage Glyphosate Applications: Review Article. *Plant Biotechnology Journal* 4: 477-487.
Rejection Code: IN VITRO.
187. Cheng, M., Hu, T., Layton, J., Liu, C. N., and Fry, J. E. (2003). Desiccation of Plant Tissues Post-Agrobacterium Infection Enhances T-Dna Delivery and Increases Stable Transformation Efficiency in Wheat. *In Vitro Cellular and Developmental Biology - Plant* 39: 595-604.

Rejection Code: IN VITRO.

188. Chilton, P. J., Lawrence, A. R., and Barker, J. R. (1994). Pesticides in Groundwater Some Preliminary Observations on Behaviour and Transport in Tropical Environments. *Peters, n. E., R. J. Allan and v. V. Tsirkunov (ed.). Iahs publication, 219. Hydrological, chemical and biological processes of transformation and transport of contaminants in aquatic environments* Hydrochemistry 1993 symposium, rostov-on-don, russia, may 24-29, 1993. X+458p. International association of hydrological sciences: wallingford, england, uk; washington, d.c., Usa. ISBN 0-947571-88-4.; 0: 51-66.
Rejection Code: HUMAN HEALTH.
189. Chin, H. G. , Kim, G. D., Marin, I., Mersha, F., Evans, J. r. TC, Chen, L., Xu, M. Q., and Pradhan, S. (2003). Protein Trans-Splicing in Transgenic Plant Chloroplast: Reconstruction of Herbicide Resistance From Split Genes. *Proceedings of the National Academy of Sciences of the United States of America* 100: 4510-4515.
Rejection Code: IN VITRO.
190. Chiu, J., DeSalle, R., Lam, H. M., Meisel, L., and Coruzzi, G. (1999). Molecular Evolution of Glutamate Receptors: a Primitive Signaling Mechanism That Existed Before Plants and Animals Diverged. *Molecular Biology and Evolution* 16: 826-838.
Rejection Code: IN VITRO.
191. Cho, J., Kong, J. Y., Jeong, D. Y., Kap Duk Lee, Lee, D. U., and Kang, B. S. (2001). Nmda Receptor-Mediated Neuroprotection by Essential Oils From the Rhizomes of Acorus Gramineus. *Life Sciences* 68: 1567-1573.
Rejection Code: IN VITRO, BIOLOGICAL TOXICANT.
192. Chun, P. T. and Hickok, L. G. (1992). Inheritance of Two Mutations Conferring Glyphosate Tolerance in the Fern Ceratopteris Richardii. *Can j bot* 70: 1097-1099.
Rejection Code: NO TOX DATA.
193. Churn, C. C. (1993). Industrial Wastes Chemical and Allied Products. *Water environ res* 65: 386-398.
Rejection Code: FATE.
194. Cikalo, M. G., Goodall, D. M., and Matthews, W. (1996). Analysis of Glyphosate Using Capillary Electrophoresis With Indirect Detection. *Journal of chromatography a* 745: 189-200.
Rejection Code: CHEM METHODS.
195. Clark, D. R. Jr, Moreno-Valdez, A., and Mora, M. A. (1995). Organochlorine Residues in Bat Guano From Nine Mexican Caves, 1991. *Ecotoxicology. Vol. 4, no. 4, pp. 258-265. 1995.*
Rejection Code: SURVEY.
196. Clemente, T. E., LaVallee, B. J., Howe, A. R., Conner-Ward, D., Rozman, R. J., Hunter, P. E., Broyles, D. L., Kasten, D. S., and Hinchee, M. A. (2000). Progeny Analysis of Glyphosate Selected Transgenic Soybeans Derived From Agrobacterium-Mediated Transformation. *Crop Science* 40: 797-803.
Rejection Code: IN VITRO.
197. Close, M. E. (1993). Assessment of Pesticide Contamination of Groundwater in New Zealand: 1. Ranking of Regions for Potential Contamination. *N z j mar freshwater res* 27: 257-266.
Rejection Code: FATE.
198. Clower, M. Jr (1991). Pesticide Residues in Food Fda Program for Immunoassay. *Vanderlaan, m., Et al. (Ed.). Acs (american chemical society) symposium series, 451. Immunoassays for trace chemical analysis: monitoring toxic chemicals in humans, food, and the environment* Meeting, honolulu, hawaii, usa, december 17-22, 1989. X+374p. American chemical society: washington, d.c., Usa. Illus. ISBN 0-8412-1905-2.; 0: 49-58.
Rejection Code: CHEM METHODS.

199. Cobb, A. (1992). Herbicides and Plant Physiology. *Cobb, a. Herbicides and plant physiology.* Xv+176p. Chapman and hall: london, england, uk. New york, new york, usa. Illus. Paper. Isbn 0-412-43860-7. 0: Xv+176p.
Rejection Code: REVIEW.
200. Cockreham, S. (1997). Aquatic Pesticides - the Usepa Process for Registering and Approval for Use. *LakeLine [LAKELINE].* Vol. 17, no. 1, pp. 18-19. May 1997.
Rejection Code: METHODS.
201. Coggins, J. R. (1986). Enzymology and Molecular Biology as Aids for the Invention and Improvement of Herbicides. *Day, p. R. (Ed.). British crop protection council monograph, no. 34. Biotechnology and crop improvement and protection. Symposium, cambridge, england, mar. 24-26, 1986. Viii+264p. Bcpc publications: thornton heath, england. Illus. Paper. Isbn 0-901436-96-8* 0: 101-110.
Rejection Code: REVIEW.
202. Cohen, S., Svrcek, A., Durborow, T., and Barnes, N. L. (1999). Water Quality Impacts by Golf Courses. *Journal of environmental quality* 28: 798-809.
Rejection Code: FATE.
203. Cohen, S. Z., Durborow, T. E., and Barnes, N. L. (1993). Groundwater and Surface Water Risk Assessments for Proposed Golf Courses. *Racke, k. D. And a. R. Leslie (ed.). Acs symposium series, 522. Pesticides in urban environments: fate and significance. 203rd national meeting of the american chemical society, san francisco, california, usa, april 5-10, 1992. Xii+378p. American chemical society: washington, dc, usa. Isbn 0-8412-2627-x.* 0: 214-227.
Rejection Code: FATE.
204. Comai, L. and Stalker, D. (1986). Mechanism of Action of Herbicides and Their Molecular Manipulation. *Miflin, b. J. (Ed.). Oxford surveys of plant molecular and cell biology, vol. 3. Iii+477p. Oxford university press: oxford, england, uk. New york, new york, usa; oxford, england, uk. Illus. Paper. Isbn 0-19-854202-x.* 0: 166-195.
Rejection Code: REVIEW.
205. Comm Pestic Formulation Disinfect Usa (1991). General Referee Reports Committee on Pesticide Formulations and Disinfectants 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 107-110.
Rejection Code: CHEM METHODS.
206. Comm Residues (1993). General Referee Reports Committee on Residues Aoac International Annual Meeting Cincinnati Ohio Usa August 31-September 2 1992. *J aoac (assoc off anal chem) int* 76: 142-149.
Rejection Code: CHEM METHODS.
207. Comm Residues Usa (1991). General Referee Reports Committee on Residues 104th Aoac Annual International Meeting New Orleans Louisiana Usa September 9-13 1990. *J assoc off anal chem* 74: 149-155.
Rejection Code: HUMAN HEALTH, CHEM METHODS.
208. Conner, T., Paschal, E. H., Barbero, A., and Johnson, E. (2004). The Challenges and Potential for Future Agronomic Traits in Soybeans. *AgBioForum*, 7 (1-2) pp. 47-50, 2004.
Rejection Code: REVIEW.
209. Contreras-Balderas, S., Almada-Villela, P., de Lourdes Lozano-Vilano, M., and Garcia-Ramirez, M. E. (2002). Freshwater Fish at Risk or Extinct in Mexico: a Checklist and Review. *Reviews in Fish Biology and Fisheries [Rev. Fish Biol. Fish.]*. Vol. 12, no. 2-3, pp. 241-251. 2002.
Rejection Code: REVIEW.
210. Cook, R. J. (2006). Toward Cropping Systems That Enhance Productivity and Sustainability.

Proceedings of the National Academy of Sciences of the United States of America 103: 18389-18394.
Rejection Code: REVIEW.

211. Corbett, J. R., Wright, K., and Baillie, A. C. (1984). Pesticides Thought to Inhibit Biosynthetic Reactions. *In: The Biochemical Mode of Action of Pesticides, Second Edition, Acad. Press, London* 234-290.
Rejection Code: REFS CHECKED/REVIEW.
212. Corcoran, D. P., Cohen, D. B., and Bowes, G. W. (1984). Glyphosate Use in Forestry (Roundup) and Aquatic Weed Control (Rodeo): A Water Quality Assessment. *Special Proj. Rep. No. 84-11SP, Water Quality and Pesticides, California State Water Resour. Control Board, Eureka, CA* 52.
Rejection Code: REVIEW.
213. Corcoran, D. P., Cohen, D. B., and Bowes, G. W. (1984). Glyphosate Use in Forestry (Roundup) and Aquatic Weed Control (Rodeo): a Water Quality Assessment. *Special Proj. Rep. No. 84-11SP, Water Quality and Pesticides, California State Water Resour. Control Board, Eureka, CA* 52.
Rejection Code: REVIEW.
214. Coret, J. M. and Chamel, A. R. (1993). Influence of Some Nonionic Surfactants on Water Sorption by Isolated Tomato Fruit Cuticles in Relation to Cuticular Penetration of Glyphosate. *Pestic sci* 38: 27-32.
Rejection Code: IN VITRO, FATE.
215. Corral Rivas, J. J., Alvarez Gonzalez, J. G., Ruiz Gonzalez, A. D., and von Gadow, K. (2004). Compatible Height and Site Index Models for Five Pine Species in El Salto, Durango (Mexico). *Forest Ecology and Management* 201: 145-160.
Rejection Code: MODELING.
216. Corral-Rivas, J. J., Barrio-Anta, M., Aguirre-Caldero(acute)n, O. A., and Die(acute)guez-Aranda, U. (2007). Use of Stump Diameter to Estimate Diameter at Breast Height and Tree Volume for Major Pine Species in El Salto, Durango (Mexico). *Forestry* 80: 29-40.
Rejection Code: MODELING.
217. Corral-Rivas, J. J., Die(acute)guez-Aranda, U., Corral Rivas, S., and CastedoDorado, F. (2007). A Merchantable Volume System for Major Pine Species in El Salto, Durango (Mexico). *Forest Ecology and Management* 238: 118-129.
Rejection Code: MODELING.
218. Coruzzi, G. M. (1991). Molecular Approaches to the Study of Amino Acid Biosynthesis in Plants. *Plant sci (limerick)* 74: 145-156.
Rejection Code: REVIEW.
219. Costa, L. G. (1997). Basic Toxicology of Pesticides. *Occupational medicine (philadelphia)* 12: 251-268.
Rejection Code: HUMAN HEALTH.
220. Coupe, R. H., Thurman, E. M., and Zimmerman, L. R. (1998). Relation of Usage to the Occurrence of Cotton and Rice Herbicides in Three Streams of the Mississippi Delta. *Environmental science & technology* 32: 3673-3680.
Rejection Code: FATE.
221. Cowell, J. E., Kunstman, J. L., Nord, P. J., Steinmetz, J. R., and Wilson, G. R. (1986). Validation of an Analytical Residue Method for Analysis of Glyphosate and Metabolite an Interlaboratory Study. *J agric food chem* 34: 955-960.
Rejection Code: CHEM METHODS.
222. Cowgill, W. P Jr and Majek, B. A. (1988). Effect of Glyphosate on Apple Root Suckers When Used as

a Fall-Applied Post-Emergent Herbicide. *85th annual meeting of the american society for horticultural science and the 33rd annual meeting of the canadian society for horticultural science, east lansing, michigan, usa, august 6-11, 1988. Hortscience* 23: 740.

Rejection Code: ABSTRACT.

223. Cox, J. M., Hawkes, T. R., Bellini, P., Ellis, R. M., Barrett, R., Swanborough, J. J., Russell, S. E., Walker, P. A., Barnes, N. J., Knee, A. J., Lewis, T., and Davies, P. R. (1997). The Design and Synthesis of Inhibitors of Imidazoleglycerol Phosphate Dehydratase as Potential Herbicides. *Pesticide science* 50: 297-311.
Rejection Code: CHEM METHODS.
224. Craig, J. P. and Weiss, R. C. (1993). Use of the Gleams Model to Estimate Pesticide Overland and Subsurface Transport in Usda Forest Service Nursery Applications. *Water science and technology* 28: 425-429.
Rejection Code: MODELING.
225. Cseplo, A. and Medgyesy, P. (1986). Characteristic Symptoms of Photosynthesis Inhibition by Herbicides Are Expressed in Photomixotrophic Tissue Cultures of Nicotiana. *Planta (berl)* 168: 24-28.
Rejection Code: IN VITRO.
226. 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.
Rejection Code: MIXTURE.
227. 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: HUMAN HEALTH.
228. Cuttle, S. P. and Gill, E. K. (1991). Concentrations of Nitrate in Soil Water Following Herbicide Treatment of Tree Planting Positions in an Upland Agroforestry System. *Agroforestry syst* 13: 225-234.
Rejection Code: FATE.
229. D'silva, E. T., Winter, J. D., and Patino, R. (1997). The Stress Response and Development of Juvenile Largemouth Bass Exposed to Sublethal Concentrations of Aquatic Herbicides. *Annual meeting of the ecological society of america held jointly with the nature conservancy on changing ecosystems: natural and human influences, albuquerque, new mexico, usa, august 10-14, 1997. Bulletin of the ecological society of america* 78: 242.
Rejection Code: ABSTRACT.
230. Da(acute)vila-Aranda, P., Lira-Saade, R., and Valde(acute)s-Reyna, J. (2004). Endemic Species of Grasses in Mexico: a Phytogeographic Approach. *Biodiversity and Conservation* 13: 1101-1121 .
Rejection Code: SURVEY.
231. Dan, Y., Yan, H., Munyikwa, T., Dong, J., Zhang, Y., and Armstrong, C. L. (2006). Microtom - a High-Throughput Model Transformation System for Functional Genomics. *Plant Cell Reports* 25: 432-441.
Rejection Code: BACTERIA.
232. Dana, M. N. (1989). The American Cranberry Industry. *Acta.Hortic.* 241: 287-294.
Rejection Code: REFS CHECKED/REVIEW.
233. Daniel, O., Meier, M., Schlatter, J., and Frischknecht, P. (1999). Selected Phenolic Compounds in Cultivated Plants: Ecologic Functions, Health Implications, and Modulation by Pesticides.

- Environmental health perspectives* 107: 109-114.
Rejection Code: HUMAN HEALTH.
234. Daniele, P. G., De Stefano C, Prenesti, E., and Sammartano, S. (1997). Copper(Ii) Complexes of N-(Phosphonomethyl)Glycine in Aqueous Solution: a Thermodynamic and Spectrophotometric Study. *Talanta* 45: 425-431.
Rejection Code: CHEM METHODS.
235. Daniell, H. (1998). Engineering of Chloroplast Genome for the Expression of Biopolymer Herbicide and Insect Resistance Genes. *1998 meeting of the society for in vitro biology, las vegas, nevada, usa, may 30-june 4, 1998. In vitro cellular & developmental biology animal* 34: 77a.
Rejection Code: IN VITRO.
236. Daniell, H. , Datta, R., Varma, S., Gray, S., and Lee, S. B. (1998). Containment of Herbicide Resistance Through Genetic Engineering of the Chloroplast Genome. *Nature Biotechnology* 16: 345-348.
Rejection Code: IN VITRO.
237. Darmency, H. (1994). Genetics of Herbicide Resistance in Weeds and Crops. *In: S.B.Powles and J.A.M.Holtum (Eds.), Herbicide Resistance in Plants: Biology and Biochemistry, CRC Press Inc., Boca Raton, FL* 263-297.
Rejection Code: REVIEW.
238. Darmency, H. (1994). Genetics of Herbicide Resistance in Weeds and Crops. *Powles, s. B. And j. A. M. Holtum (ed.). Herbicide resistance in plants: biology and biochemistry. Xi+353p. Crc press, inc.: Boca raton, florida, usa London, england, uk. ISBN 0-87371-713-9.; 0: 263-297.*
Rejection Code: REVIEW.
239. Dauer, J. T., Mortensen, D. A., and Vangessel, M. J. (2007). Temporal and Spatial Dynamics of Long-Distance Conyza Canadensis Seed Dispersal. *Journal of Applied Ecology* 44: 105-114.
Rejection Code: MODELING.
240. Davies, R. J. (1987). Great Britain Forestry Commission Handbook 2. Trees and Weeds Weed Control for Successful Tree Establishment. *Davies, r. J. Great britain forestry commission handbook, 2. Trees and weeds: weed control for successful tree establishment. 36p. Hmso publications centre: london, england, uk. Illus. Paper. ISBN 0-11-710208-3. 0: 36p.*
Rejection Code: NO TOX DATA.
241. Davies, S. L. and Peoples, M. B. (2003). Identifying Potential Approaches to Improve the Reliability of Terminating a Lucerne Pasture Before Cropping: a Review. *Australian Journal of Experimental Agriculture* 43: 429-447.
Rejection Code: REVIEW.
242. Davis, J. R., Brownson, R. C., Garcia, R., Bentz, B. J., and Turner, A. (1993). Family Pesticide Use and Childhood Brain Cancer. *Arch environ contam toxicol* 24: 87-92.
Rejection Code: HUMAN HEALTH.
243. Davis, W. S. and Denbow, T. J. (1988). Aquatic Sediments. *J water pollut control fed* 60: 1077-1088.
Rejection Code: FATE.
244. Dawson, F. H. (1996). Crassula helmsii: Attempts at Elimination Using Herbicides. *Hydrobiologia* 340: 241-245.
Rejection Code: NO CONC.
245. Dawson, M. A., Renfro, J. L., Stegeman, J. J., Moore, M. N., and Hahn, M. E. (eds) (1993). Effects of Pesticides on Organic Anion Secretion by Winter Flounder Renal Proximal Tubule Cells in Culture.
Rejection Code: IN VITRO.

246. Day, G. M., Hart, B. T., Mckelvie, I. D., and Beckett, R. (1997). Influence of Natural Organic Matter on the Sorption of Biocides Onto Goethite, II. Glyphosate. *Environmental technology* 18: 781-794.
Rejection Code: FATE.
247. De Cock J, Heederik, D., Kromhout, H., Boleij, J. Sm, Hoek, F., Wegh, H., and Ny, E. T. (1998). Exposure to Captain in Fruit Growing. *American industrial hygiene association journal* 59: 158-165.
Rejection Code: HUMAN HEALTH.
248. De Jonge H and De Jonge L (1999). Influence of Ph and Solution Composition on the Sorption of Glyphosate and Prochloraz to a Sandy Loam Soil. *Chemosphere* 39: 753-763.
Rejection Code: FATE.
249. De Jonge, H., De Jonge, L. W., and Jacobsen, O. H. (2000). [Superior 1 Superior 4c]Glyphosate Transport in Undisturbed Topsoil Columns. *Pest Management Science* 56: 909-915.
Rejection Code: FATE.
250. De Ruiter H , Hoekstra, J. R., Randewijk, J., Uffing, A., and Verbeek, M. Am (1987). The Influence of Adjuvants on the Effect of Herbicides. *First joint meeting of the belgian federation for plant physiology and the section for plant physiology, royal botanical society of the netherlands, may 8, 1987. Acta bot neerl* 36: 182.
Rejection Code: ABSTRACT.
251. De Sarro, G., Rizzo, M., Sinopoli, V. A., Gitto, R., De Sarro, A., Zappala, M., and Chimirri, A. (1998). Relationship Between Anticonvulsant Activity and Plasma Level of Some 2,3-Benzodiazepines in Genetically Epilepsy-Prone Rats. *Pharmacology Biochemistry and Behavior [Pharmacol. Biochem. Behav.] Vol. 61, no. 3, pp. 215-220. Nov 1998.*
Rejection Code: HUMAN HEALTH.
252. Dedek, W., Wenzel, K. D., Oberlaender, H., Mothes, B., and Maennig, J. (1991). Preconcentration of Hydrophilic and Hydrophobic Pesticides From Aqueous Solutions and Extraction of Residues Using the Polymeric Sorbent Wofatit Y 77: II. Extension of the Studies to Hydrophobic Pesticides: Aqueous Extraction of Pesticides From Plant Material and Soil. *Fresenius'j anal chem* 339: 201-206.
Rejection Code: CHEM METHODS, FATE.
253. Dele(acute)age-Grandon, C., Chollet, J. F., Faucher, M., Rocher, F., Komor, E., and Bonnemain, J. L. (2001). Carrier-Mediated Uptake and Phloem Systemy of a 350-Dalton Chlorinated Xenobiotic With an (Alpha)-Amino Acid Function. *Plant Physiology* 125: 1620-1632.
Rejection Code: FATE.
254. Della-Cioppa, G., Bauer, S. C., Klein, B. K., Shah, D. M. , Fraley, R. T., and Kishore, G. M. (1986). Translocation of the Precursor of 5 Enolpyruvylshikimate-3-Phosphate Synthase Into Chloroplasts of Higher Plants in-Vitro. *Proc natl acad sci u s a* 83: 6873-6877.
Rejection Code: IN VITRO.
255. Della-Cioppa, G., Bauer, S. C., Taylor, M. L., Rochester, D. E., Shah, D. M., Klein, B. K., Fraley, R. T., and Kishore, G. M. (1987). Targeting of a Glyphosate-Resistant Form of 5 Enolpyruvylshikimate 3-Phosphate Epsp Synthase From Escherichia-Coli to Chloroplasts of Higher Plants. *78th annual meeting of the american society of biological chemists, philadelphia, pennsylvania, usa, june 7-11, 1987. Fed proc* 46: 2109.
Rejection Code: IN VITRO, FATE.
256. DeLorenzo, M. E., Scott, G. I., and Ross, P. E. (2001). Toxicity of Pesticides to Aquatic Microorganisms: A Review. *Environ.Toxicol.Chem.* 20: 84-98.
Rejection Code: REVIEW.
257. Deng, F., Jelesko, J., and Hatzios, K. K. (2006). Corrigendum to "Effects of Glyphosate, Chlorsulfuron, and Methyl Jasmonate on Growth and Alkaloid Biosynthesis of Jimsonweed (Datura

- stramonium L.)" [Pestic. Biochem. Physiol. 82 (2005) 16-26]. *Pestic.Biochem.Physiol.* 84: 155.
Rejection Code: ADDENDUM.
258. Denis, M. H. and Delrot, S. (1993). Carrier-Mediated Uptake of Glyphosate in Broad Bean (*Vicia Faba*) Via a Phosphate Transporter. *Physiol plant* 87: 569-575.
Rejection Code: FATE.
259. Denis, M. H. and Delrot, S. (1997). Effects of Salts and Surfactants on Foliar Uptake and Long Distance Transport of Glyphosate. *Plant Physiology and Biochemistry* 35: 291-301.
Rejection Code: FATE.
260. Derksen, D. A., Blackshaw, R. E., and Boyetchko, S. M. (1996). Sustainability, Conservation Tillage and Weeds in Canada. *Canadian journal of plant science* 76: 651-659.
Rejection Code: REVIEW.
261. Derr, J. F. (2001). Biological Assessment of Herbicide Use in Apple Production I. Background and Current Use Estimates. *HortTechnology* 11: 11-19.
Rejection Code: REVIEW.
262. Descalzo, R. C., Levesque, C. A., Punja, Z. K., and Rahe, J. E. (1992). Influence of Fast and Slow-Growing Pythium Species on the Herbicidal Effect of Glyphosate on Beans. *Annual meeting of the american phytopathological society, portland, oregon, usa, august 8-12, 1992. Phytopathology* 82: 1115.
Rejection Code: ABSTRACT.
263. Descalzo, R. C., Punja, Z. K., Levesque, C. A., and Rahe, J. E. (1995). Effect of Herbicide-Treated Bean Plants on the Population Dynamics of Glyphosate-Synergistic Pythium in the Soil. *British columbia regional meeting of the canadian phytopathological society, vancouver, british columbia, canada, october 20-21, 1994. Canadian journal of plant pathology* 17: 367-368.
Rejection Code: ABSTRACT.
264. Descalzo, R. C., Punja, Z. K., Levesque, C. A., and Rahe, J. E. (1995). Host Range of Glyphosate Synergistic Pythium Isolates. *Annual meeting of the canadian phytopathological society, edmonton, alberta, canada, 1994. Canadian journal of plant pathology* 17: 355.
Rejection Code: ABSTRACT.
265. Descalzo, R. C. and Rahe, J. E. (1996). Root Residues From Herbicide-Treated Bean Seedlings Cause Temporary Increases in Pythium Populations and Damping Off Potential in Soil. *British columbia regional meeting of the canadian phytopathological society, cowichan lake, british columbia, canada, october 23-24, 1995. Canadian journal of plant pathology* 18: 104.
Rejection Code: ABSTRACT.
266. Descalzo, R. C., Rahe, J. E., and Punja, Z. K. (1991). Pathogenicity and Glyphosate Synergistic Interaction of Eight Pythium Species on Beans. *Annual meeting of the canadian phytopathological society, banff, alberta, canada, june 1991. Can j plant pathol* 13: 274-275 .
Rejection Code: ABSTRACT.
267. Deuss, G. J. and Foley, A. J. (1995). National and International Concerns Regarding the Use of Agricultural Chemicals in Forests. *Gaskin, r. E. And j. A. Zabkiewicz. Fri bulletin, no. 192. Popular summaries from second international conference on forest vegetation management. Rotorua, new zealand, march 20-24, 1995. Vii+197p. New zealand forest research institute: rotorua, new zealand.* 0: 95-97.
Rejection Code: NO TOX DATA.
268. Devine, M. D. and Hall, L. M. (1990). Implications of Sucrose Transport Mechanisms for the Translocation of Herbicides. *Weed sci* 38: 299-304.
Rejection Code: FATE.

269. Deyrup, C. L., Chang, S. M., Weintraub, R. A., and Moye, H. A. (1985). Simultaneous Esterification and Acylation of Pesticides for Analysis by Gas Chromatography 1. Derivatization of Glyphosate and Aminomethylphosphonic-Acid With Fluorinated Alcohols-Perfluorinated Anhydrides. *J agric food chem* 33: 944-947.
Rejection Code: CHEM METHODS.
270. Dhingra, O. P., Franz, J. E., and Hakes, H. R. (1987). Herbicidal Glyphosate Oxime Derivatives Us Patent-4634788. Jan. 6 1987. *Off gaz u s pat trademark off pat* 1074: 440.
Rejection Code: PATENT.
271. Di(acute)az, L. M. and Blair, M. W. (2006). Race Structure Within the Mesoamerican Gene Pool of Common Bean (*Phaseolus Vulgaris L.*) As Determined by Microsatellite Markers. *Theoretical and Applied Genetics* 114: 143-154.
Rejection Code: NO TOX DATA.
272. Di Ciano Patricia and Everitt Barry J (2004). Direct Interactions Between the Basolateral Amygdala and Nucleus Accumbens Core Underlie Cocaine-Seeking Behavior by Rats. *Journal of Neuroscience [J. Neurosci.]*. Vol. 24, no. 32, pp. 7167-7173. 11 Aug 2004.
Rejection Code: HUMAN HEALTH.
273. Dick, R. E. and Quinn, J. P. (1995). Control of Glyphosate Uptake and Metabolism in Pseudomonas Sp. 4asw. *Fems microbiology letters* 134: 177-182.
Rejection Code: BACTERIA.
274. Dickman, M. , Lan, Q., and Matthews, B. (1989). Teratogens in the Niagara River Watershed as Reflected by Chironomid (Diptera: Chironomidae) Labial Plate Deformities. *Wat pollut res j can* 24: 47-80.
Rejection Code: SURVEY.
275. Dickson, S. J., Meinholt, R. H., Beer, I. D., and Koelmeyer, T. D. (1988). Rapid Determination of Glyphosate in Postmortem Specimens Using Phosphorus-31 Nmr. *J anal toxicol* 12: 284-286.
Rejection Code: HUMAN HEALTH.
276. Dicosimo, R., Anton, D. L., and Gavagan, J. E. (1996). Biocatalytic Production of N-Phosphonomethylglycine. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Biot 11.
Rejection Code: ABSTRACT.
277. Dietrich, A. M. and Costa, W. Fd (1997). Chemical Species. *Water environment research* 69: 391-403.
Rejection Code: FATE, CHEM METHODS.
278. Dinelli, G. , Vicari, A., and Catizone, P. (1996). Monitoring of Herbicide Pollution in Water by Capillary Electrophoresis. *Journal of chromatography a* 733: 337-347.
Rejection Code: FATE, CHEM METHODS.
279. Dissanayake, N., Hoy, J. W., and Griffin, J. L. (1995). Herbicide Effects on Pythium Arrhenomanes Pythium Root Rot and Growth of Sugarcane. *Annual meeting of the american phytopathological association, pittsburgh, pennsylvania, usa, august 12-16, 1995. Phytopathology* 85: 1209.
Rejection Code: ABSTRACT.
280. Ditomaso, J. M. (1988). Effect of Herbicides on Polyamine Formation in Roots. *Annual meeting of the american society of plant physiologists, reno, nevada, usa, july 10-14, 1988. Plant physiol (bethesda)* 86: 110.
Rejection Code: ABSTRACT.
281. Dixon, B. (1989). Denmark Oks Trial of Engineered Beets. *Bio-technology (n y)* 7: 1001.

- Rejection Code: NO TOX DATA.
282. Doherty, M. A. (1998). Biochemical Toxicology of Herbicide Mixtures on Thalassiosira Weisflogii. *215TH AMERICAN CHEMICAL SOCIETY NATIONAL MEETING, DALLAS, TEXAS, USA, MARCH 29-APRIL 2, 1998. ABSTRACTS OF PAPERS AMERICAN CHEMICAL SOCIETY; 215 (1-2). 1998. AGRO 13.*
Rejection Code: ABSTRACT.
283. Doherty, M. A., Helling, C. S., and Dawson, R. (1998). Biochemical Toxicology of Herbicide Mixtures of Thalassiosira Weisflogii. *215th american chemical society national meeting, dallas, texas, usa, march 29-april 2, 1998. Abstracts of papers american chemical society 215: Agro 13.*
Rejection Code: ABSTRACT.
284. Donahue, R. A. and Michler, C. H. (1993). Effect of Glyphosate on Chlorophyll Fluorescence in Transgenic Hybrid Poplar. *Joint annual meeting of the american society of plant physiologists and the canadian society of plant physiologists (la societe canadienne de physiologie vegetale), minneapolis, minnesota, usa, july 31-august 4, 1993. Plant physiol (rocky) 102: 140.*
Rejection Code: ABSTRACT.
285. Donaldson, W., Price, A. H., and Morse, J. (1994). The Current Status and Future Prospects of the Texas Horned Lizard (*Phrynosoma cornutum*) in Texas. *Tex.J.Sci. 46: 97-113.*
Rejection Code: NO TOX DATA.
286. Dorado, O. (1999). Brongniartia Riesebergii (Fabaceae: Faboideae): a New Species From the State of Durango, Mexico. *Brittonia 51: 398-402.*
Rejection Code: NO TOX DATA.
287. Dos Santos, J. B., Ferreira, E. A., Kasuya, M. C. M., Da Silva, A. A., and Proco(acute)pio, S. D. O. (2005). Tolerance of Bradyrhizobium Strains to Glyphosate Formulations. *Crop Protection 24: 543-547.*
Rejection Code: BACTERIA.
288. Dourson, M. L., Knauf, L. A., and Swartout, J. C. (1992). On Reference Dose (Rfd) and Its Underlying Toxicity Data Base. *Toxicol ind health 8: 171-189.*
Rejection Code: IN VITRO.
289. Dourson, M. L. and Lu, F. C. (1995). Safety/Risk Assessment of Chemicals Compared for Different Expert Groups. *Biomedical and environmental sciences 8: 1-13.*
Rejection Code: HUMAN HEALTH.
290. Dowling, P. M., Milne, B. R., and Kelso, H. G. (1992). Post-Control Regeneration of Vulpia. *Plant protection quarterly 7: 139.*
Rejection Code: ABSTRACT.
291. Dreistadt, S. H., Clark, J. K., and Flint, M. L. (1994). Pests of Landscape Trees and Shrubs an Integrated Pest Management Guide. *Dreistadt, s. H., J. K. Clark and m. L. Flint. Pests of landscape trees and shrubs: an integrated pest management guide. Vi+327p. University of california press: berkeley, california, usa. ISBN 1-879906-18-x. 0: Vi+327p.*
Rejection Code: REVIEW.
292. Drewien, R. C., Terrazas, A. L., Taylor, J. P., Barraza, J. M. O., and Shea, R. E. (2003). Status of Lesser Snow Geese and Ross's Geese Wintering in the Interior Highlands of Mexico. *Wildlife Society Bulletin 31: 417-432.*
Rejection Code: SURVEY.
293. Dubbin, W. E., Sposito, G., and Zavarin, M. (2000). X-Ray Absorption Spectroscopic Study of Cu-Glyphosate Adsorbed by Microcrystalline Gibbsite. *Soil Science, 165 (9) pp. 699-707, 2000.*

Rejection Code: CHEM METHODS.

294. Duke, S., Cedergreen, N., Belz, R., and Velini, E. (2006). Hormesis: Is It an Important Factor in Herbicide Use and Allelopathy? *Outlooks on Pest Management* 17: 29-33.
Rejection Code: REVIEW.
295. Dunn, G. K. and Higgins, V. J. (1989). The Effects of Glyphosate the Herbicide Roundup and the Calcium-Chelator Egta on Resistance of Tomato to Fusarium-Oxysporum-F-Sp-Radicis-Lycopersici. *Annual meeting of the canadian phytopathological society, montreal, quebec, canada, july 9-13, 1988. Can j plant pathol* 11: 189.
Rejection Code: ABSTRACT.
296. Dunn Justin M, Inderwies Brian R, Licata Stephanie C, and Pierce RChristopher* (2005). Repeated Administration of Ampa or a Metabotropic Glutamate Receptor Agonist Into the Rat Ventral Tegmental Area Augments the Subsequent Behavioral Hyperactivity Induced by Cocaine. *Psychopharmacology [Psychopharmacology]. Vol. 179, no. 1, pp. 172-180. Apr 2005.*
Rejection Code: HUMAN HEALTH.
297. Dunster, J. A. (1987). Chemicals in Canadian Forestry the Controversy Continues. *Ambio* 16: 142-148.
Rejection Code: REVIEW.
298. Durkin, P. R. (2003). Glyphosate - Human Health and Ecological Risk Assessment Final Report. *SERA TR 02-43-09-04a, Syracuse Environ.Res.Assoc.Inc., Fayetteville, NY 13066-0950* 281 p.
Rejection Code: REVIEW.
299. Durkin, P. R. (2003). Glyphosate - Human Health and Ecological Risk Assessment Final Report. *SERA TR 02-43-09-04a, Syracuse Environ.Res.Assoc.Inc., Fayetteville, NY 13066-0950* 281 p.
Rejection Code: REVIEW.
300. Duseja, D. R. and Osawaru, S. O. (1986). No-Tillage for Soybeans and Wheat Crop Performance and Weed Control. *Symposium on reduced tillage: rational use in sustained production held at the 10th conference of the international soil tillage research organization, part iii, guelph, ont., Canada, july 8-12, 1985. Soil tillage res* 8: 346.
Rejection Code: ABSTRACT.
301. Dyer, W. E. (1994). Resistance to Glyphosate. *Powles, s. B. And j. A. M. Holtum (ed.). Herbicide resistance in plants: biology and biochemistry. Xi+353p. Crc press, inc.: Boca raton, florida, usa London, england, uk. ISBN 0-87371-713-9.; 0: 229-241.*
Rejection Code: REVIEW.
302. Easton, W. E. and Martin, K. (2002). Effects of Thinning and Herbicide Treatments on Nest-Site Selection by Songbirds in Young Managed Forests. *Auk* 119: 685-694.
Rejection Code: NO CONC.
303. Eberbach, P. (1998). Applying Non-Steady-State Compartmental Analysis to Investigate the Simultaneous Degradation of Soluble and Sorbed Glyphosate (N-(Phosphonomethyl)Glycine) in Four Soils. *Pesticide Science*, 52 (3) pp. 229-240, 1998.
Rejection Code: FATE.
304. Eberbach, P. L. (1999). Influence of Incubation Temperature on the Behavior of Triethylamine-Extractable Glyphosate (N-Phosphonomethylglycine) in Four Soils. *Journal of agricultural and food chemistry* 47: 2459-2467.
Rejection Code: FATE.
305. Eberbach, P. L. and Douglas, L. A. (1991). Method for the Determination of Glyphosate and (Aminomethyl)Phosphonic Acid in Soil Using Electron Capture Gas Chromatography. *J agric food*

- chem* 39: 1776-1780.
Rejection Code: CHEM METHODS.
306. Edmiston, S. and Maddy, K. T. (1987). Summary of Illnesses and Injuries Reported in California Usa by Physicians in 1986 as Potentially Related to Pesticides. *Vet hum toxicol* 29: 391-397.
Rejection Code: HUMAN HEALTH.
307. Edmiston, S., Spencer, J., Orr, K., Cowan, K., Margetich, S., Sanborn, J., Gee, S., Hammock, B., and Gilman, D. (1996). Exposure Estimates for Workers During Handling of Herbicides for Vegetation Control Along Highways and Right-of-Ways. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 105.
Rejection Code: HUMAN HEALTH.
308. Edwards, C. A. (1989). Impact of Herbicides on Soil Ecosystems. *Crit rev plant sci* 8: 221-257.
Rejection Code: REVIEW.
309. Edwards, C. A. and Bohlen, P. J. (1992). The Effects of Toxic Chemicals on Earthworms. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 125. Ix+186p. Springer-verlag new york, inc.: New york, new york, usa. Berlin, germany. Illus. Maps. ISBN 0-387-97762-7; isbn 3-540-97762-7. 0: 23-99.*
Rejection Code: REVIEW.
310. Egger, J. M. (2002). A New Species of Castilleja (Orobanchaceae) From the Central Sierra Madre Occidental, Mexico, and an Annotated Key to the Castilleja Species of That Region. *Brittonia* 54: 6-12.
Rejection Code: NO TOX DATA.
311. Egli, M. A. , Low, D., White, K. R., and Howard, J. A. (1985). Effects of Herbicides Analogs on Carbon-14 Leucine Incorporation by Suspension-Cultured Solanum-Nigrum Cells. *Pestic biochem physiol* 24: 112-118.
Rejection Code: IN VITRO.
312. Eigenbrode, S. D. and Pillai, S. K. (1998). Neonate Plutella xylostella Responses to Surface Wax Components of a Resistant Cabbage (*Brassica oleracea*). *J.Chem.Ecol.* 24: 1611-1627.
Rejection Code: MIXTURE.
313. Ekstrom, G. and Akerblom, M. (1990). Pesticide Management in Food and Water Safety International Contributions and National Approaches. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 114. Ix+171p. Springer-verlag new york inc.: New york, new york, usa. Berlin, west germany. Illus. ISBN 0-387-97207-2; isbn 3-540-97207-2. 0: 23-56.*
Rejection Code: HUMAN HEALTH.
314. El-Demerdash, F. M., Yousef, M. I., and Elagamy, E. I. (2001). Influence of Paraquat, Glyphosate, and Cadmium on the Activity of Some Serum Enzymes and Protein Electrophoretic Behavior (in Vitro). *Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants and Agricultural Wastes* B36: 29-42.
Rejection Code: HUMAN HEALTH.
315. El-Gendy, K. S., Aly, N. M., and El-Sebae, A. H. (1998). Effects of Edifenphos and Glyphosate on the Immune Response and Protein Biosynthesis of Bolti Fish (*Tilapia Nilotica*). *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. 33B, no. 2, pp. 135-149. 1998.*
Rejection Code: IN VITRO.
316. El Ibaoui H , Delrot, S., Benson, J., and Bonnemain, J. L. (1986). 82. Compartmental Analysis of the Entry and Exit of a Nonsystemic Iprodione and of a Systemic Glyphosate Pesticide in Leaf Tissues.

- Cronshaw, j., W. J. Lucas and r. T. Giaquinta (ed.). Plant biology (new york), vol. 1. Phloem transport*
Third international conference, pacific grove, calif., Usa, aug. 18-23, 1985. Xxix+650p. Alan r. Liss,
inc.: New york, n.y., Usa. Illus. ISBN 0-8451-1800-5.; 0: 627-628.
Rejection Code: FATE.
317. El-Nabawi, A., Quesenberry, M., Saito, K., Silbergeld, E., Vasta, G., and Eldefrawi, A. *. (2000). The N-Methyl-D-Aspartate Neurotransmitter Receptor Is a Mammalian Brain Target for the Dinoflagellate Pfiesteria Piscicida Toxin. *Toxicology and Applied Pharmacology [Toxicol. Appl. Pharmacol.]*. Vol. 169, no. 1, pp. 84-93. 15 Nov 2000.
Rejection Code: HUMAN HEALTH.
318. El Rassi Z (1997). Capillary Electrophoresis of Pesticides. *Electrophoresis* 18: 2465-2481.
Rejection Code: CHEM METHODS.
319. Elsemore, D. A., Van, D. Y. K. T, Smulski, D., and Larossa, R. A. (1997). Reversal of Glyphosate Inhibition of Escherichia Coli by Nutritional or Genetic Supplementation. *97th general meeting of the american society for microbiology, miami beach, florida, usa, may 4-8, 1997. Abstracts of the general meeting of the american society for microbiology* 97: 521.
Rejection Code: BACTERIA.
320. Eng, O. K., Omar, D., and McAuliffe, D. (1999). Improving the Quality of Herbicide Applications to Oil Palm in Malaysia Using the Cfvalve - a Constant Flow Valve. *Crop Protection* 18: 605-607.
Rejection Code: METHODS, HUMAN HEALTH.
321. Ersoz, M., Duncan, H. J., Lale, M., and Ucan, H. I. (1996). Herbicide Penetration Through Isolated Periderm and Cuticular Membranes. *Environmental Technology* 17: 87-93.
Rejection Code: IN VITRO.
322. Escribano, M. R., Santalla, M., Casquero, P. A., and De Ron, A. M. (1998). Patterns of Genetic Diversity in Landraces of Common Bean (*Phaseolus Vulgaris L.*) From Galicia. *Plant Breeding* 117: 49-56.
Rejection Code: SURVEY.
323. Esposito, E. and Silva, M. D. (1998). Systematics and Environmental Application of the Genus Trichoderma. *Critical reviews in microbiology* 24: 89-98.
Rejection Code: REVIEW.
324. Estrada-C AE, Villarreal-Q JA, and Gonza(acute)lez-E M (2004). A New Species of Dalea Sect. Parosela (Fabaceae: Amorpheae) From Mexico. *Brittonia* 56: 67-71.
Rejection Code: SURVEY.
325. Eto, M. (1990). Biochemical Mechanisms of Insecticidal Activities. In: *G.Haug and H.Hoffman (Eds.), Chemistry of Plant Protection, Chapter 6, Controlled Release, Biochemical Effects of Pesticides, Inhibition of Plant Pathogenic Fungi*, Springer-Verlag, Berlin, Germany 65-107.
Rejection Code: REFS CHECKED/REVIEW.
326. Eto, M. (1997). Functions of Phosphorus Moiety in Agrochemical Molecules. *Bioscience biotechnology and biochemistry* 61: 1-11.
Rejection Code: CHEM METHODS.
327. European, A. N. D. Mediterranean Plant Protection Organization (1994). Guideline on Good Plant Protection Practice Potato. *Bulletin oepp* 24: 825-845.
Rejection Code: NO TOX DATA.
328. Facteau, T. and Mielke, E. (1987). Orchard Chemical Mowing. *84th annual meeting of the american society for horticultural science and the 34th annual congress of the interamerican society for tropical horticulture, orlando, florida, usa, november 6-12, 1987. Hortscience* 22: 1127.

- Rejection Code: ABSTRACT.
329. Fairbrother, T. E. and Ivy, R. L. (1996). Comparison Between Berseem Clover-Ryegrass and Ryegrass for Backrounding Steers. *88th annual meeting of the american society of animal science, rapid city, south dakota, usa, july 24-26, 1996. Journal of animal science* 74: 198.
Rejection Code: ABSTRACT.
330. Fall, A. L. , Byrne, P. F., Jung, G., Coyne, D. P., Brick, M. A., and Schwartz, H. F. (2001). Detection and Mapping of a Major Locus for Fusarium Wilt Resistance in Common Bean. *Crop Science* 41: 1494-1498.
Rejection Code: IN VITRO.
331. Fan, A. M. and Jackson, R. J. (1989). Pesticides and Food Safety. *Regul toxicol pharmacol* 9: 158-174.
Rejection Code: HUMAN HEALTH.
332. Farber, N. B., Heinkel, C., Dribben, W. H., Nemmers, B., and Jiang, X. (2004). In the Adult Cns, Ethanol Prevents Rather Than Produces Nmda Antagonist-Induced Neurotoxicity. *Brain Research* 1028: 66-74.
Rejection Code: HUMAN HEALTH.
333. Farfel, G. M. and Seiden, L. S. *. (1995). Role of Hypothermia in the Mechanism of Protection Against Serotonergic Toxicity. I. Experiments Using 3,4-Methylenedioxymethamphetamine, Dizocilpine, Cgs 19755 and Nbqx. *Journal of Pharmacology and Experimental Therapeutics [J. PHARMACOL. EXP. THER.]*. Vol. 272, no. 2, pp. 860-867. 1995.
Rejection Code: HUMAN HEALTH.
334. Favier, C., De Namur, C., and Dubois, M. A. (2004). Forest Progression Modes in Littoral Congo, Central Atlantic Africa. *Journal of Biogeography* 31: 1445-1461.
Rejection Code: SURVEY.
335. Fedtke, C. (1982). Aromatic Amino Acid Biosynthesis. *In: Biochemistry and Physiology of Herbicide Action, Springer-Verlag, Berlin, Germany* 184-189.
Rejection Code: REFS CHECKED/REVIEW.
336. Fei, S. and Nelson, E. (2004). Greenhouse Evaluation of Fitness-Related Reproductive Traits in Roundup(Registered Trademark)-Tolerant Transgenic Creeping Bentgrass (*Agrostis Stolonifera L.*). *In Vitro Cellular and Developmental Biology - Plant* 40: 266-273.
Rejection Code: IN VITRO.
337. Feldman, J. (1995). Risk Assessment a Community Perspective. *Environmental health perspectives* 103: 153-158.
Rejection Code: HUMAN HEALTH.
338. Felkner, I. C. and Worthy, B. E. (1990). Microbiological Detection and Quantitation of Bioactive Compounds in Vegetation Matrix by Laser Light Scattering. *Fourth international symposium on biological and environmental reference materials, orlando, florida, usa, february 5-8, 1990. Fresenius' j anal chem* 338: 489-494.
Rejection Code: BACTERIA.
339. Felton, W. L., Wicks, G. A., and Welsby, S. M. (1994). A Survey of Fallow Practices and Weed Floras in Wheat Stubble and Grain Sorghum in Northern New South Wales. *Australian journal of experimental agriculture* 34: 229-236.
Rejection Code: SURVEY.
340. Feng, J. C. and Thompson, D. G. (1990). Fate of Glyphosate in a Canadian Forest Watershed: 2. Persistence in Foliage and Soils. *J agric food chem* 38: 1118-1125.

Rejection Code: FATE.

341. Feng, J. C., Thompson, D. G., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). Persistence and Dissipation of Glyphosate in Foliage and Soils of a Canadian Coastal Forest Watershed.
Rejection Code: FATE.
342. Feng, J. C. , Thompson, D. G., and Reynolds, P. E. (1990). Fate of Glyphosate in a Canadian Forest Watershed: 1. Aquatic Residues and Off-Target Deposit Assessment. *J agric food chem* 38: 1110-1118.
Rejection Code: FATE.
343. Feng, J. C. , Thompson, D. G., Reynolds, P. E., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). Fate of Glyphosate in a Forest Stream Ecosystem.
Rejection Code: FATE.
344. Fernandez, M. R., Selles, F., Gehl, D., DePauw, R. M., and Zentner, R. P. (2005). Crop Production Factors Associated With Fusarium Head Blight in Spring Wheat in Eastern Saskatchewan. *Crop Science* 45: 1908-1916.
Rejection Code: SURVEY.
345. Fernandez, M. R., Zentner, R. P., DePauw, R. M., Gehl, D., and Stevenson, F. C. (2007). Impacts of Crop Production Factors on Common Root Rot of Barley in Eastern Saskatchewan. *Crop Science* 47: 1585-1595.
Rejection Code: SURVEY.
346. Fernandez, M. R., Zentner, R. P., DePauw, R. M., Gehl, D., and Stevenson, F. C. (2007). Impacts of Crop Production Factors on Fusarium Head Blight in Barley in Eastern Saskatchewan. *Crop Science* 47: 1574-1584.
Rejection Code: SURVEY.
347. Ferraz, A. C., Pereira, L. F., Ribeiro, R. L., Wolfman, C., Medina, J. H., Scorza, F. A., Santos, N. F., Cavalheiro, E. A., and Da Cunha, C. *. (2000). Ricinine-Elicited Seizures: a Novel Chemical Model of Convulsive Seizures. *Pharmacology Biochemistry and Behavior [Pharmacol. Biochem. Behav.]*. Vol. 65, no. 4, pp. 577-583. Apr 2000.
Rejection Code: HUMAN HEALTH.
348. Fielding, M., Oakes, D. B., Cable, C., Moore, K., and Weddepohl, J. (Monitoring and Modelling Pesticide Occurrences in a Rural Sources of Drinking Water. *British crop protection council. Brighton crop protection conference: pests and diseases, 1994 vol. 1-3; proceedings of an international conference, brighton, england, uk, november 21-24, 1994.* Xxvi+498p.(Vol. 1); xxvi+454p.(Vol. 2); xxvi+466p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. ISBN 0-948404-80-9(set); isbn 0-948404-81-7(vol. 1); isbn 0-948404-82-5(vol. 2); isbn 0-948404-83-3(vol. 3).; 0 (0). 1994. 1295-1300.
Rejection Code : MODELING.
349. Figenschau, Y., Yousef, M. I., Sveinbjornsson, B., and Bertheussen, K. (1997). A Sensitive Serum-Free Colorimetric Assay for the Detection of Cytotoxic Effects of Pesticides. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 32: 177-194.
Rejection Code: IN VITRO.
350. Finizio, A. , Vighi, M., and Sandroni, D. (1997). Determination of N-Octanol/Water Partition Coefficient (Kow) of Pesticide Critical Review and Comparison of Methods. *Chemosphere* 34: 131-161.
Rejection Code: METHODS, REVIEW.

351. Fishbein, M. and Lynch, S. P. (1999). *Asclepias Jorgeana* (Asclepiadaceae), a New Milkweed From Montane Western Mexico. *Novon* 9: 179-184.
Rejection Code: NO TOX DATA.
352. Fisher, G. G., Clark, L., and Ramsay, P. M. (1991). Pesticides in a Chalk Catchment Inputs and Aquatic Residues. *Walker, a. (Ed.). British crop protection council monograph, no. 47. Pesticides in soils and water: current perspectives. Symposium, coventry, england, uk, march 25-27, 1991. Ix+233p. British crop protection council: farnham, england, uk. Illus. Maps. Paper. ISBN 0-948404-51-5. 0: 193-200.*
Rejection Code: FATE.
353. Fitzgerald, L. A. and Painter, C. W. (2000). Rattlesnake Commercialization: Long-Term Trends, Issues, and Implications for Conservation. *Wildlife Society Bulletin* 28: 235-253.
Rejection Code: SURVEY.
354. Fitzgibbon, J. and Braymer, H. D. (1987). Cloning of a Gene From *Pseudomonas*-Sp Strain Pg 2982 Which Confers Increased Resistance to the Herbicide Glyphosate. *87th annual meeting of the american society for microbiology, atlanta, georgia, usa, march 1-6, 1987. Abstr annu meet am soc microbiol 87: 234.*
Rejection Code: BACTERIA.
355. Fitzgibbon, J. and Braymer, H. D. (1988). Phosphate Starvation Induces Uptake of Glyphosate by *Pseudomonas*-Sp Strains Pg2982. *Appl environ microbiol* 54: 1886-1888.
Rejection Code: BACTERIA.
356. Fitzgibbon, J. E. and Braymer, H. D. (1990). Cloning of a Gene From *Pseudomonas* Sp. Strain Pg2982 Conferring Increased Glyphosate Resistance. *Appl environ microbiol* 56: 3382-3388.
Rejection Code: BACTERIA.
357. Fixon-Owoo, S., Levasseur, F., Williams, K., Sabado, T. N., Lowe, M., Klose, M., Mercier, A. J., Fields, P., and Atkinson, J. (2003). Preparation and Biological Assessment of Hydroxycinnamic Acid Amides of Polyamines. *Phytochemistry* 63: 315-334.
Rejection Code: BIOLOGICAL TOXICANT.
358. Flaherty, D. K., Gross, C. J., McGarity, K. L., Winzenburger, P. A., and Wratten, S. J. (1991). The Effect of Agricultural Herbicides on the Function of Human Immunocompetent Cells: II. Effects on Natural Killer Cell and Cytotoxic T Cell Function. *In vitro toxicol* 4: 145-160.
Rejection Code: HUMAN HEALTH, IN VITRO.
359. Flaherty, D. K. and Panyik, M. (1990). The Effect of Agricultural Chemicals and Formulations on the Bactericidal Capacity of Human Peripheral Blood Phagocytic Cells. *In vitro toxicol* 3: 195-204.
Rejection Code: HUMAN HEALTH.
360. Fleming, R. A. and Wood, J. E. (1995). Developing Models for Predicting the Effects of Post-Planting Forest Vegetation Management. *Gaskin, r. E. And j. A. Zabkiewicz. Fri bulletin, no. 192. Popular summaries from second international conference on forest vegetation management. Rotorua, new zealand, march 20-24, 1995. Vi+197p. New zealand forest research institute: rotorua, new zealand 0: 134-136.*
Rejection Code: MODELING.
361. Fletcher, J. S., Johnson, F. L., and Mcfarlane, J. C. (1990). Influence of Greenhouse Versus Field Testing and Taxonomic Differences of Plant Sensitivity to Chemical Treatment. *Environ toxicol chem* 9: 769-776.
Rejection Code: MODELING.
362. Fletcher, K. and Freedman, B. (1986). Effects of the Herbicides Glyphosate 2 4 5-T and 2 4-D on Forest Litter Decomposition. *Can j for res* 16: 6-9.

Rejection Code: FATE.

363. Flint, C. E. and Lea, H. V. (1985). The Chemical Control of Bracken Pteridium-Aquelinum a Review of Some Agricultural Development and Advisory Service Field Experiments. *Brockman, j. S. (Ed.). British crop protection council monograph, no. 29. Weeds, pests and diseases of grassland and herbage legumes; bgs (british grassland society) occasional symposium no. 18, nottingham, england, april 10-12, 1985. Xiii+318p. British crop protection council: croydon, england. Illus. Paper. ISBN 0-901436-88-7. 0: 137-146.*
Rejection Code: REVIEW.
364. Flores, F., Sa(acute)nchez-Trejos, P., Cubero, J. I., and Gil, J. (2003). Variation in Morphological Traits in Phaseolus Vulgaris L. From Northern Spain. *Journal of Agricultural Science* 140: 435-442.
Rejection Code: SURVEY.
365. Folwell, R. J., Gefre, J. A., Lutz, S. M., Halfhill, J. E., and Tamaki, G. (1990). Methods and Costs of Suppressing Brachycorynella asparagi Mordvilko (Homoptera: Aphididae). *Crop Prot.* 9: 259-264.
Rejection Code: NO TOX DATA.
366. Fomsgaard, I. S., Spliid, N. H., and Felding, G. (2003). Leaching of Pesticides Through Normal-Tillage and Low-Tillage Soil - a Lysimeter Study. II. Glyphosate. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes* 38: 19-35.
Rejection Code: FATE.
367. Forestry Canada, Victoria, B.C. (Canada), British Columbia Minist. of Forestry, Victoria Canada, and Reynolds, P. E. (ed) (1989). Proceedings of the Carnation Creek Herbicide Workshop.
Rejection Code: SURVEY.
368. Forlani, G. (1997). Properties of the 5-Enol-Pyruvyl-Shikimate-3-Phosphate Synthase Isoforms Isolated From Maize Cultured Cells. *Journal of Plant Physiology* 150: 369-375.
Rejection Code: IN VITRO.
369. Forlani, G. , Mangiagalli, A., Nielsen, E., and Suardi, C. M. (1999). Degradation of the Phosphonate Herbicide Glyphosate in Soil: Evidence for a Possible Involvement of Unculturable Microorganisms. *Soil biology & biochemistry* 31: 991-997.
Rejection Code: FATE.
370. Foster, V., Mourato, S., Tinch, R., Ozdemiroglu, E., and Pearce, D. (Incorporating External Impacts in Pest Management Choices. *Vorley, w. And d. Keeney (ed.). Bugs in the system: redesigning the pesticide industry for sustainable agriculture. Xviii+222p. Earthscan publications ltd.: London, england, uk. ISBN 1-85383-429-7(paper); ISBN 1-85383-430-0(cloth).; 0 (0). 1998. 94-106.*
Rejection Code: NO TOX DATA.
371. Francis, A. and Warwick, S. I. (2003). The Biology of Canadian Weeds. 120. *Neslia Paniculata (L.) Desv. Canadian Journal of Plant Science* 83: 441-451.
Rejection Code: REVIEW.
372. Franczyk, T. S. (1997). The Catalytic Dehydrogenation of Diethanolamine. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society* 213: Envr 87.
Rejection Code: CHEM METHODS.
373. Frank, R., Braun, H. E., Clegg, B. S., Ripley, B. D., and Johnson, R. (1990). Survey of Farm Wells for Pesticides Ontario Canada 1986 and 1987. *Bull environ contam toxicol* 44: 410-419.
Rejection Code: FATE.
374. Frank, R., Braun, H. E., Ripley, B. D., and Clegg, B. S. (1990). Contamination of Rural Ponds With Pesticide 1971-85 Ontario Canada. *Bull environ contam toxicol* 44: 401-409.

- Rejection Code: FATE.
375. Frank, R. and Logan, L. (1988). Pesticide and Industrial Chemical Residues at the Mouth of the Grand Saugeen and Thames Rivers Ontario Canada 1981-1985. *Arch environ contam toxicol* 17: 741-754.
Rejection Code: FATE.
376. Frank, R., Logan, L., and Clegg, B. S. (1991). Pesticide and Polychlorinated Biphenyl Residues in Waters at the Mouth of the Grand, Saugeen, and Thames Rivers, Ontario, Canada, 1986-1990. *Arch environ contam toxicol* 21: 585-595.
Rejection Code: FATE.
377. Franz, J. E. (1989). N Phosphonomethylglycine Phytotoxicant Compositions Us Patent-4840659. June 20 1989. *Off gaz u s pat trademark off pat* 1103: 1734.
Rejection Code: NO TOX DATA.
378. Freedman, B. (1989). Environmental Ecology the Impacts of Pollution and Other Stresses on Ecosystem Structure and Function. *Freedman, b. Environmental ecology: the impacts of pollution and other stresses on ecosystem structure and function. X+424p. Academic press, inc.: San diego, california, usa. London, england, uk. Illus. Maps. ISBN 0-12-266540-6. 0: X+424p.*
Rejection Code: FATE.
379. Freeman, J. A. (1986). Comparison of Glyphosate Alone and With Rotovation for Quackgrass Control. *Annual meeting of the canadian pest management society, charlottetown, prince edward isl., Canada, june 23-26, 1985. Can j plant sci* 66: 203.
Rejection Code: ABSTRACT.
380. Freemark, K. and Boutin, C. (1995). Impacts of Agricultural Herbicide Use on Terrestrial Wildlife in Temperate Landscapes: a Review With Special Reference to North America. *Agriculture ecosystems & environment* 52: 67-91.
Rejection Code: REVIEW.
381. French, E. D. (1994). Phenacyclidine and the Midbrain Dopamine System: Electrophysiology and Behavior. *Neurotoxicology and Teratology [NEUROTOXICOL. TERATOL.] Vol. 16, no. 4, pp. 355-362. 1994.*
Rejection Code: HUMAN HEALTH.
382. Fribourg, H. A. (1988). Recent Advances in Knowledge of the Fescue Endophyte Agronomic Consideration. *Meeting of the american society of animal science (southern section), new orleans, louisiana, usa, january 31-february 3, 1988. J anim sci* 66: 61.
Rejection Code: ABSTRACT.
383. Friesen-Pankratz Bruce (2004). Descriptive and Experimental Studies on the Biotic and Abiotic Determinants of Selected Pesticide Concentrations in Prairie Wetland Water Columns. *PhD. Thesis, School: University Of Manitoba (Canada) 327p.*
Rejection Code: SURVEY,FATE.
384. Fry, J., Taylor, R., Wolf, B., Stuntz, D., and Zuk, A. (2007). Development of a Strip Seeder for Converting Cool-Season Turf to Seeded Bermudagrass. *HortTechnology* 17: 363-367.
Rejection Code: METHODS.
385. Fuchs, R. L. (1996). Assessment of the Allergenic Potential of Foods Derived Form Genetically Engineered Plants Glyphosate Tolerant Soybean as a Case Study. *Eisenbrand, g., Et al. (Ed.). Food allergies and intolerances. Deutsche forschungsgemeinschaft symposium, may 1995. Xviii+231p. Vch verlagsgesellschaft mbh: weinheim, germany; vch publishers, inc.: New york, new york, usa. ISBN 3-527-27409-x. 0: 212-221.*
Rejection Code: HUMAN HEALTH.

386. Fujii, T., Inazu, N., and Hase, C. (1998). Transgenerational Effects of Exposure to Herbicides, Linuron and Glyphosate During Prepubertal Period in Rats. *Toxicol.Lett.* 95: 216-217 (ABS).
Rejection Code: ABSTRACT.
387. Fukumoto, M., Iwata, M., Shinbori, C., Hazama, G. I., Shirayama, Y., and Kawahara, R. (2005). Effects of Acute Administration of Methamphetamine on NarP Mrna in Rat Brain. *Addiction Biology [Addict. Biol.]*. Vol. 10, no. 3, pp. 257-259. Sep 2005.
Rejection Code: HUMAN HEALTH.
388. Fule, P. Z., Garcia-Arevalo, A., and Covington, W. W. (2000). Effects of an Intense Wildfire in a Mexican Oak-Pine Forest. *Forest Science*, 46 (1) pp. 52-61, 2000.
Rejection Code: SURVEY.
389. Funari, E. (1995). Human Health Implications Associated With the Presence of Pesticides in Drinking Water. Vighi, m. And e. Funari (ed.). *Pesticide risk in groundwater*. Xii+275p. Crc press, inc.: Boca raton, florida, usa London, england, uk. ISBN 0-87371-439-3.; 0: 121-130.
Rejection Code: HUMAN HEALTH.
390. Fundytus, M. E. and Coderre, T. J. *. (1994). Effect of Activity at Metabotropic, as Well as Ionotropic (Nmida), Glutamate Receptors on Morphine Dependence. *British Journal of Pharmacology* 113: 1215-1220.
Rejection Code: HUMAN HEALTH.
391. Funke, T., Han, H., Healy-Fried, M. L., Fischer, M., and Scho(dieresis)nbrunn, E. (2006). Molecular Basis for the Herbicide Resistance of Roundup Ready Crops. *Proceedings of the National Academy of Sciences of the United States of America* 103: 13010-13015.
Rejection Code: IN VITRO.
392. Gafni, J., Wong, P. W., and Pessah, I. N. (2004). Non-Coplanar 2,2',3,5',6-Pentachlorobiphenyl (Pcb 95) Amplifies Ionotropic Glutamate Receptor Signaling in Embryonic Cerebellar Granule Neurons by a Mechanism Involving Ryanodine Receptors. *Toxicological Sciences* 77: 72-82.
Rejection Code: IN VITRO.
393. Gagnaire, B., Gay, M., Huvet, A., Daniel, J. Y., Saulnier, D., and Renault, T. (2007). Combination of a Pesticide Exposure and a Bacterial Challenge: In Vivo Effects on Immune Response of Pacific Oyster, Crassostrea gigas (Thunberg). *Aquat.Toxicol.* 84: 92-102.
Rejection Code: MIXTURE.
394. Gagnaire, B., Thomas-Guyon, H., Burgeot, Th., and Renault, T. (2006). Pollutant Effects on Pacific Oyster, Crassostrea gigas (Thunberg), Hemocytes: Screening of 23 Molecules Using Flow Cytometry. *Cell Biol.Toxicol.* 22: 1-14.
Rejection Code: IN VITRO.
395. Garci(acute)a-Are(acute)valo, A. (2002). Vascular Plants of the Mapimi(Acute) Biosphere Reserve, Me(Acute)Xico: a Checklist. *SIDA, Contributions to Botany* 20: 797-807.
Rejection Code: NO TOX DATA.
396. Garci(acute)a De Llasera, M. P., Go(acute)mez-Almaraz, L., Vera-Avila, L. E., and Pen(tilde)a-Alvarez, A. (2005). Matrix Solid-Phase Dispersion Extraction and Determination by High-Performance Liquid Chromatography With Fluorescence Detection of Residues of Glyphosate and Aminomethylphosphonic Acid in Tomato Fruit. *Journal of Chromatography A*, 1093 (1-2) pp. 139-146, 2005.
Rejection Code: CHEM METHODS.
397. Garcia, A. M., Benavides, F. G., Fletcher, T., and Orts, E. (1998). Paternal Exposure to Pesticides and Congenital Malformations. *Scandinavian journal of work environment & health* 24: 473-480.
Rejection Code: HUMAN HEALTH.

398. Garcia-Repetto, R., Soria, M. L., Gimenez, M. P., Menendez, M., and Repetto, M. (1998). Deaths From Pesticide Poisoning in Spain From 1991 to 1996. *Veterinary and human toxicology* 40: 166-168.
Rejection Code: HUMAN HEALTH.
399. Gard, J. K. , Feng, P. Cc, and Hutton, W. C. (1997). Nuclear Magnetic Resonance Timecourse Studies of Glyphosate Metabolism by Microbial Soil Isolates. *Xenobiotica* 27: 633-644.
Rejection Code: BACTERIA.
400. Gard, J. K. , Hutton, W. C., Baker, J. A., Singh, R. K., and Feng, P. Cc (1999). Isotope-Edited Nuclear Magnetic Resonance: Novel Methodologies for Investigating Metabolism. *Pesticide science* 55: 215-217.
Rejection Code: CHEM METHODS.
401. Garlanda, M. M. and Calamari, D. (Qsars for Toxicity of Organophosphorus Pesticides to Daphnia and Honeybees Au - Vighi M. Hermens, j. L. M. And a. Opperhuizen (ed.). *Qsar (quantitative structure-activity relationships) in environmental toxicology-iv; fourth international workshop, veldhoven, netherlands, september 16-20, 1990. Xxi+705p. Elsevier science publishers b.v.: Amsterdam, netherlands; (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. ISBN 0-444-89471-3.; 0 (0). 1991. 605-622.*
Rejection Code: QSAR.
402. Garry, V. F., Burroughs, B., Tarone, R., and Kesner, J. S. (1999). Herbicides and Adjuvants: an Evolving View. *Toxicology and industrial health* 15: 159-167.
Rejection Code: HUMAN HEALTH.
403. Garry, V. F. and Griffith, J. (1995). Agricultural Pesticides. *Craighead, j. E. Pathology of environmental and occupational disease. Xiv+656p. Mosby year book: chicago, illinois, usa. London, england, uk. ISBN 0-8016-7776-9. 0: 117-136.*
Rejection Code: HUMAN HEALTH.
404. Garton, R. W. (1994). Influence of Conservation Tillage on Soil Temperature and Tomato Yield. *91st annual meeting of the american society for horticultural science, corvallis, oregon, usa, august 7-10, 1994. Hortscience*. 29: 451.
Rejection Code: ABSTRACT.
405. Gaus, A. and Warmund, M. (1987). Chemical Growth Regulations of Kentucky Bluegrass in a Newly Established Peach Orchard. *84th annual meeting of the american society for horticultural science and the 34th annual congress of the interamerican society for tropical horticulture, orlando, florida, usa, november 6-12, 1987. Hortscience* 22: 1040.
Rejection Code: ABSTRACT.
406. Geiger, C. P. and Calabrese, E. J. (1985). The Effects of 5 Widely Used Pesticides on Erythrocytes of the Dorset Sheep an Animal Model With Low Erythrocyte Glucose-6-Phosphate Dehydrogenase Activity. *J environ sci health part a environ sci eng* 20: 521-528.
Rejection Code: IN VITRO.
407. Geiger, C. P. and Calabrese, E. J. (1985). The Effects of Five Widely Used Pesticides on Erythrocytes of the Dorset Sheep, an Animal Model With Low Erythrocyte Glucose-6-Phosphate Dehydrogenase (G-6-Pd) Activity. *J. ENVIRON. SCI. HEALTH, PART A. Vol. A20, no. 5, pp. 521-527. 1985.*
Rejection Code: IN VITRO.
408. Geiger, D. R., Kapitan, S. W., and Tucci, M. A. (1986). Glyphosate Inhibits Photosynthesis and Allocation of Carbon to Starch in Sugar Beet Beta-Vulgaris Leaves. *Plant physiol (bethesda)* 82: 468-472.
Rejection Code: IN VITRO.
409. Geiger, D. R., Tucci, M. A., and Servaites, J. C. (1987). Glyphosate Effects on Carbon Assimilation

- and Gas Exchange in Sugar Beet Leaves. *Plant physiol (bethesda)* 85: 365-369.
Rejection Code: IN VITRO.
410. Gentile, T. J. and Calabrese, E. J. (1987). Screening for Potential Hemolytic Responses to Environmental Agents Using a Bioactivation System Evaluation of Six Pesticides. *J environ sci health part a environ sci eng* 22: 427-444.
Rejection Code: IN VITRO.
411. Gerritse, R. G., Beltran, J., and Hernandez, F. (1996). Adsorption of Atrazine, Simazine, and Glyphosate in Soils of the Gnangara Mound, Western Australia. *Aust.J.Soil Res.* 34: 599-607 .
Rejection Code: NO SPECIES.
412. Gerritse, R. G., Beltran, J., and Hernandez, F. (1996). Adsorption of Atrazine, Simazine, and Glyphosate in Soils of the Gnangara Mound, Western Australia. *Australian journal of soil research* 34: 599-607.
Rejection Code: FATE.
413. Ghasemzadeh, M. B., Nelson, L. C., Lu, X. Y., and Kalivas, P. W. (1999). Neuroadaptations in Ionotropic and Metabotropic Glutamate Receptor Mrna Produced by Cocaine Treatment. *Journal of Neurochemistry* 72: 157-165.
Rejection Code: HUMAN HEALTH.
414. Ghassemi, M., Quinlivan, S., and Dellarco, M. (1982). Environmental Effects of New Herbicides for Vegetation Control in Forestry. *Environment International* 7: 389-401.
Rejection Code: REVIEW.
415. Gianessi, L. P. (2005). Economic and Herbicide Use Impacts of Glyphosate-Resistant Crops. *Pest Management Science* 61: 241-245.
Rejection Code: NO TOX DATA.
416. Gianfreda, L., Sannino, F., Filazzola, M. T., and Violante, A. (1993). Influence of Pesticides on the Activity and Kinetics of Invertase, Urease and Acid Phosphatase Enzymes. *Pesticide science* 39: 237-244.
Rejection Code: FATE, IN VITRO.
417. Gianfreda, L., Sannino, F., Ortega, N., and Nannipieri, P. (1994). Activity of Free and Immobilized Urease in Soil: Effects of Pesticides. *Soil biology and biochemistry* 26: 777-784.
Rejection Code: IN VITRO, FATE.
418. 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).
Rejection Code: NON-ENGLISH.
419. 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).
Rejection Code: NON-ENGLISH.
420. Gilreath, J. P. and Santos, B. M. (2004). Bioassays on Glyphosate Residue Toxicity and Photodegradation on Polyethylene Mulch. *Annual Proceedings Soil and Crop Science Society of Florida* 63: 21-24.
Rejection Code: IN VITRO.
421. Gimsing, A. L., Borggaard, O. K., and Sestoft, P. (2004). Modeling the Kinetics of the Competitive Adsorption and Desorption of Glyphosate and Phosphate on Goethite and Gibbsite and in Soils. *Environmental Science and Technology* 38: 1718-1722.
Rejection Code: FATE, MODELING.

422. Giorgetti, M., Hotsenpiller, G., Ward, P., Teppen, T., and Wolf, M. E. (2001). Amphetamine-Induced Plasticity of Ampa Receptors in the Ventral Tegmental Area: Effects on Extracellular Levels of Dopamine and Glutamate in Freely Moving Rats. *Journal of Neuroscience* 21: 6362-6369.
Rejection Code: HUMAN HEALTH.
423. Gladan, B. C., Sandler, D. P., Zahm, S. H., Kamel, F., Rowland, A. S., and Alavanja, M. Cr (1998). Exposure Opportunities of Families of Farmer Pesticide Applicators. *American journal of industrial medicine* 34: 581-587.
Rejection Code: HUMAN HEALTH.
424. Glass, R. L. (1987). Adsorption of Glyphosate by Soils and Clay Minerals. *J agric food chem* 35: 497-500.
Rejection Code: FATE.
425. Gokkes, M., Brosh, S., and Toledano, J. (1990). Bentazon for the Control of Commelina Sp. In Ruscus-Hypophyllum. *11th conference of the weed science society of israel, bet dagan, israel, february 26-27, 1990. Phytoparasitica* 18: 268.
Rejection Code: ABSTRACT.
426. Gold, L. S. , Stern, B. R., Slone, T. H., Brown, J. P., Manley, N. B., and Ames, B. N. (1997). Pesticide Residues in Food: Investigation of Disparities in Cancer Risk Estimates. *Cancer letters* 117: 195-207.
Rejection Code: HUMAN HEALTH.
427. Goldsborough, L. G. and Beck, A. E. (1989). Rapid Dissipation of Glyphosate in Small Forest Ponds. *Arch.Environ.Contam.Toxicol.* 18: 537-544.
Rejection Code: NO SPECIES.
428. Goldsborough, P. B., Hatch, E. M., Huang, B., Kosinski, W. G., Dyer, W. E., Herrmann, K. M., and Weller, S. C. (1990). Gene Amplification in Glyphosate Tolerant Tobacco Cells. *Plant sci (limerick)* 72: 53-62.
Rejection Code: IN VITRO.
429. Goldstein, D. A., Acquavella, J. F., Mannion, R. M., and Farmer, D. R. (2002). An Analysis of Glyphosate Data From the California Environmental Protection Agency Pesticide Illness Surveillance Program. *Journal of Toxicology: Clinical Toxicology* 40: 885-892.
Rejection Code: HUMAN HEALTH.
430. Goldstein, D. A., Farmer, D. L., Levine, S. L., and Garnett, R. P. (2005). Mechanism of Toxicity of Commercial Glyphosate Formulations: How Important Is the Surfactant? *Clinical Toxicology* 43: 423-424.
Rejection Code: HUMAN HEALTH.
431. Gong, Y., Liao, Z., Chen, M., Guo, B., Jin, H., Sun, X., and Tang, K. (2006). Characterization of 5-Enolpyruvylshikimate 3-Phosphate Synthase Gene From Camptotheca Acuminata. *Biologia Plantarum*, 50 (4) pp. 542-550, 2006.
Rejection Code: IN VITRO.
432. Gonza(acute)lez Elizondo, M. S., Lo(acute)pez Enriquez, I. L., and Wagner, W. L. (2002). Megacorax Gracielanus (Onagraceae), a New Genus and Species From Durango, Mexico. *Novon* 12: 360-365.
Rejection Code: NO TOX DATA.
433. Gonzales, R. A. and Widholm, J. M. (1985). Altered Amino-Acid Biosynthesis in Amino-Acid Analog and Herbicide-Resistant Cells. *Neumann, k.-H., W. Barz and e. Reinhard (ed.). Proceedings in life sciences. Primary and secondary metabolism of plant cell cultures. Meeting, rauschholzhausen, west germany, 1981. Xi+377p. Springer-verlag new york, inc.: Secaucus, n.j., Usa; berlin, west germany. Illus. ISBN 0-387-15797-2; isbn 3-540-15797-2. 0: 337-343.*
Rejection Code: IN VITRO.

434. Goodman, R. M. (1987). Future Potential Problems and Practicalities of Herbicide-Tolerant Crops From Genetic Engineering. *Weed sci* 35: 28-31.
Rejection Code: NO TOX DATA.
435. Gottron, F. , Turetsky, D., and Choi, D. *. (1995). Smi-32 Antibody Against Non-Phosphorylated Neurofilaments Identifies a Subpopulation of Cultured Cortical Neurons Hypersensitive to Kainate Toxicity. *Neuroscience Letters [NEUROSCI. LETT.]*. Vol. 194, no. 1-2, pp. 1-4. 1995.
Rejection Code: IN VITRO.
436. Gous, S. F. (1996). Vegetation Management in Pinus Radiata a Literature Review. *South african forestry journal* 0: 41-50.
Rejection Code: REVIEW.
437. Gout, E., Bligny, R., Genix, P., Tissut, M., and Douce, R. (1992). Effect of glyphosate on plant cell metabolism. 31P and 13C NMR studies. *Biochimie* 74: 875-882.
Rejection Code: IN VITRO.
438. Gout, E., Bligny, R., Genix, P., Tissut, M., and Douce, R. (1992). Effect of Glyphosate on Plant Cell Metabolism: Phosphorus-31 and Carbon-13 Nmr Studies. *Biochimie (paris)* 74: 875-882.
Rejection Code: IN VITRO.
439. Graph, S., Herzlinger, G., Kleifeld, Y., Bargutti, A., Retig, B., and Lehrer, W. (1985). Control of Dodder Cuscuta-Campestris in Chickpeas Tomatoes and Pumpkins. *9th conference of the weed science society of israel, rehovot, israel, dec. 24-25, 1984. Phytoparasitica* 13: 243-244.
Rejection Code: ABSTRACT.
440. Graph, S., Kleifeld, Y., Bargutti, A., and Solomon, D. (1985). Weed Control in Hay Crops. *9th conference of the weed science society of israel, rehovot, israel, dec. 24-25, 1984. Phytoparasitica* 13: 253.
Rejection Code: ABSTRACT.
441. Gratton, C. and Denno, R. F. (2005). Restoration of Arthropod Assemblages in a Spartina Salt Marsh Following Removal of the Invasive Plant Phragmites australis. *Restor.Ecol.* 13: 358-372.
Rejection Code: NO CONC.
442. Gray, R. S. , Taylor, J. S., and Brown, W. J. (1996). Economic Factors Contributing to the Adoption of Reduced Tillage Technologies in Central Saskatchewan. *Canadian Journal of Plant Science* 76: 661-668.
Rejection Code: MODELING.
443. Green, L. M. (1991). A Cohort Mortality Study of Forestry Workers Exposed to Phenoxy Acid Herbicides. *Br j ind med* 48: 234-238.
Rejection Code: HUMAN HEALTH.
444. Grenoble, D. W. and Orzolek, M. D. (1986). Weed Control in Reduced Tillage Pumpkins. *1986 annual meeting of the american society for horticultural science (northeast region), college park, md., Usa, jan. 12-14, 1986. Hortscience* 21: 370.
Rejection Code: ABSTRACT.
445. Greyson, P. , Gordon, R., and Martin, R. C. (1999). Corn Yields in a Living Mulch System. *Annual meeting of the canadian society of agronomy, vancouver, british columbia, canada, 1998. Canadian Journal of plant science* 79: 120.
Rejection Code: ABSTRACT.
446. Griffith, J., Duncan, R. C., and Konefal, J. (Pesticide Poisonings Reported by Florida Usa Citrus Fieldworkers. *J environ sci health part b pestic food contam agric wastes;* 20 (6). 1985 (recd. 1986). 701-728.

Rejection Code: HUMAN HEALTH.

447. Grigoryan, G. A., Mitchell, S. N., Hodges, H., Sinden, J. D., and Gray, J. A. (1994). Are the Cognitive-Enhancing Effects of Nicotine in the Rat With Lesions to the Forebrain Cholinergic Projection System Mediated by an Interaction With the Noradrenergic System? *Pharmacology Biochemistry and Behavior [PHARMACOL. BIOCHEM. BEHAV.]*. Vol. 49, no. 3, pp. 511-521. 1994.
Rejection Code: HUMAN HEALTH.
448. Grimm, E., Grube, A., Jahnke, S., and Neumann, S. (1995). Retention of Xenobiotics Along the Phloem Path. *Planta (heidelberg)* 197: 11-18.
Rejection Code: FATE.
449. Grossbard, E. (1985). Effects of Glyphosate on the Microflora: With Reference to the Decomposition of Treated Vegetation and Interaction with Some Pathogens. In: E.Grossbard and D.Atkinson (Eds.), *The Herbicide Glyphosate, Chapter 11*, Butterworth and Co., London, U.K. 159-185.
Rejection Code: REVIEW.
450. Grossbard, E. (1985). Effects of Glyphosate on the Microflora: With Reference to the Decomposition of Treated Vegetation and Interaction With Some Pathogens. In: E.Grossbard and D.Atkinson (Eds.), *The Herbicide Glyphosate, Chapter 11*, Butterworth and Co., London, U.K. 159-185.
Rejection Code: REVIEW.
451. Grossbard, E. and Cooper, S. L. (1974). The Decay of Cereal Straw After Spraying with Paraquat and Glyphosate. *Proc.12th Br.Weed Control Conf.* 337-343.
Rejection Code: NO SPECIES.
452. Grossbard, E. and Cooper, S. L. (1974). The Decay of Cereal Straw After Spraying With Paraquat and Glyphosate. *Proc.12th Br.Weed Control Conf.* 337-343.
Rejection Code: NO SPECIES.
453. Grosser, Z. A., Ryan, J. F., and Dong, M. W. (1993). Environmental Chromatographic Methods and Regulations in the United States of America. *J chromatogr* 642: 75-87.
Rejection Code: FATE, CHEM METHODS.
454. Guest, D. and Grant, B. (1991). The Complex Action of Phosphonates as Antifungal Agents. *Biol.Rev.Camb.Philos.Soc.* 66: 159-187.
Rejection Code: REVIEW.
455. Guest, D. I., Pegg, K. G., and Whiley, A. W. (1995). Control of Phytophthora Diseases of Tree Crops Using Trunk-Injected Phosphonates. *Janick, j. (Ed.). Horticultural reviews, vol. 17. Xiv+456p. John wiley and sons, inc.: New york, new york, usa. Chichester, england, uk. ISBN 0-471-57335-3.* 17: 299-330.
Rejection Code: REVIEW.
456. Guinivan, R. A., Thompson, N. P., and Wheeler, W. B. (1982). Verification of Structures of Chloroethyl N-Heptafluorobutyryl Derivatives of Glyphosate and (Aminomethyl)Phosphonic Acid by Chemical Ionization and Electron Impact Mass Spectrometry. *J.Agric.Food Chem.* 30: 977-982.
Rejection Code: NO SPECIES.
457. Guinivan, R. A., Thompson, N. P., and Wheeler, W. B. (1982). Verification of Structures of Chloroethyl N-Heptafluorobutyryl Derivatives of Glyphosate and (Aminomethyl)Phosphonic Acid by Chemical Ionization and Electron Impact Mass Spectrometry. *J.Agric.Food Chem.* 30: 977-982.
Rejection Code: NO SPECIES.
458. Gullino, M. L. and Kuijpers, L. Am (1994). Social and Political Implications of Managing Plant Diseases With Restricted Fungicides in Europe. *Cook, r. J. (Ed.). Annual review of phytopathology, vol. 32. Xv+639p. Annual reviews inc.: Palo alto, california, usa. ISBN 0-8243-1332-1.* 0: 559-580.

Rejection Code: NO TOX DATA.

459. Guo, Y. L., Wang, B. J., Lee, C. C., and Wang, J. D. (1996). Prevalence of Dermatoses and Skin Sensitisation Associated With Use of Pesticides in Fruit Farmers of Southern Taiwan. *OCCUPATIONAL AND ENVIRONMENTAL MEDICINE* 53: 427-431 .
Rejection Code: HUMAN HEALTH.
460. Gustafson, D. I. (1995). Development of Novel Active Ingredients. *Vighi, m. And e. Funari (ed.). Pesticide risk in groundwater. Xii+275p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. ISBN 0-87371-439-3.; 0: 153-161.
Rejection Code: HUMAN HEALTH.
461. Gutierrez, E., Arreguin, F., Huerto, R., and Saldana, P. (1994). Aquatic Weed Control. *Int.J.Water Resour.Dev.* 10: 291-312.
Rejection Code: REFS CHECKED/REVIEW.
462. Haag, W. R. and Yao, C. Cd (1992). Rate Constants for Reaction of Hydroxyl Radicals With Several Drinking Water Contaminants. *Environ sci technol* 26: 1005-1013.
Rejection Code: METHODS.
463. Haahtela, K., Kilpi, S., and Kari, K. (1988). Effects of Phenoxy Acid Herbicides and Glyphosate on Nitrogenase Activity (Acetylene Reduction) in Root-Associated Azospirillum, Enterobacter and Klebsiella. *FEMS Microbiol.Lett.* 53: 123-127.
Rejection Code: BACTERIA.
464. Haahtela, K., Kilpi, S., and Kari, K. (1988). Effects of Phenoxy Acid Herbicides and Glyphosate on Nitrogenase Activity Acetylene Reduction in Root-Associated Azospirillum Enterobacter and Klebsiella. *Fems (fed eur microbiol soc) microbiol ecol* 53: 123-128.
Rejection Code: BACTERIA.
465. Haderlie, L. C., Widholm, J. M., and Slife, F. W. (1977). Effect of Glyphosate on Carrot and Tobacco Cells. *Plant Physiol.* 60: 40-43.
Rejection Code: IN VITRO.
466. Haderlie, L. C., Widholm, J. M., and Slife, F. W. (1977). Effect of Glyphosate on Carrot and Tobacco Cells. *Plant Physiol.* 60: 40-43.
Rejection Code: IN VITRO.
467. Haggar, R. J., Oswald, A. K., and Richardson, W. G. (1986). A Review of the Impact and Control of Creeping Thistle Cirsium-Arvense in Grassland. *Crop prot* 5: 73-76.
Rejection Code: REVIEW.
468. Hajela, R., Hajela, N., Wu, R., and Sticklen, M. B. (1991). Transformation of Rice Using a Tungsten Mediated Microprojectile Method. *Symposium on the genetic dissection of plant cell processes held at the 20th annual meeting of the keystone symposia on molecular and cellular biology, keystone, colorado, usa, january 10-17, 1991. J cell biochem suppl* 0: 57.
Rejection Code: ABSTRACT.
469. Halfon, E., Galassi, S., Bruggemann, R., and Provini, A. (1996). Selection of Priority Properties to Assess Environmental Hazard of Pesticides. *Chemosphere* 33: 1543-1562.
Rejection Code: MODELING, SURVEY.
470. Hall, F. R. (1997). Spray Deposits: Opportunities for Improved Efficacy of Utilization Via Quality, Quantity and Formulation. *Phytoparasitica* 25: 39s-52s.
Rejection Code: METHODS.
471. Hall, S. and Godwin-Saad, E. (1996). Effects of Pollutants on Freshwater Organisms. *Water*

- environment research* 68: 776-784.
Rejection Code: REVIEW.
472. Hallas, L. E., Adams, W. J., and Heitkamp, M. A. (1992). Glyphosate Degradation by Immobilized Bacteria: Field Studies With Industrial Wastewater Effluent. *Appl environ microbiol* 58: 1215-1219.
Rejection Code: BACTERIA.
473. Hallas, L. E. and Balthazor, T. M. (1985). Glyphosate-Degrading Microorganisms From Industrial and Domestic Waste Treatment Biosystems. *85th annual meeting of the american society for microbiology, las vegas, nev., Usa, mar. 3-7, 1985. Abstr annu meet am soc microbiol* 85: 265.
Rejection Code: BACTERIA, FATE.
474. Hallas, L. E., Heitkamp, M. A., and Adams, W. J. (1991). Glyphosate Biodegradation by Immobilized Bacteria II. Pilot Plant Biotreatment of Glyphosate in Wastewater. *91st general meeting of the american society for microbiology, dallas, texas, usa, may 5-9, 1991. Abstr gen meet am soc microbiol* 91: 278.
Rejection Code: BACTERIA, FATE.
475. Hallas, L. E., Irvine, R. L., and Kulpa, C. F. (1989). Natural Selection as a Tool for Enhancing Specific Microbial Activities in Industrial Activated Sludge. *197th american chemical society national meeting, dallas, texas, usa, april 9-14, 1989. Abstr pap am chem soc* 197: Envr 34.
Rejection Code: FATE.
476. Hallberg, G. R. (1989). Pesticide Pollution of Groundwater in the Humid USA. *Agric ecosyst environ* 26: 299-368.
Rejection Code: FATE.
477. Hammond, B., Dudek, R., Lemen, J., and Nemeth, M. (2004). Results of a 13 Week Safety Assurance Study with Rats Fed Grain from Glyphosate Tolerant Corn. *Food Chem.Toxicol.* 42: 1003-1014.
Rejection Code: NO TOXICANT.
478. Hammond, B. G., Vicini, J. L., Hartnell, G. F., Naylor, M. W., Knight, C. D., Robinson, E. H., Fuchs, R. L., and Padgette, S. R. (1996). The Feeding Value of Soybeans Fed to Rats, Chickens, Catfish and Dairy Cattle is not Altered by Genetic Incorporation of Glyphosate Tolerance. *J.Nutr.* 126: 717-727.
Rejection Code: NO TOXICANT.
479. Hampson, D. R. and Manalo, J. L. (1998). The Activation of Glutamate Receptors by Kainic Acid and Domoic Acid. *Natural Toxins* 6: 153-158.
Rejection Code: IN VITRO.
480. Han, Y., Kwon, E. H., and Kim, S. J. (2003). Protection of Brain Cells Against Ampa-Induced Damage by Asiasari Radix Extracts. *Phytotherapy Research, 17 (8) pp. 882-886, 2003.*
Rejection Code: IN VITRO, BIOLOGICAL TOXICANT.
481. Haney, R. L., Senseman, S. A., Hons, F. M., and Zuberer, D. A. (2000). Effect of Glyphosate on Soil Microbial Activity and Biomass. *Weed Sci.* 48: 89-93.
Rejection Code: BACTERIA.
482. Haney, R. L., Senseman, S. A., Hons, F. M., and Zuberer, D. A. (2000). Effect of Glyphosate on Soil Microbial Activity and Biomass. *Weed Sci.* 48: 89-93.
Rejection Code: BACTERIA.
483. Hanks, J. E. and Beck, J. L. (1998). Sensor-Controlled Hooded Sprayer for Row Crops. *Weed Technology, 12 (2) pp. 308-314, 1998.*
Rejection Code: METHODS.
484. Hansen, C. (1996). The Use of Environmental Safety Factors in Denmark. *British crop protection*

council. Brighton crop protection conference: pests and diseases, 1996, vols. 1-3; international conference, brighton, england, uk, november 18-21, 1996. Xxiv+446p.(Vol. 1); xxiv+311p.(Vol. 2); xxiv+481p.(Vol. 3) british crop protection council (bcpc): farnham, england, uk. ISBN 0-948404-99-x.
0: 537-548.

Rejection Code: NO TOX DATA.

485. Harapin, M., Halambek, M., Liovic, B., Novak-Agbaba, S., and Matosevic, D. (1996). Integrated Methods of Plant Diseases, Insects and Weeds Control [Svestrane Metode Suzbijanja Biljnih Bolesti, Kukaca i Korova]. *S.Sever (Ed.), Zastita suma i prodrobivanje drva (Protection of Forests and Timber Production), Forestry Faculty, Univ.of Zagreb, Zagreb, Croatia 11-18 (SER)* (ENG ABS).
Rejection Code: METHODS/NON-ENGLISH.
486. Harden Gwen J, Fox Marilyn D, and Fox Barry J (2004). Monitoring and Assessment of Restoration of a Rainforest Remnant at Wingham Brush, Nsw. *Austral Ecology* 29: 489-507.
Rejection Code: SURVEY.
487. Harikrishnan, R. and Yang, X. B. (1998). Effect of Herbicides on Mycelial Growth Sclerotial Production and Viability of Rhizoctonia Solani Under in Vitro Conditions. *Annual meeting of the american phytopathological society, las vegas, nevada, usa, november 8-12, 1998. Phytopathology* 88: S36.
Rejection Code: ABSTRACT.
488. Harris, C. A. and Gaston, C. P. (2004). Effects of Refining Predicted Chronic Dietary Intakes of Pesticide Residues: a Case Study Using Glyphosate. *Food Additives & Contaminants* 21: 857-864.
Rejection Code: HUMAN HEALTH.
489. Harris, R. A., Mihic, S. J., Dildy-Mayfield, J. E., and Machu, T. K. (1995). Actions of Anesthetics on Ligand-Gated Ion Channels: Role of Receptor Subunit Composition. *FASEB Journal* 9: 1454-1462.
Rejection Code: HUMAN HEALTH.
490. Harrison, L. A., Bailey, M. R., Naylor, M. W., Ream, J. E., Hammond, B. G., Nida, D. L., Burnette, B. L., Nickson, T. E., Mitsky, T. A., Taylor, M. L., Fuchs, R. L., and Padgett, S. R. (1996). The Expressed Protein in Glyphosate-Tolerant Soybean, 5-Enolypyruvylshikimate-3-Phosphate Synthase From Agrobacterium Sp. Strain Cp4, Is Rapidly Digested in Vitro and Is Not Toxic to Acutely Gavaged Mice. *Journal of nutrition* 126: 728-740.
Rejection Code: HUMAN HEALTH.
491. Hart, M. R. and Brookes, P. C. (1996). Soil Microbial Biomass and Mineralisation of Soil Organic Matter After 19 Years of Cumulative Field Applications of Pesticides. *Soil biology & biochemistry* 28: 1641-1649.
Rejection Code: FATE, BACTERIA.
492. Hart, S. E. and Wax, L. M. (1999). Review and Future Prospectus on the Impacts of Herbicide Resistant Maize on Weed Management. *Maydica*, 44 (1) pp. 25-36, 1999.
Rejection Code: REVIEW.
493. Hashizume, B. (1990). Flazasulfuron, a New Turf Herbicide (Shibagen). *Jpn.Pestic.Inf.* 27-30.
Rejection Code: REFS CHECKED/REVIEW.
494. Haugboel, S. R., Ebert, B., and Ulrichsen, J. (2005). Upregulation of Glutamate Receptor Subtypes During Alcohol Withdrawal in Rats. *Alcohol and Alcoholism [Alcohol Alcohol.]*. Vol. 40, no. 2, pp. 89-95. Mar-Apr 2005.
Rejection Code: HUMAN HEALTH.
495. Heap, I. M. (1997). The Occurrence of Herbicide-Resistant Weeds Worldwide. *Pesticide Science* 51: 235-243.
Rejection Code: SURVEY.

496. Heck, G. R., Armstrong, C. L., Astwood, J. D., Behr, C. F., Bookout, J. T., Brown, S. M., Cavato, T. A., DeBoer, D. L., Deng, M. Y., George, C., Hillyard, J. R., Hironaka, C. M., Howe, A. R., Jakse, E. H., Ledesma, B. E., Lee, T. C., Lurette, R. P., Mangano, M. L., Mutz, J. N., Qi, Y., Rodriguez, R. E., Sidhu, S. R., Silvanovich, A., Stoecker, M. A., Yingling, R. A., and You, J. (2005). Development and Characterization of a Cp4 Epsps-Based, Glyphosate-Tolerant Corn Event. *Crop Science* 45: 329-339.
Rejection Code: NO TOX DATA.
497. Heinonen-Tanski, H. (1989). The Effect of Temperature and Liming on the Degradation of Glyphosate in Two Arctic Forest Soils. *Soil biol biochem* 21: 313-318.
Rejection Code: FATE.
498. Heitkamp, M. A., Adams, W. J., and Hallas, L. E. (1992). Glyphosate Degradation by Immobilized Bacteria: Laboratory Studies Showing Feasibility for Glyphosate Removal From Waste Water. *Can j microbiol* 38: 921-928.
Rejection Code: BACTERIA, FATE.
499. Heitkamp, M. A., Hallas, L. E., and Adams, W. J. (1991). Glyphosate Biodegradation by Immobilized Bacteria I. Laboratory Studies Showing Treatment Feasibility for Aqueous Waste Streams. *91st general meeting of the american society for microbiology, dallas, texas, usa, may 5-9, 1991. Abstr gen meet am soc microbiol* 91: 278.
Rejection Code: BACTERIA.
500. Helweg, A. (1988). Microbial Activities in Soil from Orchards Regularly Treated with Pesticides Compared to the Activity in Soils Without Pesticides (Organically Cultivated). *Pedobiologia* 32: 273-281.
Rejection Code: MIXTURE.
501. Helweg, A. (1986). Side-Effects Caused by Pesticide Combinations. In: V.Jensen, A.Kjoller, and L.H.Sorensen (Ed.), *FEMS (Fed.Eur.Microbiol.Soc.)Symp.No.33, Microbial Communities in Soil, Aug.4-8, 1985, Copenhagen, Denmark, Elsevier Appl.Sci.Publ.Ltd., Essex, England* 385-394.
Rejection Code: BACTERIA/MIXTURE.
502. Hemby Scott E, Tang Wenzue, Muly Emil C, Kuhar Michael J, Howell Leonard, and Mash Deborah C (2005). Cocaine-Induced Alterations in Nucleus Accumbens Ionotropic Glutamate Receptor Subunits in Human and Non-Human Primates. *Journal of Neurochemistry [J. Neurochem.]*. Vol. 95, no. 6, pp. 1785-1793. Dec 2005.
Rejection Code: HUMAN HEALTH.
503. Hendricks, C. W. and Rhodes, A. N. (1992). Effect of Glyphosate and Nitrappyrin on Selected Bacterial Populations in Continuous-Flow Culture. *Bull environ contam toxicol* 49: 417-424.
Rejection Code: BACTERIA.
504. Henriques, W., Jeffers, R. D., Lacher, T. E Jr, and Kendall, R. J. (1997). Agrochemical Use on Banana Plantations in Latin America: Perspectives on Ecological Risk. *Environmental toxicology and chemistry* 16: 91-99.
Rejection Code: HUMA N HEALTH.
505. Henry, W. B., Shaner, D. L., and West, M. S. (2007). Shikimate Accumulation in Sunflower, Wheat, and Proso Millet After Glyphosate Application. *Weed Science* 55: 1-5.
Rejection Code: IN VITRO.
506. Hepburn, A. G. and Widholm, J. M. (1992). Glyphosate Selected Amplification of the 5-Enolpyruvylshikimate-3-Phosphate Synthase Gene in Cultured Carrot Cells. Au - Shyr Y-Y J. *Mol gen genet* 232: 377-382.
Rejection Code: IN VITRO.
507. Hernández, M., Esteve, T., Prat, S., and Pla, M. (2004). Development of Real-Time Pcr Systems

- Based on Sybr(Registered Trademark) Green I, Amplifluor(Trademark) and Taqman(Registered Trademark) Technologies for Specific Quantitative Detection of the Transgenic Maize Event Ga21. *Journal of Cereal Science* 39: 99-107.
Rejection Code: METHODS, IN VITRO.
508. Hernando, M. D., De Vettori, S., Martinez Bueno, M. J., and Fernandez-Alba, A. R. (2007). Toxicity Evaluation With Vibrio Fischeri Test of Organic Chemicals Used in Aquaculture. *Chemosphere [Chemosphere]*. Vol. 68, no. 4, pp. 724-730. Jun 2007.
Rejection Code: BACTERIA.
509. Herrmann, K. M. and Weaver, L. M. (1999). The Shikimate Pathway. *Annual Review of Plant Physiology and Plant Molecular Biology*, 50 (-) pp. 473-503, 1999.
Rejection Code: IN VITRO, CHEM METHODS.
510. Hertzman, C., Wiens, M., Bowering, D., Snow, B., and Calne, D. (1990). Parkinson's Disease: a Case-Control Study of Occupational and Environmental Risk Factors. *Am j ind med* 17: 349-356.
Rejection Code: HUMAN HEALTH.
511. Hester, A. S. (1985). Calgene Has Another Route to Herbicide Resistance. *Genet technol news* 5: 2.
Rejection Code: ABSTRACT.
512. Hester, A. S. (1985). Inserted Gene Makes Tobacco Herbicide Resistant. *Genet technol news* 5: 1.
Rejection Code: ABSTRACT.
513. Hester, A. S. (1985). Monsanto Develops Different Route to Herbicide Resistance. *Genet technol news* 5: 1.
Rejection Code: ABSTRACT.
514. Hetherington, E. D., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). Carnation Creek Floodplain Hydrology September 1984 - September 1985.
Rejection Code: FATE.
515. Hetherington, P. R., Marshall, G., Kirkwood, R. C., and Warner, J. M. (1998). Absorption and Efflux of Glyphosate by Cell Suspensions. *Journal of Experimental Botany* 49: 527-533.
Rejection Code: IN VITRO.
516. Hiatt, W. R., Comai, L., Huang, L. J., Rose, R., Thompson, G., and Stalker, D. (1985). Introduction and Expression in Plants of a Glyphosate Resistant Aro-a Gene Isolated From *Salmonella-Typhimurium*. *Van vloten-doting, l., G. S. P. Groot and t. C. Hall (ed.). Nato asi (advanced science institutes) series series a life sciences, vol. 83. Molecular form and function of the plant genome; nato advanced study institute-febs (federation of european biochemical societies) advanced course, renesse, netherlands, july 4-14, 1984. Xii+693p. Plenum press: new york, n.y., Usa; london, england. Illus. ISBN 0-306-41913-0. 0: 479-488.*
Rejection Code: IN VITRO.
517. Hinchee, M. A., Padgett, S. R., Kishore, G. M., Delannay, X., and Fraley, R. T. (1993). Herbicide-Tolerant Crops. *Kung, s.-D. And r. Wu (ed.). Transgenic plants, vol. 1. Engineering and utilization. Xvi+383p. Academic press, inc.: San diego, california, usa. London, england, uk. Illus. ISBN 0-12-428781-6 0: 243-263.*
Rejection Code: REVIEW.
518. Hjeljord, O. (1994). Moose (*Alces alces*) and Mountain Hare (*Lepus timidus*) Use of Conifer Plantations Following Glyphosate Application. *Norw.J.Agric.Sci.* 8: 181-188.
Rejection Code: NO CONC.
519. Hjeljord, O. and Gronvold, S. (1988). Glyphosate Application in Forest - Ecological Aspects. VI.

- Browsing by Moose (*Alces alces*) in Relation to Chemical and Mechanical Brush Control.
Scand.J.For.Res. 3: 115-121.
Rejection Code: NO CONC.
520. Hjeljord, O., Sahlgard, V., Enge, E., Eggestad, M., and Gronvold, S. (1988). Glyphosate Application in Forest - Ecological Aspects. VII. The Effect on Mountain Hare (*Lepus timidus*) Use of a Forest Plantation. *Scand.J.For.Res.* 3: 123-127.
Rejection Code: NO CONC.
521. Hoagland, R. E. (1987). Glyphosate Effects on Proteolytic Enzyme Activity in Soybean Axes. *Bot gaz* 148: 7-11.
Rejection Code: IN VITRO.
522. Hodgson, E. (1987). Reviews in Environmental Toxicology 3. *Hodgson, e. (Ed.). Reviews in environmental toxicology, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. ISBN 0-444-80902-3. 0: Xi+287p.*
Rejection Code: FATE.
523. Hoffman, D. J. (1990). Embryotoxicity and Teratogenicity of Environmental Contaminants to Bird Eggs. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 115. Ix+156p. Springer-verlag new york, inc.: Secaucus, new jersey, usa. Berlin, west germany. Illus. ISBN 0-387-97289-7; isbn 3-540-97289-7. 0: 39-90.*
Rejection Code: REVIEW.
524. Hogendoorn, E. A., Ossendrijver, F. M., Dijkman, E., and Baumann, R. A. (1999). Rapid Determination of Glyphosate in Cereal Samples by Means of Pre-Column Derivatization With 9-Fluorenylmethyl Chloroformate and Coupled-Column Liquid Chromatography With Fluorescence Detection. *Journal of chromatography a* 833: 67-73.
Rejection Code: CHEM METHODS.
525. Hollaender-Czytko, H., Johaenning, D., Meyer, H. E., and Amrhein, N. (1988). Molecular Basis for the Overproduction of 5 Enolpyruvylshikimate 3-Phosphate Synthase in a Glyphosate-Tolerant Cell Suspension Culture of *Corydalis-Sempervirens*. *Plant mol biol* 11: 215-222.
Rejection Code: IN VITRO.
526. Holleander-Czytko, H., Sommer, I., and Amrhein, N. (1992). Glyphosate Tolerance of Cultured *Corydalis Sempervirens* Cells Is Acquired by an Increased Rate of Transcription of 5-Enolpyruvylshikimate-3-Phosphate Synthase as Well as by a Reduced Turnover of the Enzyme. *Plant mol biol* 20: 1029-1036.
Rejection Code: IN VITRO.
527. Holman, T. D. (1997). A Case History How Pesticide Data Has Been Misrepresented to Disparage Roundup Herbicide. *213th national meeting of the american chemical society, san francisco, california, usa, april 13-17, 1997. Abstracts of papers american chemical society 213: Agro 147.*
Rejection Code: ABSTRACT .
528. Honegger, J. L., Brooks, J. M., Anderson, E. J., and Porter, C. A. (1986). 80. Glyphosate Transport in Plants. *Cronshaw, j., W. J. Lucas and r. T. Giaquinta (ed.). Plant biology (new york), vol. 1. Phloem transport Third international conference, pacific grove, calif., Usa, aug. 18-23, 1985. Xxix+650p. Alan r. Liss, inc.: New york, n.y., Usa. Illus. ISBN 0-8451-1800-5.; 0: 609-618.*
Rejection Code: FATE.
529. Hoorne, D. and Rogiers, L. M. (1993). Adjuvants as Activity Enhancers for Glyphosate and Isoproturon. *Third international symposium on adjuvants for agrochemicals held by the physicochemical and biophysical panel of the sci (society of chemical industry) pesticides group, cambridge, england, uk, august 3-7, 1992. Pesticide science* 38: 262-263.

Rejection Code: ABSTRACT.

530. Hopen, H. J. (1994). Overview of Herbicides Available for Cabbage Production in Illinois and Wisconsin for Thirty Years 1965-1994. *91st annual meeting of the american society for horticultural science, corvallis, oregon, usa, august 7-10, 1994. Hortscience* 29: 471.
Rejection Code: ABSTRACT.
531. Hornsby, A. G., Buttler, T. M., and Brown, R. B. (1993). Managing Pesticides for Crop Production and Water Quality Protection: Practical Grower Guides. *Agriculture ecosystems & environment* 46: 187-196.
Rejection Code: NO TOX DATA.
532. Horowitz, M. (1990). Rorippa-Prostrata a New Weed in Flower Crops. *11th conference of the weed science society of israel, bet dagan, israel, february 26-27, 1990. Phytoparasitica* 18: 254.
Rejection Code: ABSTRACT.
533. Horsley, S. W. and Moser, J. A. (1990). Monitoring Ground Water for Pesticides at a Golf Course a Case Study on Cape Cod Massachusetts Usa. *Ground water monit rev* 10: 101-108.
Rejection Code: FATE.
534. Hou, Y. N., Cebers, G., Cebere, A., Terenius, L., and Liljequist, S. *. (1996). N-Methyl-D-Aspartate-Induced Enhancement of Activator Protein-1 Dna Binding Activity Is Blocked by Ethanol in Cerebellar Granule Cells. *European Journal of Pharmacology. Vol. 309, no. 3, pp. 307-310. Aug 1996.*
Rejection Code: IN VITRO.
535. House, G. J. (1989). Soil Arthropods from Weed and Crop Roots of an Agroecosystem in a Wheat-Soybean-Corn Rotation: Impact of Tillage and Herbicides. *Agric.Ecosyst.Environ.* 25: 233-244.
Rejection Code: MIXTURE.
536. House, G. J., Worsham, A. D., Sheets, T. J., and Stinner, R. E. (1987). Herbicide Effects on Soil Arthropod Dynamics and Wheat Straw Decomposition in a North Carolina No-Tillage Agroecosystem. *Biol.Fertil.Soils* 4: 109-114.
Rejection Code: MIXTURE.
537. Huber, A., Bach, M., and Frede, H. G. (1998). Modeling Pesticide Losses With Surface Runoff in Germany. *Science of the total environment* 223: 177-191.
Rejection Code: HUMAN HEALTH.
538. Hui, X., Wester, R. C., Magee, P. S., and Maibach, H. I. (1995). Partitioning of Chemicals From Water Into Powdered Human Stratum Corneum (Callus): a Model Study. *In vitro toxicology* 8: 159-167.
Rejection Code: HUMAN HEALTH.
539. Hung, D. Z. , Deng, J. F., and Wu, T. C. (1997). Laryngeal Survey in Glyphosate Intoxication: a Pathophysiological Investigation. *Human & experimental toxicology* 16: 596-599.
Rejection Code: HUMAN HEALTH.
540. Huynh, Q. K. (1988). Evidence for a Reactive Gamma Carboxyl Group Glu-418 at the Herbicide Glyphosate Binding Site of 5 Enol-Pyruvoylshikimate-3-Phosphate Synthase From Escherichia-Coli. *J biol chem* 263: 11631-11635.
Rejection Code: BACTERIA, FATE.
541. Huynh, Q. K. (1987). Reaction of 5 Enol-Pyruvoylshikimate-3-Phosphate Synthase With Diethyl Pyrocarbonate Evidence for an Essential Histidine Residue. *Arch biochem biophys* 258: 233-239.
Rejection Code: FATE.
542. Huynh, Q. K., Bauer, S. C., Bild, G. S., Kishore, G. M., and Borgmeyer, J. R. (1988). Site-Directed

- Mutagenesis of Petunia-Hybrida 5 Enolpyruvylshikimate-3-Phosphate Synthase Lys-23 Is Essential for Substrate Binding. *J biol chem* 263: 11636-11639.
- Rejection Code: BACTERIA.
543. Huynh, Q. K., Kishore, G. M., and Bild, G. S. (1988). 5-Enolpyruvyl Shikimate 3-Phosphate Synthase From Escherichia Coli: Identification of Lysine-22 as a Potential Active Site Residue. *J biol chem* 263: 735-739.
Rejection Code: BACTERIA.
544. Huynh, Q. K. (1993). Photo-Oxidation of 5-Enolpyruvylshikimate-3-Phosphate Synthase From Escherichia Coli: Evidence for a Reactive Imidazole Group (His385) at the Herbicide Glyphosate-Binding Site. *Biochem j* 290: 525-530.
Rejection Code: BACTERIA.
545. Ibaoui, H. E., Delrot, S., Besson, J., and Bonnemain, J. L. (1986). Uptake and Release of a Phloem-Mobile Glyphosate and of a Non-Phloem-Mobile Iprodione Xenobiotic by Broad Bean Vicia-Faba Leaf Tissues. *Physiol veg* 24: 431-442.
Rejection Code: FATE, IN VITRO.
546. Ingram, J. C., Groenewold, G. S., Appelhans, A. D., Delmore, J. E., Olson, J. E., and Miller, D. L. (1997). Direct Surface Analysis of Pesticides on Soil, Leaves, Grass, and Stainless Steel by Static Secondary Ion Mass Spectrometry. *Environmental science & technology* 31: 402-408.
Rejection Code: FATE, METHODS.
547. Ismail, B. S., Kader, A. J., and Omar, O. (1995). Effects of Glyphosate on Cellulose Decomposition in Two Soils. *Folia microbiologica* 40: 499-502.
Rejection Code: FATE.
548. Ito, N., Hagiwara, A., Tamano, S., Futacuchi, M., Imaida, K., and Shirai, T. (1996). Effects of Pesticide Mixtures at the Acceptable Daily Intake Levels on Rat Carcinogenesis. *Food Chem. Toxicol.* 34: 1091-1096.
Rejection Code: MIXTURE.
549. Ito, N., Hagiwara, A., Tamano, S., Hasegawa, R., Imaida, K., Hirose, M., and Shirai, T. (1995). Lack of Carcinogenicity of Pesticide Mixtures Administered in the Diet at Acceptable Daily Intake (ADI) Dose Levels in Rats. *Toxicol.Lett.* 82/83: 513-520.
Rejection Code: MIXTURE.
550. Jacob, G. S., Garbow, J. R., Hallas, L. E., Kimack, N. M., Kishore, G. M., and Schaefer, J. (1988). Metabolism of Glyphosate in Pseudomonas-Sp Strain Lbr. *Appl environ microbiol* 54: 2953-2958.
Rejection Code: BACTERIA.
551. Jacobs, E. H., Wardeh, G., Smit, A. B., and Schoffelmeer, A. N. M. (2005). Morphine Causes a Delayed Increase in Glutamate Receptor Functioning in the Nucleus Accumbens Core. *European Journal of Pharmacology [Eur. J. Pharmacol.]*. Vol. 511, no. 1, pp. 27-30. Mar 2005.
Rejection Code: HUMAN HEALTH.
552. Jain, M., Bhatnagar, R. K., and Sarin, N. B. (1999). Isolation and Biochemical Diagnosis of Cell Lines of Groundnut (*Arachis Hypogaea* L) Selected on Glyphosate. *Pesticide Science*, 55 (8) pp. 843-849, 1999.
Rejection Code: IN VITRO.
553. Jain, M., Choudhary, D., Kale, R. K., and Bhalla-Sarin, N. (2002). Salt- and Glyphosate-Induced Increase in Glyoxalase I Activity in Cell Lines of Groundnut (*Arachis Hypogaea*). *Physiologia Plantarum* 114: 499-505.
Rejection Code: IN VITRO.

554. Jamison, J. P., Langlands, J. Hm, and Lowry, R. C. (Ventilatory Impairment From Pre-Harvest Retted Flax. *Br j ind med*; 43 (12). 1986 (recd. 1987). 809-813.
Rejection Code: HUMAN HEALTH.
555. Janssens, I., Tanghe, T., and Verstraete, W. (1997). Micropollutants: a Bottleneck in Sustainable Wastewater Treatment. *Water science and technology* 35: 13-26.
Rejection Code: FATE.
556. Jauhainen, A., Rasanen, K., Sarantila, R., Nuutinen, J., and Kangas, J. (1991). Occupational Exposure of Forest Workers to Glyphosate During Brush Saw Spraying Work. *Am ind hyg assoc j* 52: 61-64.
Rejection Code: HUMAN HEALTH.
557. Jayaram Prathiba and Steketee Jeffery D (2006). Cocaine-Induced Increases in Medial Prefrontal Cortical Gaba Transmission Involves Glutamatergic Receptors. *European Journal of Pharmacology [Eur. J. Pharmacol.]*. Vol. 531, no. 1-3, pp. 74-79. 2006.
Rejection Code: HUMAN HEALTH.
558. Jedel, P. E. and Helm, J. H. (1991). Agronomic Research Results for Field Peas in Central Alberta. *Meeting of the canadian society of agronomy, penticton, british columbia, canada, 1990. Can j plant sci* 71: 227.
Rejection Code: ABSTRACT.
559. Jenkins, J. N. (1992). Biotechnology to Control Pests in Cotton. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro207.
Rejection Code: ABSTRACT.
560. Jetten, J., De Kruijf N, and Van, D. E. N. Berg F (1994). Polyethylene Terephthalate Bottles (Prbs): a Health and Safety Assessment. *Au - Feron Vj. Food additives and contaminants* 11: 571-594 .
Rejection Code: HUMAN HEALTH.
561. Jeyaratnam, J. and Maroni, M. (1994). Health Surveillance of Pesticide Workers a Manual for Occupational Health Professionals Organophosphorous Compounds. *Toxicology* 91: 15-17.
Rejection Code: HUMAN HEALTH.
562. Joersbo, M. and Okkels, F. T. (1996). Calcium Reduces Toxicity of Aminoglycoside Antibiotics in Sugar Beet Explants in Vitro. *Physiologia Plantarum* 97: 245-250.
Rejection Code: IN VITRO.
563. Johnson, W. G. and Gibson, K. D. (2006). Glyphosate-Resistant Weeds and Resistance Management Strategies: an Indiana Grower Perspective. *Weed Technology* 20: 768-772.
Rejection Code: SURVEY.
564. Johnson, W. W. and Finley, M. T. (1980). Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. *Resour.Publ.137, Fish Wildl.Serv., U.S.D.I., Washington, D.C* 98 p. (OECDG Data File) (Publ As 6797).
Rejection Code: PUBL AS.
565. Jolley, V. D., Hansen, N. C., and Shiffler, A. K. (2004). Nutritional and Management Related Interactions With Iron-Deficiency Stress Response Mechanisms. *Soil Science and Plant Nutrition* 50: 973-981.
Rejection Code: REVIEW.
566. Jones, G. (1985). Monsanto Find Key to Glyphosate Resistance. *Pract biotechnol* 6: 4.
Rejection Code: ABSTRACT.
567. Jones, J. D., Goldsbrough, P. B., and Weller, S. C. (1992). Characterization of Tobacco Plantlets

- Regenerated From Glyphosate Resistant Cell Cultures. *Annual meeting of the american society of plant physiologists, pittsburgh, pennsylvania, usa, august 1-5, 1992. Plant physiol (bethesda) 99: 48.*
Rejection Code: ABSTRACT.
568. Jones, J. D., Goldsbrough, P. B., and Weller, S. C. (1996). Stability and Expression of Amplified Epsps Genes in Glyphosate Resistant Tobacco Cells and Plantlets. *Plant Cell Reports* 15: 431-436.
Rejection Code: IN VITRO.
569. Kaattari, I. M., Rhodes, M. W., Kaattari, S. L., and Shotts, E. B. (2006). The Evolving Story of Mycobacterium tuberculosis Clade Members Detected in Fish. *J.Fish Diseases* 29: 509-520 .
Rejection Code: BACTERIA.
570. Kahrizi, D. , Salmanian, A. H., Afshari, A., Moieni, A., and Mousavi, A. (2007). Simultaneous Substitution of Gly96 to Ala and Ala183 to Thr in 5-Enolpyruvylshikimate-3-Phosphate Synthase Gene of E. Coli (K12) and Transformation of Rapeseed (*Brassica Napus L.*) In Order to Make Tolerance to Glyphosate. *Plant Cell Reports* 26: 95-104.
Rejection Code: NO TOX DATA.
571. Kahru, A., Tomson, K., Pall, T., Kuelm, I., Nyholm, N. (ed), and Jacobsen, B. N. (ed) (1996). Study of Toxicity of Pesticides Using Luminescent Bacteria *Photobacterium Phosphoreum*.
Rejection Code: BACTERIA.
572. Kale, P., Kale, R., and Sohni, Y. (1995). Mutagenicity of Two Pesticides and Seven Herbicides Currently Used in Agriculture. *26th annual meeting of the environmental mutagen society, st. Louis, missouri, usa, march 12-16, 1995. Environmental and molecular mutagenesis* 25: 26.
Rejection Code: ABSTRACT.
573. Kamrin, M. A. (1997). Pesticide Profiles Toxicity Environmental Impact and Fate. *Kamrin, m. A. (Ed.). Pesticide profiles: toxicity, environmental impact, and fate. Xix+676p. Crc press publishers inc.: Boca raton, florida, usa. London, england, uk. ISBN 1-56670-190-2 0: Xix+676p.*
Rejection Code: REVIEW.
574. Kaps, M. A. and Kuhns, L. J. (1987). The Effect of Glyphosate on the Growth of Two Mycorrhizal Fungi in Pure Culture. *84th annual meeting of the american society for horticultural science and the 34th annual congress of the interamerican society for tropical horticulture, orlando, florida, usa, november 6-12, 1987. Hortscience* 22: 1058.
Rejection Code: ABSTRACT.
575. Kaps, M. A. and Kuhns, L. J. (1987). Glyphosate Transfer Between Plants Via Mycorrhizal Fungi. *84th annual meeting of the american society for horticultural science and the 34th annual congress of the interamerican society for tropical horticulture, orlando, florida, usa, november 6-12, 1987. Hortscience* 22: 1128.
Rejection Code: ABSTRACT.
576. Kassebaum, J. W. (1993). Surlynol Surfactants as Defoamers for Glyphosate Formulations With Alkyl Glycoside Surfactants. *Berger, p. D., B. N. Devisetty and f. R. Hall (ed.). Astm (american society for testing and materials) special technical publication, 1183. Pesticide formulations and application systems, vol. 13; meeting, miami, florida, usa, november 18-19, 1992. Xi+417p. Astm (american society for testing and materials): philadelphia, pennsylvania, usa. ISBN 0-8031-1888-0.; 0: 3-13.*
Rejection Code: CHEM METHODS.
577. Kataoka, H. , Horii, K., and Makita, M. (1991). Determination of the Herbicide Glyphosate and Its Metabolite (Aminomethyl)Phosphonic Acid by Gas Chromatography With Flame Photometric Detection. *Agric biol chem* 55: 195-198.
Rejection Code: CHEM METHODS.
578. Kataoka, H. , Ryu, S., Sakiyama, N., and Makita, M. (1996). Simple and Rapid Determination of the

- Herbicides Glyphosate and Glufosinate in River Water, Soil and Carrot Samples by Gas Chromatography With Flame Photometric Detection. *Journal of Chromatography A*, 726 (1-2) pp. 253-258, 1996.
Rejection Code: SURVEY.
579. Kataoka, H. , Ryu, S., Sakiyama, N., and Makita, M. (1996). Simple and Rapid Determination of the Herbicides Glyphosphate and Glufosinate in River Water, Soil and Carrot Samples by Gas Chromatography With Flame Photometric Detection. *Journal of chromatography a* 726: 253-258.
Rejection Code: CHEM METHODS, FATE.
580. Kawai, N. (2005). Spider Polyamine Toxin. *Toxin Reviews* 24: 271-587.
Rejection Code: IN VITRO, BIOLOGICAL TOXICANT.
581. Kawai, S., Uno, B., and Tomita, M. (1991). Determination of Glyphosate and Its Major Metabolite Aminomethylphosphonic Acid by High-Performance Liquid Chromatography After Derivatization With P-Toluenesulfonyl Chloride. *J chromatogr* 540: 411-415.
Rejection Code: CHEM METHODS.
582. Kawasaki Yoichi, Jin Chunyu, Suemaru Katsuya, Kawasaki Hiromu, Shibata Kazuhiko, Choshi Tominari, Hibino Satoshi, Gomita Yutaka, and Araki Hiroaki (2005). Effect of Glutamate Receptor Antagonists on Place Aversion Induced by Naloxone in Single-Dose Morphine-Treated Rats. *British Journal of Pharmacology [Br. J. Pharmacol.]*. Vol. 145, no. 6, pp. 751-757. Jul 2005.
Rejection Code: HUMAN HEALTH.
583. Kedar, Y. (1990). Control of Jojoba Simmondsia-Chinensis Seedlings With a Jojoba Plantation. *11th conference of the weed science society of israel, bet dagan, israel, february 26-27, 1990.* *Phytoparasitica* 18: 266.
Rejection Code: ABSTRACT.
584. Kent, R. A. and Chapman, P. (1991). Data Gaps in the Aquatic Toxicology of Priority Pesticides and Industrial Toxic Substances in Canada Proceedings of the 17th Annual Aquatic Toxicity Workshop, Nov 5-7, 1990, Vancouver, B.C. 2: 1111-1124.
Rejection Code: METHODS.
585. Kerr, D. S. , Razak, A., and Crawford, N. (2002). Age-Related Changes in Tolerance to the Marine Algal Excitotoxin Domoic Acid. *Neuropharmacology* 43: 357-366.
Rejection Code: BIOLOGICAL TOXICANT, IN VITRO.
586. Kertesz, M. A., Cook, A. M., and Leisinger, T. (1994). Microbial Metabolism of Sulfur-and Phosphorus-Containing Xenobiotics. *Fems microbiology reviews* 15: 195-215.
Rejection Code: BACTERIA.
587. Khai Huynh Q (1988). Evidence for a Reactive Gamma Carboxyl Group Glutamic Acid-418 at the Herbicide Glyphosate Binding Site of 5 Enolpyruvylshikimate 3-Phosphate Synthase From Escherichia-Coli. *72nd annual meeting of the federation of american societies for experimental biology, las vegas, nevada, usa, may 1-5, 1988. Faseb (fed am soc exp biol) j* 2: Abstract 1578.
Rejection Code: BACTERIA.
588. Khan, M. A. and Liang, T. (1989). Mapping Pesticide Contamination Potential. *Environ manage* 13: 233-242.
Rejection Code: FATE, METHODS.
589. Kientz, C. E., Verweij, A., De Jong Gj, and Brinkman, U. At (1992). Flame-Based Thermionic Detection Coupled On-Line With Microcolumn Liquid Chromatography I. Optimization of the System. *Second international symposium on hyphenated techniques in chromatography, antwerp, belgium, february 18-21, 1992. J chromatogr* 626: 59-69.
Rejection Code: CHEM METHODS.

590. Kim, Y. H., Choi, S. J., Lee, H. A., and Moon, T. W. (2006). Quantitation of Cp4 5-Enolpyruvylshikimate-3-Phosphate Synthase in Soybean by Two-Dimensional Gel Electrophoresis. *Journal of Microbiology and Biotechnology* 16: 25-31.
Rejection Code: CHEM METHODS.
591. Kirkwood, R. C. (1993). Use and Mode of Action of Adjuvants for Herbicides a Review of Some Current Work. *Third international symposium on adjuvants for agrochemicals held by the physicochemical and biophysical panel of the sci (society of chemical industry) pesticides group, cambridge, england, uk, august 3-7, 1992. Pesticide science* 38: 93-102.
Rejection Code: REVIEW.
592. Kishore, G. , Barry, G., Padgett, S., Re, D., Eichholtz, D., Didier, D., Parker, G., and Delannay, X. (1992). Roundup Tolerant Crops Opportunities for a Better Weed Management System. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro144.
Rejection Code: ABSTRACT.
593. Kishore, G. , Padgett, S. R., Della-Cioppa, G., Re, D. B. , Brundage, L., Shah, D., Gasser, C., Sanders, P., Klee, H. and others (1987). Epsp Synthase From Biochemistry to Genetic Engineering of Herbicide Tolerance. *78th annual meeting of the american society of biological chemists, philadelphia, pennsylvania, usa, june 7-11, 1987. Fed proc* 46: 2055.
Rejection Code: IN VITRO.
594. Kishore, G. M. and Jacob, G. S. (1987). Degradation of Glyphosate by Pseudomonas-Sp Pg2982 Via a Sarcosine Intermediate. *J biol chem* 262: 12164-12168.
Rejection Code: BACTERIA, FATE.
595. Kjolholt, J. (1990). Distribution of Pesticides and Potential Exposure of Non-target Organisms Following Application. In: L.Somerville and C.H.Walker (Eds.), *Pesticide Effects on Terrestrial Wildlife*, Taylor and Francis, London, England, UK 33-63.
Rejection Code: REFS CHECKED/REVIEW.
596. Kleinschmidt, H. (1991). Queensland Department of Primary Industries Information Series Qi90037 Suburban Weeds Second Edition. *Kleinschmidt, h. Queensland department of primary industries information series, qf90037. Suburban weeds, second edition. V+86p. Queensland department of primary industries: brisbane, queensland, australia. Illus. Paper. ISBN 0-7242-3937-5. 0: V+86p.*
Rejection Code: REVIEW.
597. Klemedtsson, L., Stenstrom, J., and Torstensson, L. (1991). Testing the Influence of Chemicals on Soil Autotrophic Ammonium Oxidation. Au - Hansson G-B. *Environ toxicol water qual* 6: 351-360 .
Rejection Code: FATE.
598. 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.
Rejection Code: REVIEW.
599. Klinger, J. , Lang, M., Sacher, F., Brauch, H. J., Maier, D., and Worch, E. (1998). Formation of Glyphosate and Ampa During Ozonation of Waters Containing Ethylenediaminetetra(Methylenephosphonic Acid). *Ozone science & engineering* 20: 99-110.
Rejection Code: FATE.
600. Knezevic, S. Z., Evans, S. P., Blankenship, E. E., Van Acker, R. C., and Lindquist, J. L. (2002). Critical Period for Weed Control: the Concept and Data Analysis. *Weed Science*, 50 (6) pp. 773-776, 2002.
Rejection Code: METHODS.
601. Knutson, R. (1997). Hypericum in National Parks Current Control Strategies in New South Wales.

Workshop on st. John's wort: hypericum perforatum l.: Integrated control and management, canberra, act, australia, november 13-14, 1996. Plant protection quarterly 12: 102-103.

Rejection Code: ABSTRACT.

602. Koechlin, D. and Wittke, A. (Sustainable Business and the Pesticide Business a Comparison. *Vorley, w. And d. Keeney (ed.). Bugs in the system: redesigning the pesticide industry for sustainable agriculture. Xviii+222p. Earthscan publications ltd.: London, england, uk. ISBN 1-85383-429-7(paper); isbn 1-85383-430-0(cloth).; 0 (0). 1998. 107-135.*
Rejection Code: METHODS.
603. Kogan, M., Metz, A., and Ortega, R. (2003). Adsorption of Glyphosate in Chilean Soils and Its Relationship With Unoccupied Phosphate Binding Sites. *Pesquisa Agropecuaria Brasileira*, 38 (4) pp. 513-519, 2003.
Rejection Code: FATE.
604. Kolankaya, Durdane and Caglar, Sinan (2007). The toxic effects of sub-chronic exposure of glyphosate-based herbicide Roundup on the rats: Abstracts of the 44th Congress of the European Societies of Toxicology. *Toxicology Letters* 172: S212.
Rejection Code: ABSTRACT.
605. Kolpin Dana W, Thurman EMichael, 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: FATE.
606. Komossa, D., Langebartels, C., and Sandermann, H. Jr. (1995). Metabolic Processes for Organic Chemicals in Plants. In: *S.Trapp and J.C.McFarlane (Eds.), Plant Contamination: Modeling and Simulation of Organic Chemical Processes*, CRC Press Inc., Boca Raton, FL 69-103.
Rejection Code: REVIEW.
607. Komossa, D. , Langebartels, C., and Sandermann, H. Jr (1995). Metabolic Processes for Organic Chemicals in Plants. *Trapp, s. And j. C. Mcfarlane (ed.). Plant contamination: modeling and simulation of organic chemical processes. Ix+254p. Crc press, inc.: Boca raton, florida, usa. London, england, uk. ISBN 1-56670-078-7. 0: 69-103.*
Rejection Code: FATE, IN VITRO.
608. Konar, S. K. and Roy, D. N. (1990). Method for the Determination of Residues of the Herbicide Glyphosate and Its Principal Metabolite, Aminomethylphosphonic Acid, in Plant Materials by Nitrogen-Selective Gas Chromatography. *Anal chim acta* 229: 277-280.
Rejection Code: CHEM METHODS.
609. Konnai, M. (1993). Development of Herbicides and Changes in Their Potencies. *Agrochem.Jpn.* 18-19.
Rejection Code: REFS CHECKED/REVIEW .
610. Kookana, R. S., Baskaran, S., and Naidu, R. (1998). Pesticide Fate and Behaviour in Australian Soils in Relation to Contamination and Management of Soil and Water: a Review. *Australian journal of soil research* 36: 715-764.
Rejection Code: FATE.
611. Kraus, J. L. (1986). Strategies to Synthesize a New Glyphosate Tetrazole Analogue. *Synth commun* 16: 827-832.
Rejection Code: CHEM METHODS.
612. Kreuter, J. D., Mattson, B. J., Wang, B., You, Z. B., and Hope, B. T. (2004). Cocaine-Induced Fos Expression in Rat Striatum Is Blocked by Chloral Hydrate or Urethane. *Neuroscience [Neuroscience]*. Vol. 127, no. 1, pp. 233-242. 2004.

Rejection Code: HUMAN HEALTH.

613. Kristen, U. and Kappler, R. (1995). The Pollen Tube Growth Test. *O'hare, s. And c. K. Atterwill (ed.). Methods in molecular biology, vol. 43. In vitro toxicity testing protocols. Xiv+332p. Humana press inc.: Totowa, new jersey, usa. ISBN 0-89603-282-5. 0: 189-198.*
Rejection Code: IN VITRO.
614. Krivankova, L. and Bocek, P. (1986). Analytical Control of the Production of Herbicides and Growth Regulators Glyphosate and Glyphosine by Capillary Isotachophoresis. *Electrophoresis* 7: 100-103.
Rejection Code: METHODS.
615. Krol, E., Dziubinska, H., Trebacz, K., Koselski, M., and Stolarz, M. (2007). The Influence of Glutamic and Aminoacetic Acids on the Excitability of the Liverwort *Conocephalum Conicum*. *Journal of Plant Physiology* 164: 773-784.
Rejection Code: IN VITRO.
616. Krueger Katharina, Gruner Janina, Madeja Michael, Hartmann LouiseM. , Hirner Alfred V, Binding Norbert, and Musshoff Ulrich (2006). Blockade and Enhancement of Glutamate Receptor Responses in Xenopus Oocytes by Methylated Arsenicals. *Archives of Toxicology* 80: 492-501 .
Rejection Code: IN VITRO.
617. Kruper, A., Gehrke, P., and Amrhein, N. (1990). Facile and Economical Preparation of Carbon-14 Labelled Shikimic Acid. *J labelled compd radiopharm* 28: 713-718.
Rejection Code: CHEM METHODS.
618. Kubik, M. and Bryk, M. (1985). Translocation of Carbon-14-Labeled N Phosphonomethylglycine From Apple Root Suckers to the Tree. *Fruit sci rep (skierniewice)* 12: 87-96.
Rejection Code: FATE.
619. Kuhns, L. and Harpster, T. (1999). An Evaluation of Sulphosate and Four Glyphosate Formulations on Conifers. *96th annual international conference of the american society for horticultural science, minneapolis, minnesota, usa, july 27-31, 1999.yhortscience* 34: 550-551 .
Rejection Code: ABSTRACT.
620. Kuklinsky-Sobral, J., Arau(acute)jo, W. L., Mendes, R., Pizzirani-Kleiner, A. A., and Azevedo, J. L. (2005). Isolation and Characterization of Endophytic Bacteria From Soybean (*Glycine Max*) Grown in Soil Treated With Glyphosate Herbicide. *Plant and Soil* 273: 91-99.
Rejection Code: BACTERIA.
621. Lachnicht, S. L., Hendrix, P. F., Potter, R. L., Coleman, D. C., and Crossley, J. r. DA (2004). Winter Decomposition of Transgenic Cotton Residue in Conventional-Till and No-Till Systems. *Applied Soil Ecology* 27: 135-142.
Rejection Code: BIOLOGICAL TOXICANT, FATE.
622. Laitinen, P., Siimes, K., Eronen, L., Ra(dieresis)mo(dieresis), S., Welling, L., Oinonen, S., Mattsoff, L., and Ruohonen-Lehto, M. (2006). Fate of the Herbicides Glyphosate, Glufosinate-Ammonium, Phenmedipham, Ethofumesate and Metamitron in Two Finnish Arable Soils. *Pest Management Science* 62: 473-491.
Rejection Code: FATE.
623. Lam, R. Hf, Brown, J. P., and Fan, A. M. (1994). Chemicals in California Drinking Water Source of Contamination Risk Assessment and Drinking Water Standards. *Wang, r. G. M. (Ed.). Environmental science and pollution control series, 9. Water contamination and health: integration of exposure assessment, toxicology, and risk assessment. Xiv+524p. Marcel dekker, inc.: New york, new york, usa* Basel, switzerland. ISBN 0-8247-8922-9.; 0: 15-44.
Rejection Code: HUMAN HEALTH.

624. Lamb, D. C., Kelly, D. E., Hanley, S. Z., Mehmood, Z., and Kelly, S. L. (1998). Glyphosate Is an Inhibitor of Plant Cytochrome P450: Functional Expression of Thlaspi Arvensae Cytochrome P45071b1/Reductase Fusion Protein in Escherichia Coli. *Biochemical and biophysical research communications* 244: 110-114.
Rejection Code: IN VITRO.
625. Lambert, D. M. and Lowenberg-DeBoer, J. (2003). Economic Analysis of Row Spacing for Corn and Soybean. *Agronomy Journal* 95: 564-573.
Rejection Code: NO TOX DATA.
626. 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.
Rejection Code: REVIEW.
627. Landa, V. and Soldan, T. (1992). Methods to Assess Toxicity to Aquatic Systems in Functional Ecosystems. *Tardiff, r. G. (Ed.). Scope (scientific committee on problems of the environment), no. 49. Methods to assess adverse effects of pesticides on non-target organisms; workshop, ceske budejovice, czechoslovakia, october 3-7, 1988. Xxvii+270p. John wiley and sons ltd.: Chichester, england, uk; new york, new york, usa. Illus. ISBN 0-471-93156-x. 0: 191-206.*
Rejection Code: FATE.
628. Larm, J. A. , Beart, P. M. *., and Cheung, N. S. (1997). Neurotoxin Domoic Acid Produces Cytotoxicity Via Kainate- and Ampa-Sensitive Receptors in Cultured Cortical Neurones. *Neurochemistry International [NEUROCHEM. INT.J. Vol. 31, no. 5, pp. 677-682. Oct 1997.*
Rejection Code: IN VITRO.
629. Larsen, S. B., Giwercman, A., Spano, M., Bonde, J. P., and Group, A. S. (1998). A Longitudinal Study of Semen Quality in Pesticide Spraying Danish Farmers. *Reproductive toxicology* 12: 581-589.
Rejection Code: HUMAN HEALTH.
630. Larsen, S. B., Joffe, M., Bonde, J. P., and Group, A. S. (1998). Time to Pregnancy and Exposure to Pesticides in Danish Farmers. *Occupational and environmental medicine* 55: 278-283.
Rejection Code: HUMAN HEALTH.
631. Larson, B. M. H., Catling, P. M., and Waldron, G. E. (2007). The Biology of Canadian Weeds. 135. Lonicera Japonica Thunb. *Canadian Journal of Plant Science* 87: 423-438.
Rejection Code: REVIEW.
632. Las Alas JGde, Bentillo, I. G., International Cent. for Living Aquatic Resources Management, Manila (Philippines), Silvestre, G., Mattanan, H. J. H., Sharifuddin, P. H. Y., Silva MWRNde, and Chua, T. E. (eds) (Simulation of Oil Slick Movement in Brunei Darussalam.
Rejection Code: MODELING, FATE.
633. Lasater, B. M. and Berk, S. G. (1991). A Toxicity Assay for the Marine Environment Based on Int Reduction in Marine Ciliates. *91st general meeting of the american society for microbiology, dallas, texas, usa, may 5-9, 1991. Abstr gen meet am soc microbiol* 91: 321.
Rejection Code: ABSTRACT.
634. Lavy, T. L. (1992). Monitoring Simultaneous Exposure to Multiple Pesticide in the Field. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro60.
Rejection Code: HUMAN HEALTH.
635. Lavy, T. L. , Cowell, J. E., Steinmetz, J. R., and Massey, J. H. (1992). Conifer Seedling Nursery Worker Exposure to Glyphosate. *Arch environ contam toxicol* 22: 6-13.
Rejection Code: HUMAN HEALTH.

636. Lavy, T. L. , Mattice, J. D., and Massey, J. H. (1990). Evaluation of Worker Exposure to Multiple Pesticides. *199th acs (american chemical society) national meeting, boston, massachusetts, usa, april 22-27, 1990. Abstr pap am chem soc* 199: Agro 21.
Rejection Code: ABSTRACT.
637. Lavy, T. L. , Mattice, J. D., Massey, J. H., and Skulman, B. W. (1993). Measurements of Year-Long Exposure to Tree Nursery Workers Using Multiple Pesticides. *Arch environ contam toxicol* 24: 123-144.
Rejection Code: HUMAN HEALTH.
638. Lee, M. H. and Ryu, P. D. (1999). Sanitation and Tissue Residue Problems in High Quality Pork. *Asian-australasian journal of animal sciences* 12: 233-243.
Rejection Code: HUMAN HEALTH.
639. Lee, T. T. and Starratt, A. N. (1989). Phenolic Safeners for Glyphosate Herbicides Us Patent-4808208. February 28 1989. *Off gaz u s pat trademark off pat* 1099: 2078.
Rejection Code: NO TOX DATA.
640. Legere, A., Samson, N., Rioux, R., Angers, D. A., and Simard, R. R. (1997). Response of Spring Barley to Crop Rotation, Conservation Tillage, and Weed Management Intensity. *Agron.J.* 89: 628-638.
Rejection Code: MIXTURE.
641. Lehotay, S. J. (1997). Supercritical Fluid Extraction of Pesticides in Foods. *Journal of chromatography a* 785: 289-312.
Rejection Code: CHEM METHODS.
642. Leitch, J. A., Linz, G. M., and Baltezore, J. F. (1997). Economics of Cattail (*Typha* spp.) Control to Reduce Blackbird Damage to Sunflower. *Agric.Ecosyst.Environ.* 65: 141-149.
Rejection Code: NO TOX DATA.
643. Leonard, R. A. (1988). Herbicides in Surface Waters. *Grover, r. (Ed.). Environmental chemistry of herbicides, vol. I. Vii+207p. Crc press, inc.: Boca raton, florida, usa. Illus. ISBN 0-8493-4376-3.* 0: 45-88.
Rejection Code: FATE, MODELING.
644. Leonard, R. A. (1990). Movement of Pesticides Into Surface Waters. *Cheng, h. H. (Ed.). Ssssa (soil science society of america) book series, no. 2. Pesticides in the soil environment: processes, impacts, and modeling. Xxiii+530p. Soil science society of america, inc.: Madison, wisconsin, usa. Illus. ISBN 0-89118-791-x.* 0: 303-350.
Rejection Code: FATE, MODELING.
645. Lerch Stefanie, Kuepfer Adrian, Idle Jeffrey R, and Lauterburg Bernhard H (2006). Cerebral Formation In Situ of S-Carboxymethylcysteine After Ifosfamide Administration to Mice: a Further Clue to the Mechanism of Ifosfamide Encephalopathy. *Toxicology Letters* 161: 188-194.
Rejection Code: HUMAN HEALTH.
646. Leung, J. W. (1994). A Fluorometric Method to Determine Rainfastness, Volatilization and Photostability of Glyphosate From Glass Slides, After Application of Vision With Two Adjuvants. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 341-363.
Rejection Code: CHEM METHODS.
647. Levenko, B. , Stekhin, I., Mar'yushkin, V., Rubtsova, M., Melnik, A., Sayaz, A., Bileka, G., and Bogomolova, N. (1994). Obtaining Herbicide-Resistant Plants. *Ivth european cell biology congress, prague, czech republic, june 26-july 1, 1994. Cell biology international* 18: 541.
Rejection Code: ABSTRACT.

648. Leveridge, Y. R. (1998). Pesticide Poisoning in Costa Rica During 1996. *Veterinary and human toxicology* 40: 42-44.
Rejection Code: HUMAN HEALTH.
649. Levesque, C. A. and Rahe, J. E. (1989). Fungal Colonization of Glyphosate-Treated Plants. *Annual meeting of the canadian phytopathological society, montreal, quebec, canada, july 9-13, 1988. Can j plant pathol* 11: 193-194.
Rejection Code: ABSTRACT.
650. Levesque, C. A. and Rahe, J. E. (1992). Herbicide Interactions With Fungal Root Pathogens With Special Reference to Glyphosate. *Cook, r. J. (Ed.). Annual review of phytopathology, vol. 30. X+692p. Annual reviews inc.: Palo alto, california, usa. Illus. ISBN 0-8243-1330-5. 0: 579-602.*
Rejection Code: REVIEW.
651. Li, A. P. and Long, T. J. (1988). An Evaluation of the Genotoxic Potential of Glyphosate. *Fundam appl toxicol* 10: 537-546.
Rejection Code: BACTERIA.
652. Li Hui-Fang and Kendig, J. J. (2003). Ethanol Withdrawal Hyper-Responsiveness Mediated by Nmda Receptors in Spinal Cord Motor Neurons. *British Journal of Pharmacology* 139: 73-80.
Rejection Code: HUMAN HEALTH.
653. Li, Z. C., Yost, R. S., and Green, R. E. (1998). Incorporating Uncertainty in a Chemical Leaching Assessment. *Journal of contaminant hydrology* 29: 285-299.
Rejection Code: FATE, MODELING.
654. Libra, J. A., Ro, K. S., Chung, K. H., and Chung, Y. C. (1996). Pesticides and Herbicides. *Water environment research* 68: 564-568.
Rejection Code: FATE.
655. Lin Chi-Mo, Lai Cha-Po, Fang Te-Chao, and Lin Chin-Lon* (1999). Cardiogenic Shock in a Patient With Glyphosate-Surfactant Poisoning. *Journal of the Formosan Medical Association* 98: 698-700.
Rejection Code: HUMAN HEALTH.
656. Lin, N. and Garry, V. F. (1998). An in Vitro Pilot Study of Potential Developmental Toxicity of Herbicides and Fungicides Commonly Used in the Red River Valley of Minnesota. *29th annual meeting of the environmental mutagen society, anaheim, california, usa, march 21-26, 1998. Environmental and molecular mutagenesis* 31: 45.
Rejection Code: HUMAN HEALTH.
657. Line, D. E. , Osmond, D. L., Coffey, S. W., Arnold, J. A., Gale, J. A., Spooner, J., and Jennings, G. D. (1994). Fate and Effects of Pollutants Nonpoint Sources. *Water environment research* 66: 585-601.
Rejection Code: FATE.
658. Linz, G. M., Bergman, D. L., and Bleier, W. J. (1993). Cost-Effective Use of Rodeo Herbicide for Managing Cattail Marshes Used by Roosting Blackbirds. *Proc.15th Sunflower Resear.Workshop, Jan.14-15, 1993, Sponsored by the Natl.Sunflower Assoc.* 31-37.
Rejection Code: NO TOX DATA.
659. Lioi, M. B. , Scarfi, M. R., Santoro, A., Barbieri, R., Zeni, O., Di Berardino D, and Ursini, M. V. (1998). Genotoxicity and Oxidative Stress Induced by Pesticide Exposure in Bovine Lymphocyte Cultures in Vitro. *Mutation research* 403: 13-20.
Rejection Code: IN VITRO.
660. Lioi, M. B. , Scarfi, M. R., Santoro, A., Barbieri, R., Zeni, O., Salvemini, F., Di Berardino D, and Ursini, M. V. (1998). Cytogenetic Damage and Induction of Pro-Oxidant State in Human Lymphocytes Exposed in Vitro to Gliphosate, Vinclozolin, Atrazine, and Dpx-E9636. *Environmental*

- and molecular mutagenesis* 32: 39-46.
Rejection Code: HUMAN HEALTH.
661. List, G. R., Orthofer, F., Taylor, N., Nelsen, T., and Abidi, S. L. (1999). Characterization of Phospholipids From Glyphosate-Tolerant Soybeans. *Journal of the american oil chemists' society* 76: 57-60.
Rejection Code: IN VITRO.
662. Liu, C. M., Mclean, P. A., Sookdeo, C. C., and Cannon, F. C. (Degradation of the Herbicide Glyphosate by Members of the Family Rhizobiaceae.
Rejection Code: BACTERIA, FATE.
663. Liu, L., Punja, Z. K., and Rahe, J. E. (1995). Effect of Pythium Spp. And Glyphosate on Phytoalexin Production by Roots of Bean Seedlings Growing in Hydroponic Culture. *Annual meeting of the canadian phytopathological society, edmonton, alberta, canada, 1994. Canadian journal of plant pathology* 17: 358-359.
Rejection Code: ABSTRACT.
664. Liu, L., Punja, Z. K., and Rahe, J. E. (1996). Mechanisms of Predisposition by Glyphosate of Bean Roots Phaseolus Vulgaris to Colonization by Pythium Spp. *British columbia regional meeting of the canadian phytopathological society, cowichan lake, british columbia, canada, october 23-24, 1995. Canadian journal of plant pathology* 18: 104-105.
Rejection Code: ABSTRACT.
665. Liu, L., Punja, Z. K., and Rahe, J. E. (1992). Phytoalexin Production in Bean Roots Grown on Sterile Media and in Natural Soil. *Annual meeting of the american phytopathological society, portland, oregon, usa, august 8-12, 1992. Phytopathology* 82: 1085.
Rejection Code: ABSTRACT.
666. Liu, L., Rahe, J. E., and Punja, Z. K. (1991). Influence of Glyphosate on Mycelial Growth Sporangial Germination and Infection of Bean by Pythium-Ultimum. *Annual meeting of the canadian phytopathological society, banff, alberta, canada, june 1991. Can j plant pathol* 13: 279.
Rejection Code: ABSTRACT.
667. Llewellyn, R. S. and Allen, D. M. (2006). Expected Mobility of Herbicide Resistance Via Weed Seeds and Pollen in a Western Australian Cropping Region. *Crop Protection* 25: 520-526.
Rejection Code: FATE.
668. London, L. and Myers, J. (1995). Agrichemical Usage Patterns and Workplace Exposure in the Major Farming Sectors in the Southern Region of South Africa. *South african journal of science* 91: 515-522.
Rejection Code: HUMAN HEALTH.
669. London, L. and Myers, J. (1995). General Patterns of Agrichemical Usage in the Southern Region of South Africa. *South african journal of science* 91: 509-514.
Rejection Code: HUMAN HEALTH.
670. Lopez-Ferrari, A. R. and Espejo-Serna, A. (1994). Tigridia Estelae (Iridaceae; Tigridieae), a New Species From Durango, Mexico. *Novon* 4: 386-390.
Rejection Code: NO TOX DATA.
671. Lovdahl, M. J. and Pietrzyk, D. J. (1992). Liquid Chromatography and Postcolumn Indirect Detection of Glyphosate. *International ion chromatography symposium 1991, denver, colorado, usa, october 6-9, 1991. J chromatogr* 602: 197-204.
Rejection Code: CHEM METHODS.
672. Lowcock, L. A., Sharbel, T. F., Bonin, J., Ouellet, 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.
Rejection Code: MIXTURE.
673. Lowe, B. A., Way, M. M., Kumpf, J. M., Rout, J., Warner, D., Johnson, R., Armstrong, C. L., Spencer, M. T., and Chomet, P. S. (2006). Marker Assisted Breeding for Transformability in Maize. *Molecular Breeding* 18: 229-239.
Rejection Code: IN VITRO.
674. Lu, F. C. (1995). A Review of the Acceptable Daily Intakes of Pesticides Assessed by Who. *Regulatory Toxicology and Pharmacology* 21: 352-364.
Rejection Code: HUMAN HEALTH.
675. Lu, F. C. and Dourson, M. L. (1992). Safety/Risk Assessment of Pesticides: Principles, Procedures and Examples. *Toxicol.Lett.* 64/65: 783-787.
Rejection Code: NO DURATION/NO SPECIES .
676. Lu, F. C. and Dourson, M. L. (1992). Safety-Risk Assessment of Pesticides Principles Procedures and Examples. *Vith international congress of toxicology on toxicology from discovery and experimentation to the human perspective, rome, italy, june 28-july 3, 1992. Toxicol lett (amst)* 64-65: 783-787.
Rejection Code: HUMAN HEALTH.
677. Lu Wenxiao and Wolf, M. E. *. (1999). Repeated Amphetamine Administration Alters Ampa Receptor Subunit Expression in Rat Nucleus Accumbens and Medial Prefrontal Cortex. *Synapse* 32: 119-131 .
Rejection Code: HUMAN HEALTH.
678. Lund-Hoie, K. and Friestad, H. O. (1986). Photodegradation of the Herbicide Glyphosate in Water. *Bull environ contam toxicol* 36: 723-729.
Rejection Code: FATE.
679. Lundgren, L. N. (1986). A New Method for the Determination of Glyphosate and Aminomethylphosphonic-Acid Residues in Soils. *J agric food chem* 34: 535-538.
Rejection Code: FATE, METHODS.
680. Lutman, P. J. W. and Berry, K. (2003). Herbicide-Tolerant Crops - Good or Bad for Europe? *Outlook on Agriculture* 32: 91-95.
Rejection Code: NO TOX DATA.
681. Ma(dieresis)rla(dieresis)nder, B. (2005). Weed Control in Sugar Beet Using Genetically Modified Herbicide-Tolerant Varieties - a Review of the Economics for Cultivation in Europe. *Journal of Agronomy and Crop Science* 191: 64-74.
Rejection Code: REVIEW.
682. Mabbett, T. (1987). Sprays and Sprayers 1987. *Int pest control* 29: 134, 136.
Rejection Code: REVIEW.
683. MacCarthy, P., Klusman, R. W., Cowling, S. W., and Rice, J. A. (1991). Water Analysis. *Anal chem* 63: 301r-342r.
Rejection Code: FATE, CHEM METHODS.
684. Maddy, K. T., Edmiston, S., and Richmond, D. (1990). Illness Injuries and Deaths From Pesticide Exposures in California Usa 1949-1988. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 114. Ix+171p. Springer-verlag new york inc.: New york, new york, usa Berlin, west germany. Illus. Isbn 0-387-97207-2; isbn 3-540-97207-2.; 0: 57-124.*
Rejection Code: HUMAN HEALTH.

685. Mader, S. F. and North Carolina State University (1990). Recovery of Ecosystem Functions and Plant Community Structure by a Tupelo-Cypress Wetland Following Timber Harvesting.
Rejection Code: SURVEY.
686. Madhun, Y. A., Freed, V. H., and Young, J. L. (1986). Binding of Ionic and Neutral Herbicides by Soil Humic-Acid. *Soil sci soc am j* 50: 319-322.
Rejection Code: CHEM METHODS, FATE.
687. Madhun, Y. A., Young, J. L., and Freed, V. H. (1986). Binding of Herbicides by Water-Soluble Organic Materials From Soil. *J environ qual* 15: 64-68.
Rejection Code: FATE.
688. Madsen, K. H. and Streibig, J. C. (2000). Simulating Weed Management in Glyphosate-Tolerant Crops: Greenhouse and Field Studies. *Pest Management Science* 56: 340-344.
Rejection Code: MODELING.
689. Maibach, H. I. (1986). Irritation Sensitization Photoirritation and Photosensitization Assays With a Glyphosate Herbicide. *Contact dermatitis* 15: 152-156.
Rejection Code: HUMAN HEALTH.
690. Mal, T. K. and Narine, L. (2004). The Biology of Canadian Weeds. 129. *Phragmites Australis* (Cav.) Trin. Ex Steud. *Canadian Journal of Plant Science* 84: 365-396.
Rejection Code: REVIEW.
691. Malhi, S. S., Mumey, G., and Harker, K. N. (1994). Improving Economics of Nitrogen Fertilization for Barley Under Zero Tillage. *International symposium on soil testing and plant analysis: precision nutrient management, part i, olympia, washington, usa, august 14-19, 1993. Communications in soil science and plant analysis* 25: 676-677.
Rejection Code: ABSTRACT.
692. Malik, J., Barry, G., and Kishore, G. (1989). The Herbicide Glyphosate. *Biofactors* 2: 17-26.
Rejection Code: REVIEW.
693. Mallat, E. and Barcelo, D. (1998). Analysis and Degradation Study of Glyphosate and of Aminomethylphosphonic Acid in Natural Waters by Means of Polymeric and Ion-Exchange Solid-Phase Extraction Columns Followed by Ion Chromatography-Post-Column Derivatization With Fluorescence Detection. *Journal of chromatography a* 823: 129-136.
Rejection Code: FATE, METHODS.
694. Mameli Manuel, Zamudio Paula A, Carta Mario, and Valenzuela CFernando (2005). Developmentally Regulated Actions of Alcohol on Hippocampal Glutamatergic Transmission. *Journal of Neuroscience [J. Neurosci.J. Vol. 25, no. 35, pp. 8027-8036. Aug 2005.*
Rejection Code: HUMAN HEALTH.
695. Mamy, L. and Barriuso, E. (2007). Desorption and Time-Dependent Sorption of Herbicides in Soils. *European Journal of Soil Science* 58: 174-187.
Rejection Code: FATE.
696. Mamy, L. and Barriuso, E. (2005). Glyphosate Adsorption in Soils Compared to Herbicides Replaced With the Introduction of Glyphosate Resistant Crops. *Chemosphere* 61: 844-855.
Rejection Code: FATE.
697. Mamy, L., Barriuso, E., and Gabrielle, B. (2005). Environmental Fate of Herbicides Trifluralin, Metazachlor, Metamitron and Sulcotrione Compared With That of Glyphosate, a Substitute Broad Spectrum Herbicide for Different Glyphosate-Resistant Crops. *Pest Management Science* 61: 905-916.
Rejection Code: FATE.

698. Mann, R., Bidwell, J., Gorrie, J., and Alexander, E. (1996). Acute Toxicity of Herbicidal Chemicals to Selected Frog Species. *Aust.Soc.Herpetol.*, Sept.22-25, 1996, Wellington Mills, WA 19-20 (ABS).
Rejection Code: ABSTRACT.
699. Mann, R. M., Bidwell, J. R., and Tyler, M. J. (2003). Toxicity of Herbicide Formulations to Frogs and the Implications for Product Registration: A Case Study from Western Australia. *Appl.Herpetol.* 1: 13-22.
Rejection Code: REFS CHECKED/REVIEW.
700. Mansor, M. (1996). Noxious Floating Weeds of Malaysia. *Hydrobiologia* 340: 121-125.
Rejection Code: NO TOXICANT.
701. Marc, J., Mulner-Lorillon, O., and Belle, R. (2004). Glyphosate-Based Pesticides Affect Cell Cycle Regulation. *Biology of the Cell [Biol. Cell]. Vol. 96, no. 3, pp. 245-249. Apr 2004.*
Rejection Code: HUMAN HEALTH, IN VITRO.
702. Marechal, J., Delabraise, P., and Valette, J. C. (1983). Behavior of Cedar and Nordmann Fir to Glyphosate in the Mediterranean Region (Cedrus atlantica Manetti, Abies nordmanniana Spach). *Coluna 3: 267-270 (FRE).*
Rejection Code: NON-ENGLISH.
703. Marshall, B. E. (1990). Chemical Control of Water Hyacinth in Lake Chivero (Formerly Lake McIlwaine) and the Risk to the Public. *Zimb.Sci.News* 24: 96-99.
Rejection Code: REFS CHECKED/REVIEW.
704. Marshall, B. E. (1989). The Water Hyacinth Problem in Lake McIlwaine. *Zimb.Sci.News* 23: 91-94.
Rejection Code: NO TOX DATA.
705. Marshall, G. (1987). A Review of the Biology and Control of Selected Weed Species in the Genus Oxalis: Oxalis Stricta L., Oxalis Latifolia H.b.k. And Oxalis Pes Caprae L. *Crop prot* 6: 355-364.
Rejection Code: REVIEW.
706. Martensson, A. (1992). Assessing Anthropogenic Impact on Heterotrophic Nitrogen Fixing Soil Microorganisms. In: J.P.Anderson, et al.(Eds.), *Proc.Int.Symp.on Environmental Aspects of Pesticide Microbiology, Symp., Aug.17-21, 1992, Sigtuna, Sweden, Dep.Microbiol.Swed.Univ.of Agric.Sci., Uppsala, Sweden* 115-120 .
Rejection Code: PUBL AS.
707. Martensson, A. (1992). Assessing Anthropogenic Impact on Heterotrophic Nitrogen Fixing Soil Microorganisms. Anderson, j. P. E., Et al. (Ed.). *Proceedings of the international symposium on environmental aspects of pesticide microbiology. Symposium, sigtuna, sweden, august 17-21, 1992. 337p. Department of microbiology swedish university of agricultural sciences: uppsala, sweden. Illus. Paper. ISBN 91-576-4609-0. 0: 115-120.*
Rejection Code: BACTERIA.
708. Martensson, A. M. (1992). Effects of Agrochemicals and Heavy Metals on Fast-Growing Rhizobia and Their Symbiosis With Small-Seeded Legumes. *Soil biol biochem* 24: 435-445.
Rejection Code: IN VITRO, BACTERIA.
709. Martin, C. C. (1996). Weed Control in Tropical Ley Farming Systems: a Review. *Australian Journal of Experimental Agriculture*, 36 (8) pp. 1013-1023, 1996.
Rejection Code: REVIEW.
710. Martinez, T. T. and Brown, K. (1991). Oral and Pulmonary Toxicology of the Surfactant Used in Roundup Herbicide. *Proceedings of the Western Pharmacology Society [PROC. WEST. PHARMACOL. SOC.J. Vol. 34, pp. 43-46. 1991.*
Rejection Code: INHALE.

711. Martinez, T. T., Long, W. C., and Hiller, R. (1990). Comparison of the Toxicology of the Herbicide Roundup by Oral and Pulmonary Routes of Exposure. *Proceedings of the Western Pharmacology Society* 33: 193-197.
Rejection Code: REVIEW.
712. Marzabadi, M. R., Font, J. L., Gruys, K. J., Pansegrouw, P. D., and Sikorski, J. A. (1992). Design and Synthesis of a Novel Epsp Synthesis Inhibitor Based on Its Ternary Complex With Shikimate-3-Phosphate and Glyphosate. *Bioorg med chem lett* 2: 1435-1440.
Rejection Code: CHEM METHODS.
713. Mateen, A., Chapalamadugu, S., Kaskar, B., Bhatti, A. R., and Chaudhry, G. R. (1994). Microbial Metabolism of Carbamate and Organophosphate Pesticides. *Chaudhry, g. R. (Ed.). Biological degradation and bioremediation of toxic chemicals.* 515p. Dioscorides press: portland, oregon, usa. Isbn 0-931146-27-5. 0: 198-233.
Rejection Code: FATE.
714. Matsumoto, M. R., Jensen, J. N., Mcginley, P., and Reed, B. E. (1994). Treatment Systems Physicochemical Processes. *Water environment research* 66: 309-324.
Rejection Code: BACTERIA.
715. Matsumoto, R. R., Brackett, R. L., and Kanthasamy, A. G. (1997). Novel Nmda/Glycine Site Antagonists Attenuate Cocaine-Induced Behavioral Toxicity. *European Journal of Pharmacology [EUR. J. PHARMACOL.]*. Vol. 338, no. 3, pp. 233-242. Nov 1997.
Rejection Code: HUMAN HEALTH.
716. Matteucci, M. J. and Clark, R. F. (2005). Glyphosate Surfactant Herbicide-Induced Acute Renal Failure. *Clinical Toxicology* 43: 726.
Rejection Code: HUMAN HEALTH.
717. Matthews, G., Wiles, T., and Baleguel, P. (2003). A Survey of Pesticide Application in Cameroon. *Crop Protection* 22: 707-714.
Rejection Code: SURVEY, HUMAN HEALTH.
718. Mattson Brandi J, Bossert Jennifer M, Simmons Danielle E, Nozaki Naohito, Nagarkar Deepiti, Kreuter Justin D, and Hope Bruce T* (2005). Cocaine-Induced Creb Phosphorylation in Nucleus Accumbens of Cocaine-Sensitized Rats Is Enabled by Enhanced Activation of Extracellular Signal-Related Kinase, but Not Protein Kinase a. *Journal of Neurochemistry [J. Neurochem.]*. Vol. 95, no. 5, pp. 1481-1494. Dec 2005.
Rejection Code: HUMAN HEALTH.
719. Mayer, A. S., Mitchell, R. J., Carriere, P. Pe, Hein, G. L., Rabideau, A. J., and Wojick, C. L. (1995). Groundwater Quality. *Water environment research* 67: 629-685.
Rejection Code: FATE.
720. Mayer, F. L. Jr. and Ellersieck, M. R. (1988). Experiences with Single-Species Tests for Acute Toxic Effects on Freshwater Animals. *Ambio* 17: 367-375.
Rejection Code: REFS CHECKED/REVIEW.
721. Mazidji, C. N., Koopman, B., Bitton, G., and Neita, D. (1992). Distinction Between Heavy Metal and Organic Toxicity Using Edta Chelation and Microbial Assays. *Environ toxicol water qual* 7: 339-353.
Rejection Code: BACTERIA, EFFLUENT.
722. McAndrew, D. W., Fuller, L. G., and Wetter, L. G. (1994). Grain and Straw Yields of Barley Under Four Tillage Systems in Northeastern Alberta. *Can.J.Plant Sci.* 74: 713-722.
Rejection Code: MIXTURE.
723. McAuliffe, K. S., Hallas, L. E., and Kulpa, C. F. (1990). Glyphosate Degradation by Agrobacterium

724. Radiobacter Isolated From Activated Sludge. *J ind microbiol* 6: 219-222.
Rejection Code: BACTERIA.
724. McBride, M. and Kung, K. H. (1989). Complexation of Glyphosate and Related Ligands With Iron(III). *Soil sci soc am j* 53: 1668-1673.
Rejection Code: CHEM METHODS.
725. McConnell, J. S. and Hossner, L. R. (1985). Ph-Dependent Adsorption Isotherms of Glyphosate. *J agric food chem* 33: 1075-1078.
Rejection Code: FATE.
726. McConnell, J. S. and Hossner, L. R. (1989). X-Ray Diffraction and IR Spectroscopic Studies of Adsorbed Glyphosate. *J agric food chem* 37: 555-560.
Rejection Code: CHEM METHODS.
727. McEachern, G. R., Storey, J. B., and Joy, D. (1988). Ultra Low Volume Glyphosate Weed Control in Pecan Orchards Via All Terrain Vehicle. *48th annual meeting of the american society for horticultural science (southern region), new orleans, louisiana, usa, january 31-february 2, 1988. Hortscience* 23: 821.
Rejection Code: ABSTRACT.
728. McGilloway, D. and Culleton, N. (1990). Changes in Botanical Composition and Dry Matter Production Over Two Years From a Sward Direct Drilled With Lolium-Perenne Cultivar Frances. *16th annual meeting of the irish grassland and animal production association, ireland, march 30, 1990. Ir j agric res* 29: 88.
Rejection Code: ABSTRACT.
729. McIlroy, I. C. (1973). Book Review. Prediction and Measurement of Photosynthetic Productivity. Proceedings of the IBP/PP Technical Meeting, Trebon, 1969. : I. Setlik (Editor). Pudoc, Wageningen, 632 pp., Dfl. 75.00. *Agric Meteorol.* 11: 143-144.
Rejection Code: REVIEW.
730. Mckenry, M. V., Buzo, T., Kaku, S., and Ashcroft, R. (1997). Impact of Systemic Herbicides on Nematodes Within Woody Roots. *36th annual meeting of the society of nematologists, tucson, arizona, usa, july 19-23, 1997. Journal of nematology* 29: 593.
Rejection Code: ABSTRACT.
731. McLean, P. A., Liu, C. M., Cornell, C., and Cannon, F. (1989). Toward Herbicide Resistant Plants Cloning of the Genes for Glyphosate Degradation From a Soil Organism and Their Expression in Escherichia-Coli. *Symposium on plant gene transfer held at the 18th annual ucla (university of california-los angeles) symposia on molecular and cellular biology, park city, utah, usa, april 1-7, 1989. J cell biochem suppl* 0: 338.
Rejection Code: ABSTRACT.
732. Meischen, S. J. and Harper, S. S. (1992). Foliar Absorption of an Agrochemical Monitored by Horizontal Attenuated Total Reflectance Fourier Transformed Infrared. *203rd acs (american chemical society) national meeting, san francisco, california, usa, april 5-10, 1992. Abstr pap am chem soc* 203: Agro110.
Rejection Code: FATE.
733. Melles, C. do, De Alcantara, E. N., and Pompeu, R. M. (1983). Action of Glyphosate in Coffee Crops (Estudo da Acao de Glifosato em Cafeeiros). *Braz Cof R* 10: 161-163 (POR).
Rejection Code: NON-ENGLISH.
734. Menkes, D. B., Temple, W. A., and Edwards, I. R. (1991). Intentional Self-Poisoning With Glyphosate-Containing Herbicides. *Hum exp toxicol* 10: 103-108.
Rejection Code: HUMAN HEALTH.

735. Mervosh, T. L. and Balke, N. E. (1991). Effects of Calcium, Magnesium, and Phosphate on Glyphosate Absorption by Cultured Plant Cells. *Weed sci* 39: 347-353.
Rejection Code: IN VITRO.
736. Merwin, I., Biltonen, M., and Ray, J. A. (1995). Compost Mulch Canola Cover Crops and Herbicides Affect Soil Fertility Apple Tree Yield and Nutrition. *92nd annual meeting of the american society for horticultural science and the 40th annual congress of the canadian society for horticultural science, montreal, quebec, canada, july 30-august 3, 1995. Hortscience* 30: 893.
Rejection Code: ABSTRACT.
737. Merwin, I. A. and Blanpied, G. D. (1992). Alternative Orchard Groundcover Management Systems Affect Apple Quality and Maturity Indices. *89th annual meeting of the american society for horticultural science, honolulu, hawaii, usa, july 30-august 6, 1992. Hortscience* 27: 620 .
Rejection Code: ABSTRACT.
738. Merwin, I. A. and Stiles, W. C. (1991). Alternative Groundcover Management Systems Affect Orchard Soil Fertility and Apple Leaf Nutrient Content. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience* 26: 784.
Rejection Code: ABSTRACT.
739. Meucci, O., Fatatis, A., Holzwarth, J. A., and Miller, R. J. (1996). Developmental Regulation of the Toxin Sensitivity of Ca Super(2+)-Permeable Ampa Receptors in Cortical Glia. *Journal of Neuroscience [J. NEUROSCI.J. Vol. 16, no. 2, pp. 519-530. 1996.*
Rejection Code: IN VITRO.
740. Meucci, O. and Miller, R. J. *. (1998). Dissociation Between the Joro Spider Toxin Sensitivity of Recombinant Alpha -Amino-3-Hydroxy-5-Methyl-4-Isoxazolepropionic Acid Receptors and Their Ability to Increase Intracellular Calcium. *Neuropharmacology [Neuropharmacology]. Vol. 37, no. 10-11, pp. 1431-1443. Oct-Nov 1998.*
Rejection Code: IN VITRO.
741. Miano, T. M., Piccolo, A., Celano, G., and Senesi, N. (1992). Infrared and Fluorescence Spectroscopy of Glyphosate Humic Acid Complexes. *Fourth international workshop on chemical, biological and ecotoxicological behaviour of pesticides in the soil environment, rome, italy, may 29-31, 1991. Sci total environ* 123-124: 83-92.
Rejection Code: CHEM METHODS.
742. Michler, C. H. and Bauer, E. O. (1990). Biochemical Mechanism of Herbicide Tolerance of in-Vitro Selected Populus. *Forty-first annual meeting of the tissue culture association, houston, texas, usa, june 10-13, 1990. In vitro cell dev biol* 26: 47a.
Rejection Code: ABSTRACT.
743. Mikulas, J. (1977). The Translocation of Glyphosate Herbicide in the Rhizomes of Sorghum Halapense (L.) Pers (A Glyphosate Kesztmenyek Transzlokacioja a Sorghum Halepense (L.) Pers. Rizomaiban). *Novenyvedelem* 13: 488-493 (HUN).
Rejection Code: NON-ENGLISH.
744. Mikulka, J. and Zemanek, J. (1983). Effect of the 3,6-Dichloropicolinic Acid, MCPA and Glyphosate Herbicides on the Regeneration of Creeping Thistle (*Cirsium arvense*). *Sb.Uvtz.(Ustav.Vedeckotech Inf.Zemed.)Ochr.Rostl.* 19: 55-61 (CZE).
Rejection Code: NON-ENGLISH.
745. Miles, C. J. and Moye, H. A. (1988). Extraction of Glyphosate Herbicide From Soil and Clay Minerals and Determination of Residues in Soils. *J agric food chem* 36: 486-491.
Rejection Code: FATE.
746. Miles, C. J. and Moye, H. A. (1986). Sorption of Glyphosate Herbicide on Soil and Clay. *191st*

- american chemical society national meeting, new york, n.y., Usa, apr. 13-18, 1986. Abstr pap am chem soc* 191: No pagination.
- Rejection Code: FATE.
747. Miles, C. J., Wallace, L. R., and Moye, H. A. (1986). Determination of Glyphosate Herbicide and Aminomethylphosphonic-Acid in Natural Waters by Liquid Chromatography Using Pre-Column Fluorogenic Labeling With 9 Fluorenylmethylchloroformate. *J assoc off anal chem* 69: 458-461.
Rejection Code: FATE, CHEM METHODS.
748. Miller, J. J., Foroud, N., Hill, B. D., and Lindwall, C. W. (1992). Herbicides in Surface Runoff Soil and Ground-Water Under Different Agricultural Management Practices in Southern Alberta. *Joint canadian land reclamation association society of soil science conference on environmental soil science, edmonton, alberta, canada, august 8-13, 1992. Can j soil sci* 72: 329.
Rejection Code: FATE.
749. Miller, J. J., Hill, B. D., and Lindwall, C. W. (1995). Residue Detections in Soil and Shallow Groundwater After Long-Term Herbicide Applications in Southern Alberta. *Canadian journal of soil science* 75: 349-356.
Rejection Code: FATE.
750. Miller, M. J., Braccolino, D. S., Cleary, D. G., Ream, J. E., Walker, M. C., and Sikorski, J. A. (1994). Epsp Synthase Inhibitor Design Iv. New Aromatic Substrate Analogs and Symmetrical Inhibitors Containing Novel 3-Phosphate Mimics. *Bioorganic & medicinal chemistry letters* 4: 2605-2608.
Rejection Code: CHEM METHODS.
751. Miller, P. Ch and Ellis, M. Cb (1997). A Review of Spray Generation, Delivery to the Target and How Adjuvants Influence the Process. *Plant protection quarterly* 12: 33-38.
Rejection Code: METHODS.
752. Mineau, P., Boersma, D. C., and Collins, B. (1994). An Analysis of Avian Reproduction Studies Submitted for Pesticide Registration. *Ecotoxicology and environmental safety* 29: 304-329.
Rejection Code: REVIEW.
753. Mione, T. and Bye, R. (1996). Jaltomata Chihuahuensis (Solanaceae): a New Combination and Observations on Ecology and Ethnobotany. *Novon* 6: 78-81.
Rejection Code: NO TOX DATA.
754. Mitchell, A. H. (1995). Development of Roundup Glyphosate Tolerant Canola. *Annual meeting of the canadian pest management society, regina, saskatchewan, canada, 1994. Canadian journal of plant science* 75: 301-302.
Rejection Code: ABSTRACT.
755. Miyake, Y., Koji, K., Matsuki, H., Tajima, R., Ono, M., and Mine, T. (1999). Fate of Agrochemical Residues, Associated With Malt and Hops, During Brewing. *Journal of the american society of brewing chemists* 57: 46-54.
Rejection Code: CHEM METHODS.
756. Mmochi, A. J. and Mberek, R. S. (1998). Trends in the Types, Amounts, and Toxicity of Pesticides Used in Tanzania: Efforts to Control Pesticide Pollution in Zanzibar, Tanzania. *Ambio* 27: 669-676.
Rejection Code: FATE.
757. Moberg, W. K., Baker, D. R., and Fenyes, J. G. (1990). Trends in the Synthesis and Chemistry of Agrochemicals. *Baker, d. R., J. G. Fenyes and w. K. Moberg (ed.). Acs (american chemical society) symposium series, 443. Synthesis and chemistry of agrochemicals ii. Meeting. Xiii+609p. American chemical society: washington, d.c., Usa. Illus. ISBN 0-8412-1885-4 0: 1-14.*
Rejection Code: CHEM METHODS.

758. Moffat, A. J. and Williamson, D. R. (1991). Review of Fertiliser and Herbicide Use in Uk Tree Crop Systems. *J sci food agric* 57: 1-18.
Rejection Code: REVIEW.
759. Mogadati, P. S., Louis, J. B., and Rosen, J. D. (1996). Determination of Glyphosate and Its Metabolite, (Aminomethyl)Phosphonic Acid, in River Water. *Journal of aoac international* 79: 157-162.
Rejection Code: FATE, CHEM METHODS.
760. Mohammad, A. and Najar, M. (1997). Application of Planar Layer Liquid Chromatography in the Analysis of Water Samples for Heavy Metals and Pesticide Residues. *Indian journal of environmental health* 39: 120-129.
Rejection Code: CHEM METHODS.
761. Mohler, C. L. (1991). Effects of Tillage and Mulch on Weed Biomass and Sweet Corn Yield. *Weed Technol.* 5: 545-552.
Rejection Code: MIXTURE.
762. Monaco Edward AIII and Vallano Mary Lou (2005). Roscovitine Triggers Excitotoxicity in Cultured Granule Neurons by Enhancing Glutamate Release. *Molecular Pharmacology* 68: 1331-1342.
Rejection Code: IN VITRO.
763. Monjardino, M., Pannell, D. J., and Powles, S. B. (2005). The Economic Value of Glyphosate-Resistant Canola in the Management of Two Widespread Crop Weeds in a Western Australian Farming System. *Agricultural Systems* 84: 297-315.
Rejection Code: MODELING.
764. Monteiro, A. and Moreira, I. (1990). Chemical Control of Parrotfeather (*Myriophyllum aquaticum*). In: *Proc.Eur.Weed Res.Soc.(EWRS) 8th Symposium on Aquatic Weeds, Waginingen, Netherlands* 163-164 (ABS).
Rejection Code: ABSTRACT/NOT PURSUING.
765. Moon, J. M. , Min, Y. I., and Chun, B. J. (2006). Can Early Hemodialysis Affect the Outcome of the Ingestion of Glyphosate Herbicide? *Journal of Toxicology: Clinical Toxicology* 44: 329-332.
Rejection Code: HUMAN HEALTH.
766. Moore, D., Ridout, M. S., and Clements, R. O. (1988). Mortality of *Oscinella* spp. due to Parasitism in Insecticide Treated and Untreated Ryegrass Reseeds. *J.Appl.Entomol.* 105: 154-159.
Rejection Code: MIXTURE.
767. Moore, J. (1996). Doublegee Emex Australis in the Great Southern Areas of Western Australia. *Workshop on emex australis: biology, management and research, wembley, western australia, december 11, 1995. Plant protection quarterly* 11: 145.
Rejection Code: ABSTRACT.
768. Moorman, T. B. (1989). A Review of Pesticide Effects on Microorganisms and Microbial Processes Related to Soil Fertility. *J prod agric* 2: 14-23.
Rejection Code: REVIEW.
769. Moorman, T. B., Becceril, J. M., Lydon, J., Duke, S. O., and Matsumoto, H. (1990). Effects of the Herbicide Glyphosate on *Bradyrhizobium-Japonicum* Growth Inhibition and Production of Protocatechuate. *90th annual meeting of the american society for microbiology 1990, anaheim, california, usa, may 13-17, 1990. Abstr annu meet am soc microbiol* 90: 257.
Rejection Code: ABSTRACT.
770. Moorman, T. B. and Keller, K. E. (1996). Crop Resistance to Herbicides Effects on Soil and Water Quality. Duke, s. O. (Ed.). *Herbicide-resistant crops: agricultural, environmental, economic, regulatory, and technical aspects.* Xi+420p. Crc press, inc.: Boca raton, florida, usa. London,

- england, uk. ISBN 1-56670-045-0* 0: 283-302.
Rejection Code: FATE.
771. Moreland, D. E. (1999). Biochemical Mechanisms of Action of Herbicides and the Impact of Biotechnology on the Development of Herbicides. *Journal of pesticide science* 24: 299-307.
Rejection Code: CHEM METHODS.
772. Moreland, D. E. (1980). Mechanisms of Action of Herbicides. *Ann.Rev.Plant Physiol.* 31: 597-638.
Rejection Code: REVIEW.
773. Moreland, D. E. (1993). Research on Biochemistry of Herbicides an Historical Overview. *International workshop on chloroplast metabolism and its inhibition by herbicides, omiya, japan, august 26-28, 1992. Z natforsch sect c biosci* 48: 121-131.
Rejection Code: REVIEW.
774. Mori, H., Sato, T., Nagase, H., Takada, K., Nagasaka, M., and Yamazaki, F. (1998). Analytical Method for Screening and Quantification of Phosphated Amino Acid Herbicides in the Serum of Acutely Intoxicated Patients Using Hplc With a Diode-Array-Detector. *Japanese journal of toxicology and environmental health* 44: 245-255.
Rejection Code: HUMAN HEALTH.
775. Morillo, E. , Maqueda, C., Bejarano, M., Madrid, L., and Undabeytia, T. (1994). Cu(Ii)-Glyphosate System: a Study by Anodic Stripping Voltammetry and the Influence on Cu Adsorption by Montmorillonite. *Chemosphere* 28: 2185-2196.
Rejection Code: FATE, CHEM METHODS.
776. Morillo, E. , Undabeytia, T., and Maqueda, C. (1997). Adsorption of Glyphosate on the Clay Mineral Montmorillonite: Effect of Cu(Ii) in Solution and Adsorbed on the Mineral. *Environmental science & technology* 31: 3588-3592.
Rejection Code: FATE.
777. Morin, F., Vera, V., Nurit, F., Tissut, M., and Marigo, G. (1997). Glyphosate Uptake in Catharanthus Roseus Cells: Role of a Phosphate Transporter. *Pesticide biochemistry and physiology* 58: 13-22.
Rejection Code: IN VITRO.
778. Morley, H. V. (1992). Pesticides a General Introduction. *Tardiff, r. G. (Ed.). Scope (scientific committee on problems of the environment), no. 49. Methods to assess adverse effects of pesticides on non-target organisms Workshop, ceske budejovice, czechoslovakia, october 3-7, 1988. Xxvii+270p.* John wiley and sons ltd.: Chichester, england, uk; new york, new york, usa. Illus. ISBN 0-471-93156-x.; 0: 85-102.
Rejection Code: NO TOX DATA.
779. Morris, P. C. (1990). Biotechnology and Plant Protection. *Fao plant prot bull* 38: 25-38.
Rejection Code: IN VITRO.
780. Morrison, M. L. and Meslow, E. C. (1983). Impacts of Forest Herbicides on Wildlife: Toxicity and Habitat Alteration. *In: Sabol,K.(Ed), Transactions of the 48th North American Wildlife and Natural Resources Conference, March 19-24,1983, Kansas City, MO.* 175-185.
Rejection Code: REVIEW.
781. Moss, M. O. and Frank, M. (1987). Prevention Effects of Biocides and Other Agents on Mycotoxin Production. *Watson, d. H. (Ed.). Ellis horwood series in food science and technology: natural toxicants in food: progress and prospects. 254p.* Ellis horwood ltd.: Chichester, england, uk; vch verlagsgesellschaft mbh: weinheim, west germany (dist. In the usa and canada by vch publishers: new york, new york, usa). Illus. ISBN 0-89573-548-2; isbn 3-527-26439-6. 0: 231-252.
Rejection Code: HUMAN HEALTH.

782. Mousdale, D. M. and Coggins, J. R. (1986). Rapid Chromatographic Purification of Glyphosate-Sensitive 5 Enolpyruvylshikimate-3-Phosphate Synthase From Higher Plant Chloroplasts. *J chromatogr* 367: 217-222.
Rejection Code: IN VITRO.
783. Mowbray, D. L. (1986). Pesticide Poisoning in Papua New-Guinea and the South Pacific. *Papua new guinea med j* 29: 131-142.
Rejection Code: HUMAN HEALTH.
784. Mueller, D. S., Nelson, R. L., Hartman, G. L., and Pedersen, W. L. (2003). Response of Commercially Developed Soybean Cultivars and the Ancestral Soybean Lines to *Fusarium solani* f. sp. *Glycines*. *Plant Dis.* 87: 827-831.
Rejection Code: NO TOX DATA.
785. Mugnier, J. (1988). Behavior of Herbicides in Dicotyledonous Roots Transformed by Agrobacterium-Rhizogenes II. Transport to Regenerated Shoots. *J exp bot* 39: 1057-1064.
Rejection Code: FATE, BACTERIA.
786. Munirathinam, S., Rogers, G., and Bahr, B. A. (2002). Positive Modulation of Alpha -Amino-3-Hydroxy-5-Methyl-4-Isoxazolepropionic Acid-Type Glutamate Receptors Elicits Neuroprotection After Trimethyltin Exposure in Hippocampus. *Toxicol.Appl.Pharmacol.* 185: 111-118.
Rejection Code: IN VITRO.
787. Murata, M., Ryu, J. H., Caretto, S., Rao, D., Song, H. S., and Widholm, J. M. (1998). Stability and Culture Medium Limitations of Gene Amplification in Glyphosate Resistant Carrot Cell Lines. *Journal of Plant Physiology* 152: 112-117.
Rejection Code: IN VITRO.
788. Murphy, K. J., Barrett, P. R. F., Greaves, M. P., Murphy, K. J., Pieterse, A. H., Wade, P. M., and Wallsten, M. (eds) (1990). Aquatic Weeds in Scotland.
Rejection Code: SURVEY.
789. Murthy, D. Vs, Irvine, R. L., and Hallas, L. E. (1989). Principles of Organism Selection for the Degradation of Glyphosate in a Sequencing Batch Reactor. *Bell, j. M. (Ed.). Proceedings of the industrial waste conference purdue university, 43 West lafayette, indiana, usa, may 10-12, 1988. Xi+863p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. Maps. ISBN 0-87371-205-6 0: 267-274.*
Rejection Code: FATE.
790. Mwaja, V. and Masiunas, J. B. (1991). Using Postemergent Herbicides to Manage Allelopathic Cover Crops for Weed Control in Vegetable Crops. *88th annual meeting of the american society for horticultural science, university park, pennsylvania, usa, july 19-24, 1991. Hortscience* 26: 693.
Rejection Code: ABSTRACT.
791. Mwaja, V. N. and Masiunas, J. B. (1994). Winter Cover Crops for Weed Control in Sustainable Vegetable Production. *91st annual meeting of the american society for horticultural science, corvallis, oregon, usa, august 7-10, 1994. Hortscience; 29 (5). 1994. 428. 29: 428.*
Rejection Code: ABSTRACT.
792. Nail, E. L. , Young, D. L., and Schillinger, W. F. (2007). Diesel and Glyphosate Price Changes Benefit the Economics of Conservation Tillage Versus Traditional Tillage. *Soil and Tillage Research* 94: 321-327.
Rejection Code: NO TOX DATA.
793. Nair, S., Werkman, T., Craig, J., Finnell, R., Joeels, M., and Eberwine, J. (1998). Corticosteroid Regulation of Ion Channel Conductances and Mrna Levels in Individual Hippocampal Ca1 Neurons. *Journal of Neuroscience* 18: 2685-2696.
Rejection Code: IN VITRO.

794. Nandula, V. K., Reddy, K. N., Duke, S. O., and Poston, D. H. (2005). Glyphosate-Resistant Weeds: Current Status and Future Outlook. *Outlooks on Pest Management* 16: 183-187.
Rejection Code: REVIEW.
795. Naton, V. E. (1989). Testing of Side Effects of Pesticides on Aleochara bilineata Gyll. (Col., Staphylinidae). *Anz.Schaedlingskd Pflanzenschutz Umweltschutz* 62: 1-6 (GER) (ENG ABS).
Rejection Code: NON-ENGLISH.
796. Neary, D. G. (1985). Fate of Pesticide in Florida's USA Forests an Overview of Potential Impacts on Water Quality. *44th annual meeting of the soil and crop science society of florida, jacksonville beach, fla., Usa, oct. 23-25, 1984. Soil crop sci soc fla proc 44:* 18-24.
Rejection Code: FATE.
797. Neary, D. G. and Michael, J. L. (1996). Herbicides. Protecting Long-Term Sustainability and Water Quality in Forest Ecosystems. *New zealand journal of forestry science* 26: 241-264.
Rejection Code: FATE.
798. Nellessen, J. E. and Fletcher, J. S. (1993). Assessment of Published Literature Pertaining to the Uptake/Accumulation, Translocation, Adhesion and Biotransformation of Organic Chemicals by Vascular Plants. *Environmental toxicology and chemistry* 12: 2045-2052.
Rejection Code: FATE.
799. Nelson, K. A. and Renner, K. A. (1999). Cost Effective Weed Management in Wide- and Narrow-Row Glyphosate Resistant Soybean. *J.Prod.Agric.* 12: 361-362.
Rejection Code: PUBL AS.
800. Nelson, K. A. and Renner, K. A. (1999). Cost Effective Weed Management in Wide- and Narrow-Row Glyphosate Resistant Soybean. *J.Prod.Agric.* 12: 361-362.
Rejection Code: PUBL AS.
801. Nesom, G. L. (1998). A Second Species of Oritrophium (Asteraceae: Astereae) From Mexico. *SIDA, Contributions to Botany* 18: 523-526.
Rejection Code: NO TOX DATA.
802. Nesom, G. L. and Noyes, R. D. (1999). Notes on Sectional Delimitations in Erigeron (Asteraceae: Astereae). *SIDA, Contributions to Botany* 18: 1161-1165.
Rejection Code: NO TOX DATA.
803. Ng, C. H., Wickneswari, R., Salmijah, S., Teng, Y. T., and Ismail, B. S. (2003). Gene Polymorphisms in Glyphosate-Resistant and -Susceptible Biotypes of Eleusine Indica From Malaysia. *Weed Research* 43: 108-115.
Rejection Code: SURVEY.
804. Ngo Bum, E. , Meier, C. L., Urwyler, S., Wang, Y., and Herrling, P. L. (1996). Extracts From Rhizomes of Cyperus Articulatus (Cyperaceae) Displace [Superior 3h]Cgp39653 and [Superior 3h]Glycine Binding From Cortical Membranes and Selectively Inhibit Nmda Receptor-Mediated Neurotransmission. *Journal of Ethnopharmacology*, 54 (2-3) pp. 103-111, 1996.
Rejection Code: BIOLOGICAL TOXICANT.
805. Ngo Bum, E. , Rakotonirina, A., Rakotonirina, S. V., and Herrling, P. (2003). Effects of Cyperus Articulatus Compared to Effects of Anticonvulsant Compounds on the Cortical Wedge. *Journal of Ethnopharmacology* 87: 27-34.
Rejection Code: BIOLOGICAL TOXICANT, HUMAN HEALTH.
806. Ngugi, G. and Mbaria, G. (1995). Sustainability in Agricultural Development: Evaluation of Environmental Impacts of Large-Scale Coffee Enterprises in Kiambaa Division, Central Kenya. *International journal of environmental health research* 5: 7-17.

- Rejection Code: HUMAN HEALTH.
807. Nicholls, P. H. and Evans, A. A. (1991). Sorption of Ionisable Organic Compounds by Field Soils: Part 2. Cations, Bases and Zwitterions. *Pestic sci* 33: 331-346.
Rejection Code: FATE.
808. Nicholson, P. S. and Hirsch, P. R. (1998). The Effects of Pesticides on the Diversity of Culturable Soil Bacteria. *Journal of applied microbiology* 84: 551-558.
Rejection Code: BACTERIA.
809. Nilsson, G. (1984). Studies on the Mode of Action of Glyphosate Especially Effects on Amino-Acid Contents and Interaction With Metal Ions. *Nilsson, g. Studies on the mode of action of glyphosate, especially effects on amino acid contents and interaction with metal ions. Iii+76p. Department of plant physiology swedish university of agricultural sciences: uppsala, sweden. Illus. Paper. ISBN 91-576-2068-7. 0: Iii+76p.*
Rejection Code: REVIEW.
810. Norcini, J. G., Garber, M. P., Hudson, W. G., Jones, R. K., Chase, A. R., and Bondari, K. (1996). Pest Management in the United States Greenhouse and Nursery Industry: Iv. Weed Control. *HortTechnology* 6: 211-216.
Rejection Code: SURVEY.
811. 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.
Rejection Code: REVIEW.
812. Norton, A. J. (1983). The Control of Weed Beet by the Selective Application of the Isopropylamine Salt of Glyphosate. *Aspects Appl.Biol.* 2: 129-130.
Rejection Code: NO TOX DATA.
813. Norton, A. J. (1983). The Control of Weed Beet by the Selective Application of the Isopropylamine Salt of Glyphosate. *Aspects Appl.Biol.* 2: 129-130.
Rejection Code: NO TOX DATA.
814. Nun(tilde)ez-Palenius, H. G., Cantliffe, D. J., Huber, D. J., Ciardi, J., and Klee, H. J. (2006). Transformation of a Muskmelon 'galia' Hybrid Parental Line (*Cucumis Melo L. Var. Reticulatus Ser.*) With an Antisense Acc Oxidase Gene. *Plant Cell Reports* 25: 198-205.
Rejection Code: IN VITRO.
815. Nurit, F., Gomez, D. E. Melo E, Ravanel, P., and Tissut, M. (1990). The Use of Cultured Acer Cells as a Screening Tool for Mitotic Inhibitors: I. Reference Herbicides. *Plant growth regul* 9: 47-58.
Rejection Code: IN VITRO.
816. O'malley, M. (1997). Clinical Evaluation of Pesticide Exposure and Poisonings. *Lancet (north american edition)* 349: 1161-1166.
Rejection Code: HUMAN HEALTH.
817. O'malley, M. A. (1997). Skin Reactions to Pesticides. *Occupational medicine (philadelphia)* 12: 327-345.
Rejection Code: HUMAN HEALTH.
818. Obama, K. (1996). Studies on Allergic Skin Disease Caused by Pesticides in Citrus Growers: Field Survey Study and Animal Experiments. *Medical journal of kagoshima university* 48: 13-22.
Rejection Code: HUMAN HEALTH.
819. Obenshain, K. R., Metcalf, M. C., Abdelghani, A. A., Regnes, J. L., Hodges, D. G., and Swalm, C. M.

- (1997). Spatial Analysis of Herbicide Decay Rates in Louisiana. *Environmental monitoring and assessment* 48: 307-316.
Rejection Code: FATE.
820. Oberly, A., Masiunas, J., and Kushad, M. (1996). The Effect of an Alternative Cropping System on Tomato Fruit Quality. *93rd annual conference of the american society for horticultural science, lexington, kentucky, usa, october 6-10, 1996. Hortscience* 31: 668.
Rejection Code: ABSTRACT.
821. Odell, J. T., Caimi, P. G., Yadav, N. S., and Mauvais, C. J. (1990). Comparison of Increased Expression of Wild-Type and Herbicide-Resistant Acetylactate Synthase Genes in Transgenic Plants, and Indication of Posttranscriptional Limitation on Enzyme Activity. *Plant physiol (bethesda)* 94: 1647-1654.
Rejection Code: IN VITRO.
822. Ogner, G. (1987). Glyphosate Application in Forest Ecological Aspects II. The Quality of Water Leached From Forest Soil Lysimeters. *Scand j for res* 2: 469-480.
Rejection Code: FATE.
823. Ogner, G. (1987). Glyphosate Application in Forest Ecological Aspects IV. The Water Quality of Forest Brooks After Routine Application. *Scand j for res* 2: 499-508.
Rejection Code: FATE.
824. Ogner, G. (1987). Glyphosate Application in Forest-Ecological Aspects V. The Water Quality of Forest Brooks After Manual Clearing or Extreme Glyphosate Application. *Scand j for res* 2: 509-516.
Rejection Code: FATE.
825. Oleskevich, C., Shamoun, S. F., and Punja, Z. K. (1995). Evaluation of Potential Biocontrol Agents for Rubus Spp. In Reforestation Areas. *Annual meeting of the canadian phytopathological society, edmonton, alberta, canada, 1994. Canadian journal of plant pathology* 17: 361.
Rejection Code: ABSTRACT.
826. Oleskevich, C., Shamoun, S. F., Vesonder, R. F., and Punja, Z. K. (1998). Evaluation of Fusarium Avenaceum and Other Fungi for Potential as Biological Control Agents of Invasive Rubus Species in British Columbia. *Canadian Journal of Plant Pathology*, 20 (1) pp. 12-18, 1998.
Rejection Code: BIOLOGICAL TOXICANT.
827. Oliveira, J. A., Aviles, P., Pinheiro, M. R., Matiello, J. B., and Carvalho, F. (1983). Effects of Amounts of the Herbicides Sulphosate and Glyphosate Applied in Low and High Volumes in the Control of Imperata Brasiliensis in Coffee Plantations (Efeito de Doses dos Herbicidas Sulphosate e Glyphosate Aplicados a Baixo e alto Volume no Controle de sape (Imperata Brasiliensis) em Cafezal). *Braz Cof R* 10: 351-352 (POR).
Rejection Code: NON-ENGLISH.
828. Oliveira, M. T. and Merwin, I. A. (2001). Soil Physical Conditions in a New York Orchard After Eight Years Under Different Groundcover Management Systems. *Plant and Soil* 234: 233-237.
Rejection Code: FATE.
829. Olorunsogo, O. O. (1990). Modification of the Transport of Protons and Ca Super(2+) Ions Across Mitochondrial Coupling Membrane by N-(Phosphonomethyl) Glycine. *Toxicology. Vol. 61, no. 2, pp. 205-209. 1990.*
Rejection Code: IN VITRO.
830. Olorunsogo, O. O. (1990). Modification of the Transport of Protons and Calcium Ions Across Mitochondrial Coupling Membrane by N-(Phosphonomethyl)Glycine. *Toxicology* 61: 205-210.
Rejection Code: IN VITRO.

831. Olson, B. M. and Lindwall, C. W. (1991). Soil Microbial Activity Under Chemical Fallow Conditions: Effects of 2,4-D and Glyphosate. *Soil Biol.Biochem.* 23: 1071-1075.
Rejection Code: NO SPECIES.
832. Oomen, P. A., Jobsen, J. A., Romeijn, G., and Wiegers, G. L. (1994). Side-Effects of 107 Pesticides on the Whitefly Parasitoid Encarsia formosa, Studies and Evaluated According to EPPO Guideline No. 142. *Bull.OEPP* 24: 89-107.
Rejection Code: NO DURATION.
833. Oser, J., Garvert, U., and Kister, G. (1996). Scala and Vision Two New Fungicides for the Control of Scab in Apples. *Laux, w. (Ed.). Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 321; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 321); 50th german meeting on plant protection, muenster, germany, september 23-26, 1996. Lx+662p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. ISBN 3-8263-3126-5.; 0 (321). 1996. 502. 0: 502.*
Rejection Code: ABSTRACT.
834. Oskam, A. J., Van Zeijts H, Thijssen, G. J., Wossink, G. Aa, and Vijftigschild, R. (1992). Wageningse Economische Studies Vol. 26. Pesticide Use and Pesticide Policy in the Netherlands an Economic Analysis of Regulatory Levies in Agriculture. *Oskam, a. J., H. Van zeijts, g. J. Thijssen, g. A. A. Wossink and r. Vijftigschild. Wageningse economische studies, vol. 26. Pesticide use and pesticide policy in the netherlands: an economic analysis of regulatory levies in agriculture. Xi+155p. Department of agricultural economics and the department of farm management of wageningen agricultural university: wageningen, netherlands. Illus. Paper. ISBN 90-6754-232-6. 0: Xi+155p.*
Rejection Code: NO TOX DATA.
835. Osselton, M. D. and Snelling, R. D. (1986). Chromatographic Identification of Pesticides. *J chromatogr* 368: 265-272.
Rejection Code: CHEM METHODS.
836. Ossipov, V. , Salminen, J. P., Ossipova, S., Haukioja, E., and Pihlaja, K. (2003). Gallic Acid and Hydrolysable Tannins Are Formed in Birch Leaves From an Intermediate Compound of the Shikimate Pathway. *Biochemical Systematics and Ecology* 31: 3-16.
Rejection Code: IN VITRO.
837. Ossowska, K. (1995). The Subsensitivity of Striatal Glutamate Receptors Induced by Chronic Haloperidol in Rats. *European Journal of Pharmacology. Vol. 294, no. 2-3, pp. 685-691. Dec 1995.*
Rejection Code: HUMAN HEALTH.
838. Osten, V. A., Walker, S. R., Storrie, A., Widderick, M., Moylan, P., Robinson, G. R., and Galea, K. (2007). Survey of Weed Flora and Management Relative to Cropping Practices in the North-Eastern Grain Region of Australia. *Australian Journal of Experimental Agriculture* 47: 57-70.
Rejection Code: SURVEY.
839. Otfinowski, R., Kenkel, N. C., and Catling, P. M. (2007). The Biology of Canadian Weeds. 134. Bromus Inermis Leyss. *Canadian Journal of Plant Science* 87: 183-198.
Rejection Code: REVIEW.
840. Otvos, M. and Sarkany, L. (1976). Study of the Basipetal Translocation and Speed of Transport of Glyphosate Herbicide in Sorghum Halapense (L.) Pers. Plants (A glyphosate Bazipetalis Iranyu Transzport Sebessegenek Vizgalata Sorghum Halepense (L.) Pers. Novenyeken). *Novenyedelem* 12: 443-446.
Rejection Code: NON-ENGLISH.
841. Oudejans, J. Hm (1999). Wageningen Agricultural University Papers, 99. 1. Studies on Ipm Policy in Se Asia: Two Centuries of Plant Protection in Indonesia, Malaysia and Thailand. *Oudejans, j. H. M. Wageningen agricultural university papers, 99. 1. Studies on ipm policy in se asia: two centuries of*

plant protection in indonesia, malaysia and thailand. Xviii+316p.+++Wageningen agricultural university: wageningen, netherlands. ISBN 90-5782-020-x. 99: XVIII+316p.

Rejection Code: NO TOX DATA.

842. Owen, M. D. K. (2000). Current Use of Transgenic Herbicide-Resistant Soybean and Corn in the Usa. *Crop Protection* 19: 765-771.
Rejection Code: NO TOX DATA.
843. Owen, M. J., Walsh, M. J., Llewellyn, R. S., and Powles, S. B. (2007). Widespread Occurrence of Multiple Herbicide Resistance in Western Australian Annual Ryegrass (*Lolium Rigidum*) Populations. *Australian Journal of Agricultural Research* 58: 711-718.
Rejection Code: SURVEY.
844. Padgett, S., Delannay, X., Deaton, R., Metz, S., Fraley, R., and Kishore, G. (1990). Epsps Expression Profiles and Their Relationship to Roundup Tolerant Crops Au - Re D. *Annual meeting of the american society of plant physiologists, indianapolis, indiana, usa, july 29-august 2, 1990. Plant physiol (bethesda)* 93: 60.
Rejection Code: ABSTRACT.
845. Padgett, S., Kishore, G., Shah, D., Della-Cioppa, G., Gasser, C., Horsch, R. B., Klee, H., Rogers, S., Re, D. and others (1988). Genetic Systems for Engineering Plants for Resistance of Glyphosate. *196th american chemical society national meeting, los angeles, california, usa, september 25-30, 1988. Abstr pap am chem soc* 196: Agro-149.
Rejection Code: ABSTRACT.
846. Padgett, S. R., Taylor, N. B., Nida, D. L., Bailey, M. R., Macdonald, J., Holden, L. R., and Fuchs, R. L. (1996). The Composition of Glyphosate-Tolerant Soybean Seeds Is Equivalent to That of Conventional Soybeans. *Journal of nutrition* 126: 702-716.
Rejection Code: NO TOX DATA.
847. Pansegrau, P. D., Anderson, K. S., Widlanski, T., Ream, J. E., Sammons, R. D., Sikorski, J. A., and Knowles, J. R. (1991). Synthesis and Evaluation of Two New Inhibitors of Epsp Synthase. *Tetrahedron lett* 32: 2589-2592.
Rejection Code: CHEM METHODS.
848. Papanikou, E., Brotherton, J. E., and Widholm, J. M. (2004). Length of Time in Tissue Culture Can Affect the Selected Glyphosate Resistance Mechanism. *Planta* 218: 589-598.
Rejection Code: IN VITRO.
849. Parisi, L., Guillaumes, J., and Olivier, J. M. (1990). Variability in the Curative Effects of Sterol Demethylation Inhibitors Towards *Venturia inaequalis* [Variabilite de L'Efficacite Curative D'Inhibiteurs de la Biosynthese des Sterols Vis-a-Vis de *Venturia inaequalis*]. *Agronomie (Paris)* 10: 573-579 (FRE) (ENG ABS).
Rejection Code: NON-ENGLISH.
850. Parrish, R. S. and Carsel, R. F. (1987). Estimating Sample Requirements for Field Evaluations of Pesticide Leaching Au - Smith Cn. *Environ toxicol chem* 6: 343-358.
Rejection Code: FATE, MODELING.
851. Parrot, F., Bedry, R., and Favarel-Garrigues, J. C. (1995). Glyphosate Herbicide Poisoning: Use of a Routine Amino Acid Analyzer Appears to Be a Rapid Method for Determining Glyphosate and Its Metabolite in Biological Fluids. *Journal of toxicology clinical toxicology* 33: 695-698.
Rejection Code: HUMAN HEALTH.
852. Parrotta, M. J. (1991). Radioactivity in Water Treatment Wastes: a Usepa Perspective. *Am water works assoc j* 83: 134-140.
Rejection Code: FATE.

853. Pastore, P., Lavagnini, I., Boaretto, A., and Magno, F. (1990). Ion Chromatographic Determination of N-Nitrosoglyphosate in a Glyphosate Matrix. *Anal chim acta* 230: 29-34.
Rejection Code: CHEM METHODS.
854. Paterson, S., Mackay, D., Tam, D., and Shiu, W. Y. (1990). Uptake of Organic Chemicals by Plants a Review of Processes Correlations and Models. *Chemosphere* 21: 297-332.
Rejection Code: FATE.
855. Pauli, B. D., Perrault, J. A., and Money, S. L. (2000). RATL: A Database of Reptile and Amphibian Toxicology Literature. *Tech.Rep.Ser.No.357, National Wildlife Res.Centre* 494 p.
Rejection Code: REVIEW.
856. Payne, N., Feng, J., Reynolds, P., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). Off-Target Deposit Measurements and Buffer Zones Required Around Water for Various Aerial Applications of Glyphosate.
Rejection Code: FATE.
857. Payne, N. J., Feng, J. C., and Reynolds, P. E. (1990). Off-Target Deposits and Buffer Zones Required Around Water for Aerial Glyphosate Applications. *Pestic Sci.* 30: 183-198.
Rejection Code: FATE.
858. Peixoto, Francisco (2005). Comparative effects of the Roundup and glyphosate on mitochondrial oxidative phosphorylation. *Chemosphere* 61: 1115-1122.
Rejection Code: IN VITRO.
859. Pell, M., Stenberg, B., and Torstensson, L. (1998). Potential Denitrification and Nitrification Tests for Evaluation of Pesticide Effects in Soil. *Ambio* 27: 24-28.
Rejection Code: FATE.
860. Peluso, M., Merlo, F., Munnia, A., Bolognesi, C., Puntoni, R., and Parodi, S. (1996). 32p-Postlabeling Detection of Dna Adducts in Peripheral White Blood Cells of Greenhouse Floriculturists From Western Liguria, Italy. *Cancer epidemiology biomarkers & prevention* 5: 361-369.
Rejection Code: HUMAN HEALTH.
861. Penaloza-Vazquez, A., Mena, G. L., Herrera-Estrella, L., and Bailey, A. M. (1995). Cloning and Sequencing of the Genes Involved in Glyphosate Utilization by *Pseudomonas Pseudomallei*. *Applied and environmental microbiology* 61: 538-543.
Rejection Code: BACTERIA.
862. Penaloza-Vazquez, A., Oropeza, A., Mena, G. L., and Bailey, A. M. (1995). Expression of the Hygromycin B Phosphotransferase Gene Confers Tolerance to the Herbicide Glyphosate. *Plant Cell Reports* 14: 482-487.
Rejection Code: IN VITRO.
863. 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.
Rejection Code: REVIEW.
864. Pennsylvania Academy of Science Usa (1999). 75th Annual Meeting of the Pennsylvania Academy of Science (Pocono Manor, Pennsylvania, Usa; April 9-11, 1999). *Journal of the pennsylvania academy of science* 72: 148-188.
Rejection Code: ABSTRACT.
865. Perouansky, M., Kirson, E. D., and Yaari, Y. (1998). Mechanism of Action of Volatile Anesthetics: Effects of Halothane on Glutamate Receptors in Vitro. *Toxicology Letters* 100-101: 65-69.
Rejection Code: HUMAN HEALTH, IN VITRO.

866. Perry, M. J. and Christiani, D. C. (1999). Herbicide and Insecticide Exposures Among Dairy Farm Pesticide Applicators. *American journal of public health* 89: 1118-1119.
Rejection Code: HUMAN HEALTH.
867. Pesticide Science Society of Japan (2000). Summary of Toxicity Studies on Glyphosate. *Nihon Noyaku Gakkai (J.Pestic.Sci.)* 25: 343-349 (JPN).
Rejection Code: NON-ENGLISH.
868. Pesticide Science Society of Japan (2000). Summary of Toxicity Studies on Glyphosate. *Nihon Noyaku Gakkai (J.Pestic.Sci.)* 25: 343-349 (JPN).
Rejection Code: NON-ENGLISH.
869. Peterson, D. J. and Prasad, R. (1998). The Biology of Canadian Weeds. 109. *Cystisus Scoparius* (L.) Link. *Canadian journal of plant science* 78: 497-504.
Rejection Code: REVIEW.
870. Peterson, P. M., Soreng, R. J., and Arrieta, Y. H. (2006). *Poa Matri-Occidentalis* (Poaceae: Pooideae: Poeae: Poinae), a New Species From Mexico. *SIDA, Contributions to Botany* 22: 904-914.
Rejection Code: SURVEY.
871. Peterson, P. M., Soreng, R. J., and Valde(acute)s-Reyna, J. (2004). *Calamagrostis Coahuilensis* and *C. Divaricata* (Poaceae: Pooideae: Agrostidinae), Two New Species From Me(Acute)Xico. *SIDA, Contributions to Botany* 21: 311-320.
Rejection Code: SURVEY.
872. 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. *Journal of molecular endocrinology* 19: 321-335.
Rejection Code: IN VITRO.
873. Petit, V., Cabridenc, R., Swannell, R. P. J., Sokhi, R. S., Sokhi, R. S., Ellis, J. B., Burton, J. D., and Leeks, G. J. L. (eds) (1995). Review of Strategies for Modelling the Environmental Fate of Pesticides Discharged Into Riverine Systems.
Rejection Code: FATE.
874. Pfender, W. F., Sharma, U., Bhatt, P., Nus, A., and Ade, E. (1989). Field Tests for Efficacy of Herbicides to Suppress Ascocarp Production by Pyrenophora-Tritici-Repentis on Wheat Straw. *Annual meeting of the american phytopathological society, richmond, virginia, usa, august 20-24, 1989. Phytopathology* 79: 1222.
Rejection Code: ABSTRACT.
875. Piccolo, A. and Celano, G. (1994). Hydrogen-Bonding Interactions Between the Herbicide Glyphosate and Water-Soluble Humic Substances. *ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY* 13: 1737-1741.
Rejection Code: CHEM METHODS.
876. Piccolo, A. and Celano, G. (1993). Modification of Infrared Spectra of the Herbicide Glyphosate Induced by Ph Variation. *J environ sci health part b pestic food contam agric wastes* 28: 447-457.
Rejection Code: CHEM METHODS.
877. Piccolo, A. , Celano, G., Arienzo, M., and Mirabella, A. (1994). Adsorption and Desorption of Glyphosate in Some European Soils. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 1105-1115.
Rejection Code: FATE.
878. Piccolo, A. , Celano, G., and Conte, P. (1996). Adsorption of Glyphosate by Humic Substances. *Journal of agricultural and food chemistry* 44: 2442-2446.

- Rejection Code: FATE.
879. Piccolo, A. , Celano, G., and Pietramellara, G. (1992). Adsorption of the Herbicide Glyphosate on a Metal-Humic Acid Complex. *Fourth international workshop on chemical, biological and ecotoxicological behaviour of pesticides in the soil environment, rome, italy, may 29-31, 1991. Sci total environ* 123-124: 77-82.
Rejection Code: FATE.
880. Piccolo, A. , Gatta, L., and Campanella, L. (1995). Interactions of Glyphosate Herbicide With a Humic Acid and Its Iron Complex. *Annali di chimica* 85: 31-40.
Rejection Code: CHEM METHODS.
881. Pieniazek, D., Bukowska, B. E. *, and Duda, W. (2004). Comparison of the Effect of Roundup Ultra 360 SI Pesticide and Its Active Compound Glyphosate on Human Erythrocytes. *Pesticide Biochemistry and Physiology [Pestic. Biochem. Physiol.J. Vol. 79, no. 2, pp. 58-63. Jun 2004.*
Rejection Code: HUMAN HEALTH, IN VITRO.
882. Pilgeram, A. P., Tiourebaev, K., Weaver, M. B., Morgan, C. T., Anderson, T. W., McCarthy, M. K., Tepe, M., and Sands, D. C. (1996). Characterization of a Chlamydospore Mutant of Fusarium Oxysporum F. Sp. Papaver. *Annual meeting of the american phytopathological society, north central division, indianapolis, indiana, usa, july 27-31, 1996. Phytopathology* 86: S9.
Rejection Code: ABSTRACT.
883. Pipke, R. and Amrhein, N. (1988). Degradation of the Phosphonate Herbicide Glyphosate by Arthrobacter-Atrocyaneus Atcc 13752. *Appl environ microbiol* 54: 1293-1296.
Rejection Code: BACTERIA, FATE.
884. Pipke, R. and Amrhein, N. (1988). Isolation and Characterization of a Mutant of Arthrobacter-Sp Strain Glp-1 Which Utilizes the Herbicide Glyphosate as Its Sole Source of Phosphorus and Nitrogen. *Appl environ microbiol* 54: 2868-2870.
Rejection Code: BACTERIA.
885. Piruzian, E. S., Goldenkova-Pavlova, I. V., Abdeev, R. M., Komakhin, R. A., Brouskin, S. A., and Abdeeva, I. A. (2006). Transgenic Plants Expressing Bacterial Genes as a Model System for Plant Functional Genomics. *Current Genomics* 7: 33-42.
Rejection Code: MODELING.
886. Pitt, D. G. , Mihajlovich, M., and Proudfoot, L. M. (2004). Juvenile Stand Responses and Potential Outcomes of Conifer Release Efforts on Alberta's Spruce-Aspen Mixedwood Sites. *Forestry Chronicle* 80: 583-597.
Rejection Code: REVIEW.
887. Ploeg, A. T. (2002). Effects of Selected Marigold Varieties on Root-Knot Nematodes and Tomato and Melon Yields. *Plant Dis.* 86: 505-508.
Rejection Code: BIOLOGICAL TOXICANT.
888. Ploeg, A. T. and Phillips, M. S. (2001). Damage to Melon (*Cucumis melo* L.) cv. Durango by Meloidogyne incognita in Southern California. *Nematology* 3: 151-157.
Rejection Code: NO TOXICANT.
889. Pogoda, J. M. and Preston-Martin, S. (1997). Household Pesticides and Risk of Pediatric Brain Tumors. *Environmental health perspectives* 105: 1214-1220.
Rejection Code: HUMAN HEALTH.
890. Pompliano, D. L., Reimer, L. M., Myrvold, S., and Frost, J. W. (1989). Probing Lethal Metabolic Perturbations in Plants With Chemical Inhibition of Dehydroquinate Synthase. *J am chem soc* 111: 1866-1871.

- Rejection Code: FATE.
891. Pontius, F. W. (1999). Complying With Future Water Regulations: With Regulatory Activity Picking up Momentum Into 2000, Utilities Must Anticipate and Strategically Plan for Compliance. *American water works association journal* 91: 46-58.
Rejection Code: NO TOX DATA.
892. Pontius, F. W. (1997). Future Directions in Water Quality Regulations. *American water works association journal* 89: 40-54.
Rejection Code: NO TOX DATA.
893. Pontius, F. W. (1998). New Horizons in Federal Regulation. *American water works association journal* 90: 38-50.
Rejection Code: NO TOX DATA.
894. Pool, R. M., Dunst, R. M., Kamas, J. S., and Fenderer, A. G. (1997). Vineyard Weed Management Using Non-Persistent Herbicides. *4th international symposium on cool climate viticulture and enology and the american society of enology and viticulture, eastern section, rochester, new york, usa, july 1997. American journal of enology and viticulture* 48: 250 .
Rejection Code: ABSTRACT.
895. Porpiglia, P., Towne, O., and Houseworth, D. (1996). Overview of the Turf Weed Control Market in the Usa. *Meeting on pest management in turf, brighton, england, uk, november 20, 1995. Pesticide science* 47: 387-388.
Rejection Code: REVIEW.
896. Porter, W. C., Green, B. B., and Johnson, C. E. (1988). Response of Warm-Season Grasses to Sublethal Rates of Postemergence Herbicides. *48th annual meeting of the american society for horticultural science (southern region), new orleans, louisiana, usa, january 31-february 2, 1988. Hortscience* 23: 820.
Rejection Code: ABSTRACT.
897. Porter, W. C. and Parish, R. L. (1996). Hooded Spray Application of Postemergence Herbicides for Southernpea Production. *56th annual meeting of the american society for horticultural science, southern region, greensboro, north carolina, usa, february 3-5, 1996. Hortscience* 31: 748.
Rejection Code: ABSTRACT.
898. Portier, R. , Fujisaki, K., Friday, D., Hallas, L., and Adams, W. (1991). Continuous Biotreatment of Centrifuge Spent Wash Effluents Using Immobilized Microbial Populations. *91st general meeting of the american society for microbiology, dallas, texas, usa, may 5-9, 1991. Abstr gen meet am soc microbiol* 91: 278.
Rejection Code: BACTERIA.
899. Portier, R. J., Fujisaki, K., Reily, L. A., McMillin, D. J., Marine Technology Soc., Washington, DC (USA), and IEEE Ocean Engineering Soc., New York NY USA (1987). Detoxification of Rinsates From Aerial Pesticide Applications Using a Marine Polysaccharide/Diatomaceous Earth Packed Bed Biological Reactor.
Rejection Code: METHODS, BACTERIA.
900. Potti, A. and Sehgal, I. (2005). Exposure to Pesticides Increases Levels of Upa and Upar in Pre-Malignant Human Prostate Cells. *Environmental Toxicology and Pharmacology* 19: 215-219.
Rejection Code: HUMAN HEALTH.
901. Powell, H. A., Kerby, N. W., and Rowell, P. (1990). The Role of Cyanobacteria for Herbicide Screening. *Winter meeting of the british phycological society, bangor, wales, uk, january 3-5, 1990. Br phycol j* 25: 93.
Rejection Code: ABSTRACT.

902. Powell, H. A., Kerby, N. W., Rowell, P., Mousdale, D. M., and Coggins, J. R. (1992). Purification and Properties of a Glyphosate-Tolerant 5-Enolpyruvylshikimate 3-Phosphate Synthase from the Cyanobacterium Anabaena variabilis. *Planta* 188: 484-490.
Rejection Code: IN VITRO.
903. Powell, H. A., Kerry, N. W., and Powell, P. (1991). The Mechanism of Glyphosate Resistance in the Cyanobacterium Anabaena-Variabilis. *Winter meeting of the british phycological society, edinburgh, scotland, uk, january 2-4, 1991. Br phycol j* 26: 94.
Rejection Code: ABSTRACT.
904. Powers, R. F. and Ferrell, G. T. (1996). Moisture, Nutrient, and Insect Constraints on Plantation Growth: The "Garden of Eden" Study. *N.Z.J.For.Sci.* 26: 126-144.
Rejection Code: MIXTURE.
905. Prakoso, B. , Nitisinprasert, S., and Stevens, W. F. (2003). Genetically Modified Soybeans: False-Positive Detection in Fermented Natural Soybean (Tempe). *Biotechnology Letters* 25: 1485-1490.
Rejection Code: NO SPECIES (DEAD).
906. Prasad, R. (1989). Influence of Adjuvants on Efficacy of Forest Herbicides. *Annual meeting of the canadian pest management society, london, ontario, canada, june 22-26, 1987. Can j plant sci* 69: 264.
Rejection Code: ABSTRACT.
907. Prenesti, E. and Gulmini, M. (1998). Nickelii Complexes of N-Phosphonomethylglycine in Aqueous Solution. *Annali di chimica* 88: 591-595.
Rejection Code: CHEM METHODS.
908. Prestidge, R. A., Thom, E. R., Marshall, S. L., Taylor, M. J., Willoughby, B., and Wildermoth, D. D. (1992). Influence of Acremonium lolii Infection in Perennial Ryegrass on Germination, Emergence, Survival, and Growth of White Clover. *N.Z.J.Agric.Res.* 35: 225-234.
Rejection Code: NO TOX DATA.
909. Pritchard, P. H. (1988). Fate of Pollutants. *J water pollut control fed* 60: 983-994.
Rejection Code: FATE.
910. Puelschen, L., Kaske, R., and Sauerborn, S. (1994). Pesticide Use in Egypt, Its Ecological Impact and Mitigative Measures. *Zeitschrift fuer pflanzenkrankheiten und pflanzenschutz* 101: 303-315.
Rejection Code: NO TOX DATA.
911. Pushnay, L. A., Avnon, L. S., and Carel, R. S. (1998). Herbicide (Roundup) Pneumonitis. *Chest* 114: 1769-1771 .
Rejection Code: HUMAN HEALTH.
912. Qiu Shenfeng, Pak Cwook, and Curras-Collazo Margarita C (2006). Sequential Involvement of Distinct Glutamate Receptors in Domoic Acid-Induced Neurotoxicity in Rat Mixed Cortical Cultures: Effect of Multiple Dose/Duration Paradigms, Chronological Age, and Repeated Exposure. *Toxicological Sciences* 89: 243-256.
Rejection Code: IN VITRO.
913. 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 [J. Environ. Monit.] Vol. 6, no. 3, pp. 182-190. Mar 2004.*
Rejection Code: FATE.
914. Quan, D., Wester, R. C., and Maibach, H. I. (1993). Percutaneous Absorption of Pesticides Through Cotton Sheets Into Human Skin. *Aaps (american association of pharmaceutical scientists) eighth annual meeting and exposition, orlando, florida, usa, november 14-18, 1993. Pharmaceutical research (new york)* 10: S253.

- Rejection Code: HUMAN HEALTH.
915. 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.
Rejection Code: NO CONC/NO DURATION/SURVEY.
916. Quinn, J. P., Pedden, J. Mm, and Dick, R. E. (1988). Glyphosate Tolerance and Utilization by the Microflora of Soils Treated With the Herbicide. *Appl microbiol biotechnol* 29: 511-516.
Rejection Code: BACTERIA.
917. Quinn, J. P., Peden, J. Mm, and Dick, R. E. (1989). Carbon-Phosphorus Bond Cleavage by Gram-Positive and Gram-Negative Soil Bacteria. *Appl microbiol biotechnol* 31: 283-287.
Rejection Code: BACTERIA.
918. Racchi, M. L., Pelanda, R., and Todesco, G. (1988). In-Vitro Selection for Glyphosate Resistance in Maize Zea-Mays. *Xxiith annual meeting of the italian society for agricultural genetics, capri, italy, october 26-28, 1988. Genet agrar* 42: 479.
Rejection Code: ABSTRACT.
919. Raditsch, M., Ruppertsberg, J. P., Kuner, T., Guenther, W., Schoepfer, R., Seeburg, P. H., Jahn, W., and Witzemann, V. *. (1993). Subunit-Specific Block of Cloned Nmda Receptors by Argiotoxin Sub(636). *FEBS Letters [FEBS LETT.J. Vol. 324, no. 1, pp. 63-66. 1993.*
Rejection Code: IN VITRO.
920. Rahe, J. E. , Johal, G. S., and Levesque, A. (1989). Synergistic Role of Soil Fungi in the Herbicidal Activity of Glyphosate. *197th american chemical society national meeting, dallas, texas, usa, april 9-14, 1989. Abstr pap am chem soc* 197: Agro 138.
Rejection Code: ABSTRACT.
921. Rahe, J. E. , Levesque, C. A., and Speier, H. (1990). Evidence for Specificities in the Synergistic Interaction of Root-Colonizing Fungi and Glyphosate. *Annual meeting of the canadian phytopathological society and the american phytopathological society, grand rapids, michigan, usa, august 4-8, 1990. Can j plant pathol* 12: 339.
Rejection Code: ABSTRACT.
922. Ralston, S. T., Linz, G. M., Bleier, W. J., and Homan, H. J. (2007). Cattail Distribution and Abundance in North Dakota. *Journal of Aquatic Plant Management* 45: 21-24.
Rejection Code: SURVEY.
923. Rao, K. V. and Reddy, G. C. (1990). Synthesis and Herbicidal Activity of the Halo Analogues of Pyoluteorin. *J agric food chem* 38: 1260-1263.
Rejection Code: BIOLOGICAL TOXICANT, CHEM METHODS.
924. Ratcliffe, R. G. and Roscher, A. (1998). Prospects for in Vivo Nmr Methods in Xenobiotic Research in Plants. *Biodegradation* 9: 411-422.
Rejection Code: REVIEW.
925. Rausch, H. and Gross, G. G. (1996). Preparation of [Superior 14c]-Labelled 1,2,3,4,6,-Penta-O-Galloyl- Beta -D-Glucose and Related Gallotannins. *Zeitschrift fur Naturforschung Section C - Journal of Biosciences* 51: 473-476.
Rejection Code: CHEM METHODS, IN VITRO.
926. Rayachhetry, M. B. and Elliott, M. L. (1996). Compatibility of a Native Fungus With Herbicides for Melaleuca Control in South Florida. *Annual meeting of the american phytopathological society, north central division, indianapolis, indiana, usa, july 27-31, 1996. Phytopathology* 86: S22.
Rejection Code: ABSTRACT.

927. Raymer, P. L. and Grey, T. L. (2003). Challenges in Comparing Transgenic and Nontransgenic Soybean Cultivars. *Crop Science* 43: 1584-1589.
Rejection Code: REVIEW.
928. Ream, J., Anderson, K., Sammons, R. D., and Sikorski, J. (1988). A Rapid Sensitive Binding Assay for Studying the Interaction of Glyphosate Chemistry With Epsp Synthase. *Annual meeting of the american society of plant physiologists, reno, nevada, usa, july 10-14, 1988. Plant physiol (bethesda)* 86: 63.
Rejection Code: ABSTRACT.
929. Reddy, G. P. V. and Murthy, M. M. K. (1989). Integrated Pest Management in Rice. *Pesticides* 23: 32F-32I .
Rejection Code: NO TOX DATA.
930. Reinbothe, C., Ortel, B., Parthier, B., and Reinbothe, S. (1994). Cytosolic and Plastid Forms of 5-Enolpyruvylshikimate-3-Phosphate Synthase in Euglena gracilis are Differentially Expressed During Light-Induced Chloroplast Development. *Mol.Gen.Genet.* 245: 616-622.
Rejection Code: NO TOXICANT.
931. Reinert, K. H. (1989). Environmental Behavior of Aquatic Herbicides in Sediments. *Symposium on reactions and movement of organic chemicals in soils held at the 1987 annual meeting of the american society of agronomy and the soil science society of america, atlanta, georgia, usa, november 30-december 1, 1987. Sssa spec publ (soil sci soc am) ser 0*: 335-348.
Rejection Code: FATE.
932. Reish, D. J., Oshida, P. S., Mearns, A. J., Ginn, T. C., Godwin-Saad, E. M., and Buchman, M. (1997). Effects of Pollution on Saltwater Organisms. *Water environment research* 69: 877-892.
Rejection Code: REVIEW.
933. Rendon-von Osten, J., Soares, A. M. V. M., and Guilhermino, L. (2005). Black-Bellied Whistling Duck (*Dendrocygna autumnalis*) Brain Cholinesterase Characterization and Diagnosis of Anticholinesterase Pesticide Exposure in Wild Populations from Mexico. *Environ.Toxicol.Chem.* 24: 313-317.
Rejection Code: IN VITRO/NO CONC.
934. Repasi, J. (1993). Selective Complexometric Determination of Glyphosate and Related Compounds. *Pesticide science* 39: 287-292.
Rejection Code: CHEM METHODS.
935. Reyes Gomez, V. M and Nunez Lopez, D. (2007). Advance of the Monitor of Drought for the Northern Region of Mexico. *American Geophysical Union, 2000 Florida Ave., N.W. Washington DC 20009 USA.*
Rejection Code: NO TOX DATA.
936. Reynolds, P. E., Scrivener, J. C., Holtby, L. B., Kingsbury, P. D., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). An Overview of Carnation Creek Herbicide Study: Historical Perspective, Experimental Protocols, and Spray Operations.
Rejection Code: SURVEY.
937. Reynolds, P. E., Scrivener, J. C., Holtby, L. B., Kingsbury, P. D., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). A Summary of Carnation Creek Herbicide Study Results.
Rejection Code: SURVEY.
938. Rhodes, A. N. and Hendricks, C. W. (1990). A Continuous-Flow Method for Measuring Effects of Chemicals on Soil Nitrification. *Toxic assess* 5: 77-90.

Rejection Code: BACTERIA.

939. Rhodes, A. N. and Hendricks, C. W. (1988). A Flow-Through Method to Evaluate Potential Effects of Pollutants on Soil Nitrification. *Annual meeting of the american society for microbiology, miami beach, florida, usa, may 8-13, 1988. Abstr annu meet am soc microbiol* 88: 253.
Rejection Code: CHEM METHODS, FATE.
940. Rhodes, A. N. and Hendricks, C. W. (1989). The Relative Abundance of Heterotrophic Denitrifying and Nitrifying Bacteria in an Acidic Silty Soil Treated With Roundup and N-Serve. *89th annual meeting of the american society for microbiology, new orleans, louisiana, usa, may 14-18, 1989. Abstr annu meet am soc microbiol* 89: 299.
Rejection Code: BACTERIA.
941. Richman, S. J., Walker, C. A., and Lee, S. M. (1995). Capillary Electrophoresis Exploring a New Analytical Tool for Pesticide Residue Analysis. *210th american chemical society national meeting, chicago, illinois, usa, august 20-24, 1995. Abstracts of papers american chemical society* 210: Agro 2.
Rejection Code: ABSTRACT.
942. Ridlen, J. S., Klopff, G. J., and Nieman, T. A. (1997). Determination of Glyphosate and Related Compounds Using Hplc With Tris(2,2'-Bipyridyl)Ruthenium(II) Electrogenerated Chemiluminescence Detection. *Analytica chimica acta* 341: 195-204.
Rejection Code: CHEM METHODS.
943. Ridley, W. P., Chott, R. C., Hotz, K., Mcclanahan, R. H., and Howe, R. K. (1992). Absorption Distribution and Elimination of Glyphosate in Male Sprague-Dawley Rats. *204th american chemical society national meeting, washington, d.c., Usa, august 23-28, 1992. Abstr pap am chem soc* 204: Agro 21.
Rejection Code: ABSTRACT.
944. Riechers, D. E., Wax, L. M., Liebl, R. A., and Bush, D. R. (1994). Surfactant-Increased Glyphosate Uptake Into Plasma Membrane Vesicles Isolated From Common Lambsquarters Leaves. *Plant physiology (rockville)* 105: 1419-1425.
Rejection Code: IN VITRO, FATE.
945. Rieger, M. A., Preston, C., and Powles, S. B. (1999). Risks of Gene Flow From Transgenic Herbicide-Resistant Canola (*Brassica Napus*) to Weedy Relatives in Southern Australian Cropping Systems. *Australian Journal of Agricultural Research* 50: 115-128.
Rejection Code: REVIEW.
946. Rigetti, S. C., Holm, F. A., and Van Kessell C (1998). Herbicide and Tillage Effects on Weed Control and Crop Tolerance in Direct Seeded Pea and Lentil. *Annual meeting of the canadian society of agronomy, truro, nova scotia, august 17-20, 1997. Canadian journal of plant science* 78: 324.
Rejection Code: ABSTRACT.
947. Riley, C. M., Wiesner, C. J., and Sexsmith, W. A. (1991). Estimating Off-Target Spray Deposition on the Ground Following the Aerial Application of Glyphosate for Conifer Release in New Brunswick (Canada). *J environ sci health part b pestic food contam agric wastes* 26: 185-208.
Rejection Code: METHODS, MODELING.
948. Riley, D. P., Fields, D. L., and Rivers, W. (1991). Homogeneous Catalysts for Selective Molecular Oxygen Driven Oxidative Decarboxylations. *J am chem soc* 113: 3371-3378.
Rejection Code: CHEM METHODS.
949. Roberts, W. and Cartwright, B. (1990). Alternative Approaches to Soil Erosion Fertility and Pest Management of Cabbage. *50th annual meeting of the american society for horticultural science (southern region), little rock, arkansas, usa, february 3-6, 1990. Hortscience* 25: 859.
Rejection Code: ABSTRACT.

950. Roberts, W., Shrefler, J., Duthie, J., and Edelson, J. (1996). Mechanical and Chemical Alternatives for Weed Control in Watermelon. *56th annual meeting of the american society for horticultural science, southern region, greensboro, north carolina, usa, february 3-5, 1996. Hortscience* 31: 758.
Rejection Code: ABSTRACT.
951. Robertson, B. and Alexander, M. (1994). Growth-Linked and Cometabolic Biodegradation: Possible Reason for Occurrence or Absence of Accelerated Pesticide Biodegradation. *Pesticide science* 41: 311-318.
Rejection Code: FATE.
952. Robinson, D. E. and Mansingh, A. (1999). Insecticide Contamination of Jamaican Environment. Iv. Transport of Residues From Coffee Plantations in the Blue Mountains to Coastal Waters in Eastern Jamaica. *Environmental monitoring and assessment* 54: 125-141.
Rejection Code: FATE.
953. Rodriguez, A., Echechipia, S., Olaguibel, J. M., Garcia, B. E., and Sanchez-Palacios, A. (1997). Occupational Contact Allergy to Herbicide Glyphosphate. *Joint meeting of the american academy of allergy, asthma and immunology, the american association of immunologists and the clinical immunology society, san francisco, california, usa, february 21-26, 1997. Journal of allergy and clinical immunology* 99: S336.
Rejection Code: HUMAN HEALTH.
954. Rogers, D. J., Reid, R. E., Rogers, J. J., and Addison, S. J. (2007). Prediction of the Naturalisation Potential and Weediness Risk of Transgenic Cotton in Australia. *Agriculture, Ecosystems and Environment* 119: 177-189.
Rejection Code: MODELING.
955. Rogers, R. B. (1989). The Application of Herbicides With Ultra-Small Drops. *Chow, p. N. P. (Ed.). Adjuvants and agrochemicals, vol. II. Recent development, application, and bibliography of agro-adjuvants. First international symposium, brandon, manitoba, canada, august 5-7, 1986. Xiii+222p. Crc press, inc.: Boca raton, florida, usa. Illus. ISBN 0-8493-6532-5; isbn 0-8493-6533-3. 0: 93-102.*
Rejection Code: METHODS.
956. Rogers, S. G. and Cline, M. (1998). Biotechnology and the Soybean. *American Journal of Clinical Nutrition* 68: SUPPL. 1330S-1332S.
Rejection Code: NO TOX DATA.
957. Rolletschek, H., Rolletschek, A., Hartzendorf, T., and Kohl, J. G. (2000). Physiological Consequences of Mowing and Burning of Phragmites australis Stands for Rhizome Ventilation and Amino Acid Metabolism. *Wetlands Ecol.Manag.* 8: 425-433.
Rejection Code: NO TOXICANT.
958. Rosales-Serna, R., Herna(acute)ndez-Delgado, S., Gonza(acute)lez-Paz, M., Acosta-Gallegos, J. A., and Mayek-Pe(acute)rez, N. (2005). Genetic Relationships and Diversity Revealed by Aflp Markers in Mexican Common Bean Bred Cultivars. *Crop Science* 45: 1951-1957.
Rejection Code: NO TOX DATA.
959. Rosas, I., Belmont, R., Armienta, A., and Baez, A. (1999). Arsenic Concentrations in Water, Soil, Milk and Forage in Comarca Lagunera, Mexico. *Water, Air, & Soil Pollution [Water, Air, Soil Pollut.]*. Vol. 112, no. 1-2, pp. 133-149. May 1999.
Rejection Code: FATE.
960. Roshon, R. D. (1992). Evaluation of Myriophyllum sibiricum in Axenic Culture as a Bioassay for Predicting Effects of Pesticides on Non-target Aquatic Plants. *In: Abstr.Aquat.Plant Manage.Soc., Inc., 32nd Annu.Meeting and Int.Symp.Biol.Manage.Aquat.Plants, July 12-16, 1992, Daytona Beach, FL 6 (ABS) (No Author Response).*
Rejection Code: ABSTRACT.

961. Roshon, R. D., Mccann, J. H., Thompson, D. G., and Stephenson, G. R. (1999). Effects of Seven Forestry Management Herbicides on *Myriophyllum Sibiricum*, as Compared With Other Nontarget Aquatic Organisms. *Canadian journal of forest research* 29: 1158-1169.
Rejection Code: REVIEW.
962. Ross, D. W., Berisford, C. W., and Godbee, J. F. Jr. (1990). Pine Tip Moth, *Rhyacionia* spp., Response to Herbaceous Vegetation Control in an Intensively Site-Prepared Loblolly Pine Plantation. *For.Sci.* 36: 1105-1118.
Rejection Code: MIXTURE.
963. Rostad, C. E. (1997). Concentration and Transport of Chlordane and Nonachlor Associated With Suspended Sediment in the Mississippi River, May 1988 to June 1990. *Archives of environmental contamination and toxicology* 33: 369-377.
Rejection Code: FATE.
964. Rotteveel, A. J. W., Straathof, H. J. M., and Naber, H. (1993). The Decline of a Yellow Nutsedge (*Cyperus esculentus* L.) Population Under Three Chemical Management Systems Aimed at Eradication. *Meded.Fac.Landbouwkd.Toegep.Biol.Wet.Univ.Gent* 58: 893-900.
Rejection Code: MIXTURE.
965. Roy, D. N. and Konar, S. K. (1989). Development of an Analytical Method for the Determination of Glyphosate and Aminomethylphosphonic Acid Residues in Soils by Nitrogen-Selective Gas Chromatography. *J agric food chem* 37: 441-443.
Rejection Code: CHEM METHODS, FATE.
966. Roy, D. N., Konar, S. K., Banerjee, S., Charles, D. A., Thompson, D. G., and Prasad, R. (1989). Persistence Movement and Degradation of Glyphosate in Selected Canadian Boreal Forest Soils. *J agric food chem* 37: 437-440.
Rejection Code: FATE.
967. Roy, D. N., Konar, S. K., Banerjee, S., Charles, D. A., Thompson, D. G., and Prasad, R. (1989). Uptake and Persistence of the Herbicide Glyphosate Vision in Fruit of Wild Blueberry and Red Raspberry. *Can j for res* 19: 842-847.
Rejection Code: HUMAN HEALTH.
968. Ruban, V., Larrarte, F., Berthier, M., Favreau, L., Sauvourel, Y., Letellier, L., Mosissni, M. L., and Raimbault, G. (2005). Quantitative and Qualitative Hydrologic Balance for a Suburban Watershed With a Separate Sewer System (Nantes, France).
Rejection Code: FATE.
969. Ruff, T., Eichholtz, D., Re, D., Padgette, S., and Kishore, G. (1991). Effects of Amino Acid Substitutions on Glyphosate Tolerance and Activity of Epsps. *Annual meeting of the american society of plant physiologists, albuquerque, new mexico, usa, july 28-august 1, 1991. Plant physiol (bethesda)* 96: 94.
Rejection Code: ABSTRACT.
970. Rzeski Wojciech, Pruskil Susanne, Macke Alexander, Felderhoff-Mueser Ursula, Reiher Anne Katrin , Hoerster Friederike, Jansma Corina, Jarosz Bozena, Stefovská Vanya, Bittigau Petra, and Ikonomidou Chrysanthy (2004). Anticancer Agents Are Potent Neurotoxins in Vitro and in Vivo. *Annals of Neurology [Ann. Neurol.J. Vol. 56, no. 3, pp. 351-360. Sep 2004.*
Rejection Code: HUMAN HEALTH.
971. Safarpour, M. M., Picard, G. L., Cavalier, T. C., Nejad, H., Zeng, M., Safarpour, D., Souza, M., and Krynnitsky, A. J. (1996). Separation and Determination of Pesticide Residues by Capillary Electrophoresis. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 110.
Rejection Code: CHEM METHODS.

972. Sahid, I., Salleh, M. A., and Omar, O. (1993). Effects of Herbicides on Cellulose Decomposition in Soil. *Plant Prot.Q.* 8: 38-39.
Rejection Code: NO SPECIES.
973. Sainty, G., McCorkelle, G., and Julien, M. (1998). Control and Spread of Alligator Weed *Alternanthera philoxeroides* (Mart.) Griseb., in Australia: Lessons for Other Regions. *Wetlands Ecol.Manag.* 5: 195-201.
Rejection Code: REFS CHECKED/REVIEW.
974. Saji, H., Nakajima, N., Aono, M., Tamaoki, M., Kubo, A., Wakiyama, S., Hatase, Y., and Nagatsu, M. (2005). Monitoring the Escape of Transgenic Oilseed Rape Around Japanese Ports and Roadsides. *Environmental Biosafety Research* 4: 217-222.
Rejection Code: SURVEY.
975. Samis, S. C., Schuckmann Svon, Wan, M. T., McKellar, G. D., and Scott, M. (1992). Guidelines for the Protection of Fish and Fish Habitat During Use of Glyphosate and Other Selected Forestry Herbicides in Coastal British Columbia.
Rejection Code: METHODS, FATE.
976. Sammons, R. D. and Sikorski, J. A. (1988). Biochemical Studies of Epst Synthase the Target for Glyphosate N Phosphonomethylglycine. *Third chemical congress of north america held at the 195th american chemical society meeting, toronto, ontario, canada, june 5-10, 1988. Abstr pap chem congr north am* 3: Btec 71.
Rejection Code: ABSTRACT.
977. Sanchez-Martin, M. J., Crisanto, T., Arienzo, M., and Sanchez-Camazano, M. (1994). Evaluation of the Mobility of C14-Labelled Pesticides in Soils by Thin Layer Chromatography Using a Linear Analyser. *Journal of environmental science and health part b pesticides food contaminants and agricultural wastes* 29: 473-484.
Rejection Code: FATE.
978. Sanchis-Segura Carles, Borchardt Thilo, Vengeliene Valentina, Zghoul Tarek, Bachteler Daniel, Gass Peter, Sprengel Rolf, and Spanagel Rainer (2006). Involvement of the Ampa Receptor Glur-C Subunit in Alcohol-Seeking Behavior and Relapse. *Journal of Neuroscience* 26: 1231-1238.
Rejection Code: HUMAN HEALTH.
979. Sancho, J. V., Hernandez, F., Lopez, F. J., Hogendoorn, E. A., Dijkman, E., and Van Zoonen P (1996). Rapid Determination of Glufosinate, Glyphosate and Aminomethylphosphonic Acid in Environmental Water Samples Using Precolumn Fluorogenic Labeling and Coupled-Column Liquid Chromatography. *Journal of chromatography a* 737: 75-83.
Rejection Code: CHEM METHODS.
980. Sandermann, H. (2006). Plant Biotechnology: Ecological Case Studies on Herbicide Resistance. *Trends in Plant Science* 11: 324-328.
Rejection Code: REVIEW.
981. Sangodoyin, A. Y. (1993). Field Evaluation of the Possible Impact of Some Pesticides on the Soil and Water Environment in Nigeria. *Exp agric* 29: 227-232.
Rejection Code: FATE.
982. Sannino, F. and Violante, A. (1995). Pesticide Effects on the Activity of Free, Immobilized and Soil Invertase. Au - Gianfreda L. *Soil biology and biochemistry* 27: 1201-1208.
Rejection Code: FATE.
983. Sanogo, S., Scherm, H., Peters, C. M., and Yang, X. B. (1997). Response of *Fusarium Solani* F. Sp Glycines to Herbicides and Development of Sudden Death Syndrome in Glyphosate-Tolerant Soybean. *Annual meeting of the american phytopathological society, rochester, new york, usa, august 9-13,*

1997. *Phytopathology* 87: S85.
Rejection Code: ABSTRACT.
984. Sanogo, S. and Yang, X. B. (1998). Effect of Selected Herbicides on Conidial Production and Germination and Mycelial Growth of *Fusarium Solani* F. Sp. Glycines. *Meeting of the american phytopathological society, north central division, winnipeg, manitoba, canada, july 6-9, 1997. Phytopathology* 88: S113-s114.
Rejection Code: ABSTRACT.
985. Sanogo, S., Yang, X. B., Hartzler, R., and Whigham, K. (1998). Herbicide Application and Development of Sudden Death Syndrome in Roundup Ready Soybean Under Field Conditions. *Annual meeting of the american phytopathological society, las vegas, nevada, usa, november 8-12, 1998. Phytopathology* 88: S78.
Rejection Code: ABSTRACT.
986. Santier, S. and Chamel, A. (1998). Reassessment of the Role of Cuticular Waxes in the Transfer of Organic Molecules Through Plant Cuticles. *Plant Physiology and Biochemistry* 36: 225-231.
Rejection Code: IN VITRO, FATE.
987. Saroha, M. K., Sridhar, P., and Malik, V. S. (1998). Glyphosate-Tolerant Crops: Genes and Enzymes. *J. Plant Biochem. Biotechnol.* 7: 65-72.
Rejection Code: REVIEW.
988. Saroha, M. K., Sridhar, P., and Malik, V. S. (1998). Glyphosate-Tolerant Crops: Genes and Enzymes. *Journal of Plant Biochemistry and Biotechnology* 7: 65-72.
Rejection Code: REVIEW.
989. Sassaman, J. F., Pienta, R., Jacobs, M., Cioffi, J., and Mitre Corp., McLean, VA (USA) (1984). Pesticide Background Statements. Volume 1. Herbicides.
Rejection Code: REVIEW.
990. Sasseville, D. N. (1993). Influence of Pesticides on Nitrogen Content of Tomato Plants. *53rd annual meeting of the ashs (american society for horticultural science) southern region, tulsa, oklahoma, usa, january 30-february 2, 1993. Hortscience* 28: 273.
Rejection Code: ABSTRACT.
991. Sawada, Y., Nagai, Y., Ueyama, M., and Yamamoto, I. (1988). Probable Toxicity of Surface-Active Agent in Commercial Herbicide Containing Glyphosate. *Lancet.* 1: 299.
Rejection Code: HUMAN HEALTH.
992. Schaefer, J., Stejskal, E. O., and Mckay, R. A. (1985). Solid-State Nmr Determination of Glyphosate Metabolism in a *Pseudomonas*-Sp Au - Jacob Gs. *J biol chem* 260: 5899-5905.
Rejection Code: BACTERIA, FATE.
993. Schaeffer, A. (1993). Pesticide Effects on Enzyme Activities in the Soil Ecosystem. *Bollag, j.-M. And g. Stotzky (ed.). Soil biochemistry, vol. 8. Xi+418p. Marcel dekker, inc.: New york, new york, usa. Basel, switzerland. ISBN 0-8247-9044-8* 0: 273-340.
Rejection Code: FATE.
994. Schafers, C., Hommen, U., Dembinski, M., and Gonzalez-Valero, J. F. (2006). Aquatic Macroinvertebrates in the Altes Land, an Intensely Used Orchard Region in Germany: Correlation Between Community Structure and Potential for Pesticide Exposure. *Environ.Toxicol.Chem.* 25: 3275-3288.
Rejection Code: MIXTURE/SURVEY.
995. Scheggi, S. , Mangiavacchi, S., Masi, F., Gambarana, C., Tagliamonte, A., and DeMontis, M. G. *. ([nd]). Dizocilpine Infusion Has a Different Effect in the Development of Morphine and Cocaine

- Sensitization: Behavioral and Neurochemical Aspects. *Neuroscience [Neuroscience]*. Vol. 109, no. 2, pp. 267-274.
- Rejection Code: HUMAN HEALTH.
996. Scheiber, P. A., Tran, M., and Duncan, D. R. (2006). Tissue Culture and Transient Transformation of Marestail (*Conyza Canadensis* (L.) Cronquist). *Plant Cell Reports* 25: 507-512.
Rejection Code: IN VITRO.
997. Schliebs, R., Liebmann, A., Bhattacharya, S. K., Kumar, A., Ghosal, S., and Bigl, V. (1997). Systemic Administration of Defined Extracts From *Withania Somnifera* (Indian Ginseng) and Shilajit Differentially Affects Cholinergic but Not Glutamatergic and Gabaergic Markers in Rat Brain. *Neurochemistry International*, 30 (2) pp. 181-190, 1997.
Rejection Code: BIOLOGICAL TOXICANT.
998. Schmidt, C. P. and Pannell, D. J. (1996). The Role and Value of Herbicide-Resistant Lupins in Western Australian Agriculture. *Crop Protection* 15: 539-548.
Rejection Code: MODELING.
999. Schmitz, D. C. (2007). Florida's Invasive Plant Research: Historical Perspective and the Present Research Program. *Natural Areas Journal* 27: 251-253.
Rejection Code: REVIEW.
1000. Schneider, H. (1984). Special Biological Characteristics of the Weed *Agropyron Repens* Observed During the Use of Roundup in Switzerland (Caracteristiques Biologiques Particulieres du Chiendent (*Agropyron repens*) Observees au Cours de l'utilisation du Roundup en Suisse). *Schweiz.Landwirtsch.Forsch.* 23: 149-152 (FRE).
Rejection Code: NON-ENGLISH .
1001. Scho(dieresis)nbrunn, E., Eschenburg, S., Shuttleworth, W. A., Schloss, J. V., Amrhein, N., Evans, J. N. S., and Kabsch, W. (2001). Interaction of the Herbicide Glyphosate With Its Target Enzyme 5-Enolpyruvylshikimate 3-Phosphate Synthase in Atomic Detail. *Proceedings of the National Academy of Sciences of the United States of America*, 98 (4) pp. 1376-1380, 2001.
Rejection Code: CHEM METHODS.
1002. Scho(dieresis)nherr, J. (2006). Characterization of Aqueous Pores in Plant Cuticles and Permeation of Ionic Solutes. *Journal of Experimental Botany* 57: 2471-2491.
Rejection Code: IN VITRO.
1003. Schowanek, D. and Verstraete, W. (1991). Hydrolysis and Free Radical Mediated Degradation of Phosphonates. *J environ qual* 20: 769-776.
Rejection Code: FATE.
1004. Schroeder, H. F. (1997). Mass Spectrometric Detection and Identification of Polar Pesticides and Their Degradation Products: a Comparison of Different Ionization Methods. *Environmental monitoring and assessment* 44: 503-513.
Rejection Code: FATE, CHEM METHODS.
1005. Schuster, E. and Schroder, D. (1990). Side Effects of Sequentially- and Simultaneously-Applied Pesticides on Non-Target Soil Microorganisms: Laboratory Experiments. *Soil Biol.Biochem.* 22: 375-383.
Rejection Code: NO SPECIES.
1006. Schuster, E. and Schroder, D. (1990). Side Effects of Sequentially-Applied Pesticides on Non-Target Soil Microorganisms: Field Experiments. *Soil Biol.Biochem.* 22: 367-373.
Rejection Code: NO SPECIES.
1007. 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' Mueller. *Gov. Rep. Announc. Index* 14: 220 (ABS).
- Rejection Code: ABSTRACT.
1008. Schweinsberg, F., Abke, W., Rieth, K., Rohmann, U., Zullei-Seibert, N., Leng, G., and Hadnagy, W. (eds) (1999). Herbicide Use on Railway Tracks for Safety Reasons in Germany? *Toxicology Letters* 107: 201-205.
Rejection Code: FATE.
1009. Screpanti, C., Accinelli, C., Vicari, A., and Catizone, P. (2005). Glyphosate and Glufosinate-Ammonium Runoff From a Corn-Growing Area in Italy. *Agronomy for Sustainable Development* 25: 407-412.
Rejection Code: FATE.
1010. Scribner, E. (2006). The Fate and Transport of Glyphosate and Its Degradation Product, Aminomethylphosphonic Acid (Ampa), in Water.
Rejection Code: FATE.
1011. Scrivener, J. C., Forestry Canada, Victoria, B.C. (Canada), and British Columbia Minist. of Forestry, Victoria Canada (1989). Comparative Changes in Concentration of Dissolved Ions in the Stream Following Logging, Slash Burning, and Herbicide Application (Glyphosate) at Carnation Creek, British Columbia.
Rejection Code: FATE.
1012. Sebban, C., Tesolin-Decros, B., Ciprian-Ollivier, J., Perret, L., and Spedding, M. *. (2002). Effects of Phencyclidine (Pcp) and Mk 801 on the Eegq in the Prefrontal Cortex of Conscious Rats; Antagonism by Clozapine, and Antagonists of Ampa-, Alpha Sub(1)- and 5-Ht Sub(2a)-Receptors. *British Journal of Pharmacology [Br. J. Pharmacol.] Vol. 135, no. 1, pp. 65-78. Jan 2002.*
Rejection Code: HUMAN HEALTH.
1013. Seeta Ram, A. and Ramulu, C. h. A. (2006). Tissue Culture Studies for Shoot Multiplication and Herbicide Tolerance in Certain Grain Legumes. *Plant Cell Biotechnology and Molecular Biology* 7: 179-182.
Rejection Code: IN VITRO.
1014. Segawa, R., Bradley, A., Lee, P., Tran, D., Hsu, J., White, J., and Goh, K. S. (1997). Residues of Forestry Herbicides in Plants of Importance to California Native Americans. *Bulletin of environmental contamination and toxicology* 59: 556-563.
Rejection Code: HUMAN HEALTH.
1015. Self, D. W. and Choi Kwang-Ho (2004). Extinction-Induced Neuroplasticity Attenuates Stress-Induced Cocaine Seeking: a State-Dependent Learning Hypothesis. *Stress [Stress]. Vol. 7, no. 3, pp. 145-155. Sep 2004.*
Rejection Code: HUMAN HEALTH.
1016. Self David W, Choi Kwang-Ho, Simmons Diana, Walker John R, and Smagula Cynthia S (2004). Extinction Training Regulates Neuroadaptive Responses to Withdrawal From Chronic Cocaine Self-Administration. *Learning & Memory [Learn. Memory]. Vol. 11, no. 5, pp. 648-657. Sep 2004.*
Rejection Code: HUMAN HEALTH.
1017. Selvapandiyan, A. and Bhatnagar, R. K. (1994). Isolation of a Glyphosate-Metabolising Pseudomonas: Detection, Partial Purification and Localisation of Carbon-Phosphorus Lyase. *Applied microbiology and biotechnology* 40: 876-882.
Rejection Code: BACTERIA.
1018. Senesi, N. and Chen, Y. (1989). Interactions of Toxic Organic Chemicals With Humic Substances. *Gerstl, z., Et al. (Ed.). Ecological studies, vol. 73. Toxic organic chemicals in porous media Second*

- international workshop on behavior of pollutants in porous media, bet dagan, israel, june 1987. Xiv+343p. Springer-verlag: berlin, west germany; new york, new york, usa. Illus. ISBN 3-540-50799-x; isbn 0-387-50799-x.; 0: 37-90.
Rejection Code: FATE.
1019. Seo, Y. S. , Gepts, P., and Gilbertson, R. L. (2004). Genetics of Resistance to the Geminivirus, Bean Dwarf Mosaic Virus, and the Role of the Hypersensitive Response in Common Bean. *Theoretical and Applied Genetics* 108: 786-793.
Rejection Code: BIOLOGICAL TOXICANT.
1020. Serres, R. A., Mccown, B. H., and Mccabe, D. E. (1990). Genetic Transformation of Cranberry Tissue Pretreatment and Selection. *Forty-first annual meeting of the tissue culture association, houston, texas, usa, june 10-13, 1990. In vitro cell dev biol* 26: 45a.
Rejection Code: ABSTRACT.
1021. Shah, D. M., Gasser, C. S., Della-Cioppa, G., and Kishore, G. M. (1988). Genetic Engineering of Herbicide Resistance Genes. *Verma, d. P. S. And r. B. Goldberg (ed.). Plant gene research: basic knowledge and application: temporal and spatial regulation of plant genes. Xiii+344p. Springer-verlag: vienna, austria* New york, new york, usa. Illus. ISBN 3-211-82046-9; isbn 0-387-82046-9.; 0: 297-312.
Rejection Code: IN VITRO.
1022. Shahane, A. N. (1994). The Impact of the Citrus Conversion Process on Ground and Surface Water Quality a Case Study. *Campbell, k. L., W. D. Graham and a. B. Bottcher (ed.). Environmentally sound agriculture. Second conference, orlando, florida, usa, april 20-22, 1994. Xv+578p. American society of agricultural engineers: st. Joseph, michigan, usa. ISBN 0-929355-47-4* 0: 461-470.
Rejection Code: FATE.
1023. Sharma, C. B Sr and Panneerselvam, N. (1990). Genetic Toxicology of Pesticides in Higher Plant Systems. *Crit rev plant sci* 9: 409-442.
Rejection Code: REVIEW.
1024. Sharma, U. , Adee, E. A., and Pfender, W. F. (1988). Suppression of Pyrenophora-Tritici-Repentis Ascocarp Production by Glyphosate-Containing Herbicide. *Annual meeting of the american phytopathological society and the pacific division, san diego, california, usa, november 13-17, 1988. Phytopathology* 78: 1611.
Rejection Code: ABSTRACT.
1025. Shen, S. K. and Dowd, P. F. (1990). Insect Symbionts. A Promising Source of Detoxifying Enzymes. In: *J.E.Glass and G.Swift (Eds.), ACS (Am.Chem.Soc.) Symp.Ser.No.433, Agricultural and Synthetic Polymers: Biodegradability and Utilization, 197th Meet.of the Am.Chem.Soc., Apr.9-14, 1989, Am.Chem.Soc., Washington, DC* 33-37.
Rejection Code: REFS CHECKED/REVIEW.
1026. Shen, S. K. and Dowd, P. F. (1990). Insect Symbionts a Promising Source of Detoxifying Enzymes. *Glass, j. E. And g. Swift (ed.). Acs (american chemical society) symposium series, 433. Agricultural and synthetic polymers: biodegradability and utilization. 197th meeting of the american chemical society, dallas, texas, usa, april 9-14, 1989. Xi+323p. American chemical society: washington, d.c., Usa. Illus. ISBN 0-8412-1816-1* 0: 33-37.
Rejection Code: BIOLOGICAL TOXICANT.
1027. Shende, R. C. and Patil, M. B. (2005). Isolation of Haloalkalophilic Weedicide Tolerant Rhizobium From Nodules of Cajanus Cajan. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences* 7: 421-426.
Rejection Code: BACTERIA.
1028. Sherma, J. (1992). Pesticides. *Heftmann, e. (Ed.). Journal of chromatography library, vol. 51b.*

- Chromatography, 5th edition: fundamentals and applications of chromatography and related differential migration methods, part b. Applications.* Xxxii+630p. Elsevier science publishers b.v.: Amsterdam, netherlands New york, new york, usa. ISBN 0-444-88237-5.; 0: B513-b553.
Rejection Code: CHEM METHODS.
1029. Sherrod, D. W. and Wilson, H. P. (1989). Incidence and Control of Pest Insects in Conventional and No-Tillage Snap Beans. *J.Entomol.Sci.* 24: 161-167.
Rejection Code: MIXTURE.
1030. Shieh, W. J. and Geiger, D. (1996). Self-Limitation of Glyphosate Translocation. *Annual meeting of the american society of plant physiologists, san antonio, texas, usa, july 27-31, 1996. Plant physiology (rockville)* 111: 86.
Rejection Code: ABSTRACT.
1031. Shieh, W. J. and Geiger, D. R. (1990). The Effect of Glyphosate on Import Into a Sink Leaf of Sugar Beet. *Annual meeting of the american society of plant physiologists, indianapolis, indiana, usa, july 29-august 2, 1990. Plant physiol (bethesda)* 93: 120.
Rejection Code: ABSTRACT.
1032. Shieh, W. J., Geiger, D. R., and Buczynski, S. R. (1992). Distribution of N Phosphonomethylglycine in Quackgrass Rhizomes in Relation to Assimilate Accumulation. *Annual meeting of the american society of plant physiologists, pittsburgh, pennsylvania, usa, august 1-5, 1992. Plant physiol (bethesda)* 99: 41.
Rejection Code: ABSTRACT.
1033. Shieh, W. J., Geiger, D. R., and Servaites, J. C. (1991). Effect of N-(Phosphonomethyl)Glycine on Carbon Assimilation and Metabolism During a Simulated Natural Day. *Plant physiol (bethesda)* 97: 1109-1114.
Rejection Code: IN VITRO, FATE.
1034. Shields, E. J., Dauer, J. T., VanGessel, M. J., and Neumann, G. (2006). Horseweed (*Conyza Canadensis*) Seed Collected in the Planetary Boundary Layer. *Weed Science* 54: 1063-1067.
Rejection Code: SURVEY.
1035. Shinabarger, D. L. and Braymer, H. D. (1985). Oxidation of the Carbon-Phosphorus Bond Carbon of Glyphosate N Phosphonomethylglycine to Carbon Dioxide by *Pseudomonas-Sp Pg-2982*. *85th annual meeting of the american society for microbiology, las vegas, nev., Usa, mar. 3-7, 1985. Abstr annu meet am soc microbiol* 85: 266.
Rejection Code: BACTERIA.
1036. Shirai, N. , Momma, K., Ozawa, S., Hashimoto, W., Kito, M., Utsumi, S., and Murata, K. (1998). Safety Assessment of Genetically Engineered Food: Detection and Monitoring of Glyphosate-Tolerant Soybeans. *Bioscience biotechnology and biochemistry* 62: 1461-1464.
Rejection Code: NO TOX DATA.
1037. Shyr Y-Y, J., Caretto, S., and Widholm, J. M. (1993). Characterization of the Glyphosate Selection of Carrot Suspension Cultures Resulting in Gene Amplification. *Plant sci (limerick)* 88: 219-228.
Rejection Code: IN VITRO.
1038. Siciliano, S. D. and Germida, J. J. (1999). Taxonomic Diversity of Bacteria Associated With the Roots of Field-Grown Transgenic Brassica Napus Cv. Quest, Compared to the Non-Transgenic B. Napus Cv. Excel and B. Rapa Cv. Parkland. *FEMS Microbiology Ecology* 29: 263-272.
Rejection Code: BACTERIA.
1039. Siciliano, S. D., Theoret, C. M., De Freitas, J. R., Hucl, P. J., and Germida, J. J. (1998). Differences in the Microbial Communities Associated with the Roots of Different Cultivars of Canola and Wheat. *Can.J.Microbiol.* 44: 844-851.

- Rejection Code: NO TOX DATA.
1040. Sidhu, K. S. (1991). Standard Setting Processes and Regulations for Environmental Contaminants in Drinking Water: State Versus Federal Needs and Viewpoints. *Regul toxicol pharmacol* 13: 293-308.
Rejection Code: HUMAN HEALTH.
1041. Sidorov, V., Gilbertson, L., Addae, P., and Duncan, D. (2006). Agrobacterium-Mediated Transformation of Seedling-Derived Maize Callus. *Plant Cell Reports* 25: 320-328.
Rejection Code: IN VITRO.
1042. Siehl, D. L., Castle, L. A., Gorton, R., Chen, Y. H., Bertain, S., Cho, H. J., Keenan, R., Liu, D., and Lassner, M. W. (2005). Evolution of a Microbial Acetyltransferase for Modification of Glyphosate: a Novel Tolerance Strategy. *Pest Management Science* 61: 235-240.
Rejection Code: BACTERIA.
1043. Siimes, K. , Ra(dieresis)mo(dieresis), S., Welling, L., Nikunen, U., and Laitinen, P. (2006). Comparison of the Behaviour of Three Herbicides in a Field Experiment Under Bare Soil Conditions. *Agricultural Water Management* 84: 53-64.
Rejection Code: FATE.
1044. Siltanen, H. and Mutanen, R. (1985). Formation of Derivatives of Chlorophenoxy Acids and Some Other Herbicides. *Chromatographia* 20: 685-688.
Rejection Code: CHEM METHODS.
1045. Singer, S. R. and McDaniel, C. N. (1986). Analyzing Growth in Cell Cultures: II. Effect of Initial Cell Mass on Growth. *Can j bot* 64: 238-241.
Rejection Code: IN VITRO.
1046. Singh, B. K. (1996). Amino Acid Biosynthesis Inhibiting Herbicides as Research Tools in Plant Sciences. *211th american chemical society national meeting, new orleans, louisiana, usa, march 24-28, 1996. Abstracts of papers american chemical society* 211: Agro 22.
Rejection Code: ABSTRACT.
1047. Singh, C. M. and Kumar, S. (1992). Chemical Control on Oxalis-Latifolia and Residual Studies Through Bioassay Technique. *National symposium on maximising and sustaining crop and animal productivity by modern techniques, varanasi, india, october 14-17, 1992. J nucl agric biol* 21: 271-272.
Rejection Code: ABSTRACT.
1048. Singh, R. J. and Hymowitz, T. (1999). Soybean Genetic Resources and Crop Improvement. *Genome* 42: 605-616.
Rejection Code: NO TOX DATA.
1049. Singh, S. P. and Jalali, S. K. (1998). Impact of Pesticides on Natural Enemies of Agricultural Pests. *Dhaliwal, g. S., Et al. (Ed.). Ecological agriculture and sustainable development, vols. 1 and 2; international conference on ecological agriculture: towards sustainable development, chandigarh, india, november 15-17, 1997. Xxv+688p.(Vol. 1); xxiii+712p.(Vol. 2) indian ecological society: ludhiana, india; centre for research in rural and industrial development: chandigarh, india. ISBN 81-85835-38-1(vol. 1); isbn 81-85835-39-x(vol. 2). 0: 162-175.*
Rejection Code: REVIEW.
1050. Singh, S. P., Tera(acute)n, H., Mun(tilde)o^z, C. G., and Osorno, J. M. (2002). Selection for Seed Yield in Andean Intra-Gene Pool and Andean X Middle American Inter-Gene Pool Populations of Common Bean. *Euphytica* 127: 437-444.
Rejection Code: NO TOX DATA.
1051. Slack, C. H., Obermeier, M. R., Moreno, R. E., and Martin, J. R. (1997). Johnsongrass (Sorghum

- halepense (L.) Pers.) Control in Corn with Glufosinate and Glyphosate. *Abstr. Weed Sci. Soc. Am.* 37: 99 (ABS).
- Rejection Code: ABSTRACT/NOT PURSUING.
1052. Smart, C. C., Johaenning, D., Mueller, G., and Amrhein, N. (1985). Selective Overproduction of 5 Enolpyruvylshikimic-Acid 3-Phosphate Synthase in a Plant Cell Culture Which Tolerates High Doses of the Herbicide Glyphosate. *J biol chem* 260: 16338-16346.
Rejection Code: IN VITRO.
1053. Smeda, R. J. and Weller, S. C. (1991). Plant Cell and Tissue Culture Techniques for Weed Science Research. *Weed sci* 39: 497-504.
Rejection Code: REVIEW.
1054. Smiley, R. W., Uddin, W., and Rhinhart, K. El (1989). Rhizoctonia Root Rot of Barley Affected by Timing of Glyphosate Application. *Annual meeting of the american phytopathological society, richmond, virginia, usa, august 20-24, 1989. Phytopathology* 79: 1217.
Rejection Code: ABSTRACT.
1055. Smith, A. E. and Aubin, A. J. (1993). Degradation of Carbon-14 Glyphosate in Saskatchewan Soils. *Bull environ contam toxicol* 50: 499-505.
Rejection Code: FATE.
1056. Smith, B. C., Grue, C. E., Kohn, N. P., and Davis, J. P. (2003). The Effects of the Herbicide Rodeo on Pacific Oyster Gametogenesis and Tissue Accumulation. *J. Shellfish Res.* 22: 608 (ABS).
Rejection Code: ABSTRACT.
1057. Smith, E. A. and Oehme, F. W. (1992). The Biological Activity of Glyphosate to Plants and Animals a Literature Review. *Vet hum toxicol* 34: 531-543.
Rejection Code: REVIEW.
1058. Smith, E. A. and Oehme, F. W. (1991). A Review of Selected Herbicides and Their Toxicities. *Vet hum toxicol* 33: 596-608.
Rejection Code: REVIEW.
1059. Smith, E. A., Prues, S. L., and Oehme, F. W. (1996). Environmental Degradation of Polyacrylamides. I. Effects of Artificial Environmental Conditions: Temperature, Light, and Ph. *Ecotoxicology and Environmental Safety [ECOTOXICOL. ENVIRON. SAF.J. Vol. 35, no. 2, pp. 121-135. Nov 1996.*
Rejection Code: FATE.
1060. Smith, E. A., Prues, S. L., and Oehme, F. W. (1997). Environmental Degradation of Polyacrylamides. II. Effects of Environmental (Outdoor) Exposure. *Ecotoxicology and environmental safety* 37: 76-91.
Rejection Code: FATE.
1061. Smith, N. J., Martin, R. C., and St Croix Rg (1996). Levels of the Herbicide Glyphosate in Well Water. *Bulletin of environmental contamination and toxicology* 57: 759-765.
Rejection Code: FATE.
1062. Smyth, W. F. and Smyth, M. R. (1987). Electrochemical Analysis of Organic Pollutants. *Pure appl chem* 59: 245-256.
Rejection Code: CHEM METHODS.
1063. Soejima, A., Yahara, T., and Watanabe, K. (2001). Distribution and Variation of Sexual and Agamospermous Populations of Stevia (Asteraceae: Eupatorieae) in the Lower Latitudes, Mexico. *Plant Species Biology* 16: 91-105.
Rejection Code: SURVEY.
1064. Soerensen, F. W. and Gregersen, M. *. (1999). Rapid Lethal Intoxication Caused by the Herbicide

- Glyphosate-Trimesium (Touchdown). *Human & Experimental Toxicology [Hum. Exp. Toxicol.]*. Vol. 18, no. 12, pp. 735-737. Dec 1999.
- Rejection Code: HUMAN HEALTH.
1065. Sojda, R. S. and Solberg, K. L. (1993). Management and Control of Cattails. *U.S.Fish Wildl.Serv.Fish Wildl.Leaflet*. 13.4.13: 1-7.
Rejection Code: NO TOXICANT.
1066. Solomon, K. and Thompson, D. (2003). Ecological Risk Assessment for Aquatic Organisms From Over-Water Uses of Glyphosate. *Journal of Toxicology and Environmental Health, Part B: Critical Reviews* 6: 289-324.
Rejection Code: REVIEW.
1067. Sorensen, P. B., Mogensen, B. B., Gyldenkaerne, S., and Rasmussen, A. G. (1998). Pesticide Leaching Assessment Method for Ranking Both Single Substances and Scenarios of Multiple Substance Use. *Chemosphere* 36: 2251-2276.
Rejection Code: MODELING, FATE.
1068. Sosa, V. (1994). Bletia Greenwoodiana (Orchidaceae), a New Species From Durango, Mexico. *Brittonia* 46: 208-210.
Rejection Code: NO TOX DATA.
1069. Sost, D. and Amrhein, N. (1990). Substitution of Gly-96 to Ala in the 5-Enolpyruvylshikimate-3-Phosphate Synthase of Klebsiella Pneumoniae Results in a Greatly Reduced Affinity for the Herbicide Glyphosate. *Arch biochem biophys* 282: 433-436.
Rejection Code: BACTERIA.
1070. Soulas, G. (1992). Biological Availability of Pesticides in Soil 2 4-D and Glyphosate as Test Cases. *Anderson, j. P. E., Et al. (Ed.). Proceedings of the international symposium on environmental aspects of pesticide microbiology Symposium, sigtuna, sweden, august 17-21, 1992.* 337p. Department of microbiology swedish university of agricultural sciences: uppsala, sweden. Illus. Paper. ISBN 91-576-4609-0.; 0: 219-224 .
Rejection Code: FATE.
1071. Spann, K. P. and Hargreaves, P. A. (1994). The Determination of Glyphosate in Soils With Moderate to High Clay Content. *Pesticide science* 40: 41-48.
Rejection Code: FATE, METHODS.
1072. Sparks, B. D., Sundaram, A., Kotlyar, L., Leung, J. W. , and Curry, R. D. (1988). Physicochemical Properties Atomization and Deposition Patterns of Some Newtonian Spray Mixtures of Glyphosate Containing Two Spray Modifier Adjuvants. *J environ sci health part b pestic food contam agric wastes* 23: 235-266.
Rejection Code: CHEM METHODS.
1073. Spencer, P. S. (1999). Food Toxins, Ampa Receptors, and Motor Neuron Diseases. *Drug Metabolism Reviews [Drug Metab. Rev.J.]*. Vol. 31, no. 3, pp. 561-587. 1999.
Rejection Code : HUMAN HEALTH.
1074. Srivastava, M. G. (1987). Biotechnology - An Indian Perspective. *Pesticides (Bombay)* 21: 11-19.
Rejection Code: REFS CHECKED/REVIEW.
1075. Stalker, D. M. (1990). Developing Herbicide Resistance in Crops by Gene Transfer Technology. *Grierson, d. (Ed). Plant biotechnology, vol. 1. Plant genetic engineering.* X+267p. Routledge, chapman and hall: new york, new york, usa. Blackie and sons ltd.: Glasgow, scotland, uk. Illus. ISBN 0-412-02521-3; isbn 0-216-92914-8 0: 82-104.
Rejection Code: NO TOX DATA.

1076. Stalman, M., Koskamp, A. M., Luderer, R., Vernooy, J. H. J., Wind, J. C., Wullems, G. J., and Croes, A. F. (2003). Regulation of Anthraquinone Biosynthesis in Cell Cultures of *Morinda Citrifolia*. *Journal of Plant Physiology* 160: 607-614.
Rejection Code: IN VITRO.
1077. Steber, J. and Wierich, P. (1987). Properties of Aminotrimethyleneephosphonate Affecting Its Environmental Fate Degradability Sludge Adsorption Mobility in Soils and Bioconcentration. *Chemosphere* 16: 1323-1338.
Rejection Code: FATE.
1078. Steer Group Chem Aspects Food Surveill (1994). Great Britain Ministry of Agriculture Fisheries and Food Surveillance Paper No. 41. Steer Group on Chemical Aspects of Food Surveillance Annual Report 1993. *Steering group on chemical aspects of food surveillance. Great britain ministry of agriculture fisheries and food food surveillance paper, no. 41. Steering group on chemical aspects of food surveillance annual report, 1993. Xi+94p. Her majesty's stationery office (hmso): london, england, uk. ISBN 0-11-242970-x. 0: Xi+94p.*
Rejection Code: HUMAN HEALTH.
1079. Sten, E., Skov, P. S., Andersen, S. B., Torp, A. M., Olesen, A., Bindslev-Jensen, U., Poulsen, L. K., and Bindslev-Jensen, C. (2004). A Comparative Study of the Allergenic Potency of Wild-Type and Glyphosate-Tolerant Gene-Modified Soybean Cultivars. *APMIS* 112: 21-28.
Rejection Code: HUMAN HEALTH.
1080. Stenstrom, J. (1990). Kinetics and Effect of Moisture Content and Preincubation on the Decomposition of Carbon-14-Labeled Herbicides in Soil. *Toxic assess* 5: 15-28.
Rejection Code: FATE.
1081. Stetter, J. (1993). Trends in the Future Development of Pest and Weed Control an Industrial Point of View. *Regul toxicol pharmacol* 17: 346-370.
Rejection Code: HUMAN HEALTH.
1082. Stewart, M. J., Moar, J. J., Steenkamp, P., and Kokot, M. (1999). Findings in Fatal Cases of Poisoning Attributed to Traditional Remedies in South Africa. *Forensic science international* 101: 177-183.
Rejection Code: HUMAN HEALTH.
1083. Stimmann, M. W. and Ferguson, M. P. (1990). Progress Report Vice President's Task Force on Pest Control Alternatives Potential Pesticide Use Cancellations in California Usa. *Calif agric* 44: 12-16.
Rejection Code: NO TOX DATA.
1084. Stock, M., Hieke, M., Weidhase, R. A., and Schuette, H. R. (1991). Degradation of Glyphosate in Excised Leaves of Tobacco and Sugar Beet. *J plant physiol* 139: 171-174.
Rejection Code: FATE, IN VITRO.
1085. Stone Wesley W and Wilson John T (2006). Preferential Flow Estimates to an Agricultural Tile Drain With Implications for Glyphosate Transport. *Journal of Environmental Quality* 35: 1825-1835.
Rejection Code: FATE.
1086. Storm, D. L. (1994). Chemical Monitoring of California's Public Drinking Water Sources Public Exposures and Health Impacts. Wang, r. G. M. (Ed.). *Environmental science and pollution control series, 9. Water contamination and health: integration of exposure assessment, toxicology, and risk assessment.* Xiv+524p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. ISBN 0-8247-8922-9.; 0: 67-124.
Rejection Code: HUMAN HEALTH.
1087. Stover, F. S. (1990). Applications of Capillary Electrophoresis for Industrial Analysis. *Electrophoresis* 11: 750-756.
Rejection Code: METHODS.

1088. Stratton, G. W. (1987). The Effects of Pesticides and Heavy Metals Towards Phototrophic Microorganisms. *Hodgson, e. (Ed.). Reviews in environmental toxicology*, 3. Xi+287p. Elsevier science publishers b.v.: Amsterdam, netherlands (dist. In the usa and canada by elsevier science publishing co., Inc.: New york, new york, usa). Illus. Maps. ISBN 0-444-80902-3. 0: 71-148.
Rejection Code: REVIEW.
1089. Stratton, G. W. (1990). Effects of the Herbicide Glyphosate on Nitrification in Four Soils From Atlantic Canada. *Water air soil pollut* 51: 373-383.
Rejection Code: FATE.
1090. Stratton, G. W. and Stewart, K. E. (1991). Effects of the Herbicide Glyphosate on Nitrogen Cycling in an Acid Forest Soil. *Water air soil pollut* 60: 231-248.
Rejection Code: FATE.
1091. Stringam, G. R., Ripley, V. L., Love, H. K., and Mitchell, A. (2003). Transgenic Herbicide Tolerant Canola - the Canadian Experience. *Crop Science* 43: 1590-1593.
Rejection Code: NO TOX DATA.
1092. Strube, K. , Janke, D., Kappler, R., and Kristen, U. (1991). Toxicity of Some Herbicides to in Vitro Growing Tobacco Pollen Tubes (the Pollen Test). *Environ exp bot* 31: 217-222.
Rejection Code: IN VITRO.
1093. Studdert, V. P. (1985). Incidence of Poisoning in Dogs and Cats in Melbourne Australia. *Aust vet j* 62: 133-135.
Rejection Code: INCIDENT.
1094. Su, L. Y., Cruz, A. D., Moore, P. H., and Maretzki, A. (1991). Responses in Sugar Metabolism to Glyphosate Treatment of Sugarcane. *Annual meeting of the american society of plant physiologists, albuquerque, new mexico, usa, july 28-august 1, 1991. Plant physiol (bethesda)* 96: 98.
Rejection Code: ABSTRACT.
1095. Subramaniam, V. and Hoggard, P. E. (1988). Metal Complexes of Glyphosate. *J agric food chem* 36: 1326-1329.
Rejection Code: FATE.
1096. Sullivan, D. S. and Sullivan, T. P. (1997). Non-Target Impacts of the Herbicide Glyphosate. *Non-Target Impacts of the Herbicide Glyphosate, A Compendium of References and Abstracts, 4th Edition, Info.Rep.Appl.Mammal Res.Instit.,Summerland, B.C., Canada* 302 p.
Rejection Code: REVIEW.
1097. Sullivan, D. S. and Sullivan, T. P. (1997). Non-Target Impacts of the Herbicide Glyphosate. *Non-Target Impacts of the Herbicide Glyphosate, A Compendium of References and Abstracts, 4th Edition, Info.Rep.Appl.Mammal Res.Instit.,Summerland, B.C., Canada* 302 p.
Rejection Code: REVIEW.
1098. Sullivan, T. P. (1985). Effects of Glyphosate on Selected Species of Wildlife. *In: E.Grossbard and D.Atkinson (Eds.), The Herbicide Glyphosate, Butterworths, London* 186-199.
Rejection Code: REFS CHECKED/REVIEW.
1099. Sullivan, T. P. and Sullivan, D. S. (2003). Vegetation Management and Ecosystem Disturbance: Impact of Glyphosate Herbicide on Plant and Animal Diversity in Terrestrial Systems. *Environmental Reviews* 11: 37-59.
Rejection Code: REVIEW.
1100. Sundaram, A. and Sundaram, K. Ms (1995). A High-Performance Liquid Chromatographic Method to Determine Spreading and Penetration of Glyphosate Spray Droplets in Some Samplers Used in Forestry. *Journal of environmental science and health part b pesticides food contaminants and*

- agricultural wastes* 30: 49-72.
Rejection Code: CHEM METHODS.
1101. Sundaram, K. Ms and Curry, J. (1997). A Comparison of Uv and Fluorescence Detectors in the Liquid Chromatographic Analysis of Glyphosate Deposits After Post-Column Derivatization. *Journal of liquid chromatography & related technologies* 20: 511-524.
Rejection Code: CHEM METHODS.
1102. Suter, W., Hartmann, A., Poetter, F., Sagelsdorff, P., Hoffmann, P., and Martus, H. (2002). Genotoxicity Assessment of the Antiepileptic Drug Amp397, an Ames-Positive Aromatic Nitro Compound. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis [Mutat. Res.-Genet. Toxicol. Environ. Mutag.]*. Vol. 518, no. 2, pp. 181-194. 25 Jul 2002.
Rejection Code: HUMAN HEALTH, IN VITRO.
1103. Swietlik, D. (1988). The Effect of Three Surfactants on the Efficacy of Glyphosate Against Some Perennial Weeds. *85th annual meeting of the american society for horticultural science and the 33rd annual meeting of the canadian society for horticultural science, east lansing, michigan, usa, august 6-11, 1988. Hortscience* 23: 806.
Rejection Code: ABSTRACT.
1104. Swinehart, J. H. and Cheney, M. A. (1987). Interactions of Organic Pollutants with Gills of the Bivalve Molluscs *Anodonta californiensis* and *Mytilus californianus*: Uptake and Effect of Membrane Fluxes. II. *Comp.Biochem.Physiol.C* 88: 293-299.
Rejection Code: IN VITRO.
1105. Syversen, N. and Bechmann, M. (2004). Vegetative Buffer Zones as Pesticide Filters for Simulated Surface Runoff. *Ecological Engineering [Ecol. Eng.]*. Vol. 22, no. 3, pp. 175-184. May 2004.
Rejection Code: FATE.
1106. Syversen, N. and Bruen, M. (ed) (2005). Cold-Climate Vegetative Buffer Zones as Pesticide-Filters for Surface Runoff.
Rejection Code: FATE.
1107. Tadeo, J. L., Sanchez-Brunete, C., Perez, R. A., and Fernandez, M. D. (2000). Analysis of Herbicide Residues in Cereals, Fruits and Vegetables. *Journal of Chromatography A* 882: 175-191.
Rejection Code: CHEM METHODS.
1108. Talbot, A. R. (1989). Glyphosate Roundup Poisoning. *American academy of clinical toxicology, american association of poison control centers, american board of medical technology and the canadian association of poison control centers scientific meeting, atlanta, georgia, usa, october 11-15, 1989. Vet hum toxicol* 31: 378.
Rejection Code: HUMAN HEALTH.
1109. Talbot, A. R., Chen, Z. L., Goo, T. S., Huang, J. S., Wang, S. H., Shiaw, M. H., and Yang, S. F. (1990). Plasma Levels and Hemodynamics in Acute Glyphosate Poisoning. *American association of poison control centers, american academy of clinical toxicology, american board of medical toxicology, canadian association of poison control centers scientific meeting, tucson, arizona, usa, september 14-18, 1990. Vet hum toxicol* 32: 370.
Rejection Code: HUMAN HEALTH.
1110. Talbot, A. R., Shiaw, M. H., Huang, J. S., Yang, S. F. , Goo, T. S., Wang, S. H., Chen, C. L., and Sanford, T. R. (1991). Acute Poisoning With a Glyphosate-Surfactant Herbicide (Round-up): a Review of 93 Cases. *Hum exp toxicol* 10: 1-8.
Rejection Code: HUMAN HEALTH.
1111. Tamez-Guerra, P., Garcia-Gutierrez, C., Medrano-Roldan, H., Galan-Wong, L. J., and Sandoval-Coronado, C. F. (1999). Spray-Dried Microencapsulated *Bacillus Thuringiensis* Formulations for the

- Control of Epilachna Varivestis Mulsant. *Southwestern Entomologist* 24: 37-48.
Rejection Code: BIOLOGICAL TOXICANT.
1112. Tate, T. M., Jackson, R. N., and Christian, F. A. (2000). Effects of Glyphosate and Dalapon on Total Free Amino Acid Profiles of Pseudosuccinea columella Snails. *Bull.Environ.Contam.Toxicol.* 64: 258-262.
Rejection Code: NO DURATION.
1113. Tate, T. M., Jackson, R. N., and Christian, F. A. (2000). Effects of Glyphosate and Dalapon on Total Free Amino Acid Profiles of Pseudosuccinea Columella Snails. *Bull.Environ.Contam.Toxicol.* 64: 258-262.
Rejection Code: NO DURATION.
1114. Tayaputch, N. (1996). Present Aspects and Environmental Impacts of Pesticide Use in Thailand. *Journal of pesticide science* 21: 132-135.
Rejection Code: HUMAN HEALTH.
1115. Teal, J. M. and Peterson, S. (2005). The Interaction Between Science and Policy in the Control of Phragmites in Oligohaline Marshes of Delaware Bay. *Restor.Ecol.* 13: 223-227.
Rejection Code: REFS CHECKED/REVIEW.
1116. Temple, W. A. and Smith, N. A. (1992). Glyphosate Herbicide Poisoning Experience in New Zealand. *N z med j* 105: 173-174.
Rejection Code: HUMAN HEALTH.
1117. Tengel, C. , Schu(dieresis)ssler, P., Setzke, E., Balles, J., and Sprenger-Haussels, M. (2001). Pcr-Based Detection of Genetically Modified Soybean and Maize in Raw and Highly Processed Foodstuffs. *BioTechniques* 31: 426-429.
Rejection Code: CHEM METHODS.
1118. Ternan, N. G., Mcgarth, J. W., McMullan, G., and Quinn, J. P. (1998). Review: Organophosphonates: Occurrence, Synthesis and Biodegradation by Microorganisms. *World journal of microbiology & biotechnology* 14: 635-647.
Rejection Code: FATE.
1119. Terry, P. J., Adjers, G., Akobundu, I. O., Anoka, A. U., Drilling, M. E., Tjitrosemito, S., and Utomo, M. (1996-1997). Herbicides and Mechanical Control of Imperata Cylindrica as a First Step in Grassland Rehabilitation. *Agroforestry systems* 36: 151-179.
Rejection Code: REVIEW.
1120. Thamasara, S. (1989). Problems and Control of Aquatic Weeds in the Irrigation Systems of Thailand. *J.Aquat.Plant Manag.* 27: 37-40.
Rejection Code: NO TOX DATA.
1121. Thayer, J. S. (1988). Organometallic Chemistry an Overview. *Thayer, j. S. Organometallic chemistry: an overview. Xi+170p. Vch publishers, inc.: New york, new york, usa. Vch verlagsgesellschaft: weinheim, west germany. Illus. ISBN 0-89573-121-5; ISBN 3-527-26196-6. 0: Xi+170p.*
Rejection Code: CHEM METHODS, HUMAN HEALTH.
1122. Thomas, M. W., Judy, B. M., Lower, W. R., Krause, G. F., and Sutton, W. W. (1990). Time-Dependent Toxicity Assessment of Herbicide Contaminated Soil Using the Green Alga *Selenastrum capricornutum*. *Environ.Res.* 235-254.
Rejection Code: MIXTURE.
1123. Thomas, P. E. L. (1996). The Effect of Oxalis latifolia Competition in Maize. *S.Afr.J.Plant Soil* 8: 132-135.
Rejection Code: MIXTURE.

1124. Thompson, D. A. (1986). Use of Frigate With Glyphosate. *Annual meeting of the canadian pest management society, charlottetown, prince edward isl., Canada, june 23-26, 1985. Can j plant sci* 66: 203-204.
Rejection Code: ABSTRACT.
1125. Thompson, D. G., Cowell, J. E., Daniels, R. J., Staznik, B., and Macdonald, L. M. (1989). Liquid Chromatographic Method for Quantitation of Glyphosate and Metabolite Residues in Organic and Mineral Soils Stream Sediments and Hardwood Foliage. *J assoc off anal chem* 72: 355-360.
Rejection Code: CHEM METHODS, FATE.
1126. Thompson, D. G., Pitt, D. G., Buscarini, T. M., Staznik, B., and Thomas, D. R. (2000). Comparative Fate of Glyphosate and Triclopyr Herbicides in the Forest Floor and Mineral Soil of an Acadian Forest Regeneration Site. *Canadian Journal of Forest Research* 30: 1808-1816.
Rejection Code: FATE.
1127. Thompson, D. G., Pitt, D. G., Fleming, R. A., and Kettela, E. G. (1992). Glyphosate Efficacy on Eastern Canadian Forest Weeds: Part I. Experimental Design and on-Target Deposit. *Can j for res* 22: 1151-1159.
Rejection Code: METHODS.
1128. Thurman, E. M. and Meyer, M. T. (1996). Herbicide Metabolites in Surface Water and Groundwater Introduction and Overview. *Meyer, m. T. And e. M. Thurman (ed.). Acs symposium series, 630. Herbicide metabolites in surface water and groundwater. Symposium held during the 209th national meeting of the american chemical society, anaheim, california, usa, april 2-7, 1995. X+318p. American chemical society: washington, dc, usa. ISBN 0-8412-3405-1.* 630: 1-15.
Rejection Code: FATE.
1129. Tilquin, M., Peltier, J. P., and Marigo, G. (2000). Mechanisms for the Coupling of Iron and Glyphosate Uptake in Catharanthus Roseus Cells. *Pesticide Biochemistry and Physiology* 67: 145-154.
Rejection Code: IN VITRO.
1130. Tiourabaev, K. S., Schultz, M. T., McCarthy, M. K., Anderson, T. W., Weaver, M. B., Morgan, C. T., and Sands, D. C. (1995). Evaluation of Pathogenicity of Selected Glyphosate Tolerant Strains *Fusarium Oxysporum*. *Annual meeting of the american phytopathological association, pittsburgh, pennsylvania, usa, august 12-16, 1995. Phytopathology* 85: 1179.
Rejection Code: ABSTRACT.
1131. Toft, P. (1987). Guidelines for Canadian Drinking Water Quality. *Huck, p. M. And p. Toft (ed.). Treatment of drinking water for organic contaminants* Second national conference, edmonton, alberta, canada, april 7-8, 1986. Ix+383p. Pergamon press: new york, new york, usa; oxford, england, uk. Illus. Maps. ISBN 0-08-031876-2.; 0: 7-16.
Rejection Code: HUMAN HEALTH.
1132. Tombetta, E. E., Bianchi, A., and Legasa, A. (1983). Effects of the Herbicides Paraquat and Glyphosate Applied Before Harvest on Wheat (Efectos de los Herbicidas Paraquat y Glirosato Aplicados en Precosecha de Trigo). *Malezas* 11: 83,85-90 (SPA).
Rejection Code: NON-ENGLISH.
1133. Tominack, R. L., Yang, G. Y., Tsai, W. J., Chung, H. M., and Deng, J. F. (1991). Taiwan National Poison Center Survey of Glyphosate-Surfactant Herbicide Ingestions. *J toxicol clin toxicol* 29: 91-110.
Rejection Code: HUMAN HEALTH.
1134. Tomita, M. , Okuyama, T., Nigo, Y., Uno, B., and Kawai, S. (1991). Determination of Glyphosate and Its Metabolite, (Aminomethyl)Phosphonic Acid, in Serum Using Capillary Electrophoresis. *J chromatogr biomed appl* 571: 324-330.
Rejection Code: HUMAN HEALTH.

1135. Tomita, M. , Okuyama, T., Watanabe, S., Uno, B., and Kawai, S. (1991). High-Performance Liquid Chromatographic Determination of Glyphosate and (Aminomethyl)Phosphonic Acid in Human Serum After Conversion Into Rho-Toluenesulfonyl Derivatives. *J chromatogr biomed appl* 566: 239-243.
Rejection Code: HUMAN HEALTH.
1136. Tony, M. A., Butschke, A., Zagon, J., Broll, H., Schauzu, M., Awadalla, S. A., Hafez, H. M., and Flachowsky, G. (2003). Incidence of Genetically Modified Soyabean and Maize as Animal Feed in Egypt. *Journal of Animal and Feed Sciences* 12: 325-339.
Rejection Code: SURVEY.
1137. Torres, A. C., Nagata, R. T., Ferl, R. J., Bewick, T. A., and Cantliffe, D. J. (1999). In Vitro Assay Selection of Glyphosate Resistance in Lettuce. *J.Am.Soc.Hortic.Sci.* 124: 86-89.
Rejection Code: IN VITRO.
1138. Torres, A. C., Nagata, R. T., Ferl, R. J., Bewick, T. A., and Cantliffe, D. J. (1999). In Vitro Assay Selection of Glyphosate Resistance in Lettuce. *Journal of the American Society for Horticultural Science* 124: 86-89.
Rejection Code: IN VITRO.
1139. Torstensson, L., Bo(dieresis)rjesson, E., and Stenstro(dieresis)m, J. (2005). Efficacy and Fate of Glyphosate on Swedish Railway Embankments. *Pest Management Science*, 61 (9) pp. 881-886, 2005.
Rejection Code: FATE.
1140. Toth, D. and Tomasovicova, D. (1989). Ellis Horwood Series in Wastewater Technology Microbial Interactions With Chemical Water Pollution. *Toth, d. And d. Tomasovicova. Ellis horwood series in wastewater technology: microbial interactions with chemical water pollution. Xvi+176p. Ellis horwood ltd.: Chichester, england, uk (dist. In the usa and canda by halsted press: new york, new york, usa). Veda: bratislava, czechoslovakia. Illus. Maps. ISBN 0-7458-0195-1; isbn 0-470-21428-7; isbn 80-224-0008-4. 0: Xvi+176p.*
Rejection Code: SURVEY.
1141. Trainer, V. L. and Bill, B. D. (2004). Characterization of a Domoic Acid Binding Site From Pacific Razor Clam. *Aquatic Toxicology [Aquat. Toxicol.]*. Vol. 69, no. 2, pp. 125-132. 10 Aug 2004. 69: 125-132.
Rejection Code: BIOLOGICAL TOXICANT.
1142. Traxler, G. and Godoy-Avila, S. (2004). Transgenic Cotton in Mexico. *AgBioForum* 7: 57-62.
Rejection Code: REVIEW.
1143. Trevors, J. T. (1998). Bacteria Biodiversity in Soil With an Emphasis on Chemically-Contaminated Soils. *Water air and soil pollution* 101: 45-67.
Rejection Code: BACTERIA.
1144. Tricker, A. R., Spiegelhalder, B., and Preussmann, R. (1989). Environmental Exposure to Preformed Nitroso Compounds. *Cancer surv* 8: 251-272.
Rejection Code: HUMAN HEALTH.
1145. Trivedi, P. C. (1988). Interaction Between Herbicide and Nematode Diseases a Review. *J phytol res* 1: 1-14.
Rejection Code: REVIEW.
1146. Tsunoda, N. (1993). Simultaneous Determination of the Herbicides Glyphosate, Glufosinate and Bialaphos and Their Metabolites by Capillary Gas Chromatography-Ion-Trap Mass Spectrometry. *J chromatogr* 637: 167-173.
Rejection Code: CHEM METHODS.
1147. Tu, C. M. (1994). Effects of Herbicides and Fumigants on Microbial Activities in Soil.

- Bull.Environ.Contam.Toxicol.* 53: 12-17.
Rejection Code: BACTERIA.
1148. Tu, C. M. (1994). Effects of Herbicides and Fumigants on Microbial Activities in Soil. *Bulletin of environmental contamination and toxicology* 53: 12-17.
Rejection Code: BACTERIA.
1149. Tu, C. M. (1988). Effects of Selected Pesticides on Activities of Invertase, Amylase and Microbial Respiration in Sandy Soil. *Chemosphere* 17: 159-163.
Rejection Code: NO SPECIES.
1150. Tucci, M. A., Geiger, D. R., and Servaites, J. C. (1987). Glyphosate Effects on Carbon Assimilation in Sugar Beet Leaves. *Annual meeting of the american society of plant physiologists, st. Louis, missouri, usa, july 19-23, 1987. Plant physiol (bethesda)* 83: 8.
Rejection Code: ABSTRACT.
1151. Tucker, T. A., Langeland, K. A., and Corbin, F. T. (1994). Absorption and Translocation of 14c-Imazapyr and 14c-Glyphosate in Alligatorweed Alternanthera Philoxeroides. *Weed technology* 8: 32-36.
Rejection Code: FATE.
1152. Tuffi Santos, L. D., Meira, R. M. S. A., Santos, I. C., and Ferreira, F. A. (2004). Effect of Glyphosate on the Morpho-anatomy of Leaves and Stems of C. diffusa and C. benghalensis (Efeito do Glyphosate Sobre a Morfoanatomia das Folhas e do Caule de Commelina Diffusa e C. benghalensis). *Planta Daninha* 22: 101-107 (POR) (ENG ABS).
Rejection Code: NON-ENGLISH.
1153. Tuffi Santos, L. D., Meira, R. M. S. A., Santos, I. C., and Ferreira, F. A. (2004). Effect of Glyphosate on the Morpho-Anatomy of Leaves and Stems of C. Diffusa and C. Benghalensis (Efeito Do Glyphosate Sobre a Morfoanatomia Das Folhas E Do Caule De Commelina Diffusa E C. Benghalensis). *Planta Daninha* 22: 101-107 (POR) (ENG ABS).
Rejection Code: NON-ENGLISH.
1154. Tuinstra, L. G Mt and Kienhuis, P. Gm (1987). Automated Two-Dimensional Hplc Residue Procedure for Glyphosate on Cereals and Vegetables With Postcolumn Fluorogenic Labelling. *Eleventh international symposium on column liquid chromatography, amsterdam, netherlands, june 28-july 3, 1987. Chromatographia* 24: 696-700.
Rejection Code: CHEM METHODS.
1155. Turner, B. L. (2002). A New Species of Senecio (Asteraceae) From Durango, Mexico. *SIDA, Contributions to Botany* 20: 175-177.
Rejection Code: NO TOX DATA.
1156. Turner, M. G. and Scholey, J. M. (1985). Mixture B a Surfactant Additive for Improving Bracken Control by Herbicides. *Brockman, j. S. (Ed.). British crop protection council monograph, no. 29. Weeds, pests and diseases of grassland and herbage legumes; bgs (british grassland society) occasional symposium no. 18, nottingham, england, april 10-12, 1985. Xiii+318p. British crop protection council: croydon, england. Illus. Paper. ISBN 0-901436-88-7. 0: 284-285.*
Rejection Code: ABSTRACT.
1157. Tworkoski, T. J. and Glenn, D. M. (1999). Response of Mature Peach Trees to Grass Competition. *96th annual international conference of the american society for horticultural science, minneapolis, minnesota, usa, july 27-31, 1999.yhortscience* 34: 494.
Rejection Code: ABSTRACT.
1158. Tyler, C., Pullin, A. S., and Stewart, G. B. (2006). Effectiveness of Management Interventions to Control Invasion by Rhododendron Ponticum. *Environmental Management* 37: 513-522.

- Rejection Code: REVIEW.
1159. Undabeytia, T., Cheshire, M. V., and Mcphail, D. (1996). Interaction of the Herbicide Glyphosate With Copper in Humic Complexes. *Chemosphere* 32: 1245-1250.
Rejection Code: FATE.
1160. Ungless, M. A., Whistler, J. L., Malenka, R. C., and Bonci, A. *. (2001). Single Cocaine Exposure in Vivo Induces Long-Term Potentiation in Dopamine Neurons. *Nature* 411: 583-587.
Rejection Code: HUMAN HEALTH.
1161. Uri, N. D. (1997). A Note on the Development and Use of Pesticides. *Science of the total environment* 204: 57-74.
Rejection Code: NO TOX DATA.
1162. Utkhede, R. S. and Hogue, E. J. (1998). Influence of Herbicides on the Development of Phytophthora Crown and Root Rot of Apple Trees. *Annual meeting of the canadian phytopathological society, winnipeg, manitoba, canada, july 1997. Canadian journal of plant pathology* 20: 131.
Rejection Code: ABSTRACT.
1163. Vaccari, A. and Saba, P. (1995). The Tyramine-Labelled Vesicular Transporter for Dopamine: a Putative Target of Pesticides and Neurotoxins. *European journal of pharmacology environmental toxicology and pharmacology section 4*: 309-314.
Rejection Code: IN VITRO.
1164. Van Apeldoorn, E. and Van Hoeven, P. H. (1998). Aminomethylphosphonic Acid (AMPA). In: *Draft, Pesticide Residues in Food - 1997, Joint Meet.of the FAO Panel of Experts on Pesticide Residues in Food and the Environ.and the WHO Core Assess.Group, Sept.22-Oct.1, 1997, World Health Org., Geneva, Switzerland* 31-42.
Rejection Code: REFS CHECKED/REVIEW.
1165. Van Boxtel, J., Eskes, A., and Berthouly, M. (1997). Glufosinate as an Efficient Inhibitor of Callus Proliferation in Coffee Tissue. *In Vitro Cellular and Developmental Biology - Plant* 33: 6-12.
Rejection Code: IN VITRO.
1166. Van, D. E. N. Berg R and Van, D. E. R. Linden T Ma (1994). Agricultural Pesticides and Groundwater. Zoller, u. (Ed.). *Environmental science and pollution control series, II. Groundwater contamination and control. Xii+712p. Marcel dekker, inc.: New york, new york, usa Basel, switzerland. ISBN 0-8247-8991-1.; 11: 293-313.*
Rejection Code: HUMAN HEALTH.
1167. Van, D. E. R. Werf H Mg and Zimmer, C. (1998). An Indicator of Pesticide Environmental Impact Based on a Fuzzy Expert System. *Chemosphere* 36: 2225-2249.
Rejection Code: METHODS.
1168. Van Emon Jm and Mumma, R. O. (1990). Acs American Chemical Society Symposium Series No. 442 Immunochemical Methods for Environmental Analysis 198th National Meeting Miami Beach Florida Usa September 10-15 1989. Van emon, j. M. And r. O. Mumma (ed.). Acs (american chemical society) symposium series, no. 442. *Immunochemical methods for environmental analysis. 198th national meeting, miami beach, florida, usa, september 10-15, 1989. X+229p. American chemical society: washington, d.c., Usa. Illus. ISBN 0-8412-1875-7. 0: X+229p.*
Rejection Code: HUMAN HEALTH.
1169. Van Evert, F. K., Van Der Heijden GWAM, Lotz, L. A. P., Polder, G., Lamaker, A., De Jong, A., Kuyper, M. C., Groendijk, E. J. K., Neeteson, J. J., and Van Der Zalm, T. (2006). A Mobile Field Robot With Vision-Based Detection of Volunteer Potato Plants in a Corn Crop. *Weed Technology* 20: 853-861.
Rejection Code: METHODS.

1170. Van Hoef, A. M. A., Kok, E. J., Bouw, E., Kuiper, H. A., and Keijer, J. (1998). Development and Application of a Selective Detection Method for Genetically Modified Soy and Soy-Derived Products. *Food Additives and Contaminants* 15: 767-774.
Rejection Code: METHODS.
1171. Van Roggen Pm, Kirkwood, R. C., and Boyd, P. A. (1992). Developing Herbicide Tolerance in Peas in-Vitro Selection. *Meeting of the physicochemical and biophysical panel of the sci pesticides group, london, england, uk, march 26, 1991. Pestic sci* 34: 96.
Rejection Code: ABSTRACT.
1172. Van Sickle, B. J., Cox, A. S., Schak, K., Greenfield, L. J. Jr, and Tietz, E. I. *. (2002). Chronic Benzodiazepine Administration Alters Hippocampal Ca1 Neuron Excitability: Nmda Receptor Function and Expression. *Neuropharmacology* 43: 595-606.
Rejection Code: HUMAN HEALTH, IN VITRO.
1173. Vanderschuren Louk JMJ, Di Ciano Patricia, and Everitt Barry J (2005). Involvement of the Dorsal Striatum in Cue-Controlled Cocaine Seeking. *Journal of Neuroscience* 25: 8665-8670.
Rejection Code: HUMAN HEALTH.
1174. Vanover, K. E. (1997). Effects of Ampa Receptor Positive Modulators on Amphetamine- and Dizocilpine-Induced Locomotion. *European Journal of Pharmacology [EUR. J. PHARMACOL.]*. Vol. 332, no. 2, pp. 115-119. Aug 1997.
Rejection Code: HUMAN HEALTH.
1175. Vasiluk, L., Pinto, L. J., and Moore, M. M. (2005). Oral Bioavailability of Glyphosate: Studies Using Two Intestinal Cell Lines. *Environmental Toxicology and Chemistry [Environ. Toxicol. Chem.]*. Vol. 24, no. 1, pp. 153-160. Jan 2005.
Rejection Code: IN VITRO.
1176. Vasquez-Arroyo, J., Sessitsch, A., Martinez, E., and Pena-Cabriales, J. J. (1998). Nitrogen Fixation and Nodule Occupancy by Native Strains of Rhizobium on Different Cultivars of Common Bean (*Phaseolus Vulgaris L.*). *Plant and Soil* 204: 147-154.
Rejection Code: BACTERIA.
1177. Velini, E. D., Trindade, M. L. B., Alves, E., Cata(circumflex)neo, A. C., Marino, C. L., de Godoy Maia, I., Mori, E. S., Furtado, E. L., Guerrini, I. A., and Wilcken, C. F. (2005). Eucalyptus Ests Associated With Resistance to Herbicide Inhibitors of Aromatic and Branched-Chain Amino Acid Synthesis. *Genetics and Molecular Biology* 28: 575-581.
Rejection Code: NO TOX DATA.
1178. Verrell, P. and Van Buskirk, E. (2004). As the Worm Turns: *Eisenia fetida* Avoids Soil Contaminated by a Glyphosate-Based Herbicide. *Bull. Environ. Contam. Toxicol.* 72: 219-224.
Rejection Code: MIXTURE.
1179. 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.
Rejection Code : FATE.
1180. Vighi, M., Garlenda, M. M., and Calamari, D. (1991). Qsars for Toxicity of Organophosphorous Pesticides to Daphnia and Honeybees. *Fourth international workshop on qsar (quantitative structure-activity relationships) in environmental toxicology, veldhoven, netherlands, september 16-20, 1990. Sci total environ* 109-110: 605-622.
Rejection Code: QSAR.
1181. Villa, M. V., Sanchez-Martin, M. J., and Sanchez-Camazano, M. (1999). Hydrotalcites and Organo-Hydrotalcites as Sorbents for Removing Pesticides From Water. *Journal of environmental science and*

- health part b pesticides food contaminants and agricultural wastes* 34: 509-525.
Rejection Code: FATE.
1182. Villanueva-Diaz, J., Luckman, B. H., Stahle, D. W., Therrell, M. D., Cleaveland, M. K., Cerano-Paredes, J., Gutierrez-Garcia, G., Estrada-Avalos, J., and Jasso-Ibarra, R. (2005). Hydroclimatic Variability of the Upper Nazas Basin: Water Management Implications for the Irrigated Area of the Comarca Lagunera, Mexico. *Dendrochronologia* 22: 215-223.
Rejection Code: SURVEY.
1183. Villarreal, J. A. Q. (1996). A New Subspecies of Gentianella Heterosepala (Gentianaceae) From Mexico. *SIDA, Contributions to Botany* 17: 111-114.
Rejection Code: NO TOX DATA.
1184. Villarreal, J. A. Q. (1998). Ruellia Jimulcensis (Acanthaceae), a New Species From the Chihuahuan Desert Area, Mexico. *SIDA, Contributions to Botany* 18: 223-226.
Rejection Code: NO TOX DATA.
1185. Villarroel, D. A., Baird, R. E., Trevathan, L. E., Watson, C. E., and Scruggs, M. L. (2004). Pod and Seed Mycoflora on Transgenic and Conventional Soybean [Glycine max (L.) Merrill] Cultivars in Mississippi. *Mycopathologia* 157: 207-215.
Rejection Code: NO TOX DATA.
1186. Viragh, K. and Gerencser, L. (1988). Seed Bank in the Soil and Its Role During Secondary Successions Induced by Some Herbicides in a Perennial Grassland Community. *Acta bot hung* 34: 77-122.
Rejection Code: SURVEY.
1187. Vogeli-Lange, R., Hollander-Czytko, H., and Amrhein, N. (1989). Characterization and Subcellular Compartmentation of Acid Phosphatases in Glyphosate-Treated Buckwheat Cell Cultures. *Plant sci (shannon)* 64: 259-266.
Rejection Code: IN VITRO.
1188. Vogt, C. and Cotruvo, J. (1987). Drinking Water Standards Their Derivation and Meaning. *D'itri, f. M. And l. G. Wolfson. Rural groundwater contamination. Xix+416p. Lewis publishers, inc.: Chelsea, michigan, usa. Illus. ISBN 0-87371-100-9. 0: 213-224.*
Rejection Code: HUMAN HEALTH.
1189. Von Wieren-Lehr S, Komossa, D., Glaessgen, W. E., Sandermann, H. Jr, and Scheunert, I. (1997). Mineralization of (14c)Glyphosate and Its Plant-Associated Residues in Arable Soils Originating From Different Farming Systems. *Pesticide science* 51: 436-442.
Rejection Code: FATE.
1190. Von Wieren-Lehr, S., Komossa, D., Glassgen, W. E., Sandermann, H. Jr., and Scheunert, I. (1997). Mineralization of [14C]Glyphosate and Its Plant-Associated Residues in Arable Soils Originating from Different Farming Systems. *Pestic.Sci.* 51: 436-442.
Rejection Code: FATE/IN VITRO.
1191. Vough, L. R. and Decker, A. M. (1983). No-Till Pasture Renovation. *Journal of Soil and Water Conservation* 38: 222-223.
Rejection Code: METHODS.
1192. Vreeken, R. J., Speksnijder, P., Bobeldijk-Pastorova, I., and Noij, T. Hm (1998). Selective Analysis of the Herbicides Glyphosate and Aminomethylphosphonic Acid in Water by on-Line Solid-Phase Extraction-High-Performance Liquid Chromatography-Electrospray Ionization Mass Spectrometry. *Journal of chromatography a* 794: 187-199.
Rejection Code: CHEM METHODS.

1193. W, H. O. (1994). Environmental Health Criteria 159. Glyphosate. *Who. Environmental health criteria, 159. Glyphosate. 177p. Who: geneva, switzerland. ISBN 92-4-157159-4.* 0: 177p.
Rejection Code: FATE.
1194. Wade, P. M. (1982). The Long Term Effects of Herbicide Treatment on Aquatic Weed Communities. *In: Proc.EWRS 6th Symp.on Aquatic Weeds* 278-285.
Rejection Code: SURVEY.
1195. Wagner, S. L. (1990). Pesticide Illness Surveillance Review of the National Pesticide Hazard Assessment Program. *Technical workshop of the conference on agricultural occupational and environmental health: policy strategies for the future, iowa city, iowa, usa Des moines, iowa, usa, september 17-30, 1988. Am j ind med; 18: 307-312.*
Rejection Code: HUMAN HEALTH.
1196. Wahl, P., Frandsen, A., Madsen, U., Schousboe, A., and Krogsgaard-Larsen, P. *. (1998). Pharmacology and Toxicology of Atoa, an Ampa Receptor Antagonist and a Partial Agonist at Glur5 Receptors. *Neuropharmacology [Neuropharmacology]. Vol. 37, no. 10-11, pp. 1205-1210. Oct-Nov 1998.*
Rejection Code: IN VITRO.
1197. Waite, J. J. and Thal, L. J. (1996). Lesions of the Cholinergic Nuclei in the Rat Basal Forebrain: Excitotoxins Vs. An Immunotoxin. *Life Sciences [LIFE SCI.]. Vol. 58, no. 22, pp. 1947-1953. 1996.*
Rejection Code: BIOLOGICAL TOXICANT.
1198. Wakabayashi, K. and Boeger, P. (1995). Peroxidizing Herbicides Ii Structure-Activity Relationship and Molecular Design. *Zeitschrift fuer naturforschung section c journal of biosciences* 50: 591-601.
Rejection Code: MODELING.
1199. Walker, J. D. (1990). Effects of Chemicals on Microorganisms. *Res j water pollut control fed* 62: 618-624.
Rejection Code: REVIEW.
1200. 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: 79-91.
Rejection Code: REVIEW.
1201. Walsh, L. P., McCormick, C., Martin, C., and Stocco, D. M. *. (2000). Roundup Inhibits Steroidogenesis by Disrupting Steroidogenic Acute Regulatory (Star) Protein Expression. *Environmental Health Perspectives [Environ. Health Perspect.]. Vol. 108, no. 8, pp. 769-776. Aug 2000.*
Rejection Code: HUMAN HEALTH.
1202. Walsh, L. P. and Stocco, D. M. (1998). The Effects of Roundup and Dimethoate on Steroidogenesis and Steroidogenic Acute Regulatory Star Protein in Mouse Ma-10 Leydig Cells. *Thirty-first annual meeting of the society for the study of reproduction, college station, texas, usa, august 8-11, 1998. Biology of reproduction* 58: 182.
Rejection Code: IN VITRO.
1203. 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: FATE.
1204. Wang, J. X., Zhao, F. Y., and Xu, P. (2006). Use of Aroa-M1 as a Selectable Marker for Brassica Napus Transformation. *Crop Science, 46 (2) pp. 706-711, 2006.*
Rejection Code: IN VITRO.

1205. Wang, W. Y. (1992). Survey of Eucalyptus Diseases in Taiwan. *Bull taiwan for res inst new ser* 7: 179-188 .
Rejection Code: SURVEY.
1206. Wang, Y., Jones, J. D., Weller, S. C., and Goldsbrough, P. B. (1991). Expression and Stability of Amplified Genes Encoding 5-Enolpyruvylshikimate-3-Phosphate Synthase in Glyphosate-Tolerant Tobacco Cells. *Plant mol biol* 17: 1127-1138.
Rejection Code: IN VITRO.
1207. Wang, Y. S., Yen, J. H., Hsieh, Y. N., and Chen, Y. L. (1994). Dissipation of 2,4-D Glyphosate and Paraquat in River Water. *Water Air Soil Pollut* 72 : 1-7.
Rejection Code: NO SPECIES.
1208. Wang Yei-Shung, Yen Jui-Hung, Hsieh Yar-Ning, and Chen Yun-Lin (1994). Dissipation of 2,4-D Glyphosate and Paraquat in River Water. *Water, Air, & Soil Pollution [WATER, AIR, SOIL POLLUT.J. Vol. 72, no. 1-4, pp. 1-7. 1994.*
Rejection Code: FATE.
1209. Wang Yu-jun, Zhou Dong-mei*, Luo Xiao-san, Sun Rui-juan, and Chen Huai-man (2004). Cadmium Adsorption in Montmorillonite as Affected by Glyphosate. *Journal of Environmental Sciences (China) [J. Environ. Sci. (China)]. Vol. 16, no. 6, pp. 881-884. 2004.*
Rejection Code: FATE.
1210. Wardle, D. A. and Parkinson, D. (1990). Effects of Three Herbicides on Soil Microbial Biomass and Activity. *Plant soil* 122: 21-28.
Rejection Code: FATE.
1211. Wardle, D. A. and Parkinson, D. (1991). Relative Importance of the Effect of 2,4-D, Glyphosate, and Environmental Variables on the Soil Microbial Biomass. *Plant soil* 134: 209-220.
Rejection Code: BACTERIA.
1212. Watanabe, C. M. H., Wolffram, S., Ader, P., Rimbach, G., Packer, L., Maguire, J. J., Schultz, P. G., and Gohil, K. (2001). The in Vivo Neuromodulatory Effects of the Herbal Medicine Ginkgo Biloba. *Proceedings of the National Academy of Sciences of the United States of America, 98 (12) pp. 6577-6580, 2001.*
Rejection Code: HUMAN HEALTH.
1213. Watson, J. E. (1996). Pesticides as a Source of Pollution. *Pepper, i. L., C. P. Gerba and m. L. Brusseau (ed.). Pollution science. Xxiv+397p. Academic press, inc.: San diego, california, usa London, england, uk. Isbn 0-12-550660-0.; 0: 253-266.*
Rejection Code: FATE.
1214. Way, M. O. and Wallace, R. G. (1995). Evaluation of Selected Formulations of Bacillus Thuringiensis for Soybean Insect Pest Control. *Burditt, a. K. Jr. (Ed.). Arthropod management tests, vol. 20. Iii+399p. Entomological society of america: lanham, maryland, usa. Isbn 0-938522-53-1. 0: 245-246.*
Rejection Code: BIOLOGICOL TOXICANT.
1215. Weaver, S. E. (2001). The Biology of Canadian Weeds. 115. Conyza Canadensis. *Canadian Journal of Plant Science* 81: 867-875.
Rejection Code: SURVEY.
1216. Weber, J. B. (1991). Fate and Behavior of Herbicides in Soils. *Appl plant sci* 5: 27-41.
Rejection Code: FATE.
1217. Weber, J. B., Best, J. A., and Gonese, J. U. (1993). Bioavailability and Bioactivity of Sorbed Organic Chemicals. *Sssa special publication* 0: 153-196.
Rejection Code: FATE.

1218. Weber, M., Dietrich, D., Gra(dieresis)sel, I., Reuter, G., Seifert, G., and Steinha(dieresis)user, C. (2001). 6-Hydroxypyridine Acid and Pyridine Acid Differently Antagonise AMPA and NMDA Receptors in Hippocampal Neurones. *Journal of Neurochemistry* 77: 1108-1115.
Rejection Code: IN VITRO.
1219. Webster, T. M., Burton, M. G., Culpepper, A. S., York, A. C., and Prostko, E. P. (2005). Tropical Spiderwort (*Commelinaceae*): a Tropical Invader Threatens Agroecosystems of the Southern United States. *Weed Technology* 19: 501-508.
Rejection Code: REVIEW.
1220. Wechsler, L. S., Checkoway, H., Franklin, G. M., and Costa, L. G. (1991). A Pilot Study of Occupational and Environmental Risk Factors of Parkinson's Disease. *Eighth international neurotoxicology conference, little rock, arkansas, usa, october 1-4, 1990. Neurotoxicology(little rock)* 12: 387-392.
Rejection Code: HUMAN HEALTH.
1221. Wecker, M. (2005). Using a GIS Application to Integrate Biological Control Into the Integrated Weed Management Program for *Spartina alterniflora* in Willapa Bay, Washington. *Coastal GeoTools '05, Myrtle Beach, SC (USA), 7-10 Mar 2005, NOAA Coastal Services Center, 2234 South Hobson Avenue Charleston SC 29405-2413 USA, [URL: http://www.csc.noaa.gov/]*.
Rejection Code: METHODS, SURVEY.
1222. Werth, J. A., Preston, C., Roberts, G. N., and Taylor, I. N. (2006). Weed Management Practices in Glyphosate-Tolerant and Conventional Cotton Fields in Australia. *Australian Journal of Experimental Agriculture* 46: 1177-1183.
Rejection Code: SURVEY.
1223. Wester, R. C., Melendres, J., Sarason, R., McMaster, J., and Maibach, H. I. (1994). Glyphosate Skin Binding, Absorption, Residual Tissue Distribution, and Skin Decontamination.
Rejection Code: HUMAN HEALTH.
1224. Wester, R. C., Melendres, J., Serranzana, S., and Maibach, H. I. (1994). Time-Response Necessary in Validation for Extraction of Pesticides From Cloth Patches Used in Field Exposure Studies. *Archives of environmental contamination and toxicology* 27: 276-280.
Rejection Code: METHODS.
1225. Wester, R. C., Quan, D., and Maibach, H. I. (1996). In Vitro Percutaneous Absorption of Model Compounds Glyphosate and Malathion From Cotton Fabric Into and Through Human Skin. *Food and Chemical Toxicology*. Vol. 34, no. 8, pp. 731-735. Aug 1996.
Rejection Code: HUMAN HEALTH.
1226. Weston, L. A. and Scott, J. E. (1989). Cover Crop and Herbicide Effect on Seedling Establishment in No-Till Systems. *86th annual meeting of the american society for horticultural science, tulsa, oklahoma, usa, july 29-august 3, 1989. Hortscience* 0: 94.
Rejection Code: ABSTRACT.
1227. Westwood, J. H., Yerkes, C. N., and Weller, S. C. (1993). Differential Glyphosate Sensitivity in Biotypes of Field Bindweed *Convolvulus-Arvensis* L. Physiology and Genetic Analysis. *Joint annual meeting of the american society of plant physiologists and the canadian society of plant physiologists (la societe canadienne de physiologie vegetale), minneapolis, minnesota, usa, july 31-august 4, 1993. Plant physiol (rocky)* 102: 55.
Rejection Code: ABSTRACT.
1228. White, R. E. and Kookana, R. S. (1998). Measuring Nutrient and Pesticide Movement in Soils: Benefits for Catchment Management. *Australian journal of experimental agriculture* 38: 725-743.
Rejection Code: FATE.

1229. 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.
Rejection Code: MIXTURE.
1230. Widholm, J. M. (1987). Selected Gene Amplification a Review. *Xivth international botanical congress, berlin, west germany, july 24-august 1, 1987. Int bot congr abstr* 17: 152.
Rejection Code: REVIEW.
1231. Widholm, J. M., Chinnala, A. R., Ryu, J. H., Song, H. S., Eggett, T., and Brotherton, J. E. (2001). Glyphosate Selection of Gene Amplification in Suspension Cultures of 3 Plant Species. *Physiologia Plantarum* 112: 540-545.
Rejection Code: IN VITRO.
1232. Wien, H. C. (1990). Colloquium on Sustainable Commercial Vegetable Production With Minimal Use of Synthetic Fertilizers and Pesticides Held at the 85th American Society for Horticultural Science Annual Meeting East Lansing Michigan Usa August 9 1988. *Hortscience* 25: 154-171.
Rejection Code: NO TOX DATA.
1233. Wigfield, Y. Y. and Lanouette, M. (1991). A Modified Clean-up for the Determination of Glyphosate and Its Metabolite Residues in Lentils Using High Pressure Liquid Chromatography and Post-Column Fluorogenic Labelling. *Pestic sci* 33: 491-498.
Rejection Code: CHEM METHODS.
1234. Wigfield, Y. Y. and Lanouette, M. (1991). Residue Analysis of Glyphosate and Its Principal Metabolite in Certain Cereals, Oilseeds, and Pulses by Liquid Chromatography and Postcolumn Fluorescence Detection. *J assoc off anal chem* 74: 842-847.
Rejection Code: CHEM METHODS.
1235. Wigfield, Y. Y. and Lanouette, M. (1990). Simplified Liquid Chromatographic Determination of Glyphosate and Metabolite Residues in Environmental Water Using Post-Column Fluorogenic Labelling. *Anal chim acta* 233: 311-314.
Rejection Code: CHEM METHODS, FATE.
1236. Wijnands, F. G. (1997). Integrated Crop Protection and Environment Exposure to Pesticides: Methods to Reduce Use and Impact of Pesticides in Arable Farming. *European journal of agronomy* 7: 251-260.
Rejection Code: FATE.
1237. Wilcut, J. W., Wehtje, G. R., Colvin, D. L., and Patterson, M. G. (1987). Economic Assessment of Herbicide Systems for Minimum-Tillage Peanuts. *Peanut Sci.* 14: 83-86.
Rejection Code: MIXTURE.
1238. Wilding, J. (1999). Aquatic Weed Control in Irrigation. *Plant Prot.Q.* 14: 79-80.
Rejection Code: REFS CHECKED/REVIEW.
1239. William, S. I. (1995). Ten-Year Development of Douglas-Fir and Associated Vegetation After Different Site Preparation on Coast Range Clearcuts. *U s forest service research paper pnw* 0: 1-115.
Rejection Code: REVIEW.
1240. Williams, J. M., Stafford, D., and Steketee, J. D. (2005). Effects of Repeated Inhalation of Toluene on Ionotropic Gaba Sub(a) and Glutamate Receptor Subunit Levels in Rat Brain. *Neurochemistry International [Neurochem. Int.]*. Vol. 46, no. 1, pp. 1-10. Jan 2005.
Rejection Code: INHALE.
1241. Willis, C. L., Meldrum, B. S., Nunn, P. B., Anderton, B. H., and Leigh, P. N. (1993). Neuronal Damage Induced by Beta -N-Oxylamino-L-Alanine, in the Rat Hippocampus, Can Be Prevented by a Non-Nmda Antagonist, 2,3-Dihydroxy-6-Nitro-7-Sulfamoyl Benzo(F)Quinoxaline. *Brain Research*

[BRAIN RES.]. Vol. 627, no. 1, pp. 55-62. 1993.

Rejection Code: BIOLOGICAL TOXICANT.

1242. Willoughby, I. and Dewar, J. (1995). Forestry Commission Field Book No. 8. The Use of Herbicides in the Forest 1995. *Willoughby, i. And j. Dewar. Forestry commission field book, no. 8. The use of herbicides in the forest 1995. Viii+318p. Hmso: forestry commission: farnham, england, uk. Isbn 0-11-710330-6. 0: Viii+318p.*
Rejection Code: REVIEW.
1243. Wimberley, D. N. and Berk, S. G. (1991). Microplate Analysis of Dehydrogenase Activity in Protozoa a Rapid Aquatic Toxicity Assay. In: *91st Gen.Meet.of the Am.Soc.for Microbiol., May 5-9, 1991, Dallas, TX, Abstr.Gen.Meet.Am.Soc.Microbiol.* 91: 321.
Rejection Code: ABSTRACT/NOT PURSUING.
1244. Winter, C. K. and Kurtz, P. H. (1985). Factors Influencing Grape Worker Susceptibility to Skin Rashes. *Bull environ contam toxicol* 35: 418-426.
Rejection Code: HUMAN HEALTH.
1245. Wisniewska, J. and Prokopy, R. J. (1997). Pesticide Effect on Faunal Composition, Abundance, and Body Length of Spiders (Araneae) in Apple Orchards. *Environ.Entomol.* 26: 763-776.
Rejection Code: MIXTURE/NO CONC.
1246. Woo, Y. T. , Lai, D. Y., Argus, M. F., and Arcos, J. C. (1996). Carcinogenicity of Organophosphorus Pesticides-Compounds an Analysis of Their Structure-Activity Relationships. *Journal of environmental science and health part c environmental carcinogenesis & ecotoxicology reviews* 14: 1-42.
Rejection Code: HUMAN HEALTH.
1247. Woodhead, S. H., O'leary, A. L., Rabatin, S. C., and Crosby, K. E. (1990). Microscreen Testing for Agrichemical Activity. *British crop protection council. Brighton crop protection conference: pests and diseases, 1990, vols. 1, 2 and 3; international conference, brighton, england, uk, november 19-22, 1990. Xxii+396p.(Vol. 1); xxii+482p.(Vol. 2); xxii+386p.(Vol. 3) british crop protection: farnham, england, uk. Illus. Maps. Paper. Isbn 0-948404-46-9(vol. 1); isbn 0-948404-47-4(vol. 2); isbn 0-948404-48-8(vol. 3); isbn 0-948404-45-0(set). 0: 873-878.*
Rejection Code: REVIEW.
1248. Wycherley, D., Rose, M. E., Giles, K., Hutton, T. M., and Rimmer, D. A. (1996). Capillary Electrophoresis With Detection by Inverse Uv Spectroscopy and Electrospray Mass Spectrometry for the Examination of Quaternary Ammonium Herbicides. *Journal of chromatography a* 734: 339-349.
Rejection Code: CHEM METHODS.
1249. Xiang, W. S., Wang, X. J., Ren, T. R., and Ju, X. L. (2005). Expression of a Wheat Cytochrome P450 Monooxygenase in Yeast and Its Inhibition by Glyphosate. *Pest Management Science* 61: 402-406.
Rejection Code: IN VITRO.
1250. Xu, J., Feng, D., Li, X., Chang, T., and Zhu, Z. (2002). Cloning of Genomic Dna of Rice 5-Enolpyruvylshikimate 3-Phosphate Synthase Gene and Chromosomal Localization of the Gene. *Science in China, Series C: Life Sciences* 45: 251-259.
Rejection Code: IN VITRO.
1251. Yamaguchi, S. and Cralley, L. V. (1990). Home Gardening. *Cralley, l. V., L. J. Cralley and w. C. Cooper (ed.). Health and safety beyond the workplace. Xi+323p. John wiley and sons, inc.: New york, new york, usa Chichester, england, uk. Illus. Isbn 0-471-50452-1.; 0: 33-50.*
Rejection Code: HUMAN HEALTH.
1252. Yamano, T. and Morita, S. (1993). Effects of Pesticides on Isolated Rat Hepatocytes, Mitochondria, and Microsomes. *Arch environ contam toxicol* 25: 271-278.

- Rejection Code: IN VITRO.
1253. Yang, C. C., Wu, J. F., Ong, H. C., Kuo, Y. P., Deng, J. F., and Ger, J. (1997). Children Poisoning in Taiwan. *Indian journal of pediatrics* 64: 469-483.
Rejection Code: HUMAN HEALTH.
1254. Yao, C. Cd and Haag, W. R. (1991). Rate Constants for Direct Reactions of Ozone With Several Drinking Water Contaminants. *Water res* 25: 761-774.
Rejection Code: FATE, METHODS.
1255. Yaqoob, M. , D'haese, P. C., Elseviers, M. M., De Broe Me , and Porter, G. A. (1998). Role of Environmental-Occupational Exposure to Organic Silicon-Containing Compounds and Pesticides in the Development and Progression of Renal Disease. *De broe, m. E., Et al. (Ed.). Clinical nephrotoxins: renal injury from drugs and chemicals. Xv+481p. Kluwer academic publishers: dordrecht, netherlands* Norwell, massachusetts, usa. ISBN 0-7923-3611-9.; 0: 371-382.
Rejection Code: HUMAN HEALTH.
1256. Yarborough, D. E. and Hess, T. M. (1994). Weed Thresholds by Mechanical and Chemical Controls in Wild Blueberries. *91st annual meeting of the american society for horticultural science, corvallis, oregon, usa, august 7-10, 1994. Hortscience* 29: 565.
Rejection Code: ABSTRACT.
1257. Ye, G. N., Colburn, S. M., Xu, C. W., Hajdukiewicz, P. T. J., and Staub, J. M. (2003). Persistence of Unselected Transgenic Dna During a Plastid Transformation and Segregation Approach to Herbicide Resistance. *Plant Physiology* 133: 402-410.
Rejection Code: IN VITRO.
1258. Yeates, S. J., Abrecht, D. G., Price, T. P., Mollah, W. S., and Hausler, P. (1996). Operational Aspects of Ley Farming Systems in the Semi-Arid Tropics of Northern Australia: a Review. *Australian Journal of Experimental Agriculture* 36: 1025-1035.
Rejection Code: REVIEW.
1259. Yin Hong-zhen, Park, D. D., Lindsay, A. D., and Weiss, J. H. *. (1995). Spinal Cord Neurons Are Vulnerable to Rapidly Triggered Kainate Neurotoxicity in Vitro. *Brain Research [BRAIN RES.]*. Vol. 689, no. 2, pp. 265-270. 1995.
Rejection Code: IN VITRO.
1260. Yoshimura, Y., Beckie, H. J., and Matsuo, K. (2006). Transgenic Oilseed Rape Along Transportation Routes and Port of Vancouver in Western Canada. *Environmental Biosafety Research* 5: 67-75.
Rejection Code: SURVEY.
1261. Yousef, M. I., Bertheussen, K., Ibrahim, H. Z., Helmi, S., Seehy, M. A., and Salem, M. H. (1996). A Sensitive Sperm-Motility Test for the Assessment of Cytotoxic Effect of Pesticides. *J. ENVIRON. SCI. HEALTH, PART B: PESTIC., FOOD CONTAM., AGRIC. WASTES*. Vol. B31, no. 1, pp. 99-115. 1996.
Rejection Code: HUMAN HEALTH.
1262. Yousef, M. I., Salem, M. H., Ibrahim, H. Z., Helmi, S., Seehy, M. A., and Bertheussen, K. (1995). Toxic Effects of Carbofuran and Glyphosate of Semen Characteristics in Rabbits. *J.Environ.Sci.Health Part B* 30: 513-534.
Rejection Code: NO CONC.
1263. Zabaloy, M. C. and Go(acute)mez, M. A. (2005). Diversity of Rhizobia Isolated From an Agricultural Soil in Argentina Based on Carbon Utilization and Effects of Herbicides on Growth. *Biology and Fertility of Soils* 42: 83-88.
Rejection Code: BACTERIA.

1264. Zablotowicz Robert M, Locke Martin A, Krutz, L. Jason, Lerch RobertN., 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* 360: 552-560.
Rejection Code: FATE.
1265. Zambrano, A. Y., Demey, J. R., and Gonza(acute)lez, V. (2003). In Vitro Selection of a Glyphosate-Tolerant Sugarcane Cellular Line. *Plant Molecular Biology Reporter*, 21 (4) pp. 365-373, 2003.
Rejection Code: IN VITRO.
1266. Zaranyika, M. F. and Nyandoro, M. G. (1993). Degradation of Glyphosate in the Aquatic Environment: an Enzymatic Kinetic Model That Takes Into Account Microbial Degradation of Both Free and Colloidal (or Sediment) Particle Adsorbed Glyphosate. *J agric food chem* 41: 838-842.
Rejection Code: FATE, MODELING.
1267. Zeven, A. C., Waninge, J., Van Hintum, T. h., and Singh, S. P. (1999). Phenotypic Variation in a Core Collection of Common Bean (*Phaseolus Vulgaris* L.) In the Netherlands. *Euphytica* 109: 93-106.
Rejection Code: NO TOX DATA.
1268. Zhou, D. M., Wang, Y. J., Cang, L., Hao, X. Z., and Luo, X. S. (2004). Adsorption and Cosorption of Cadmium and Glyphosate on Two Soils With Different Characteristics. *Chemosphere* 57: 1237-1244.
Rejection Code: FATE.
1269. Zhou, H., Arrowsmith, J. W., Fromm, M. E., Hironaka, C. M., Taylor, M. L., Rodriguez, D., Pajeau, M. E., Brown, S. M., Santino, C. G., and Fry, J. E. (1995). Glyphosate-Tolerant Cp4 and Gox Genes as a Selectable Marker in Wheat Transformation. *Plant Cell Reports* 15: 159-163.
Rejection Code: IN VITRO.
1270. Zhou, M., Xu, H., Wei, X., Ye, Z., Wei, L., Gong, W., Wang, Y., and Zhu, Z. (2006). Identification of a Glyphosate-Resistant Mutant of Rice 5-Enolpyruvylshikimate 3-Phosphate Synthase Using a Directed Evolution Strategy. *Plant Physiology* 140: 184-195.
Rejection Code: IN VITRO.
1271. Zhu, Y., Zhang, F., Tong, C., and Liu, W. (1999). Determination of Glyphosate by Ion Chromatography. *Journal of chromatography a* 850: 297-301.
Rejection Code: CHEM METHODS.