

Appendix I. Bibliography of Not Accepted ECOTOX Open Literature for Methyl Bromide

Accepted for EcoTox but not OPP

Abdel-Salam, K. A. and Nakhlah, J. M. (1987). Effect of Combination Treatments of Gamma Radiation and Methyl Bromide Fumigation on the Confused Flour Beetles *Tribolium Confusum* Duv. *Insect Sci. Appl.* 8: 103-106.

EcoReference No.: 153001

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (MB).

Ahmed, M. S. H., Hameed, A. A., Kadhum, A. A., Ali, S. R., Farkas, J., Langerak, D. I., and Van Duren, M. D. A. (1985). Comparative Evaluation of Trial Shipments of Fumigated and Radiation Disinfested Dates from Iraq. *Acta Aliment.* 14: 355-366 .

EcoReference No.: 153215

Chemical of Concern: MB; Habitat: T; Effect Codes: POP; Code: NO CONTROL (MB).

Amin, M. E., Kamel, A. H., Ismail, I. I., and El-Nahal, A. K. M. (1979). Effect of Rearing *Tribolium castaneum* (Hbst.) on Rice Germ and Rice Bran on the Susceptibility of Its Developmental Stages to Methyl Bromide Fumigation. *Bull. Entomol. Soc. Egypt* 11: 57-63.

EcoReference No.: 153183

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB).

Anderson, R. C. and Liberta, A. E. (1992). Influence of Supplemental Inorganic Nutrients on Growth, Survivorship, and Mycorrhizal Relationships of *Schizachyrium scoparium* (Poaceae) Grown in Fumigated and Unfumigated Soil. *Am. J. Bot.* 79: 406-414 .

EcoReference No.: 153102

Chemical of Concern: MBCP; Habitat: T; Effect Codes: BCM,GRO,PHY,POP,REP; Code: NO ENDPOINT (MBCP).

Auwah, R. T. and Lorbeer, J. W. (1991). Methyl Bromide and Steam Treatment of an Organic Soil for Control of Fusarium Yellows of Celery. *Plant Dis.* 75: 123-125.

EcoReference No.: 153103

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

Barak, A. V., Weidong, Y., Daojian, Y., Yi, J., Lin, K., Zhilin, C., Xingyuan, L., and Guoping, Z. (2009). Methyl Bromide as a Quarantine Treatment for *Chlorophorus annularis* (Coleoptera: Cerambycidae) in Raw Bamboo Poles. *J. Econ. Entomol.* 102: 913-920.

EcoReference No.: 153134

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

Batyuk, V. P. and Palienko, M. Y. (1962). Application of Certain Halogen-Containing Compounds and by-Products of Chemical Industry in the Control of *Acroptilon picris*. *Herb.Agric.* 112-117.

EcoReference No.: 42101

Chemical of Concern: CF,CTC,EDB,MB,MEBR; Habitat: T; Effect Codes: PHY,POP; Code: NO CONTROL (MB), NO EFED CHEM (CF,CTC,EDB), NO ENDPOINT (MB).

Beames, G. H. and Butterfield, N. W. (1944). Some Physiological Effects of Methyl Bromide upon Horticultural Plants. *Proc. Am. Soc. Hortic. Sci.* 45: 318-322.

EcoReference No.: 43064

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

Bell, C. H. (1988). Minimum Concentration Levels of Methyl Bromide Required for Full Efficacy Against Seven Species of Stored-Product Beetle at Two Temperatures. *Pestic. Sci.* 24: 97-109.

EcoReference No.: 153219

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB).

Bell, C. H. and Glanville, V. (1973). The Effect of Concentration and Exposure in Tests with Methyl Bromide and with Phosphine on Diapausing Larvae of *Ephestia elutella* (Hubner) (Lepidoptera, Pyralidae). *J. Stored Prod. Res.* 9: 165-170.

EcoReference No.: 153002

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB,PPHN).

Bell, C. H. and Savvidou, N. (1991). Tolerance of the Diapausing Stages of *Plodia interpunctella* and *Ephestia cautella* (Lepidoptera: Pyralidae) to Methyl Bromide and Its Correlation with Diapause Intensity. *J. Stored Prod. Res.* 27: 109-114.

EcoReference No.: 153005

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB).

Bell, C. H., Wilson, S. M., and Banks, H. J. (1984). Studies on the Toxicity of Phosphine to Tolerant Stages of *Trogoderma granarium* Everts (Coleoptera: Dermestidae). *J. Stored Prod. Res.* 20: 111-117.

EcoReference No.: 150607

Chemical of Concern: ALP,MB; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ALP), NO CONTROL (MB), NO ENDPOINT (MB), TARGET (MB).

Bennett, R. G. (1969). The Influence of Age and Concentration of Fumigant on the Susceptibility of Pupae of *Tribolium castaneum* (Herbst) (Coleoptera, Tenebrionidae) to Methyl Bromide. *J. Stored Prod. Res.* 5 : 119-126.

EcoReference No.: 153006

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (MB).

Bond, E. J., Monro, H. A. U., and Buckland, C. T. (1967). The Influence of Oxygen on the Toxicity of Fumigants to *Sitophilus granarius* (L.). *J. Stored Prod. Res.* 3: 289-294.

EcoReference No.: 153118

Chemical of Concern: CTC,EDB,ETO,HCNA,MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (ETO,HCNA,MB,PPHN), NO EFED CHEM (CTC,EDB), TARGET (ETO,HCNA).

Bond, E. J. and Morse, P. M. (1982). Joint Action of Methyl Bromide and Phosphine on *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *J. Stored Prod. Res.* 18: 83-94.

EcoReference No.: 150789

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (MB,PPHN), TARGET (MB).

Bond, E. J. and Uptis, E. (1972). Persistence of Tolerance to Methyl Bromide in *Sitophilus granarius* (L.) (Coleoptera, Curculionidae) After Cessation of Selection. *J. Stored Prod. Res.* 8: 221-222.

EcoReference No.: 153007

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB).

Boorman, G. A., Hong, H. L., Jameson, C. W., Yoshitomi, K., and Maronpot, R. R. (1986). Regression of Methyl Bromide-Induced Forestomach Lesions in the Rat. *Toxicol. Appl. Pharmacol.* 86: 131-139.

EcoReference No.: 72373

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

Breakey, E. P. (1944). The Effect of Methyl Bromide Fumigation on the Subsequent Development of the Croft Lily. *J. Econ. Entomol.* 37: 277-279.

EcoReference No.: 43065

Chemical of Concern: HCNA,MB; Habitat: T; Effect Codes: GRO,REP; Code: NO ENDPOINT (HCNA,MB).

Brown, G. and Jenkinson, D. S. (1971). Bromine in Wheat Grown on Soil Fumigated with Methyl Bromide. *Commun. Soil Sci. Plant Anal.* 2: 45-54.

EcoReference No.: 59358

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

Cheetham, T. (1992). Methyl Bromide Induces Perineural Glial Cell Damage in the Ventral Nerve Cord of the Codling Moth *Cydia pomonella* (L.) (Lepidoptera: Tortricidae). *J. Kans. Entomol. Soc.* 65: 53-58.

EcoReference No.: 153135

Chemical of Concern: MB; Habitat: T; Effect Codes: CEL; Code: NO ENDPOINT (MB).

Cheetham, T. (1990). Pathological Alterations in Embryos of the Codling Moth (Lepidoptera: Tortricidae) Induced by Methyl Bromide. *Ann. Entomol. Soc. Am.* 83: 59-67.

EcoReference No.: 153128

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

Clapham, P. A. (1950). On Sterilizing Land Against Poultry Parasites. *J. Helminthol.* 24: 137-144.

EcoReference No.: 89458

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

Clason, T. R. (1989). Early Growth Enhancement Increases Loblolly Pine Rotation Yields. *South. J. Appl. For.* 13: 94-99.

EcoReference No.: 153182

Chemical of Concern: 12DPA,13DPE,DPDP,MBCP; Habitat: T; Effect Codes: GRO,MOR; Code: NO ENDPOINT (12DPA,13DPE,DPDP,MBCP).

Dawson, G. W., Jennings, A. L., Drozdowski, D., and Rider, E. (1977). The Acute Toxicity of 47 Industrial Chemicals to Fresh and Saltwater Fishes. *J. Hazard. Mater.* 1: 303-318 (OECDG Data File).

EcoReference No.: 863

Chemical of Concern:

12DPA,2BE,AMYO,HNZ,CTC,DCB,DGME,DPDP,DSTCH,EGME,HXGL,MACL,MB,MOR,NaFS,PY

PG,STCH,TEG,Tl,VYL; Habitat: A; Effect Codes: MOR; Code: LITE EVAL CODED (DCB,PYPG), NO CONTROL (12DPA,AMYOH,DPDP,DSTCH,MACL,MB,STCH), NO EFED CHEM (2BE,BNZ,CTC,DGME,EGME,HXGL,MOR,NaFS,TEG,Tl,VYL), NO ENDPOINT (12DPA,AMYOH,DPDP,DSTCH,MACL,MB,STCH).

Dentener, P. R., Alexander, S. M., Petry, R. J., O'Connor, G. M., Lester, P. J., Bennett, K. V., and Maindonald, J. H. (1998). Effect of a Combined Methyl Bromide Fumigation and Cold Storage Treatment on *Cydia pomonella* (Lepidoptera: Tortricidae) Mortality on Apples. *J. Econ. Entomol.* 91 : 528-533.

EcoReference No.: 153136

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (MB).

Desaeger, J., Csinos, A., Timper, P., Hammes, G., and Seebold, K. (2004). Soil Fumigation and Oxamyl Drip Applications for Nematode and Insect Control in Vegetable Plasticulture. *Ann. Appl. Biol.* 145: 59-70.

EcoReference No.: 82372

Chemical of Concern: 13DPE,DPDP,MBCP,MTAS,OML,TC17; Habitat: T; Effect Codes: GRO,POP; Code: EFFICACY (OML), NO ENDPOINT (13DPE,DPDP,MBCP,MTAS,TC17), NO MIXTURE (TC17).

Dilley, C. (2007). Soil Quality in Strawberry and Vineyard Agroecosystems Maintained Under Conventional and Alternative Weed Management Systems. *Ph.D. Thesis, Iowa State University, IA* 135 p. (UMI# 3317258)

EcoReference No.: 153153

Chemical of Concern: DMDP,GYP,MBCP,PPN; Habitat: T; Effect Codes: BCM; Code: NO MIXTURE (MBCP), OK (DMDP,GYP,PPN).

Djalali-Behzad, G., Hussain, S., Osterman-Golkar, S., and Segerback, D. (1981). Estimation of Genetic Risks of Alkylating Agents. VI. Exposure of Mice and Bacteria to Methyl Bromide. *Mutat. Res.* 84: 1-9.

EcoReference No.: 153066

Chemical of Concern: MB; Habitat: T; Effect Codes: BCM; Code: NO CONTROL (MB), NO ENDPOINT (MB), NO EXP TYPE (MB).

Dow Chem Co. (1987). Toxicity of Methyl Bromide Vapors. *EPA/OTS Doc. #86-870002138* 14 p.

EcoReference No.: 152995

Chemical of Concern: Halides,MB,NaBr; Habitat: T; Effect Codes: CEL,PHY; Code: NO ENDPOINT (Halides,MB,NaBr), NO INHALE (MB).

Egel, D. S., Martyn, R., and Gunter, C. (2008). Planting Method, Plastic Mulch, and Fumigation Influence Growth, Yield, and Root Structure of Watermelon. *Hortscience* 43: 1410-1414.

EcoReference No.: 153057

Chemical of Concern: MB; Habitat: T; Effect Codes: GRO,POP; Code: NO CONC (MB).

Ethyl Corp. (1987). The Response of Rats Maintained on Diets Fumigated with Methyl Bromide with Cover Letters Dated 072787. *EPA/OTS Doc. #86-870001187* 24 p. (OTS0516090).

EcoReference No.: 152996

Chemical of Concern: Halides,MB,NaBr; Habitat: T; Effect Codes: CEL,GRO,MOR; Code: NO ENDPOINT (Halides,MB,NaBr).

Ferriss, R. S., Stuckey, R. E., Gleason, M. L., and Siegel, M. R. (1987). Effects of Seed Quality, Seed Treatment, Soil Source, and Initial Soil Moisture on Soybean Seedling Performance. *Phytopathology* 77: 140-148.

EcoReference No.: 77689

Chemical of Concern: CBX,CLP,MB,THM; Habitat: T; Effect Codes: POP; Code: NO CONTROL (CLP,MB), NO MIXTURE (CBX,THM).

Filer, T. H. Jr. and Toole, E. R. (1968). Effect of Methyl Bromide on Mycorrhizae and Growth of Sweetgum Seedlings. *Plant Dis. Rep.* 52: 483-485.

EcoReference No.: 153089

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

Finkelman, S., Navarro, S., Isikber, A. A., and Donahaye, E. (2005). A New Method of Ensuring even Distribution of a Fumigant in Flexible Fumigation Chambers Using External Fans. *J. Stored Prod. Res.* 41: 323-331.

EcoReference No.: 114239

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

Galley, D. J. and Hague, N. G. M. (1967). Some Factors Affecting the Efficacy of Methyl Bromide Fumigations of Glasshouse Soils. *Proc.4th British Insecticide and Fungicide Conference, Volume 1, Held Nov.20-23, 1967, Brighton, England* 56-62.

EcoReference No.: 49414

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

Garbaye, J., Churin, J. L., and Duponnois, R. (1992). Effects of Substrate Sterilization, Fungicide Treatment, and Mycorrhization Helper Bacteria on Ectomycorrhizal Formation of Pedunculate Oak (*Quercus robur*) Inoculated with *Laccaria laccata* in Two Peat Bare-Root Nurseries. *Biol. Fertil. Soils* 13: 55-57.

EcoReference No.: 153009

Chemical of Concern: IPD,MB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (IPD,MB), TARGET (IPD,MB).

Getzendaner, M. E. (1965). Bromide Residues in Chicken Tissues and Eggs from Ingestion of Methyl Bromide-Fumigated Feed. *J. Agric. Food Chem.* 13: 349-352.

EcoReference No.: 153031

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

Gilreath, J. P. and Santos, B. M. (2004). Efficacy of Methyl Bromide Alternatives on Purple Nutsedge (*Cyperus rotundus*) Control in Tomato and Pepper. *Weed Technol.* 18: 341-345.

EcoReference No.: 80299

Chemical of Concern: CLP,DZM,MBCP,MBZ,PEB,TC17; Habitat: T; Effect Codes: GRO,PHY,POP,REP; Code: LITE EVAL CODED (DZM), NO EFED CHEM (PEB), NO MIXTURE (MBCP,MBZ,PEB,TC17), OK (CLP).

Gilreath, J. P. and Santos, B. M. (2004). Methyl Bromide Alternatives for Weed and Soilborne Disease Management in Tomato (*Lycopersicon esculentum*). *Crop Prot.* 23: 1193-1198.

EcoReference No.: 77527

Chemical of Concern: CLP,DZM,MBCP,MTAS,PEB,TC17; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (PEB), NO ENDPOINT (CLP,DZM,MBCP,MTAS,TC17).

Gilreath, J. P., Santos, B. M., Busacca, J. D., Eger, J. E. Jr., Mirusso, J. M., and Gilreath, P. R. (2006). Validating

Broadcast Application of Telone C-35 Complemented with Chloropicrin and Herbicides in Commercial Tomato Farms. *Crop Prot.* 25: 79-82.

EcoReference No.: 88888

Chemical of Concern: CLP,MBCP,PEB,TC17,TFN; Habitat: T; Effect Codes: GRO,PHY,POP; Code: NO CONTROL (CLP,MBCP,TC17,TFN), NO EFED CHEM (PEB), NO ENDPOINT (CLP,MBCP,TC17,TFN), NO MIXTURE (PEB,TFN).

Gilreath, J. P., Santos, B. M., Chase, C. A., and Locascio, S. J. (2006). Influence of Soil Fumigation on 2,4-D and Dicamba Carryover in Fresh Market Tomato. *Crop Prot.* 25: 1095-1100.

EcoReference No.: 89560

Chemical of Concern: 24D,24DXY,DMB,MBCP; Habitat: T; Effect Codes: GRO,PHY,POP; Code: NO ENDPOINT (24D,24DXY,DMB,MBCP).

Gilreath, J. P., Santos, B. M., Motis, T. N., Noling, J. W., and Mirusso, J. M. (2005). Methyl Bromide Alternatives for Nematode and Cyperus Control in Bell Pepper (*Capsicum annuum*). *Crop Prot.* 24: 903-908.

EcoReference No.: 88743

Chemical of Concern: CLP,MBCP,MTAS,NPP,TC17,TFN; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (NPP), NO ENDPOINT (CLP,MBCP,MTAS,TC17,TFN).

Gostick, K. G. (1969). Phytotoxicity of Methyl Bromide to Some Plant Hosts of San Jose Scale. *Plant Pathol.* 18: 94-96.

EcoReference No.: 43275

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

Gostick, K. G. and Powell, D. F. (1971). Phytotoxicity of Methyl Bromide to Chrysanthemum Cuttings. *Plant Pathol.* 20: 136-142.

EcoReference No.: 25351

Chemical of Concern: MB; Habitat: T; Code: CROP (MB), NO CONTROL (MB), NO ENDPOINT (MB), TARGET (MB).

Graham, W. M. (1970). Warehouse Ecology Studies of Bagged Maize in Kenya - IV. Reinfestation Following Fumigation with Methyl Bromide Gas. *J. Stored Prod. Res.* 6: 177-180.

EcoReference No.: 153181

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

Great Lakes Chemical Corp. (1991). Acute Oral Toxicity Study in Beagle Dogs (Amendment to the Final Report) & Acute Oral Toxicity Study in Beagle Dogs with Microencapsulated Methyl Bromide (Final Report) w-Letter. *EPA/OTS Doc. #86-910000697* 42 p. (OTS0528833).

EcoReference No.: 152999

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

Great Lakes Chemical Corp. (1991). Acute Oral Toxicity Study in Beagle Dogs with Methyl Bromide (Final Report) with Cover Letter Dated 020591. *EPA/OTS Doc. #86-910000698* 61 p. (OTS0528834).

EcoReference No.: 152998

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

Great Lakes Chemical Corp. (1987). The Subchronic Effects of Oral Methyl Bromide Administration in the Rat

(Volume I) with Cover Letter Dated 072887. *EPA/OTS Doc. #86-870000749* 235 p. (OTS0516557).

EcoReference No.: 153237

Chemical of Concern: MB; Habitat: T; Effect Codes: BEH,CEL,GRO; Code: NO ENDPOINT (MB).

Great Lakes Chemical Corp. (1987). The Subchronic Effects of Oral Methyl Bromide Administration in the Rat (Volume II). *EPA/OTS Doc. #86-870000750* 352 p. (OTS0516558).

EcoReference No.: 153236

Chemical of Concern: MB; Habitat: T; Effect Codes: CEL,PHY; Code: NO ENDPOINT (MB).

Haas, H. V. (1976). Methyl Bromide and PCNB for Sclerotium Crown Rot Control in Iris. *Phytoparasitica* 4: 201-205.

EcoReference No.: 25353

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

Haglund, W. A. and King, T. H. (1959). The Effect of Nematodes on the Development of Root Rot and Yield of Canning Peas. *Plant Dis. Rep.* 43: 787-790.

EcoReference No.: 89334

Chemical of Concern: CLP,DPDP,EDB,MB; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EDB), NO ENDPOINT (CLP,DPDP,MB).

Hamilton, C. C. (1940). Methyl Bromide Fumigation for Control of Asiatic Beetle Grubs Attacking Azalea Plants. *J. Econ. Entomol.* 33: 486-490.

EcoReference No.: 42169

Chemical of Concern: CBNDS,CLP,ETHN,MB,MOL; Habitat: T; Effect Codes: CEL,PHY,POP; Code: NO CONTROL (CBNDS,CLP,ETHN,MB,MOL), NO ENDPOINT (CBNDS,CLP,ETHN,MB,MOL).

Hamilton, C. C. (1941). Toxicity of Methyl Bromide to the Common Red Spider and to Greenhouse Roses. *J. Econ. Entomol.* 34: 232-337.

EcoReference No.: 42196

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB).

Hammerton, J. L. (1974). Weed Control Work in Progress at the University of the West Indies Part 4. *PANS (Pest Artic. News Summ.)* 20: 429-436.

EcoReference No.: 40607

Chemical of Concern:

24D,24DXY,ACR,AMTR,ATZ,BS,BT,BTL,BTY,CNR,CPP,DCPA,DQTBr,DU,EPTC,GYP,IPN,MB,MBZ,MSMA,MTAS,NPM,NPP,ODZ,PDM,PEB,PMT,PQT,SZ,TBC,TFN,VNT; Habitat: T; Effect Codes: GRO,PHY,POP; Code: NO EFED CHEM (AMTR,BTL,IPN,MSMA,NPM,NPP,ODZ,PEB,VNT), NO ENDPOINT (24D,24DXY,BS,CPP,DCPA,DQTBr,DU,GYP,MB,MBZ,MTAS,PMT,PQT,SZ,TBC,TFN), OK (ACR,ATZ,BT,BTY,EPTC,PDM).

Hammond, G. H. (1947). Phyllophaga spp. Control with Volatile Soil Fumigants. A Progress Report. *Annu.Rep.Entomol.Soc.Ontario* 14-19.

EcoReference No.: 89344

Chemical of Concern: CLP,CTC,DDT,DPDP,EDB,MB; Habitat: T; Effect Codes: PHY,POP; Code:

NO EFED CHEM (CTC,DDT,EDB), NO ENDPOINT (CLP,DPDP,MB).

Hansen, J. D., Albano, D. J., and Heidt, M. L. (2002). Efficacy of Using in-Carton Fumigation with the Quarantine Treatment Against Codling Moth on Apples Intended for Export to Japan. *HortTechnology* 12: 441-443.

EcoReference No.: 153229

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

Hanson, B. D. and Schneider, S. A. (2008). Evaluation of Weed Control and Crop Safety With Herbicides in Open Field Tree Nurseries. *Weed Technol.* 22: 493-498.

EcoReference No.: 153106

Chemical of Concern: 13DPA,DPDP,DTP,FMX,IXB,MB,OYZ,PRM,RIM,SFZ; Habitat: T; Effect Codes: GRO,POP,REP; Code: NO EFED CHEM (DTP,RIM), NO ENDPOINT (13DPA,DPDP,MB), OK (FMX,IXB,OYZ,PRM,SFZ).

Hardin, B. D., Bond, G. P., Sikov, M. R., Andrew, F. D., Beliles, R. P., and Niemeier, R. W. (1981). Testing of Selected Workplace Chemicals for Teratogenic Potential. *Scand. J. Work Environ. Health* 7: 66-75.

EcoReference No.: 49968

Chemical of Concern: 3CE,4CE,AMSV,BPA,CBNDS,CuNP,EDB,HCB,MB,MBTZ,NAPH; Habitat: T; Effect Codes: GRO,PHY,REP; Code: NO EFED CHEM (3CE,4CE,BPA,EDB,HCB), NO EXP TYPE (AMSV,CBNDS,CuNP,MB,MBTZ,NAPH), NO INHALE (AMSV,CBNDS) .

Hastings, L. (1990). Sensory Neurotoxicology: Use of the Olfactory System in the Assessment of Toxicity. *Neurotoxicol. Teratol.* 12: 455-459.

EcoReference No.: 153032

Chemical of Concern: MB; Habitat: T; Effect Codes: ACC; Code: NO EXP TYPE (MB), NO INHALE (MB).

Hawton, D., Howitt, C. J., and Johnson, I. D. G. (1992). A Comparison of Methods for the Control of *Cyperus rotundus* L. *Trop. Pest Manag.* 38: 305-309.

EcoReference No.: 153010

Chemical of Concern: 24D,24DXY,BMC,EPTC,GYP,MB,PEB,VNT; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (PEB,VNT), NO ENDPOINT (MB), OK (24D,24DXY,BMC,EPTC,GYP).

Hole, B. D. (1981). Variation in Tolerance of Seven Species of Stored Product Coleoptera to Methyl Bromide and Phosphine in Strains from Twenty-Nine Countries. *Bull. Entomol. Res.* 71: 299-306.

EcoReference No.: 150532

Chemical of Concern: ALP,MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (ALP,MB), TARGET (MB).

Hooper, J. L., Desmarchelier, J. M., Ren, Y., and Allen, S. E. (2003). Toxicity of Cyanogen to Insects of Stored Grain. *Pest Manag. Sci.* 59: 353-357.

EcoReference No.: 70974

Chemical of Concern: CBNDS,MBCP,PPHN; Habitat: T; Effect Codes: MOR; Code: NO PUBL AS (CBNDS,MBCP,PPHN), TARGET (CBNDS).

Hussaini, S. S. (1989). Comparative Efficacy of Durofume and Other Fumigants Against Root-Knot Nematode and Weeds in FCV Tobacco Nurseries. *Indian J. Nematol.* 19: 14-17.

EcoReference No.: 153014

Chemical of Concern: EDB,MB; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EDB), NO ENDPOINT (EDB,MB).

Hygnstrom, S. E. and VerCauteren, K. C. (2000). Cost-Effectiveness of Five Burrow Fumigants for Managing Black-Tailed Prairie Dogs. *Int. Biodeterior. Biodegrad.* 45: 159-168.

EcoReference No.: 77587

Chemical of Concern: AIP,CLP,MB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (AIP,CLP,MB).

Jacks, H. (1946). Soil Disinfection. V. Comparative Efficacy of Soil Fumigants for Control of Grass-Grub (*Odontria zealandica* White). *N. Z. J. Sci. Technol. Sect. A* 28: 166-170.

EcoReference No.: 92865

Chemical of Concern: AMSV,CBND,CLP,DD,MB; Habitat: T; Effect Codes: MOR; Code: NO MIXTURE (AMSV,MB), OK (CBND,CLP,DD).

Jacks, H. (1949). Soil Disinfection. VIII. Chemical Control of Verticillium-Wilt of Tomatoes. *N. Z. J. Sci. Technol. Sect. A* 30: 118-123.

EcoReference No.: 92868

Chemical of Concern: AMSV,CBND,CLP,DD,FML,MB; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (FML), NO MIXTURE (AMSV,MB), OK (CBND,CLP,DD).

Jessup, A. J., Hood, C. W., and Sloggett, R. F. (1993). The Effects of Hot-Water Dipping, Methyl Bromide with or Without Cold Storage and gamma Irradiation on Egg Hatch of *Asynonychus cervinus* Boheman (Coleoptera: Curculionidae). *J. Aust. Entomol. Soc.* 32: 99-101.

EcoReference No.: 153140

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (MB).

Johnson, A. W., Jaworski, C. A., Glaze, N. C., Sumner, D. R., and Chalfant, R. B. (1981). Effects of Film Mulch and Soil Pesticides on Nematodes, Weeds, and Yields of Vegetable Crops. *J. Nematol.* 13: 141-148.

EcoReference No.: 89168

Chemical of Concern: BS,BTY,CBF,DDMITC,EP,MBCP,NaN₃,PNB,TZL; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (BS), NO CONTROL (BTY,CBF,MBCP,NaN₃), NO EFED CHEM (TZL), NO MIXTURE (EP,PNB,TZL), OK (DDMITC).

Juzwik, J. and Rugg, D. J. (1996). Seedling Mortality and Development of Root Rot in White Pine Seedlings in Two Bare-Root Nurseries. *Can. J. Plant Pathol.* 18: 335-341.

EcoReference No.: 79897

Chemical of Concern: DZM,MBCP; Habitat: T; Effect Codes: MOR,PHY,POP; Code: LITE EVAL CODED (DZM), NO ENDPOINT (MBCP).

Kamel, A. H., Fam, E. Z., Mahdi, M. T., and Sheltawi, E. M. (1974). The Phytotoxic Effect of Carbon Bisulphide, Methyl Bromide and Hydrogen Phosphide on the Germination of Seeds of Certain Field Crops. *Bull. Ent. Soc. Egypt Econ. Ser.* 8: 75-80.

EcoReference No.: 26195

Chemical of Concern: CBND,MB; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT (CBND,MB).

Karlik, J. F., Becker, J. O., and Schuch, U. K. (2001). IPM for Field-Grown Rose Plants in California. In: N.Zieslin and H.Aghania (Eds.), *Proc.3rd Int.Symp.on Rose Research, Acta Hort.* 547: 97-102.

EcoReference No.: 98214

Chemical of Concern: 13DPE,CH3I,DPDP,IDM,MB,MTAS; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (CH3I,IDM), NO ENDPOINT (13DPE,DPDP,MB,MTAS).

Kem, T. R. (1978). Cross Resistance Characteristics of a Phosphine-Resistant Strain of *Tribolium castaneum* (Herbst) to Some Fumigants. *J. Entomol. Res.* 2: 206-208.

EcoReference No.: 150535

Chemical of Concern: CBNDS,CTC,EDB,MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (CBNDS,MB,PPHN), NO EFED CHEM (CTC,EDB), TARGET (CBNDS,MB).

Kempton, R. J. and Maw, G. A. (1973). Soil Fumigation with Methyl Bromide: The Uptake and Distribution of Inorganic Bromide in Tomato Plants. *Ann. Appl. Biol.* 74: 91-98.

Chemical of Concern: MB; Habitat: T; Code: NO ENDPOINT (MB).

Khanna, S. C., Yadav, T. D., and Katiyar, K. N. (1992). Studies on Fumigation of Cotton Seed with Methyl Bromide and Hydrogen Phosphide. *Seed Res. (New Delhi)* 20: 31-33.

EcoReference No.: 150600

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT (MB,PPHN).

Kononkov, P. F. and Kuznetsov, I. D. (1982). The Effect of Fumigants on Germination of Some Vegetable Seeds. *Seed Sci. Technol.* 10: 95-104.

EcoReference No.: 41329

Chemical of Concern: CBNDO,MB; Habitat: T; Effect Codes: POP,REP; Code: NO ENDPOINT (CBNDO,MB).

Kutywayo, V. (2003). Chemical Alternatives for Soil Fumigation with Methyl Bromide on Tobacco Seedbeds in Nematode and Weed Control. *Commun. Appl. Biol. Sci. Ghent Univ.* 68: 115-122.

EcoReference No.: 77523

Chemical of Concern: 13DPE,DPDP,EDB,MB,MTAS,TC17; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EDB), NO ENDPOINT (13DPE,DPDP,MB,MTAS,TC17).

Leesch, J. G. and Gillenwater, H. B. (1976). Fumigation of Pecans with Methyl Bromide and Phosphine to Control the Pecan Weevil. *J. Econ. Entomol.* 69: 241-244.

EcoReference No.: 150476

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR,POP; Code: NO ENDPOINT (MB,PPHN), TARGET (MB).

Leesch, J. G. and Sukkestad, D. R. (1983). Some Fumigant Properties of Hexamethyl Distannane Against Stored-Product Insects. *J. Ga. Entomol. Soc.* 18: 385-394.

EcoReference No.: 153016

Chemical of Concern: MB; Habitat: T; Effect Codes: MOR; Code: NO PUBL AS (MB).

Lopez-Aranda, J. M., Medina, J. J., Miranda, L., Bartual, R., Cebolla, V., Dominguez, F., and Lopez-Medina, J. (2002). The Spanish Project on Alternatives to Methyl Bromide (1): The Case of Strawberry in the Area of Huelva. *Acta Hortic. (Wagening.)* 567: 427-430.

EcoReference No.: 79947

Chemical of Concern: CLP,DPDP,DZM,MB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (CLP,DPDP,DZM,MB).

Lopez-Medina, J., Lopez-Aranda, J. M., Medina, J. J., Miranda, L., and Flores, F. (2003). Chemical and Non-chemical Alternatives to Methyl Bromide Fumigation of Soil for Strawberry Production. *J. Hortic. Sci. Biotechnol.* 78: 597-604.

EcoReference No.: 79883

Chemical of Concern: CLP,CLPM,DZM,MB,MTAS; Habitat: T; Effect Codes: MOR,POP; Code: NO ENDPOINT (CLP,CLPM,DZM,MB), TARGET (MTAS).

McGaughey, W. H. (1975). Compatibility of Bacillus thuringiensis and Granulosis Virus Treatments of Stored Grain with Four Grain Fumigants. *J. Invertebr. Pathol.* 26: 247-250.

EcoReference No.: 150482

Chemical of Concern: AIP,MB; Habitat: T; Effect Codes: MOR; Code: NO ENDPOINT (AIP,MB), TARGET (MB).

McNamara, D. G. and Pitcher, R. S. (1974). The Control of Arabis Mosaic Virus in Hops by Soil Fumigation and Fallowing. *Agro-Ecosystems* 1: 123-129.

EcoReference No.: 74371

Chemical of Concern: ABC,DPDP,DZM,MB,MOM; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (DPDP,DZM,MB,MOM).

Medina, V. F., Jeffers, P. M., Larson, S. L., and Perez, W. (2000). Technical Note: Sterilization of Plants for Phytoremediation Studies by Bleach Treatment. *Int. J. Phytoremediat.* 2: 287-295.

EcoReference No.: 153018

Chemical of Concern: MB,NaHCT,TNT; Habitat: AT; Effect Codes: BCM,CEL; Code: NO EFED CHEM (NaHCT,TNT), NO ENDPOINT (MB), NO IN VITRO (MB).

Medinsky, M. A., Bond, J. A., Dutcher, J. S., and Birnbaum, L. S. (1984). Disposition of [14C] Methyl Bromide in Fischer-344 Rats After Oral or Intraperitoneal Administration. *Toxicology* 32: 187-196.

EcoReference No.: 153127

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

Monro, H. A. U., Upitis, E., and Bond, E. J. (1972). Resistance of a Laboratory Strain of Sitophilus granarius (L) (Coleoptera, Curculionidae) to Phosphine. *J. Stored Prod. Res.* 8: 199-207.

EcoReference No.: 150586

Chemical of Concern: ACY,AIP,CLP,EDB,ETO,HCNA,MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (AIP,CLP,ETO,HCNA,MB), NO EFED CHEM (ACY,EDB), NO ENDPOINT (AIP), TARGET (CLP,ETO,HCNA,MB).

Muthu, M. and Rajendran, S. (1979). A Biological Method for Methyl Bromide Assay in Fumigation. *Int. Pest Control* 21: 8-9.

EcoReference No.: 153213

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

Nazer, I. K., Hallak, A. B., Abu-Gharbieh, W. I., and Saleh, N. S. (1982). Bromine Residues in the Soil and Fruits of Certain Crops After Soil Fumigation with Methyl Bromide. *J. Radioanal. Chem.* 74: 113-116.

EcoReference No.: 78875

Chemical of Concern: CH3BR,MB; Habitat: T; Effect Codes: ACC; Code: NO ENDPOINT (MB).

Njoroge, S. M. C., Kabir, Z., Martin, F. N., Koike, S. T., and Subbarao, K. V. (2009). Comparison of Crop Rotation for Verticillium Wilt Management and Effect on Pythium Species in Conventional and Organic Strawberry Production. *Plant Dis.* 93: 519-527 .

EcoReference No.: 153109

Chemical of Concern: MBCP; Habitat: T; Effect Codes: BCM,PHY,POP; Code: NO CONTROL (MBCP), NO ENDPOINT (MBCP).

O'Bannon, J. H. and Nemec, S. (1978). Influence of Soil Pesticides on Vesicular-Arbuscular Mycorrhizae in a Citrus Soil (Influencia de Pesticidas del Suelo Sobre las Micorrizas Vesiculo-Arbusculares en Terrenos de Citricos). *Nematropica* 8: 56-61.

EcoReference No.: 72314

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

O'Brien, R. D. and Van Bruggen, A. H. C. (1990). Soil Fumigation with Dazomet and Methyl Bromide for Control of Corky Root of Iceberg Lettuce. *Plant Dis.* 74: 1022-1025.

EcoReference No.: 79931

Chemical of Concern: CLP,DZM,MB; Habitat: T; Effect Codes: PHY,POP; Code: NO ENDPOINT (CLP,DZM,MB).

Oliver, L. R. and Schreiber, M. M. (1971). Differential Selectivity of Herbicides on Six Setaria Taxa. *Weed Sci.* 19: 428-431.

EcoReference No.: 26735

Chemical of Concern: ACR,AMTR,ATZ,BFL,BTY,EPTC,LNR,MBCP,PCH,PMT,PPZ,SZ,TFN; Habitat: T; Effect Codes: GRO,POP; Code: NO EFED CHEM (AMTR), NO ENDPOINT (ACR,BFL,EPTC,LNR,MBCP,PCH,PMT,TFN), OK (ATZ,BTY,PPZ,SZ).

Park, D. S., Peterson, C., Zhao, S., and Coats, J. R. (2004). Fumigation Toxicity of Volatile Natural and Synthetic Cyanohydrins to Stored-Product Pests and Activity as Soil Fumigants. *Pest Manag. Sci.* 60: 833-838.

EcoReference No.: 86819

Chemical of Concern: 13DPE,CLP,DDVP,DPDP,MB; Habitat: T; Effect Codes: MOR,POP,REP,SYS; Code: LITE EVAL CODED (CLP), NO ENDPOINT (MB), OK (13DPE,DDVP,DPDP).

Phillips, W. R., Monro, H. A. U., and Allen, C. E. (1938). Some Observations on the Fumigation of Apples with Methyl Bromide. *Sci. Agric.* 19: 7-20.

EcoReference No.: 26958

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

Pike, V. (1994). Laboratory Assessment of the Efficacy of Phosphine and Methyl Bromide Fumigation Against all Life Stages of Liposcelis entomophilus (Enderlein). *Crop Prot.* 13: 141-145.

EcoReference No.: 150541

Chemical of Concern: MB,MgP,PPHN; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MgP,PPHN), NO CONTROL (MB), TARGET (MB).

Pitcher, R. S., Way, D. W., and Savory, B. M. (1966). Specific Replant Diseases of Apple and Cherry and Their Control by Soil Fumigation. *J. Hortic. Sci.* 41: 379-396 .

EcoReference No.: 72455

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

Pletsa, V., Steenwinkel, M. J. S. T., Van Delft, J. H. M., Baan, R. A., and Kyrtopoulos, S. A. (1999). Methyl Bromide Causes DNA Methylation in Rats and Mice but Fails to Induce Somatic Mutations in lambda lacZ Transgenic Mice. *Cancer Lett.* 135: 21-27.

EcoReference No.: 153038

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

Preest, D. S. (1964). Effectiveness of Methyl Bromide, Dazomet, and Metam in Eradicating Oxalis latifolia. *Proc. N. Z. Weed Pest Control Conf.* 17: 109-114.

EcoReference No.: 79811

Chemical of Concern: DZM,MB,Md; Habitat: T; Effect Codes: POP,REP; Code: NO CONTROL (DZM,MB).

Radewald, J. D., Hall, B. J., Shibuya, F., and Nelson, J. (1971). Results of Preplant Fumigation Trial for the Control of Sugarbeet Nematode on Cabbage. *Plant Dis. Rep.* 55: 841-845.

EcoReference No.: 89332

Chemical of Concern: 13DPE,DD,DPDP,MBCP; Habitat: T; Effect Codes: GRO,PHY,POP; Code: NO ENDPOINT (13DPE,DD,DPDP,MBCP).

Rajendran, S. and Muthu, M. (1987). Delayed Mortality of Some Stored Product Insects Exposed to Candidate Fumigants. *Indian J. Entomol.* 49: 363-369.

EcoReference No.: 150625

Chemical of Concern: 3CE,ACY,CBND,CH3I,CLP,CTC,EDB,ETO,IDM,MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (3CE,ACY,CH3I,CTC,EDB,IDM), NO ENDPOINT (CBND,CLP,ETO,MB,PPHN), NO TOXICANT (CBND), TARGET (CBND,CLP,ETO,MB).

Rajendran, S. and Muthu, M. (1981). Post-Fumigation Productivity of Sitophilus oryzae (L.) (Coleoptera: Curculionidae) and Tribolium castaneum (Herbst) (Coleoptera: Tenebrionidae) Exposed to Acrylonitrile, Adjuvants of Acrylonitrile, Acrylonitrile-Adjuvant Mixtures and Other Modern Fumigants. *Bull. Entomol. Res.* 71: 163-169.

EcoReference No.: 89375

Chemical of Concern: 3CE,ACY,CLP,CTC,ETO,MB,PPHN; Habitat: T; Effect Codes: MOR,REP; Code: NO EFED CHEM (3CE,ACY,CTC), NO ENDPOINT (MB,PPHN), TARGET (CLP,ETO,MB,PPHN).

Ramakrishna, N., Lacey, J., and Smith, J. E. (1991). Effect of Surface Sterilization, Fumigation and gamma Irradiation on the Microflora and Germination of Barley Seeds. *Int. J. Food Microbiol.* 13: 47-54.

EcoReference No.: 83045

Chemical of Concern: HgCl₂,MB,PPO; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (HgCl₂), NO ENDPOINT (MB,PPO), TARGET (MB,PPO).

Rao, G. V. R., Ravi, U., Surender, A., Murthy, K. S., and Joshi, N. C. (1993). Effect of Phosphine and Methyl Bromide Fumigation of Different Life Stages of Peanut Bruchid, Caryedon serratus Olivier. *Indian J. Plant Prot.* 21: 72-74.

EcoReference No.: 150635

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR,REP; Code: NO CONTROL (MB,PPHN).

Rao, G. V. R., Ravi, U., Surender, A., Murthy, K. S., and Joshi, N. C. (1991). Effect of Phosphine and Methyl Bromide Fumigation on Eggs and Larvae of Rice Moth *Corcyra cephalonica* S., a Common Stored Grain Pest. *Indian J. Plant Prot.* 19: 89-91.

EcoReference No.: 150634

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB,PPHN), TARGET (MB).

Raski, D. J. and Goheen, A. C. (1988). Comparison of 1,3-Dichloropropene and Methyl Bromide for Control of Xiphinema index and Grapevine Fanleaf Degeneration Complex. *Am. J. Enol. Vitic.* 39: 334-336.

EcoReference No.: 93778

Chemical of Concern: 13DPE,DPDP,MB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (13DPE,DPDP,MB).

Reuven, M., Szmulewich, Y., Kolesnik, I., Gamliel, A., Zilberg, V., Mor, M., Cahlon, Y., and Ben-Yephet, Y. (2005). Methyl Bromide Alternatives for Controlling Fusarium Wilt and Root Knot Nematodes in Carnations. In: *Proc.6th Int.Symp., Chemical and Non-Chemical Soil and Substrate Disinfestation, 2004* 698: 99-104.

EcoReference No.: 95424

Chemical of Concern: 13DPE,DPDP,DZM,MB; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (13DPE,DPDP,DZM,MB).

Richardson, H. H. and Roth, H. (1965). Methyl Bromide, Sulfuryl Fluoride, and Other Fumigants Against Quarantinable Cochlicella and Theba Snails. *J. Econ. Entomol.* 58: 690-693.

EcoReference No.: 153040

Chemical of Concern: CBNDS,CLP,CTC,EDB,HCNA,MB,PPHN,SFF; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (CTC,EDB), NO ENDPOINT (CBNDS,CLP,HCNA,MB,PPHN,SFF).

Ritcher, P. O. (1941). Methyl Bromide Fumigation for Destruction of the Strawberry Crown Borer. *J. Econ. Entomol.* 34: 67-72.

EcoReference No.: 27591

Chemical of Concern: MB; Habitat: T; Code: CROP (MB), NO CONTROL (MB), NO ENDPOINT (MB), TARGET (MB).

Ritchie, S. A., Long, S., and Montgomery, B. (2004). Efficacy of Methyl Bromide Fumigation and Insecticidal Dips Against Aedes Eggs on Lucky Bamboo. *J. Am. Mosq. Control Assoc.* 20: 283-285.

EcoReference No.: 81447

Chemical of Concern: ALSV,BFT,CBL,LCYT,MB,MLN; Habitat: AT; Effect Codes: MOR; Code: LITE EVAL CODED (BFT,LCYT), NO ENDPOINT (MB), NO MIXTURE (ALSV,CBL,MLN).

Roark, R. C. and Cotton, R. T. (1929). Tests of Various Aliphatic Compounds as Fumigants. *Tech. Bull.* 162, Dept. Agric., Washington, DC 52 p.

EcoReference No.: 26882

Chemical of Concern: 3CE,4CE,ACAC,ACL,AMYO,ATZ,C6OH,C8OH,CF,CTC,EDB,ELT,ETHN,ETO,FAME,FMA,FML,IP

A,MACL,MB,MOL,PPA,PPNOL,PPO,nBUT; Habitat: T; Effect Codes: MOR; Code: NO CONTROL
(ACAC,ACL,AMyOH,ATZ,C8OH,ETHN,ETO,FAME,MACL,MB,MOL,PPA,PPNOL,PPO,nBUT), NO EFED CHEM (3CE,4CE,C6OH,CF,CTC,EDB,ELT,FMA,FML,IPA), NO ENDPOINT (ETHN,PPNOL), TARGET (ETO,MB,PPO).

Rosenblum, I., Stein, A. A., and Eisinger, G. (1960). Chronic Ingestion by Dogs of Methyl Bromide-Fumigated Food. *Arch. Environ. Health* 1: 316-323.

EcoReference No.: 153059
Chemical of Concern: Halides,MB,NaBr; Habitat: T; Effect Codes: ACC,BCM,GRO,MOR,PHY; Code: NO ENDPOINT (Halides,MB,NaBr).

Roth, H. and Kennedy, J. W. (1973). Helicella Snails Infesting Rosemary Seeds: Methyl Bromide and Other Fumigants for Quarantine Control. *J. Econ. Entomol.* 66: 935-936.

EcoReference No.: 153041
Chemical of Concern: MB; Habitat: T; Effect Codes: MOR,REP; Code: NO ENDPOINT (MB).

Rovira, A. D. and Simon, A. (1985). Growth, Nutrition and Yield of Wheat in Calcareous Sandy Loams of South Australia; Effects of Soil Fumigation, Fungicide, Nematicide and Nitrogen Fertilizers. *Soil Biol. Biochem.* 17(3): 279-284.

EcoReference No.: 44097
Chemical of Concern: ADC,MB; Habitat: T; Effect Codes: GRO; Code: NO CONTROL (ADC,MB), NO ENDPOINT (ADC,MB).

Sanders, P. and Rahman, A. (1992). Destruction of Unwanted Asparagus Crops. In: Popay, A.J.(Ed.), *Proceedings of the Forty Fifth New Zealand Plant Protection Conference, New Zealand Plant Protection Society, Christchurch, New Zealand* 64-66.

EcoReference No.: 120784
Chemical of Concern: GFSNH,GYP,MB,MTS; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (GFSNH,GYP,MB,MTS).

Santos, B. M. (2009). Drip-Applied Metam Potassium and Herbicides as Methyl Bromide Alternatives for Cyperus Control in Tomato. *Crop Prot.* 28: 68-71.

EcoReference No.: 150370
Chemical of Concern: EPTC,KMDC,MBCP,MTC,NPP; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (NPP), NO ENDPOINT (MBCP), NO MIXTURE (KMDC,MTC), OK (EPTC).

Santos, B. M., Gilreath, J. P., and Siham, M. N. (2007). Comparing Fumigant Retention of Polyethylene Mulches for Nutsedge Control in Florida Spodosols. *HortTechnology* 17: 308-311.

EcoReference No.: 153212
Chemical of Concern: MBCP; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (MBCP).

Scudamore, K. A. and Goodship, G. (1992). The Effect of Fumigation with Methyl Bromide on the Germination of Different Varieties of Wheat, Barley and Oats. *Seed Sci. Technol.* 20: 375-390.

EcoReference No.: 153024
Chemical of Concern: MB; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT (MB).

Shaw, D. V., Gordon, T. R., and Larson, K. D. (2002). Runner Plant Cold Storage Reduces Verticillium dahliae Infection of Nursery Origin in Strawberry. *Hortscience* 37: 932-935.

EcoReference No.: 153243

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

Sibanda, Z. and Way, J. (2004). Chemical Alternatives to Methyl Bromide for Seedbed Fumigation. *Acta Hortic. (Wagening.)* 635: 165-173.

EcoReference No.: 153074

Chemical of Concern: 13DPE,DPDP,EDB,MB,MTAS,TC17; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EDB), NO ENDPOINT (13DPE,DPDP,MB,MTAS,TC17).

Sittisuang, P. and Nakakita, H. (1985). The Effect of Phosphine and Methyl Bromide on Germination of Rice and Corn Seeds. *J. Pestic. Sci.* 10: 461-462.

EcoReference No.: 150421

Chemical of Concern: ALP,MB; Habitat: T; Effect Codes: ACC,REP; Code: NO ENDPOINT (ALP,MB).

Small, G. J. (2007). A Comparison Between the Impact of Sulfuryl Fluoride and Methyl Bromide Fumigations on Stored-Product Insect Populations in UK Flour Mills. *J. Stored Prod. Res.* 43: 410-416.

EcoReference No.: 153145

Chemical of Concern: MB,SFF; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (MB,SFF), TARGET (SFF).

Smith, D. H. (1963). Effect of Fumigants on the Soil Status and Plant Uptake of Certain Elements. *Soil Sci. Soc. Am. Proc.* 27: 538-541.

EcoReference No.: 27358

Chemical of Concern: DD,MB; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (DD,MB).

Spencer, H. C., Rowe, V. K., Adams, E. M., and Irish, D. D. (1944). Response of Rats Maintained on Diets Fumigated with Methyl Bromide. *Food Res.* 9: 11-18.

EcoReference No.: 153225

Chemical of Concern: Halides,MB,NaBr; Habitat: T; Effect Codes: ACC,BCM,CEL,GRO,MOR; Code: NO ENDPOINT (Halides,MB,NaBr).

Srinath, D. and Ramchandani, N. P. (1978). Investigations on Fumigation of Walnuts With Methyl Bromide. *J.Food Sci.Technol.* 15: 192-194.

EcoReference No.: 153238

Chemical of Concern: MB; Habitat: T; Effect Codes: ACC,MOR; Code: NO CONTROL (MB).

Stansly, P. A. and Conner, J. M. (1996). Control of Southern Armyworm with *Bacillus thuringiensis* in Staked Tomato, Fall 1994. *Arthropod Manag. Tests* 21: 191-(141E).

EcoReference No.: 152994

Chemical of Concern: CTN,CuOH,MBCP,Maneb; Habitat: T; Effect Codes: POP; Code: NO EFFECT (CTN,CuOH,MBCP,Maneb).

Stansly, P. A., Conner, J. M., and Pomerinke, M. A. (1999). Impact of Biorational Insecticides on Southern Armyworm and Beet Armyworm in Bell Pepper, 1997. *Arthropod Manag. Tests* 24: 149-150 (E62).

EcoReference No.: 88268

Chemical of Concern: MBCP,MOM,TUZ; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT

(MBCP,MOM,TUZ).

Starratt, A. N. and Bond, E. J. (1990). Recovery of Glutathione Levels in Susceptible and Resistant Strains of *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) Following Methyl Bromide Treatment. *J. Stored Prod. Res.* 26: 39-41.

EcoReference No.: 153027

Chemical of Concern: MB; Habitat: T; Effect Codes: BCM,MOR; Code: NO ENDPOINT (MB).

Stone, L. E. W. (1953). Observations on the Occurrence of the Eelworm, *Pratylenchus pratensis* Filipjev, in Delphinium Roots. *Ann. Appl. Biol.* 40: 742-749.

EcoReference No.: 89291

Chemical of Concern: 2CP,DD,MB; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (2CP), NO ENDPOINT (DD,MB).

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EcoReference No.: 41115

Chemical of Concern: HCNA,MB; Habitat: T; Effect Codes: REP; Code: NO CONTROL (HCNA,MB), NO ENDPOINT (HCNA,MB).

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EcoReference No.: 153115

Chemical of Concern: MBCP; Habitat: T; Effect Codes: POP; Code: NO CONTROL (MBCP).

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EcoReference No.: 153227

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

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EcoReference No.: 57816

Chemical of Concern: DD,MB,MTAS; Habitat: T; Effect Codes: POP; Code: NO ENDPOINT (DD,MB,MTAS).

Sulaiman, Z., Rahim, M., Faridah, M. E., and Rasal, M. (1994). A Survey of Phosphine and Methyl Bromide Resistance in Malaysia. In: *E.Highley, E.J. Wright, H.J.Banks and B.R.Champ (Eds.), Proc. 6th Int. Working Conf. on Stored-Product Protection, Vol. 1, Canberra, Australia, 17-23 April 1994, CAB International, Wallingford, Oxon, UK* 1: 192-193.

EcoReference No.: 150755

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (MB,PPHN), NO ENDPOINT (MB,PPHN), TARGET (MB).

Tanaka, S., Arito, H., Abuku, S., and Imamiya, S. (1986). Acute Effect of Methyl Bromide on Sleep-Wakefulness and Its Circadian Rhythms in Rats. *Ind. Health* 24: 249-253 .

EcoReference No.: 153045

Chemical of Concern: Halides,MB,NaBr; Habitat: T; Effect Codes: BEH,PHY; Code: NO EXP

TYPE (Halides,MB,NaBr).

Tanaka, S., Arito, H., Abuku, S., and Imamiya, S. (1988). Acute Effects of Methyl Bromide on Electroencephalographic Activity and Sleep-Wakefulness in Rats. *Ind. Health* 26: 101-114.

EcoReference No.: 153046

Chemical of Concern: MB; Habitat: T; Effect Codes: ACC,BEH,MOR,PHY; Code: NO EXP TYPE (MB).

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EcoReference No.: 153132

Chemical of Concern: MB; Habitat: T; Effect Codes: ACC; Code: NO INHALE (MB).

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EcoReference No.: 89305

Chemical of Concern: CLP,MB; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (CLP), NO ENDPOINT (MB).

Unruh, J. B., Brecke, B. J., Dusky, J. A., and Godbehare, J. S. (2002). Fumigant Alternatives for Methyl Bromide Prior to Turfgrass Establishment. *Weed Technol.* 16: 379-387.

EcoReference No.: 80097

Chemical of Concern: CH3I,DZM,IDM,MBCP,MTAS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (DZM), NO EFED CHEM (CH3I,IDM), NO MIXTURE (MBCP), OK (MTAS).

Van Achter, A., Van Wambeke, E., and Van Assche, C. (1980). Effectivity of Chemical Soil Fumigation and Vinclozolin or Iprodione Fungicide Treatment on Disease Control in Witloof Chicory Forcing Beds. *Meded. Fac. Landbouwwet. Rijksuniv. Gent* 45: 221-226.

EcoReference No.: 79812

Chemical of Concern: DZM,IPD,MB,VCZ; Habitat: T; Effect Codes: PHY,POP; Code: NO ENDPOINT (DZM,IPD,MB,VCZ).

Vandegrift, E. E., Shotwell, O. L., Smith, M. L., and Hesseltine, C. W. (1973). Mycotoxin Formation Affected by Fumigation of Wheat. *Cereal Sci. Today* 18: 412-414.

EcoReference No.: 89204

Chemical of Concern: CLP,DDVP,MB; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (CLP,DDVP,MB), TARGET (CLP,MB).

Wainman, H. E., Chakrabarti, B., and Woodward, M. A. (1980). Control of Insects in Baled Skins by Fumigation with Methyl Bromide and Phosphine. *Int. Pest Control* 22: 28-30.

EcoReference No.: 150602

Chemical of Concern: MB,PPHN; Habitat: T; Effect Codes: POP; Code: NO CONTROL (MB,PPHN), NO ENDPOINT (MB,PPHN), NO MIXTURE (PPHN), TARGET (MB,PPHN).

Wang, K. H., McGovern, R. J., McSorley, R., and Gallaher, R. N. (2004). Cowpea Cover Crop and Solarization for Managing Root-Knot and Other Plant-Parasitic Nematodes in Herb and Vegetable Crops. *Soil Crop Sci. Soc. Fla. Proc.* 63: 99-104.

EcoReference No.: 153061

Chemical of Concern: MBCP; Habitat: T; Effect Codes: GRO,PHY,POP; Code: NO ENDPOINT (MBCP), TARGET (MBCP).

Wensley, R. N. (1953). Microbiological Studies of the Action of Some Selected Soil Fumigants. *Can. J. Bot.* 31: 277-308.

EcoReference No.: 67264

Chemical of Concern: 13DPE,DPDP,EDB,MB; Habitat: T; Effect Codes: POP; Code: NO EFED CHEM (EDB), NO ENDPOINT (13DPE,DPDP,MB), TARGET (13DPE,DPDP,MB).

Wester, P. W. and Canton, J. H. (1991). The Usefulness of Histopathology in Aquatic Toxicity Studies. *Comp. Biochem. Physiol. C Pharmacol. Toxicol. Endocrinol.* 100: 115-117.

EcoReference No.: 9631

Chemical of Concern: Halides,MB,NaBr,TBTO; Habitat: A; Effect Codes: CEL; Code: LITE EVAL CODED (Halides,NaBr,TBTO), NO CONC (MB).

Wester, P. W., Canton, J. H., and Dormans, J. A. M. (1988). Pathological Effects in Freshwater Fish *Poecilia reticulata* (Guppy) and *Oryzias latipes* (Medaka) Following Methyl Bromide and Sodium Bromide. *Aquat. Toxicol.* 12: 323-344.

EcoReference No.: 6059

Chemical of Concern: Halides,MB,NaBr; Habitat: A; Effect Codes: BEH,GRO,MOR; Code: LITE EVAL CODED (Halides,NaBr), NO CONTROL (MB), NO ENDPOINT (MB).

Williams, P., Minett, W., Buchanan, S. A., Wilson, A. D., Savage, P., Rosenbaum, H., and Guiffre, V. (1985). Assessment of the Commercial Application of a Methyl Bromide and Carbon Dioxide Mixture for the Control of Grain Insects. *Plant Prot. Q.* 1: 51-56.

EcoReference No.: 153028

Chemical of Concern: CBNDO,MB; Habitat: T; Effect Codes: MOR; Code: NO CONTROL (CBNDO,MB), TARGET (CBNDO).

Williams, T. D. and Salt, G. A. (1970). The Effects of Soil Sterilants on the Cereal Cyst-nematode (*Heterodera avenae*), Take-all (*Ophiobolus graminis* Sacc.) and Yields of Spring Wheat and Barley. *Ann. Appl. Biol.* 66: 329-338.

EcoReference No.: 79913

Chemical of Concern: CLP,DPDP,DZM,FML,HgCl₂,MB; Habitat: T; Effect Codes: PHY,POP; Code: NO EFED CHEM (FML,HgCl₂), NO ENDPOINT (CLP,DPDP,DZM,MB).

Witt, K. L., Knapton, A., Wehr, C. M., Hook, G. J., Mirsalis, J., Shelby, M. D., and MacGregor, J. T. (2000). Micronucleated Erythrocyte Frequency in Peripheral Blood of B6C3F1 Mice from Short-Term, Prechronic, and Chronic Studies of the NTP Carcinogenesis Bioassay Program. *Environ. Mol. Mutagen.* 36: 163-194.

EcoReference No.: 116496

Chemical of Concern:

AN,BNZ,CASTOR,CuS,DCB,EDB,ETHB,GLU,GYP,HCCP,MACL,MB,MEG,NaCr,OCRE,PPCP,TEAM; Habitat: T; Effect Codes: CEL; Code: LITE EVAL CODED (CASTOR,CuS,DCB,GYP,MACL,MEG,OCRE), NO EFED CHEM (AN,BNZ,EDB,GLU,HCCP,NaCr,PPCP,TEAM), NO INHALE (EDB,ETHB,GLU,HCCP,MB), NO PUBL AS (BNZ).

Xue, S., Gan, J., Yates, S. R., and Becker, J. O. (2000). Nematode Response to Methyl Bromide and

1,3-Dichloropropene Soil Fumigation at Different Temperatures. *Pest Manag. Sci.* 56: 737-742.

EcoReference No.: 66659

Chemical of Concern: 13DPE,DPDP,MB; Habitat: T; Effect Codes: MOR,PHY; Code: NO ENDPOINT (MB), TARGET (13DPE,DPDP).

Yamamoto, O., Hori, H., Tanaka, I., Asahi, M., and Koga, M. (2000). Experimental Exposure of Rat Skin to Methyl Bromide: a Toxicokinetic and Histopathological Study. *Arch. Toxicol.* 73: 641-648.

EcoReference No.: 153129

Chemical of Concern: MB; Habitat: T; Effect Codes: ACC,BCM,CEL,MOR; Code: NO ENDPOINT (MB).

Yonglin, R., Desmarchelier, J. M., and Watson, F. (1997). Effect of Grain Fumigants on Lipids In Vivo and In Vitro. *J. Agric. Food Chem.* 45: 2626-2629.

EcoReference No.: 97697

Chemical of Concern: CBNDS,MB,PPHN; Habitat: T; Effect Codes: BCM; Code: NO ENDPOINT (CBNDS,MB,PPHN).

Youngner, V. B. and Goodin, J. R. (1961). Control of Pennisetum clandestinum, Kikuyugrass. *Weeds (Urbana)* 9: 238-242.

EcoReference No.: 40714

Chemical of Concern: AMTL,EPTC,Halides,MB,MLH,NAA,NaBr,NaClO,SZ; Habitat: T; Effect Codes: POP,REP; Code: NO CONTROL (AMTL,EPTC,Halides,MB,NaBr,SZ), NO EFED CHEM (NAA,NaClO), NO ENDPOINT (AMTL,EPTC,Halides,MB,NaBr,SZ), OK (MLH).

Youngson, C. R., Baker, R. G., and Goring, C. A. I. (1962). Diffusion and Pest Control by Methyl Bromide and Chloropicrin Applied to Covered Soil. *J. Agric. Food Chem.* 10: 21-26.

EcoReference No.: 153049

Chemical of Concern: CLP,MB; Habitat: T; Effect Codes: REP; Code: NO ENDPOINT (CLP,MB).