

Appendix H – Bibliography of ECOTOX Open Literature

Metam Sodium Refresh October 2010
Papers that Were Accepted

Acceptable for Ecotox and OPP

Adams, P. B., Johnston, S. A., Krikun, J., and Carpenter, H. E. (1983). Application of Metham Sodium by Sprinkler Irrigation to Control Lettuce drop Caused by *Sclerotinia minor*. *Plant Dis.* 67: 24-26.

EcoReference No.: 111338

Chemical of Concern: DD,MITC,MTAS; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (MTAS), NO MIXTURE (DD,MITC).

Berbegal, M., Garcia-Jimenez, J., and Armengol, J. (2008). Effect of Cauliflower Residue Amendments and Soil Solarization on Vorticillium Wilt Control in Artichoke. *Plant Dis.* 92: 595-600.

EcoReference No.: 150362

Chemical of Concern: MTAS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTAS).

Candole, B. L., Csinos, A. S., and Wang, D. (2007). Concentrations in Soil and Efficacy of Drip-Applied 1,3-Dichloropicrin and Metam Sodium in Plastic-mulched Sandy Soil Beds. *Crop Prot.* 26: 1801-1809.

EcoReference No.: 150363

Chemical of Concern: MTAS,TC17; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (MTAS,TC17).

Desaeger, J. A., Seebold, K. W., and Csinos, A. S. (2008). Effect of Application Timing and Method on Efficacy and Phytotoxicity of 1,3-D, Chloropicrin and Metam-Sodium Combinations in Squash Plasticulture. *Pest Manag. Sci.* 64: 230-238.

EcoReference No.: 150365

Chemical of Concern: MTAS; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (MTAS).

Diaz-Perez, M., Camacho-Ferre, F., Dianez-Martinez, F., De Cara-Garcia, M., and Tello-Marquina, J. C. (2009). Evaluation of Alternatives to Methyl Bromide in Melon Crops in Guatemala. *Microb. Ecol.* 57: 379-383.

EcoReference No.: 150366

Chemical of Concern: 13DPE,DPDP,MTAS; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (13DPE,DPDP,MTAS).

Gerik, J. S. (2005). Evaluation of Soil Fumigants Applied by Drip Irrigation for Liatris Production. *Plant Dis.* 89: 883-887.

EcoReference No.: 89504

Chemical of Concern: ASCN,CH3I,CLP,DPDP,FUR,IDM,MTAS,NaN3; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (CLP,FUR,MTAS,NaN3), NO MIXTURE (ASCN,CH3I,DPDP,IDM), TARGET (MTAS).

Johnson III, W. C. and Mullinix, B. G. Jr. (2007). Yellow Nutsedge (*Cyperus esculentus*) Control with Metham-Sodium in Transplanted Cantaloupe (*Cucumis melo*). *Crop Prot.* 26: 867-871.

EcoReference No.: 101039

Chemical of Concern: MTAS; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (MTAS).

Klose, S., Ajwa, H. A., Browne, G. T., Subbarao, K. V., Martin, F. N., Fennimore, S. A., and Westerdahl, B. B. (2008). Dose Response of Weed Seeds, Plant-Parasitic Nematodes, and Pathogens to Twelve Rates of Metam Sodium in a California Soil. *Plant Dis.* 92: 1537-1546.

EcoReference No.: 150360

Chemical of Concern: MTAS; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (MTAS).

Lewis, S. (1964). Pot Tests on the Effect of Sodium Methyl Dithiocarbamate on Potato Root Eelworm. *Plant Pathol.* 13: 108-110.

EcoReference No.: 108743

Chemical of Concern: MTAS; Habitat: T; Effect Codes: MOR,POP; Code: LITE EVAL CODED (MTAS).

Particka, C. A. and Hancock, J. F. (2008). Breeding for Increased Tolerance to Black Root Rot in Strawberry. *Hortscience* 43: 1698-1702.

EcoReference No.: 150426

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

Rath, N. C., Huff, W. E., Huff, G. R., and Kannan, L. (2007). Induction of Tibial Dyschondroplasia by Carbamate and Thiocarbamate Pesticides. *Avian Dis.* 51: 590-593.

EcoReference No.: 98748

Chemical of Concern: CBL,ETU,FBM,KDDC,MTAS,THM,Ziram; Habitat: T; Effect Codes: CEL,GRO,PHY; Code: LITE EVAL CODED (CBL,ETU,FBM,KDDC,MTAS,THM,Ziram).

Santos, B. M. and Gilreath, J. P. (2007). Effects of Water Delivery Volume, Rates and Concentrations of Metam Potassium on Purple Nutsedge Emergence in Mulched Beds. *HortTechnology* 17: 191-194.

EcoReference No.: 150352

Chemical of Concern: KMDC; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (KMDC).

Santos, B. M., Mora-Bolanos, J. E., and Solorzano-Arroyo, J. A. (2008). Impact of Solarization and Soil Fumigants on Hot Pepper Production in High-Tunnels. *Asian J. Plant Sci.* 7: 113-115.

EcoReference No.: 150353

Chemical of Concern: 13DPE,CLP,DPDP,MB,MTAS; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (MTAS), NO MIXTURE (13DPE,CLP,DPDP,MB).

Stadtherr, R. J. and Widmer, R. E. (1959). Chemical Weed Control in Garden Chrysanthemums. *Weeds* 7: 82-87.

EcoReference No.: 25228

Chemical of Concern: CPP,DSMA,DZM,EPTC,MTAS,NPM,SZ; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (CPP,DSMA,DZM,EPTC,MTAS,NPM,SZ).

Thies, W. G. and Nelson, E. E. (1996). Reducing *Phellinus weirii* Inoculum by Applying Fumigants to Living Douglas-Fir. *Can. J. For. Res.* 26: 1158-1165.

EcoReference No.: 89235

Chemical of Concern: CLP,MITC; Habitat: T; Effect Codes: GRO,MOR,POP; Code: LITE EVAL CODED (CLP,MITC).

Tilton, F. and Tanguay, R. L. (2008). Exposure to Sodium Metam During Zebrafish Somitogenesis Results in Early Transcriptional Indicators of the Ensuing Neuronal and Muscular Dysfunction. *Toxicol. Sci.* 106: 103-112.

EcoReference No.: 115669

Chemical of Concern: MTAS; Habitat: A; Effect Codes: CEL; Code: LITE EVAL CODED (MTAS).

Triky-Dotan, S., Austerweil, M., Steiner, B., Peretz-Alon, Y., Katan, J., and Gamliel, A. (2009). Accelerated Degradation of Metam-Sodium in Soil and Consequences for Root-Disease Management. *Phytopathology* 99: 362-368.

EcoReference No.: 150372

Chemical of Concern: MTAS; Habitat: T; Effect Codes: POP; Code: LITE EVAL CODED (MTAS).

Van Schoor, L., Denman, S., and Cook, N. C. (2009). Characterisation of Apple Replant Disease under South African Conditions and Potential Biological Management Strategies. *Sci. Hortic.* 119: 153-162.

EcoReference No.: 150513

Chemical of Concern: CLP,MB,MTAS; Habitat: T; Effect Codes: GRO,POP; Code: LITE EVAL CODED (CLP,MB,MTAS).

Westerdahl, B. B., Carlson, H. L., Grant, J., Radewald, J. D., Welch, N., Anderson, C. A., Darso, J., Kirby, D., and Shibuya, F. (1992). Management of Plant-Parasitic Nematodes with a Chitin-Urea Soil Amendment and Other Materials. *J. Nematol.* 24: 669-680.

EcoReference No.: 97789

Chemical of Concern: 13DPE,DPDP,DZM,EP,FMP,MTAS,NaTTC,OML,Urea; Habitat: T; Effect Codes: PHY,POP; Code: LITE EVAL CODED (13DPE,DPDP,DZM,EP,FMP,MTAS,NaTTC,OML,Urea).

Zasada, I. A., Elmore, C. L., Yakabe, L. E., and MacDonald, J. D. (2007). Evaluation of Propargyl Bromide as a Soil Fumigant. *Hortscience* 42: 1212-1216.

EcoReference No.: 150354

Chemical of Concern: CH3I,CLP,IDM,MTAS; Habitat: T; Effect Codes: POP,REP; Code: LITE EVAL CODED (CH3I,IDM,MTAS), NO MIXTURE (CLP) .

Zasada, I. A. and Ferris, H. (2003). Sensitivity of *Meloidogyne javanica* and *Tylenchulus semipenetrans* to Isothiocyanates in Laboratory Assays. *Phytopathology* 93: 747-750.

EcoReference No.: 111017

Chemical of Concern: ASCN,MITC,MTAS; Habitat: T; Effect Codes: MOR; Code: LITE EVAL CODED (ASCN,MITC,MTAS).