

APPENDIX G2
Diflubenzuron
Papers that Were Accepted for ECOTOX

Acceptable to EcoTox and OPP

Abramson, C. I., Squire, J., Sheridan, A., and Mulder, P. G. Jr. (2004). The Effect of Insecticides Considered Harmless to Honey Bees (*Apis mellifera*): Proboscis Conditioning Studies by Using the Insect Growth Regulators Tebufenozide and Diflubenzuron. *Environ.Entomol.* 33: 378-388.

EcoReference No.: 90882

Chemical of Concern: TUZ,DFZ; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(TUZ,DFZ).

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: 24DB,CPY,DFZ,GYPI,PQT,ASM; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(GYPI,CPY,PQT,DFZ).

Ali, A., Chowdhury, M. A., Hossain, M. I., Ameen, M., Habiba, D. B., and Aslam, A. F. M. (1999). Laboratory Evaluation of Selected Larvicides and Insect Growth Regulators Against Field-Collected *Culex quinquefasciatus* Larvae from Urban Dhaka, Bangladesh. *J.Am.Mosq.Control Assoc.* 15: 43-47.

EcoReference No.: 62487

Chemical of Concern: TMP,FPN,BFT,FNTH,CPYM,DFZ,CPY,CYP,MLN,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FPN,CYP,MLN,CPY,CPYM,PMR,TMP,DFZ).

Ali, A. and Mulla, M. S. (1978). Effects of Chironomid Larvicides and Diflubenzuron on Nontarget Invertebrates in Residential-Recreational Lakes. *Environ.Entomol.* 7: 21-27.

EcoReference No.: 5133

Chemical of Concern: CPY,DFZ,TMP; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CPY,DFZ),OK(TMP).

Ali, A. and Mulla, M. S. (1978). Impact of the Insect Growth Regulator Diflubenzuron on Invertebrates in a Residential-Recreational Lake. *Arch.Environ.Contam.Toxicol.* 7: 483-491.

EcoReference No.: 12203

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Ali, A. and Nayar, J. K. (1987). Laboratory Toxicity of a New Benzoylphenylurea Insect Growth Regulator (UC-84572) Against Mosquitoes and Chironomid Midges. *J.Am.Mosq.Control Assoc.* 3: 309-311.

EcoReference No.: 12516

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Ali, A., Nayar, J. K., and Xue, R. D. (1995). Comparative Toxicity of Selected Larvicides and Insect Growth Regulators to a Florida Laboratory Population of *Aedes albopictus*. *J.Am.Mosq.Control Assoc.* 11: 72-76.

EcoReference No.: 16077

Chemical of Concern: PYX,BFT,DFZ,FNTH,MLN,CPY,TMP,CYP,PMR,MTPN,CPYM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(CPYM,CPY,MLN,MTPN,CYP,BFT,PMR,TMP,DFZ),OK(PYX,FNTH).

Ali, O., Dunne, R., and Brennan, P. (1999). Effectiveness of the Predatory Mite *Hypoaspis miles* (Acari: Mesostigmata: Hypoaspidae) in Conjunction with Pesticides for Control of the Mushroom Fly *Lycoriella solani* (Diptera: Sciaridae). *Exp.Appl.Acarol.* 23: 65-77.

EcoReference No.: 109859

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

Amin, A. M. and White, G. B. (1984). Resistance Potential of *Culex quinquefasciatus* Against the Insect Growth Regulators Methoprene and Diflubenzuron. *Entomol.Exp.Appl.* 36: 69-76.

EcoReference No.: 11463

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(MTPN,DFZ).

Ansari, M. A., Razdan, R. K., and Sreehari, U. (2005). Laboratory and Field Evaluation of Hilmilin Against Mosquitoes. *J.Am.Mosq.Control Assoc.* 21: 432-436.

EcoReference No.: 98735

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,POP,GRO; Rejection Code: LITE EVAL
CODED(DFZ),NO COC(NER).

Baktharatchagan, R., Rita, C., and Jebanesan, A. (1993). Laboratory Evaluation of Two Insect Growth Regulators Against Some Vector Mosquitoes. *J.Insect Sci.* 6: 276-278.

EcoReference No.: 110223

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL
CODED(DFZ).

Barker, R. J. and Waller, G. D. (1978). Effects of Diflubenzuron Wettable Powder on Caged Honey Bee Colonies. *Environ.Entomol.* 7: 534-535.

EcoReference No.: 35029

Chemical of Concern: DFZ; Habitat: T; Rejection Code: LITE EVAL CODED(DFZ).

Barrows, E. M., Wolf, S. S., and Lynch, D. M. (1994). Diflubenzuron Effect on Yellowjacket (Hymenoptera: Vespidae) Worker Numbers in a Central Appalachian Broadleaf Forest. *J.Econ.Entomol.* 87: 1488-1493.

EcoReference No.: 110954

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

Baruah, I. and Das, S. C. (1996). Evaluation of Methoprene (Altosid) and Diflubenzuron (Dimilin) for Control of Mosquito Breeding in Tezpur (Assam). *Indian J.Malariol.* 33: 61-66.

EcoReference No.: 59280

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL
CODED(MTPN,DFZ).

Beck, L., Rombke, J., Ruf, A., Prinzing, A., and Woas, S. (2004). Effects of Diflubenzuron and *Bacillus thuringiensis* var. *kurstaki* Toxin on Soil Invertebrates of a Mixed Deciduous Forest in the Upper Rhine

Valley, Germany. *Eur.J.Soil Biol.* 40: 55-62 (doi: 10.1016/j.ejsobi.2003.08.003).

EcoReference No.: 111061

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

Belluck, D. and Felsot, A. (1981). Bioconcentration of Pesticides by Egg Masses of the Caddisfly, *Triaenodes tardus* Milne. *Bull.Environ.Contam.Toxicol.* 26: 299-306 .

EcoReference No.: 2340

Chemical of Concern: DDT,DLD,DFZ,MXC,MLN,CBF,TBO,HCB; Habitat: A; Effect Codes: ACC; Rejection Code: LITE EVAL CODED(MLN,TBO,CBF,DFZ).

Bentley, J. P., Weber, G. H., and Gould, D. (1979). The Effect of Diflubenzuron Feeding on Glycosaminoglycan and Sulfhemoglobin Biosynthesis in Mice. *Pestic.Biochem.Physiol.* 10: 162, 167 (doi: 10.1016/0048-3575(79)90017-8).

EcoReference No.: 110364

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

Berberian, I. G. and Enan, E. E. (1989). Hematological Studies on White Male Rats Exposed to Some Antimoulting Compounds. *Bull.Environ.Contam.Toxicol.* 43: 60-65.

EcoReference No.: 110133

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

Bernhardt, J. L. (1998). Control of Rice Water Weevil with Dimilin, 1997. *Arthropod Manag.Tests* 23: 258 (103F).

EcoReference No.: 110520

Chemical of Concern: CBF,TBC,PPN,DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,CBF),NO ENDPOINT(TBC,PPN) .

Bhakshi, N., Bhasin, V. K., and Pillai, M. K. K. (1982). Laboratory Evaluation of Insect Growth Regulating Compounds Against Mosquitoes. *Entomon* 7: 469-473.

EcoReference No.: 111091

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Booth, G. M. and Ferrell, D. (1977). Degradation of Dimilin by Aquatic Foodwebs. In *M.A.Q.Khan (Ed.), Pesticides in Aquatic Environments*, Plenum Press, NY 221-243.

EcoReference No.: 4895

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP,ACC; Rejection Code: LITE EVAL CODED(DFZ).

Bradt, P. T. and Williams, J. A. (1990). Response of Hydropsychidae (Insecta: Trichoptera) Larvae to Diflubenzuron. *J.Pa.Acad.Sci.* 64: 19-22.

EcoReference No.: 110124

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Brunner, J. F., Dunley, J. E., Doerr, M. D., and Beers, E. H. (2001). Effect of Pesticides on *Colpoclypeus florus*

(Hymenoptera: Eulophidae) and Trichogramma platneri (Hymenoptera: Trichogrammatidae), Parasitoids of Leafrollers in Washington. *J.Econ.Entomol.* 94: 1075-1084.

EcoReference No.: 63713

Chemical of Concern:

AZ,DZ,DMT,MP,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ,AZD,CPY,PSM,VCZ; Habitat: T; Effect Codes: MOR,BEH,REP; Rejection Code: LITE EVAL CODED(MP,AZ,DZ,CPY,DMT,MDT,PSM,OML,CBL,FTT,AMZ,PMR,ES,EFV,IMC,SS,PPG,DFZ,FYC,TUZ,MFZ,AZD,VCZ).

Buckner, C. H., McLeod, B. B., and Kingsbury, P. D. (1975). The Effect of an Experimental Application of Dimilin upon Selected Forest Fauna. *Rep.CC-X-97, Chem.Control.Res.Inst., Ottawa, Canada* 26 p.

EcoReference No.: 4661

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: POP,GRO,MOR; Rejection Code: LITE EVAL CODED(DFZ).

Butaye, L. and Degheele, D. (1995). Benzoylphenyl Ureas Effect on Growth and Development of Eulophus pennicornis (Hymenoptera: Eulophidae), a Larval Ectoparasite of the Cabbage Moth (Lepidoptera: Noctuidae). *J.Econ.Entomol.* 88: 600-605.

EcoReference No.: 110135

Chemical of Concern: HFR,DFZ; Habitat: T; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(DFZ),OK(HFR).

Catangui, M. A., Fuller, B. W., Walz, A. W., Boetel, M. A., and Brinkman, M. A. (1996). Abundance, Diversity, and Spatial Distribution of Ants (Hymenoptera: Formicidae) on Mixed-Grass Rangelands Treated with Diflubenzuron. *Environ.Entomol.* 25: 757-766.

EcoReference No.: 110134

Chemical of Concern: CBL,DFZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ),OK(CBL).

Cecil, H. C., Miller, R. W., and Corley, C. (1981). Feeding Three Insect Growth Regulators to White Leghorn Hens: Residues in Eggs and Tissues and Effects on Production and Reproduction. *Poult.Sci.* 60: 2017-2027.

EcoReference No.: 36112

Chemical of Concern: DFZ; Habitat: T; Effect Codes: GRO,REP,ACC,MOR; Rejection Code: LITE EVAL CODED(DFZ).

Chandler, L. D. and Ruberson, J. R. (1996). Toxicity of Four Common Insecticides to Field-Collected Beet Armyworm Larvae. *Southwest.Entomol.* 21: 189-203.

EcoReference No.: 68637

Chemical of Concern: CYP,CPY,DFZ,TDC; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY,DFZ,TDC).

Charmillot, P. J., Gourmelon, A., Fabre, A. L., and Pasquier, D. (2001). Ovicidal and Larvicidal Effectiveness of Several Insect Growth Inhibitors and Regulators on the Codling Moth *Cydia pomonella* L. (Lep., Tortricidae). *J.Appl.Entomol.* 125: 147-153.

EcoReference No.: 82550

Chemical of Concern: MFZ,TUZ,FYC,HFR,DFZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MFZ,TUZ,FYC,HFR,DFZ).

Christiansen, M. E. Jr. and Costlow, J. D. Jr. (1980). Persistence of the Insect Growth Regulator Dimilin in Brackish

Water: A Laboratory Evaluation Using Larvae of an Estuarine Crab as Indicator. *Helgol.Meeresunters.* 33: 327-332.

EcoReference No.: 6417

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(DFZ).

Clark, J. M., Edman, S. J., Nagy, S. R., Canhoto, A., Hecht, F., and Van Houten, J. (1995). Action of DDT and Pyrethroids on Calcium Channels in *Paramecium tetraurelia*. In: *J.M.Clark (Ed.), ACS Symp.Ser.No.591, Molecular Action of Insecticides on Ion Channels, 207th Natl.Meet.of the Am.Chem.Soc., Mar.13-17, 1994, San Diego, CA* 173-190.

EcoReference No.: 69955

Chemical of Concern: RSM,DFZ,DM,DDT,DLD; Habitat: A; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(DFZ,RSM),NO COC(TLM),OK(DM,DDT,DLD).

Colwell, A. E. and Schaefer, C. H. (1980). Diets of *Ictalurus nebulosus* and *Pomoxis nigromaculatus* Altered by Diflubenzuron. *Can.J.Fish.Aquat.Sci.* 37: 632-639.

EcoReference No.: 6421

Chemical of Concern: DFZ; Habitat: A; Effect Codes: BEH,GRO,POP,ACC; Rejection Code: LITE EVAL CODED(DFZ).

Cooper, R. J., Dodge, K. M., Martinat, P. J., Donahoe, S. B., and Whitmore, R. C. (1990). Effect of Diflubenzuron Application on Eastern Deciduous Forest Birds. *J.Wildl.Manag.* 54: 486-493.

EcoReference No.: 77338

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

Costlow, J. D. (1979). Effect of Dimilin on Development of Larvae of the Stone Crab *Menippe mercenaria*, and the Blue Crab, *Callinectes sapidus*. In: *W.B.Vernberg, et al.(Eds.), Marine Pollution: Functional Responses, Academic Press, New York, NY* 355-363.

EcoReference No.: 6807

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Craggs, R., Golding, L., Clearwater, S., Susarla, L., and Donovan, W. (2005). Control of Chironomid Midge Larvae in Wastewater Stabilisation Ponds: Comparison of Five Compounds. *Water Sci.Technol.* 51: 191-199.

EcoReference No.: 111364

Chemical of Concern: PYX,DFZ,MTPN,MLN; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DFZ),OK(MTPH,MLN).

Crookshank, H. R., Sowa, B. A., Kubena, L., Holman, G. M., Smalley, H. E., and Morison, R. (1977). Effect of Diflubenzuron (Dimilin; TH-6040) on the Hyaluronic Acid Concentration in Chicken Combs. *Poult.Sci.* 57: 1-11.

EcoReference No.: 36289

Chemical of Concern: DFZ; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DFZ).

Cunningham, P. A. and Myers, L. E. (1987). Effects of Diflubenzuron (Dimilin) on Survival, Molting, and Behavior of Juvenile Fiddler Crabs, *Uca pugilator*. *Arch.Environ.Contam.Toxicol.* 16: 745-752.

EcoReference No.: 2525

Chemical of Concern: DFZ,NaPCP; Habitat: A; Effect Codes: MOR,BEH,GRO; Rejection Code: LITE EVAL CODED(DFZ).

Da Silva, J. J. and Mendes, J. (2007). Susceptibility of *Aedes aegypti* (L) to the Insect Growth Regulators Diflubenzuron and Methoprene in Uberlandia, State of Minas Gerais. *Rev.Soc.Bras.Med.Trop.* 40: 612-616.

EcoReference No.: 111063

Chemical of Concern: MTPN,DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ),OK(MTPN).

De Nardo, E. A. B. and Grewal, P. S. (2003). Compatibility of *Steinernema feltiae* (Nematoda: Steinernematidae) with Pesticides and Plant Growth Regulators Used in Glasshouse Plant Production. *Biocontrol Sci.Technol.* 13: 441-448.

EcoReference No.: 71382

Chemical of Concern: SS,PCNB,MFX,FTL,FX,AZX,TPM,IPD,DFZ,CLT,ACP,ACM,PBZ; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ACP,PBZ,CLT,IPD,DFZ),NO COC(FYC).

De Reede, R. H. (1982). A Field Study on the Possible Impact of the Insecticide Diflubenzuron on Insectivorous Birds. *Agro-Ecosystems* 7: 327-342.

EcoReference No.: 36376

Chemical of Concern: DFZ; Habitat: T; Effect Codes: REP,MOR,GRO,ACC; Rejection Code: LITE EVAL CODED(DFZ).

Draredja-Beldi, H. and Soltani, N. (2001). Effects of Diflubenzuron on Growth and Glutathione in Mosquito Fish (*Gambusia affinis*). *Med.Landbouww.Univ.Gent.* 66: 857-862 .

EcoReference No.: 110220

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,BCM; Rejection Code: LITE EVAL CODED(DFZ).

El-Shahaway, M. I., Chaudhary, J. P., and Sharma, P. D. (1991). Influence of Insecticidal Applications and Spray Intervals on Auxiliary Plant Characters of American Cotton (*Gossypium hirsutum*). *Ann.Biol.* 7: 97-100.

EcoReference No.: 93225

Chemical of Concern: FNV,DM,DFZ; Habitat: T; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(FNV,DM,DFZ).

El-Wakil, H. B. and Attia, A. M. (1999). Effect of Selected Insecticides on Terrestrial Snails *Eobania vermiculata* (Muller) and *Theba pisana* (Muller) with Respect to Some Morphological Changes in Egypt. *J.Environ.Sci.Health Part B* 34: 47-60.

EcoReference No.: 72657

Chemical of Concern: MOM,DFZ; Habitat: T; Effect Codes: GRO,MOR; Rejection Code: LITE EVAL CODED(DFZ),TARGET(MOM).

Escobar, E. N. (1978). The Effects of Feeding Diflubenzuron (TH 6040 or Dimilin) to Sheep and Swine on Reproduction and Growth. *Ph.D.Thesis, Univ.of Maryland, MD* 122 p. (Order Number: AAD78-23995).

EcoReference No.: 111243

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

Fetterer, R. H., Urban, J. F. Jr., and Miller, R. W. (1989). Effects of the Chitin Synthesis Inhibitor Diflubenzuron on Development of *Ascaris suum* and *Haemonchus contortus*. *Vet.Parasitol.* 32: 181, 192 (doi: 10.1016/0304-4017(89)90119-2).

EcoReference No.: 110219

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

Forward, R. B. Jr. and Costlow, J. D. Jr. (1978). Sublethal Effects of Insect Growth Regulators upon Crab Larval Behavior. *Water Air Soil Pollut.* 9: 227-238.

EcoReference No.: 6122

Chemical of Concern: DFZ; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(DFZ).

Fuhrman, J. A. and Piessens, W. F. (1985). Chitin Synthesis and Sheath Morphogenesis in *Brugia malayi* Microfilariae. *Mol.Biochem.Parasitol.* 17: 93, 104 (doi: 10.1016/0166-6851(85)90130-6).

EcoReference No.: 110218

Chemical of Concern: DFZ; Habitat: T; Effect Codes: REP,PHY,BCM; Rejection Code: LITE EVAL CODED(DFZ).

Gartenstein, S., Quinnell, R. G., and Larkum, A. W. D. (2006). Toxicity Effects of Diflubenzuron, Cypermethrin and Diazinon on the Development of *Artemia salina* and *Heliocidaris tuberculata*. *Australas.J.Ecotoxicol.* 12: 83-90.

EcoReference No.: 110161

Chemical of Concern: DZ,DFZ,CYP; Habitat: A; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(DZ,DFZ,CYP).

Gretenkord, C. and Drescher, W. (1996). Laboratory and Cage Test Methods for the Evaluation of the Effects of Insect Growth Regulators (Insegar, Dimilin) on the Brood of *Bombus terrestris* L. *Proc.6th Int.Symp.on the Hazard of Pesticides to Bees (ICPBR), Sept.17-19, Appendix 29, Braunschweig, Germany* 5 p.

EcoReference No.: 99380

Chemical of Concern: FYC,DFZ; Habitat: T; Effect Codes: MOR,REP,GRO; Rejection Code: LITE EVAL CODED(DFZ).

Grewal, P. S., Richardson, P. N., Collins, G., and Edmondson, R. N. (1992). Comparative Effects of *Steinernema feltiae* (Nematoda: Steinernematidae) and Insecticides on Yield and Cropping of the Mushroom *Agaricus bisporus*. *Ann.Appl.Biol.* 121: 511-520.

EcoReference No.: 85030

Chemical of Concern: DZ,DFZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DFZ),NO MIXTURE(DZ).

Griffith, M. B., Barrows, E. M., and Perry, S. A. (2000). Effect of Diflubenzuron on Flight of Adult Aquatic Insects (Plecoptera, Trichoptera) Following Emergence During the Second Year After Aerial Application. *J.Econ.Entomol.* 93: 1695-1700.

EcoReference No.: 59445

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Griffith, M. B., Barrows, E. M., and Perry, S. A. (1996). Effects of Aerial Application of Diflubenzuron on Emergence and Flight of Adult Aquatic Insects. *J.Econ.Entomol* 89: 442-446.

EcoReference No.: 109865

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DFZ).

Grigarick, A. A., Smith, K. A., Oraz, M. J., and Hesler, L. S. (1994). Diflubenzuron for Rice Water Weevil Larval Control, 1987. *Arthropod Manag.Tests* 19: 253 (106F).

EcoReference No.: 110139

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Grigarick, A. A., Webster, R. K., Meyer, R. P., Zalom, F. G., and Smith, K. A. (1990). Effect of Pesticide Treatments on Nontarget Organisms in California Rice Paddies: I. Impact of Triphenyltin Hydroxide. *Hilgardia* 58: 1-36.

EcoReference No.: 111232

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Grosscurt, A. C. and Wixley, R. A. J. (1991). Effects of Temperature on Acaricidal and Insecticidal Activities of the Benzoylureas Flucycloxuron and Diflubenzuron. *Entomol.Exp.Appl.* 59: 239-248.

EcoReference No.: 110160

Chemical of Concern: FCX,DFZ; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ,FCX).

Gupta, P. R. and Chandel, R. S. (1995). Effects of Diflubenzuron and Penfluron on Workers of *Apis Cerana indica* F. and *Apis mellifera* L. *Apidologie* 26: 3-10.

EcoReference No.: 110125

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

Hagley, E. A. C. and Laing, J. E. (1989). Effect of Pesticides on Parasitism of Artificially Distributed Eggs of the Codling Moth, *Cydia pomonella* (Lepidoptera: Tortricidae) by *Trichogramma* spp. (Hymenoptera: Trichogrammatidae). *Proc.Entomol.Soc.Ont.* 120: 25-33.

EcoReference No.: 92089

Chemical of Concern: Captan,AZ,DFZ,PMR,MOM,DOD,Maneb; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ),OK(Captan,Maneb),NO MIXTURE(PMR,MOM,AZ).

Hansen, S. R. and Garton, R. R. (1982). Ability of Standard Toxicity Tests to Predict the Effects of the Insecticide Diflubenzuron on Laboratory Stream Communities. *Can.J.Fish.Aquat.Sci.* 39: 1273-1288.

EcoReference No.: 11595

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(DFZ).

Hara, A. H. and Kaya, H. K. (1982). Effects of Selected Insecticides and Nematicides on the In Vitro Development of the Entomogenous Nematode *Neoaplectana carpocapsae*. *J.Nematol.* 14: 486-491.

EcoReference No.: 93148

Chemical of Concern: MXC,DFZ,CBF,MOM,FNV; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(FNV,DFZ),OK(MXC,MOM,CBF).

Hatakoshi, M., Kawada, H., Nishida, S., Kisida, H., and Nakayama, I. (1987). Laboratory Evaluation of 2-[1-Methyl-2-(4-Phenoxyphenoxy)-Ethoxy]Pyridine Against Larvae of Mosquitoes and Housefly. *Jpn.J.Sanit.Zool.* 38: 271-274.

EcoReference No.: 100375

Chemical of Concern: MTPN,TMP,DFZ; Habitat: AT; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(TMP,DFZ),OK(MTPN).

Hatzios, K. K. and Penner, D. (1978). The Effect of Diflubenzuron [1-(4-Chlorophenyl)-3-(2,6-Difluorobenzoyl)Urea] on Soybean [Glycine max (L.) Merr.] Photosynthesis, Respiration, and Leaf Ultrastructure. *Pestic.Biochem.Physiol.* 9: 65, 69 (doi: 10.1016/0048-3575(78)90066-4).

EcoReference No.: 110362

Chemical of Concern: DFZ; Habitat: T; Effect Codes: PHY,CEL; Rejection Code: LITE EVAL CODED(DFZ).

Helyer, N. (1991). Laboratory Pesticide Screening Method for the Aphid Predatory Midge Aphidoletes aphidimyza (Rondani) (Diptera:Cecidomyiidae). *Biocontrol Sci.Technol.* 1: 53-58.

EcoReference No.: 89884

Chemical of Concern:

PIM,OML,NCTN,FPP,DFZ,DZ,DCF,DIE,FBOX,BMY,CTN,IPD,HCZ,PCZ,TFR,Maneb,BPZ,CYP;
Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(Maneb,TFR,CTN,BMY,IPD,DFZ,OML),NO ENDPOINT(PIM,BPZ),TARGET(NCTN,DZ,FPP,DCF,FBOX),OK(DIE,HCZ,PCZ,CYP).

Ho, C. M., Hsu, T. R., Wu, J. Y., and Wang, C. H. (1987). Effect of Dimilin, a Chitin Synthesis Inhibitor, on the Growth and Development of Larvae of Aedes albopictus Skuse. *Chin.J.Entomol.(Zhonghua Kungchoa)* 7: 131-141.

EcoReference No.: 16591

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: GRO,MOR,CEL; Rejection Code: LITE EVAL CODED(DFZ),NO COC(CHTN).

Hudson, R. H., Tucker, R. K., and Haegle, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resour.Publ.No.153, Fish Wildl.Serv., 2nd Edition, U.S.D.I., Washington, DC* 90 p.

EcoReference No.: 50386

Chemical of Concern:

ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,BFL,BTY,Captan,CBL,CBF,CHD,CPP,CQT C,CPYM,CMPH,CZE,24D,DCNA,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DFZ,DINO,DLD, DMT,DQTBr,DS,DU,ES,EDT,EN,EP,ETN,FMP,FNT,FNTH,FMU,FO,Folpet,FNF,HPT,PSM,HCCH,ML N,MDT,MCB,MOM,MTM,MTPN,MXC,MP,MVP,MRX,NaFA,NABAM,Naled,OXD,PMA,PNB,PPHD, PPX,PQT,PRN,PCP,PNB,PRT,PCL,PSM,PYT,RSM,RTN,STAR,STCH,TBF,TCDD,TFM,T1,TMP,TZL,T VP,TZL,THM,TXP,TCF,TFN,VCZ,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ACL,ACR,ADC,ATN,BTY,Captan,CQTC,TBF,DBN,DLN,DCF,DFZ,DINO,DQTBr,CPYM,ES, FNT,FO,MCB,MLN,MOM,MP,MVP,PQT,TCF,TFN,24D,CPY,DS,PSM,ATZ,DU,MDT,PRT,RTN,EP,D Z,TMP,CMPH,DCTP,TVPM,FMP,MTM,ACP,Naled,DDVP,DMT,AZ,CBF,PPX,VCZ).

Ibrahim, A. M. (1986). Studies on the Ovicidal Activity of Diflubenzuron on Caenorhabditis elegans (Nematoda). *Dirasat* 13: 139-148.

EcoReference No.: 110159

Chemical of Concern: DFZ; Habitat: T; Effect Codes: ACC,PHY,MOR; Rejection Code: LITE EVAL CODED(DFZ).

Iglesias, J., Castillejo, J., Ester, A., Castro, R., and Lombardia, M. J. (2002). Susceptibility of the Eggs of the Field Slug *Deroceras reticulatum* to Contact with Pesticides and Substances of Biological Origin on Artificial Soil. *Ann.Appl.Biol.* 140: 53-59.

EcoReference No.: 66180

Chemical of Concern: AZD,MAL,MCB,BMN,PYD,IMC,DFZ,Fe; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(AZD,DFZ),NO ENDPOINT(IMC),NO MIXTURE(PYD)OK(MAL,MCB,BMN,Fe).

Kasai, S., Shono, T., Komagata, O., Tsuda, Y., Kobayashi, M., Motoki, M., Kashima, I., Tanikawa, T., Yoshida, M., Tanaka, I., Shinjo, G., Hashimoto, T., Ishikawa, T., Takahashi, T., Higa, Y., and Tomita, T. (2007). Insecticide Resistance in Potential Vector Mosquitoes for West Nile Virus in Japan. *J.Med.Entomol.* 44: 822-829 .

EcoReference No.: 100301

Chemical of Concern: PMR,DFZ,TMP,FNT,EFX,PYX,SMT; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PMR,TMP,EFX,FNT,DFZ),OK(SMT).

Kashian, D. R. (2002). Reproduction and Development in *Daphnia*: The Role of Hormones, Pesticides and Detoxification. *Ph.D.Thesis, Univ.of Wisconsin, Madison, WI* 92 p. (Publ in Part As 73376,75106).

EcoReference No.: 82722

Chemical of Concern: CZE,24D,AMZ,MBZ,ACR,ACO,LNR,PPB,TXB,DDT,PHTH,DFZ,MTL; Habitat: A; Effect Codes: MOR,REP,GRO,BCM,POP; Rejection Code: LITE EVAL CODED(MTL,LNR,ACR,DFZ),OK(PPB,24D).

Kashian, D. R. and Dodson, S. I. (2002). Effects of Common-Use Pesticides on Developmental and Reproductive Processes in *Daphnia*. *Toxicol.Ind.Health* 18: 225-235.

EcoReference No.: 93397

Chemical of Concern: TXP,PHTH,MBZ,MTL,24D,ACO,ACR,AMZ,CSF,CZE,DDT,DFZ,LNR,DQT; Habitat: A; Effect Codes: MOR,GRO,REP; Rejection Code: LITE EVAL CODED(24D,LNR,ACR,AMZ,DFZ,DQT),OK(MTL).

Kawada, H., Shono, Y., Ito, T., and Abe, Y. (1993). Laboratory Evaluation of Insect Growth Regulators Against Several Species of Anopheline Mosquitoes. *Jpn.J.Sanit.Zool.* 44: 349-353.

EcoReference No.: 111057

Chemical of Concern: PYX,DDT,DLN,PMR,PPX,MLN,MTPN,DFZ,TMP,FNT; Habitat: AT; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PPX,DFZ),OK(PMR,MLN,MTPN,TMP,FNT).

Khan, M. A., Mohiuddin, S., and Qureshi, S. A. (1985). New Synthetic Ureides: Effective Mosquito Larvicides. *Pak.J.Sci.Ind.Res.* 28: 182-188.

EcoReference No.: 110352

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(DFZ).

Khandwe, N., Gujrati, J. P., and Singh, O. P. (1992). Ovicidal Action of Some Insecticides Against the Eggs of Grey Semilooper, *Rivula* sp. on Soybean. *J.Insect Sci.* 5: 231-232.

EcoReference No.: 89146

Chemical of Concern: DFZ,MLN,FVL,MP,FNV,PHSL,CYP,ES,DM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(ES,DFZ),TARGET(MLN,FVL,MP,FNV,PHSL,CYP,DM).

Khera, S., Mittal, P. K., and Surinder (1987). The Effect of Diflubenzuron on the Egg Masses of *Meloidogyne*

incognita. *Indian J.Nematol.* 17: 46-48.

EcoReference No.: 111088

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Khoo, B. K., Forgash, A. J., Respicio, N. C., and Ramaswamy, S. B. (1985). Multiple Progeny Production by Gypsy Moth Parasites, *Brachymeria* spp. (Hymenoptera: Chalcididae), Following Exposure to Diflubenzuron. *Environ.Entomol.* 14: 820-825.

EcoReference No.: 110140

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

Kubena, L. F. (1982). The Influence of Diflubenzuron on Several Reproductive Characteristics in Male and Female Layer-Breed Chickens. *Poult.Sci.* 61: 268-271.

EcoReference No.: 37600

Chemical of Concern: DFZ; Habitat: T; Effect Codes: GRO,REP,MOR,BEH; Rejection Code: LITE EVAL CODED(DFZ).

Kubena, L. F. (1981). The Influence of Diflubenzuron on Several Weight Characteristics in Growing Male Broiler and Layer Chickens. *Poult.Sci.* 60: 1175-1182.

EcoReference No.: 37599

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

Lahr, J., Badji, A., Marquenie, S., Schuiling, E., Ndour, K. B., Diallo, A. O., and Everts, J. W. (2001). Acute Toxicity of Locust Insecticides to Two Indigenous Invertebrates from Sahelian Temporary Ponds. *Ecotoxicol.Environ.Saf.* 48: 66-75.

EcoReference No.: 59962

Chemical of Concern: PPX,LCYT,BCY,CPY,MLN,DM,DFZ,FNT,BDC,FPN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MLN,CPY,DFZ,FNT,DM),OK(BDC,FPN,LCYT,BCY),NO MIXTURE(PPX).

Lahr, J., Diallo, A. O., Gadji, B., Diouf, P. S., Bedaux, J. J. M., Badji, A., Ndour, K. B., Andreasen, J. E., and Van Straalen, N. M. (2000). Ecological Effects of Experimental Insecticide Applications on Invertebrates in Sahelian Temporary Ponds. *Environ.Toxicol.Chem.* 19: 1278-1289.

EcoReference No.: 62219

Chemical of Concern: FNT,DM,DFZ,BDC; Habitat: A; Effect Codes: ACC,POP; Rejection Code: LITE EVAL CODED(DFZ),OK(DM,FNT).

Lake Ontario Environmental Laboratory (1975). The Environmental Impact of Dimilin (TH 6040) on a Forest and Aquatic Ecosystem. *LOTTEL Rep.No.210, Lake Ontario Environ.Lab., State Univ.of New York, Oswego, NY* 142 p.

EcoReference No.: 16394

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: POP,BEH; Rejection Code: LITE EVAL CODED(DFZ).

Lee, R. and Oshima, Y. (1998). Effects of Selected Pesticides, Metals and Organometallics on Development of Blue Crab (*Callinectes sapidus*) Embryos. *Mar.Environ.Res.* 46: 479-482.

EcoReference No.: 67659

Chemical of Concern: DFZ,FNV,CPY,CYP,MTPN,ES,TBT,CuCl,Hg,Cd; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(FNV,CPY,MTPN,CYP,CuCl,ES,DFZ),NO COC(TBT).

Lee, R. F., Steinert, S. A., Nakayama, K., and Oshima, Y. (1999). Use of DNA Strand Damage (Comet Assay) and Embryo Hatching Effects to Assess Contaminant Exposure in Blue Crab (*Callinectes sapidus*) Embryos. In: D.S.Henshel, M.C.Black, and M.C.Harrass (Eds.), *Environmental Toxicology and Risk Assessment: Standardization of Biomarkers for Endocrine Disruption and Environmental Assessment, 8th Volume, ASTM STP 1364, West Conshohocken, PA* 341-349.

EcoReference No.: 67696

Chemical of Concern: ES,CuCl,HgCl,CPY,TBTCl,FNV,MTPN,PRN,DFZ,CdCl; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(ES,CuCl,HgCl,CPY,TBTCl,FNV,MTPN,PRN,DFZ,CdCl).

Liber, K., O'Halloran, S. L., Schmude, K. L., and Corry, T. D. (1994). Effects of Diflubenzuron on Non-target Invertebrates in Littoral Enclosures. In: R.Van Coillie, Y.Roy, Y.Bois, P.G.C.Campbell, P.Lundahl, L.Martel, M.Michaud, P.Riebel, and C.Thellen (Eds.), *Proc.20th Annual Aquatic Toxicity Workshop, Oct.17-21, 1993, Quebec City, Quebec, Can.Tech.Rep.Fish.Aquat.Sci.No.1989* 140-145.

EcoReference No.: 16329

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DFZ).

Liber, K., Schmude, K. L., and Corry, T. D. (1996). Effects of the Insect Growth Regulator Diflubenzuron on Insect Emergence within Littoral Enclosures. *Environ.Entomol.* 25: 17-24.

EcoReference No.: 18765

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Luke, B. M. and Bateman, R. P. (2006). Effects of Chemical and Botanical Insecticides Used for Locust Control on *Metarhizium anisopliae* var. *Acridum* conidia After Short- to Medium-Term Storage at 30C. *Biocontrol Sci.Technol.* 16: 761-766.

EcoReference No.: 106793

Chemical of Concern: FNT,DFZ,DM,FPN; Habitat: T; Effect Codes: GRO,REP; Rejection Code: LITE EVAL CODED(DFZ),OK(FNT,DM,FPN).

MacGregor, J. T., Gould, D. H., Mitchell, A. D., and Sterling, G. P. (1979). Mutagenicity Tests of Diflubenzuron in the Micronucleus Test in Mice, the L5178Y Mouse Lymphoma Forward Mutation Assay, and the Ames Salmonella Reverse Mutation Test. *Mutat.Res.* 66: 45, 53 (doi: 10.1016/0165-1218(79)90006-5).

EcoReference No.: 111121

Chemical of Concern: DFZ; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(DFZ).

Madsen, H. C. K., Buchmann, K., and Møllergaard, S. (2000). Treatment of Trichodiniasis in Eel (*Anguilla anguilla*) Reared in Recirculation Systems in Denmark: Alternatives to Formaldehyde. *Aquaculture* 186: 221, 231 (doi: 10.1016/S0044-8486(99)00379-8).

EcoReference No.: 109479

Chemical of Concern: KO,GLO,KPM,DFZ,NaCl,NO3,HOX,OXT; Habitat: A; Effect Codes: POP,MOR; Rejection Code: LITE EVAL CODED(DFZ),OK(GLO,OXT,NaCl),NO ENDPOINT(KO,HOX).

Mafi, S. A. and Ohbayashi, N. (2006). Toxicity of Insecticides to the Citrus Leafminer, *Phyllocnistis citrella*, and Its Parasitoids, *Chrysocharis pentheus* and *Sympiesis striatipes* (Hymenoptera: Eulophidae). *Appl.Entomol.Zool.* 41: 33-39.

EcoReference No.: 105005

Chemical of Concern: DNF,CTD,ACT,TMX,IMC,DFZ,BFT,ALSV; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Mansour, S. A. and Hassan, T. M. (1993). Pesticides and Daphnia. 3. An Analytical Bioassay Method, Using *Ceriodaphnia quadrangula*, for Measuring Extremely Low Concentrations of Insecticides in Waters. *Int.J.Toxicol.Occup.Environ.Health* 2: 34-39.

EcoReference No.: 100963

Chemical of Concern: FNV,DM,CYP,CYF,PFF,MOM,FPP,CPY,CBL,PIM,MTM,MLN,DMT,DFZ,AZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PFF,CPY,MTM,AZ,DMT,MLN,PIM,DFZ,FPP,CBL,MOM,FNV),OK(CYP,CYF,DM).

Martin, P. J. S., Clark, J. M., and Edman, J. D. (1995). Preliminary Study of Synergism of Acid Rain and Diflubenzuron. *Bull.Environ.Contam.Toxicol.* 54: 833-836.

EcoReference No.: 110138

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

McCasland, C. S., Cooper, R. J., and Barnum, D. A. (1998). Implications for the Use of Diflubenzuron to Reduce Arthropod Populations Inhabiting Evaporation Ponds of the San Joaquin Valley, California. *Bull.Environ.Contam.Toxicol.* 60: 702-708 .

EcoReference No.: 19288

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

McKague, A. B., Pridmore, R. B., and Wood, P. M. (1978). Effects of Altosid and Dimilin on Black Flies (Diptera: Simuliidae): Laboratory and Field Tests. *Can.Entomol.* 110: 1103-1110.

EcoReference No.: 2055

Chemical of Concern: MTPN,DFZ; Habitat: A; Effect Codes: MOR,GRO,ACC,POP; Rejection Code: LITE EVAL CODED(DFZ).

Merriam, T. L. and Axtell, R. C. (1983). Relative Toxicity of Certain Pesticides to *Lagenidium giganteum* (Oomycetes: Lagenidiales), a Fungal Pathogen of Mosquito Larvae. *Environ.Entomol.* 12: 515-521.

EcoReference No.: 66427

Chemical of Concern:

MTPN,ACR,CPY,FNTH,MLN,TMP,DFZ,Captan,ATZ,DDT,HCCH,TXP,CBL,PPX,PMR; Habitat: T; Effect Codes: GRO,REP,POP; Rejection Code: LITE EVAL CODED(MLN,CBL,MTPN,ATZ,CPY,PMR,TMP,ACR,DFZ,PPX),TARGET(Captan).

Miller, R. W., Cecil, H. C., Carey, A. M., Corley, C., and Kiddy, C. A. (1979). Effects of Feeding Diflubenzuron to Young Male Holstein Cattle. *Bull.Environ.Contam.Toxicol.* 23: 482-486.

EcoReference No.: 37965

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

Mohsen, Z. H., Zahid, Z. R., Al-Chalabi, B., and Mehdi, N. S. (1986). Biological Activity of the IGR Diflubenzuron

on Larvae of *Culex quinquefasciatus* Say. *J.Biol.Sci.Res.* 17: 279-288.

EcoReference No.: 111060

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,CEL; Rejection Code: LITE EVAL CODED(DFZ).

Mommaerts, V., Sterk, G., and Smagghe, G. (2006). Hazards and Uptake of Chitin Synthesis Inhibitors in Bumblebees *Bombus terrestris*. *Pest Manag.Sci.* 62: 752-758.

EcoReference No.: 94221

Chemical of Concern: BPZ,CYR,DFZ,FCX,LUF,IMC; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(CYR,IMC,DFZ).

Morin, L. G., Smucker, R. A., and Herth, W. (1986). Effects of Two Chitin Synthesis Inhibitors on *Thalassiosira fluviatilis* and *Cyclotella cryptica*. *FEMS Microbiol.Lett.* 37: 263, 268 (doi: 10.1016/0378-1097(86)90417-9).

EcoReference No.: 110213

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP,BCM; Rejection Code: LITE EVAL CODED(DFZ).

Muegge, M. A., Barbour, J. D., Rice, W. C., and Bollich, P. A. (1998). Evaluation of Dimilin for Rice Water Weevil Control, 1995. *Arthropod Manag.Tests* 23: 261-262 (108F).

EcoReference No.: 110221

Chemical of Concern: CBF,DFZ; Habitat: A; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(DFZ,CBF).

Muegge, M. A., Barbour, J. D., Rice, W. C., and Bollich, P. A. (1997). Evaluation of Dimilin in Water and Drill-Seeded Rice for Rice Water Weevil Control, 1996. *Arthropod Manag.Tests* 22: 292-293.

EcoReference No.: 111234

Chemical of Concern: CBF,DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBF,DFZ).

Muegge, M. A., Barbour, J. D., Rice, W. C., and Bollich, P. A. (1997). Evaluation of Selected Insecticides for Rice Water Weevil Control, 1996. *Arthropod Manag.Tests* 22: 293-294.

EcoReference No.: 111233

Chemical of Concern: FPN,IMC,LCYT,ACP,DFZ,CBF; Habitat: AT; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,CBF),OK(FPN,IMC,ACP).

Mulla, M. S. and Darwazeh, H. A. (1976). The IGR Dimilin and Its Formulations Against Mosquitos. *J.Econ.Entomol.* 69: 309-312.

EcoReference No.: 18162

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: GRO,REP,MOR,POP; Rejection Code: LITE EVAL CODED(DFZ).

Mulla, M. S. and Darwazeh, H. A. (1979). New Insect Growth Regulators Against Flood and Stagnant Water Mosquitoes - Effects on Nontarget Organisms. *Mosq.News* 39: 746-755.

EcoReference No.: 110132

Chemical of Concern: MTPN,DFZ; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(DFZ),OK(MTPN).

Mulla, M. S., Majori, G., and Darwazeh, H. A. (1975). Effects of the Insect Growth Regulator Dimilin or TH-6040 on Mosquitoes and Some Nontarget Organisms. *Mosq.News* 35: 211-216.

EcoReference No.: 4197

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: POP,GRO,MOR; Rejection Code: LITE EVAL CODED(DFZ).

Nation, J. L., Robinson, F. A., Yu, S. J., and Bolten, A. B. (1986). Influence upon Honeybees of Chronic Exposure to Very Low Levels of Selected Insecticides in Their Diet. *J.Aplic.Res.* 25: 170-177.

EcoReference No.: 95956

Chemical of Concern: DFZ,MXC,CBL,MLN,PMR; Habitat: T; Effect Codes: BCM,BEH,POP,REP; Rejection Code: LITE EVAL CODED(PMR,MLN,DFZ),OK(CBL).

Nimmo, D. R., Hamaker, T. L., Matthews, E., and Moore, J. C. (1981). An Overview of the Acute and Chronic Effects of First and Second Generation Pesticides on an Estuarine Mysid. In: *F.J.Vernberg, A.Calabrese, F.P.Thurberg, and W.B.Vernberg (Eds.), Biological Monitoring of Marine Pollutants, Academic Press, Inc., NY* 3-19.

EcoReference No.: 4891

Chemical of Concern: CBL,MP,PRT,DZ,TFN,TXP,DFZ,TBF; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(TBF,CBL,DZ,PRT,MP,TFN,DFZ),OK(TXP).

O'Halloran, S. L., Liber, K., Schmude, K. L., and Corry, T. D. (1996). Effects of Diflubenzuron on Benthic Macroinvertebrates in Littoral Enclosures. *Arch.Environ.Contam.Toxicol.* 30: 444-451.

EcoReference No.: 14066

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Olson, D. L. and Oetting, R. D. (1999). Compatibility of Insect Growth Regulators and *Beauveria bassiana* (Balsamo) Vuillemin in Controlling Green Peach Aphid (Homoptera: Aphididae) on Greenhouse Chrysanthemums. *J.Entomol.Sci.* 34: 286-294.

EcoReference No.: 97535

Chemical of Concern: PYX,AZD,CYR,DFZ,FYC,BPZ; Habitat: T; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(AZD,DFZ),OK(CYR),NO CONTROL(FYC).

Olszak, R. W. and Pluciennik, Z. (1998). Preliminary Investigations on Effectiveness of Two Modern Insecticides in Controlling Codling Moth, Plum Fruit Moth and Leaf Rollers. In: *Proc.of an Int.Conf.held at Farnham,Surrey,Br.Crop Prot.Counc.* 1: 57-62.

EcoReference No.: 82446

Chemical of Concern: MFZ,IDC,DFZ,FNT,FYC; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(FYC,MFZ,IDC,DFZ,FNT,FYC).

Palrang, A. T. and Godfrey, L. D. (1995). Evaluation of Insecticides for Rice Water Weevil Control in California, 1994. *Arthropod Manag.Tests* 20: 227-228 (103F).

EcoReference No.: 110137

Chemical of Concern: IMC,FPN,CBF,DFZ; Habitat: AT; Rejection Code: LITE EVAL CODED(DFZ),OK(IMC,FPN,CBF).

Pasquier, D. and Charmillot, P. J. (2003). Effectiveness of Twelve Insecticides Applied Topically to Diapausing Larvae of the Codling Moth, *Cydia pomonella* L. *Pest Manag.Sci.* 60: 305-308.

EcoReference No.: 82551

Chemical of Concern: DFZ, IDC, PHSL, TUZ, FYC, DM, MFZ, IMC, TAP, CPYM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ, IDC, PHSL, TUZ, FYC, DM, MFZ, IMC, TAP, CPYM).

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EcoReference No.: 110048

Chemical of Concern: DFZ; Habitat: T; Effect Codes: BCM, PHY, GRO, REP; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 16969

Chemical of Concern: DFZ; Habitat: A; Effect Codes: REP, GRO; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 110224

Chemical of Concern: DFZ; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(DFZ).

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Chemical of Concern: DFZ; Habitat: A; Effect Codes: CEL, BCM; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 65290

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

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EcoReference No.: 110212

Chemical of Concern: TMP, DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 100995

Chemical of Concern: CPY, FYC, CBL, ACP, DFZ, TCF; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(ACP, DFZ), OK(CBL, TCF, CPY), NO COC(AZD).

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EcoReference No.: 111102

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 111010

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(DFZ).

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Chemical of Concern: AZ,DFZ,PHSL; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Rebach, S. and French, D. P. (1996). Effects of Dimilin on the Blue Crab, *Callinectes sapidus*, in Shallow-Water Habitats. *Estuaries* 19: 279-287.

EcoReference No.: 18710

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

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Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 110357

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

Sample, B. E., Butler, L., and Whitmore, R. C. (1993). Effects of an Operational Application of Dimilin on Non-Target Insects. *Can.Entomol.* 125: 173-179.

EcoReference No.: 110971

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

Sample, B. E., Cooper, R. J., and Whitmore, R. C. (1993). Dietary Shifts Among Songbirds from a Diflubenzuron-Treated Forest. *Condor* 95: 616-624.

EcoReference No.: 110972

Chemical of Concern: DFZ; Habitat: T; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 111099

Chemical of Concern: DCF,DFZ,PPG,OML,AMZ,MLN,ES,ABM,SFR,Zineb,ETN; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ,OML,AMZ),OK(DCF,PPG,MLN,ES,ABM,SFR,Zineb,ETN).

Sapone, A., Pozzetti, L., Canistro, D., Broccoli, M., Bronzetti, G., Potenza, G., Affatato, A., Biagi, G. L., Cantelli-Forti, G., and Paolini, M. (2005). CYP Superfamily Perturbation by Diflubenzuron or Acephate in Different Tissues of CD1 Mice. *Food Chem.Toxicol.* 43: 173-183.

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Chemical of Concern: ACP,DFZ; Habitat: T; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(ACP,DFZ).

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EcoReference No.: 4998

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 110215

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

Schneider, M., Smagghe, G., Pineda, S., and Vinuela, E. (2008). The Ecological Impact of Four IGR Insecticides in Adults of *Hyposoter didymator* (Hym., Ichneumonidae): Pharmacokinetics Approach. *Ecotoxicology* 17: 181-188.

EcoReference No.: 111122

Chemical of Concern: PYX,MFZ,DFZ,TUZ; Habitat: T; Effect Codes: GRO,BCM,ACC; Rejection Code: LITE EVAL CODED(DFZ),OK(MFZ,TUZ).

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EcoReference No.: 82679

Chemical of Concern: AZD,HFZ,MFZ,TUZ,SS,DFZ,PYX; Habitat: T; Effect Codes: MOR,ACC,GRO,REP,BEH; Rejection Code: LITE EVAL CODED(MFZ,AZD,HFZ,TUZ,SS,DFZ,PYX).

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EcoReference No.: 80565

Chemical of Concern: MFZ,PYX,SS,TUZ,DFZ,AZD; Habitat: T; Effect Codes: MOR,GRO,ACC,BCM; Rejection Code: LITE EVAL CODED(MFZ,PYX,SS,TUZ,DFZ,AZD).

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EcoReference No.: 54039

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

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EcoReference No.: 100192

Chemical of Concern: DFZ,NVL,PMR; Habitat: A; Effect Codes: REP,MOR; Rejection Code: LITE EVAL CODED(PMR,DFZ,NVL).

Soltani, N. (1984). Effects of Ingested Diflubenzuron on the Longevity and the Peritrophic Membrane of Adult Mealworms (*Tenebrio Molitor* L.). *Pestic.Sci.* 15: 221-225 .

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Chemical of Concern: DFZ; Habitat: T; Rejection Code: LITE EVAL CODED(DFZ).

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Chemical of Concern: DFZ; Habitat: T; Rejection Code: LITE EVAL CODED(DFZ).

Swift, M. C., Smucker, R. A., and Cummins, K. W. (1988). Effects of Dimilin on Freshwater Litter Decomposition. *Environ.Toxicol.Chem.* 7: 161-166.

EcoReference No.: 2415

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,POP,GRO; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 108238

Chemical of Concern: DFZ,HFR; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DFZ,HFR).

Teran-Vargas, A. P., Garza-Urbina, E., Blanco-Montero, C. A., Perez-Carmona, G., and Pellegaud-Rabago, J. M. (1997). Efficacy of new Insecticides to Control Beet Armyworm in Northeastern Mexico. *In:Proc.Beltwide Cotton Conf.* 2: 1030-1031.

EcoReference No.: 82470

Chemical of Concern: MFZ,DFZ,SS,TUZ,CPY,HFR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MFZ,DFZ,SS,TUZ,CPY,HFR).

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EcoReference No.: 4664

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

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EcoReference No.: 89393

Chemical of Concern: MLN,FNV,CPY,CYP,ES,DDVP,DFZ; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(MLN,ES,DFZ),EFFICACY(FNV,CPY,CYP,DDVP).

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EcoReference No.: 87312

Chemical of Concern: TUZ,AZD,FYC,DFZ; Habitat: T; Effect Codes: BEH,REP,POP,MOR; Rejection Code: LITE EVAL CODED(AZD,TUZ,DFZ),OK(FYC).

Touart, L. W. Jr. (1990). Effects of Selected Insect Growth Regulators on Ecdysteroid Titters in the Grass Shrimp, *Palaemonetes pugio*. *Ph.D.Thesis, George Mason Univ.Fairfax,VA*: 169 p. (UMI# 9025974).

EcoReference No.: 111106

Chemical of Concern: DFZ,MTPN,FYC; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(DFZ).

Trisyono, A. and Chippendale, G. M. (1997). Effect of the Nonsteroidal Ecdysone Agonists, Methoxyfenozide and Tebufenozide, on the European Corn Borer (Lepidoptera: Pyralidae). *J.Econ.Entomol.* 90: 1486-1492.

EcoReference No.: 64128

Chemical of Concern: MFZ,DFZ,TUZ,CBL; Habitat: T; Effect Codes: GRO,MOR,REP; Rejection Code: LITE EVAL CODED(MFZ,DFZ,TUZ,CBL).

Ulloa-Chacon, P. and Jaramillo, G. I. (2003). Effects of Boric Acid, Fipronil, Hydramethylnon, and Diflubenzuron Baits on Colonies of Ghost Ants (Hymenoptera: Formicidae). *J.Econ.Entomol.* 96: 856-862.

EcoReference No.: 110968

Chemical of Concern: BRA2,FPN,DFZ; Habitat: T; Effect Codes: BEH,MOR,POP; Rejection Code: LITE EVAL CODED(DFZ).

Ulmer, B. J., Lapointe, S. L., Pena, J. E., and Duncan, R. E. (2006). Toxicity of Pesticides Used in Citrus to *Aprostocetus vaquitarum* (Hymenoptera: Eulophidae), an Egg Parasitoid of *Diaprepes abbreviatus* (Coleoptera: Curculionidae). *Fla.Entomol.* 89: 10-19.

EcoReference No.: 96444

Chemical of Concern: CBL,MLN,PSM,IMC,DFZ,CuOH; Habitat: T; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(IMC,MLN,PSM,CBL,DFZ,CuOH).

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EcoReference No.: 111351

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Union Carbide Corp. (1992). Initial Submission: Acute Toxicity of UC 54012 (N-(((4-Chlorophenyl)Amino)-Carbonyl)-2,6-Difluorobenzamide) to Mysid Shrimp (*Mysidopsis bahia*) with Cover Letter Dated 100692. *EPA/OTS Doc.#88-920010461* 25 p. (NTIS/OTS 0571772).

EcoReference No.: 111352

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DFZ).

Veech, J. A. (1978). The Effect of Diflubenzuron on Egg Formation by the Root-Knot Nematode. *J.Nematol.* 10: 208-209.

EcoReference No.: 110049

Chemical of Concern: DFZ; Habitat: T; Effect Codes: REP; Rejection Code: LITE EVAL CODED(DFZ).

Veech, J. A. (1978). The Effect of Diflubenzuron on the Reproduction of Free-Living Nematodes. *Nematologica* 24: 312-320.

EcoReference No.: 4436

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

Walker, W. W. (1984). Development of a Fate/Toxicity Screening Test. *EPA-600/s4-84-074, U.S.EPA, Gulf Breeze, FL* 30 p.

EcoReference No.: 90259

Chemical of Concern: MP,TBC,CTN,DFZ,CPY,ES,DFPM,PRT,TFN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PRT,MP,TBC,CTN,DFZ,CPY,ES,DFPM,TFN).

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EcoReference No.: 111058

Chemical of Concern: DFZ,CBF; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,CBF).

Way, M. O. and Wallace, R. G. (1997). Control of Rice Water Weevil with Diflubenzuron - EUP Experiment, 1996. *Arthropod Manag.Tests* 22: 300 (111F).

EcoReference No.: 111074

Chemical of Concern: CBF,DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBF,DFZ).

Way, M. O. and Wallace, R. G. (1996). Control of Rice Water Weevil with Dimilin 25W, 1995. *Arthropod Manag.Tests* 21: 283-284 (119F).

EcoReference No.: 111067

Chemical of Concern: DFZ,CBF; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,CBF).

Way, M. O. and Wallace, R. G. (1999). Control of Rice Water Weevil with Dimilin 2L in a Drill-Seeded, Delayed Flood Culture - EUP Study, 1997. *Arthropod Manag.Tests* 24: 273-274 (F92).

EcoReference No.: 88216

Chemical of Concern: MP,QNC,PPN,CBF,DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(CBF,DFZ),NO MIXTURE(MP,QNC,PPN).

Way, M. O. and Wallace, R. G. (1997). Control of Rice Water Weevil with Fipronil Applied Post-Flood in a Dry-Seeded, Delayed Flood Culture, 1996. *Arthropod Manag.Tests* 22: 299 (110F).

EcoReference No.: 111065

Chemical of Concern: CBF,FPN,DFZ; Habitat: A; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(DFZ,CBF).

Way, M. O. and Wallace, R. G. (1997). Control of Rice Water Weevil with Karate in a Dry-Seeded, Delayed Flood Culture, 1996. *Arthropod Manag.Tests* 22: 302-303 (115F).

EcoReference No.: 110216

Chemical of Concern: DFZ,FPN,CBF; Habitat: AT; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(DFZ,CBF),OK(FPN).

Way, M. O., Wallace, R. G., and Vawter, J. (1997). Control of Rice Water Weevil on Drill-Seeded Rice with Diflubenzuron at Eagle Lake, 1996. *Arthropod Manag.Tests* 22: 300-301 (112F).

EcoReference No.: 111071

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ).

Way, M. O., Wallace, R. G., and Vawter, J. (1998). Control of Rice Water Weevil with Dimilin 2 L in a Drill-Seeded, Delayed Flood Culture at Eagle Lake, 1997. *Arthropod Manag.Tests* 23: 266-267 (114F).

EcoReference No.: 111066

Chemical of Concern: DFZ,CBF; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,CBF).

Way, M. O., Whitney, N. G., and Wallace, R. G. (1995). Evaluation of Dimilin and Benlate for Soybean Insect Pest and Disease Control, 1992. *Arthropod Manag.Tests* 20: 248-249 (126F).

EcoReference No.: 103961

Chemical of Concern: DFZ,BMY; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ,BMY).

Webb, R. E., Shapiro, M., Podgwaite, J. D., Reardon, R. C., Tatman, K. M., Venables, L., and Kolodny-Hirsch, D. M. (1989). Effect of Aerial Spraying with Dimilin, Dipel, or Gypchek on Two Natural Enemies of the Gypsy Moth (Lepidoptera: Lymantriidae). *J.Econ.Entomol.* 82: 1695-1701.

EcoReference No.: 111008

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

White, P. F. (1999). Comparative Effects of Three Insect Growth Regulator Insecticides and a Dipteran-Active Strain of *Bacillus thuringiensis* on Cropping of the Cultivated Mushroom *Agaricus bisporus*. *Ann.Appl.Biol.* 134: 35-43.

EcoReference No.: 97874

Chemical of Concern: HFR,DFZ,CYR; Habitat: T; Effect Codes: POP; Rejection Code: LITE EVAL CODED(DFZ),EFFICACY(CYR).

White, P. F. (1986). Effects of Bendiocarb and Diflubenzuron on Mushroom Cropping. *Ann.Appl.Biol.* 108: 11-20.

EcoReference No.: 110822

Chemical of Concern: BDC,DFZ; Habitat: T; Effect Codes: POP,GRO,MOR; Rejection Code: LITE EVAL CODED(DFZ),OK(BDC).

Whitmore, R. C., Cooper, R. J., and Sample, B. E. (1993). Bird Fat Reductions in Forests Treated with Dimilin. *Environ.Toxicol.Chem.* 12: 2059-2064.

EcoReference No.: 109863

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

Willrich, M. M. and Boethel, D. J. (2001). Effects of Diflubenzuron on *Pseudoplusia includens* (Lepidoptera: Noctuidae) and Its Parasitoid *Copidosoma floridanum* (Hymenoptera: Encyrtidae). *Environ.Entomol.* 30: 794-797.

EcoReference No.: 109864

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

Wilson, J. E., Forward, R. B. Jr., and Costlow, J. D. (1985). Effects of Embryonic Exposure to Sublethal Concentrations of Dimilin on the Photobehavior of Grass Shrimp Larvae. In: *F.J.Vernberg, F.P.Thurberg, A.Calabrese, and W.Vernberg (Eds.), Marine Pollution and Physiology: Recent Advances* 377-396.

EcoReference No.: 13592

Chemical of Concern: DFZ; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(DFZ).

Wilson, J. E. H. (1997). Age-Specific Sensitivity of Grass Shrimp (*Palaemonetes pugio*) Embryos to Sublethal Concentrations of Diflubenzuron. In: *F.J.Dwyer, T.R.Doane, and M.L.Hinman (Eds.), Environmental Toxicology and Risk Assessment: Modeling and Risk Assessment, 6th Volume, ASTM STP 1317, Philadelphia, PA* 533-550.

EcoReference No.: 19962

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(DFZ).

Wilson, J. E. H. (1997). The Grass Shrimp Embryo-Larval Toxicity Test: A Short-Term Predictive Bioassay. *Can.Tech.Rep.Fish.Aquat.Sci.* 53-65.

EcoReference No.: 19763

Chemical of Concern: ACR,CPY,DFZ; Habitat: A; Effect Codes: BEH,GRO,MOR; Rejection Code: LITE EVAL CODED(CPY,ACR,DFZ).

Wilson, J. E. H., Cunningham, P. A., Evans, D. W., and Costlow, J. D. Jr. (1995). Using Grass Shrimp Embryos to Determine the Effects of Sediment on the Toxicity and Persistence of Diflubenzuron in Laboratory Microcosms. In: *J.S.Hughes, G.R.Biddinger, and E.Mones (Eds.), Symp., Environmental Toxicology and Risk Assessment, Vol.3, Apr.26-29, 1993, Atlanta, GA, ASTM STP 1218, Philadelphia, PA* 267-287.

EcoReference No.: 110062

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,PHY; Rejection Code: LITE EVAL CODED(DFZ).

Wilson, J. E. H., Forward, R. B. Jr., and Costlow, J. D. (1999). Effects of Diflubenzuron on the Ontogeny of Phototaxis by *Palaemonetes pugio*. *Gulf Res.Rep.* 11: 7-14.

EcoReference No.: 110063

Chemical of Concern: DFZ; Habitat: A; Effect Codes: REP,PHY; Rejection Code: LITE EVAL CODED(DFZ).

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SC 351-371.

EcoReference No.: 4907

Chemical of Concern: DFZ; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 67468

Chemical of Concern: CPY,Naled,PPX,TMP,FNTH,MTPN,DFZ,MLN; Habitat: A; Effect Codes: MOR,REP; Rejection Code: LITE EVAL CODED(MTPN,MLN,CPY,Naled,TMP,DFZ,PPX),OK(FNTH).

Wright, D. A., Savitz, J. D., Dawson, R., Magee, J., and Smucker, R. A. (1996). Effect of Diflubenzuron on the Maturation and Reproductive Success of the Copepod *Eurytemora affinis*. *Ecotoxicology* 5: 47-58.

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

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

Yu, S. J., Robinson, F. A., and Nation, J. L. (1984). Detoxication Capacity in the Honey Bee, *Apis mellifera* L. *Pestic.Biochem.Physiol.* 22: 360-368.

EcoReference No.: 89109

Chemical of Concern: AND,DDT,PMR,MLN,CBL,MXC,DFZ; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(MLN,CBL,DFZ),OK(AND,DDT,PMR,MXC).

Zhang, J. and Zhu, K. Y. (2006). Characterization of a Chitin Synthase cDNA and Its Increased mRNA Level Associated with Decreased Chitin Synthesis in *Anopheles quadrimaculatus* Exposed to Diflubenzuron. *Insect Biochem.Mol.Biol.* 36: 712-725 (doi: 10.1016/j.ibmb.2006.06.002).

EcoReference No.: 110211

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,BCM,CEL,GRO; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 16411

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: LITE EVAL CODED(DFZ).

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Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO,BCM; Rejection Code: LITE EVAL CODED(DFZ).

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EcoReference No.: 110064

Chemical of Concern: DFZ; Habitat: T; Effect Codes: REP,MOR,PHY; Rejection Code: LITE EVAL CODED(DFZ).

Znidaric, D., Kalafatic, M., and Lui, A. (1987). Effects of Dimiline upon Budding Hydra. *Z.Mikrosk.Anat.Forsch.Leipz.* 101: 221-228.

EcoReference No.: 4631

Chemical of Concern: DFZ; Habitat: A; Effect Codes: CEL,MOR,GRO; Rejection Code: LITE EVAL CODED(DFZ).

Acceptable to EcoTox but not OPP

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EcoReference No.: 4599

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

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

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

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

Ali, A. and Mulla, M. S. (1978). Effects of Chironomid Larvicides and Diflubenzuron on Nontarget Invertebrates in Residential-Recreational Lakes. *Environ.Entomol.* 7: 21-27.

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Chemical of Concern: CPY,DFZ,TMP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(CPY,DFZ),OK(TMP).

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EcoReference No.: 5170

Chemical of Concern: DFZ,CPY,MP,TMP,FNTH,MLN,EPRN; Habitat: A; Effect Codes: POP,MOR; Rejection Code: NO CONTROL(DFZ,MP,TMP,FNTH,MLN,EPRN),NO ENDPOINT,NO

CONTROL(CPY).

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Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,POP; Rejection Code: NO
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EcoReference No.: 111195

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

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Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,ACC; Rejection Code: NO
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EcoReference No.: 71172

Chemical of Concern: FNV,PMR,PPB,OML,CBF,AZ,DFZ,CBL,ES; Habitat: T; Effect Codes: POP;
Rejection Code: LITE EVAL CODED(FNV),OK(PMR),NO
ENDPOINT(PPB,OML,CBF,AZ,DFZ,CBL,ES).

Antia, N. J., Harrison, P. J., Sullivan, D. S., and Bisalputra, T. (1985). Influence of the Insecticide Diflubenzuron (Dimilin) on the Growth of Marine Diatoms and a Harpacticoid Copepod in Culture. *Can.J.Fish.Aquat.Sci.* 42: 1272-1277.

EcoReference No.: 11574

Chemical of Concern: DFZ; Habitat: A; Effect Codes: PHY,POP,GRO; Rejection Code: NO
ENDPOINT,NO CONTROL(DFZ).

Apperson, C. S., Schaefer, C. H., Colwell, A. E., Werner, G. H., Anderson, N. L., and Dupras, E. F. Jr. (1978). Effects of Diflubenzuron on Chaoborus astictopus and Nontarget Organisms and Persistence of Diflubenzuron in Lentic Habitats. *J.Econ.Entomol.* 71: 521-527.

EcoReference No.: 6676

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,POP,BEH,ACC; Rejection Code: NO
ENDPOINT,NO CONTROL(DFZ).

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EcoReference No.: 110898

Chemical of Concern: MOM,PFF,FNV,CPY,DFZ,MTM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CPY),NO MIXTURE(DFZ,MTM,MOM),OK(PFF,FNV).

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EcoReference No.: 60725

Chemical of Concern: DFZ,CPY,MTPN; Habitat: A; Effect Codes: POP,GRO; Rejection Code: NO ENDPOINT(MTPN,CPY,DFZ).

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EcoReference No.: 70581

Chemical of Concern: RSM,DFZ,FNV,DM,EFV; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Barker, R. J. and Taber III, S. (1977). Effects of Diflubenzuron fed to Caged Honey Bees. *Environ.Entomol.* 6: 167-168.

EcoReference No.: 35739

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

Bart, J. (1976). The Effects of Orthene, Sevin, and Dimilin on Birds. *M.S.Thesis, Cornell Univ., Ithaca, NY* 46 p.

EcoReference No.: 103012

Chemical of Concern: ACP,CBL,DFZ; Habitat: T; Effect Codes: REP,POP,MOR,GRO; Rejection Code: OK(ACP),NO ENDPOINT(CBL,DFZ).

Bernhardt, J. L. (1997). Control of Rice Water Weevil with Dimilin, 1996B. *Arthropod Manag.Tests* 22: 288-289 (99F).

EcoReference No.: 111051

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

Blateau, D., Le Coguic, Y., Mialhe, E., and Grizel, H. (1992). Mussel (*Mytilus edulis*) Treatment Against the Red Copepod *Mytilicola intestinalis*. *Aquaculture* 107: 165-169.

EcoReference No.: 104344

Chemical of Concern: TCF,TMP,DFZ,FNT,DDVP; Habitat: A; Effect Codes: MOR,POP; Rejection Code: LITE EVAL CODED(DDVP),NO ENDPOINT(TCF),NO CONC(TMP,DFZ,FNT).

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EcoReference No.: 78267

Chemical of Concern: ALSV,ES,DFZ,FYC; Habitat: T; Effect Codes: POP,PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Boyle, T. P., Fairchild, J. F., Robinson-Wilson, E. F., Haverland, P. S., and Lebo, J. A. (1996). Ecological Restructuring in Experimental Aquatic Mesocosms due to the Application of Diflubenzuron. *Environ.Toxicol.Chem.* 15: 1806-1814.

EcoReference No.: 17249

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP,BCM,PRS,MOR,GRO; Rejection Code: NO ENDPOINT(DFZ).

Cardinal, H. and Vernet, G. (1982). Physiological Disturbances in the Crab, *Carcinus mediterraneus* in the Presence of Diflubenzuron. *C.R.Soc.Biol.(Paris)* 176: 210-216 (FRE) (ENG ABS).

EcoReference No.: 15645

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

Cardinal, H., Vernet, G., and Sinegre, G. (1979). Effects of a Growth Inhibitor Diflubenzuron on a Crab *Carcinus mediterraneus*. *C.R.Seances Soc.Biol.(Paris)* 173: 1105-1108 (FRE) (ENG ABS).

EcoReference No.: 6406

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

Carr, N. V., Segawa, R. T., Richman, S. J., and Quan, V. (1991). Monitoring of the 1990 Gypsy Moth Eradication Project. *Calif.Dep.of Food and Agric., Environ.Hazards Assess.Prog., Sacramento,CA* 31 p. (NTIS/02976432_a0).

EcoReference No.: 110888

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

Christiansen, E. (1987). Effects of a Chytin Synthesis Inhibitor Insecticide on Crab Larvae. *In: 3rd Colloquium: Mediterranean Crustacea Decapoda, Mar.25, 1985, Barcelona* 526-527.

EcoReference No.: 4030

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Christiansen, M. E., Costlow, J. D. Jr., and Monroe, R. J. (1978). Effects of the Insect Growth Regulator Dimilin (TH 6040) on Larval Development of Two Estuarine Crabs. *Mar.Biol.* 50: 29-36.

EcoReference No.: 7028

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Christiansen, M. E., Gosling, E., and Williams, M. A. (1984). Effect of the Insect Growth Regulator Diflubenzuron (Dimilin) on the Uptake of Glucose and N-Acetylglucosamine into the Cuticle of Crab Larvae. *Mar.Biol.* 83: 225-230.

EcoReference No.: 17643

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

Christiansen, M. E. Jr. (1982). Ultrastructural Study of the Exoskeleton of the Estuarine Crab *Rhithropanopeus harrisi*: Effect of the Insect Growth Regulator Dimilin (Diflubenzuro. *Mar.Biol.* 66: 217-226.

EcoReference No.: 6192

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

Cole, C. L. (1980). Effectiveness of Diflubenzuron in the Upper Gulf Coast of Texas. *Southwest.Entomol. Suppl.*: 22-26.

EcoReference No.: 39938

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

Cunningham, P. A. (1976). Effects of Dimilin (TH 6040) on Reproduction in the Brine Shrimp, *Artemia salina*. *Environ.Entomol.* 5: 701-706.

EcoReference No.: 7759

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

Cunningham, P. A., Wilson, J. E. H., Evans, D. W., and Costlow, J. D. Jr. (1987). Effects of Sediment on the Persistence and Toxicity of Diflubenzuron (Dimilin) in Estuarine Waters: A Laboratory Evaluation Using Larvae of Two. In: W.B.Vernberg, A.Calabrese, F.P.Thurberg, and F.J.Vernberg (Eds.), *Pollution Physiology of Estuarine Organisms*, Univ.of SC Press, Columbia, SC 299-331.

EcoReference No.: 4890

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

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EcoReference No.: 16200

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

Dhanasekaran, S., Sundararajan, R., and Peter, C. (1992). Degradation and Persistent Toxicity of Diflubenzuron Against Three Stored Insect Pests on Wheat. *Indian J.Plant Prot.* 20: 89-91.

EcoReference No.: 110363

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

Easterbrook, M. A., Solomon, M. G., Cranham, J. E., and Souter, E. F. (1985). Trials of an Integrated Pest Management Programme Based on Selective Pesticides in English Apple Orchards. *Crop Prot.* 4: 215-230.

EcoReference No.: 76518

Chemical of Concern: DFZ,PIM,Captan,ES,CBL,AZ,CHX,CPY,PHSL,DOD; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).

El-Guindy, M. A., El-Refai, A. R. M., and Abdel-Sattar, M. M. (1983). The Joint Action of Mixtures of Insecticides, or of Insect Growth Regulators and Insecticides, on Susceptible and Diflubenzuron-Resistant Strains of *Spodoptera littoralis* Boisd. *Pestic.Sci.* 14: 246-252.

EcoReference No.: 107100

Chemical of Concern: DFZ,MTPN,CYP,FNV,MOM; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(DFZ,MTPN,MOM,CYP,FNV).

El-Guindy, M. A., Rahman, A., El-Refai, M., and Abdel-Sattar, M. M. (1983). The Pattern of Cross-Resistance to Insecticides and Juvenile Hormone Analogues in a Diflubenzuron-Resistant Strain of the Cotton Leaf Worm *Spodoptera littoralis* Boisd. *Pestic.Sci.* 14: 235-245.

EcoReference No.: 93120

Chemical of Concern:
TDC,FNT,SPS,MP,PMR,FPP,FVL,DM,CYF,MTPN,DFZ,EN,CYP,DFZ,TBF,FNV,CPY,MOM,PFF;
Habitat: T; Effect Codes: MOR; Rejection Code: NO MIXTURE(TBF),NO CONTROL(ALL CHEMS).

El Safi, S. H. and Haridi, A. M. (1986). Field Trial of the Insect Growth Regulator, Dimilin, for Control of *Anopheles pharoensis* in Gezira, Sudan. *J.Am.Mosq.Control Assoc.* 2: 374-375.

EcoReference No.: 2495

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,POP,GRO; Rejection Code: NO ENDPOINT(DFZ).

Ellgaard, E. G., Barber, J. T., Tiwari, S. C., and Friend, A. L. (1979). An Analysis of the Swimming Behavior of Fish Exposed to the Insect Growth Regulators, Methoprene and Diflubenzuron. *Mosq.News* 39: 311-314.

EcoReference No.: 6824

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: BEH; Rejection Code: NO ENDPOINT(MTPN),NO ENDPOINT,NO CONTROL(DFZ).

Elsebae, A. A. (1994). Comparative Susceptibility of the Alareesh Marine Culture Center Shrimp *Penaeus japonicus* and the Brine Shrimp *Artemia salina* to Different Insecticides and Heavy Metals. *Alex.Sci.Exch.J.* 15: 425-435.

EcoReference No.: 93420

Chemical of Concern: PbN,CdCl,AICl,FNT,MLN,ES,MOM,CYP,CPY,DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Elzen, G. W. (1996). Evaluation of Beet Armyworm (Lepidoptera: Noctuidae) Tolerance to Insecticides and Response to IGR's. *Southwest.Entomol.* 21: 127-133.

EcoReference No.: 68418

Chemical of Concern: AMZ,TLM,MOM,ACP,BFT,CPY,SPS,PFF,TDC,FYC,DFZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(CPY,DFZ),TARGET(AMZ,TLM,MOM,ACP,BFT,PFF,TDC,FYC).

Emmett, B. J. and Archer, B. M. (1980). The Toxicity of Diflubenzuron to Honey Bee (*Apis mellifera* L.) Colonies in Apple Orchards. *Plant Pathol.* 29: 177-183.

EcoReference No.: 35146

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

Eshita, Y. and Kurihara, T. (1977). Effects of the Inhibition of the Insect Development by Dimilin on Four Species of Mosquitoes. *Jpn.J.Sanit.Zool.*28(3):333-336 (*Jpn*) (*Eng Abs*).

EcoReference No.: 5942

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

Farlow, J. E. (1976). Ecological Impact of Dimilin [1-(4-Chloropheny)-3-(2,6-Difluorobenzoyl)-Urea] on the Aquatic Fauna of a Louisiana Coastal Marsh. *Ph.D.Thesis, Louisiana State Univ.and Agric.and Mechanical College, Baton Rouge, LA* 144 p.(PUBL AS 7325).

EcoReference No.: 6334

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP; Rejection Code: NO PUBL AS(DFZ).

Farlow, J. E., Breaud, T. P., Steelman, C. D., and Schilling, P. E. (1978). Effects of the Insect Growth Regulator Diflubenzuron on Non-target Aquatic Populations in a Louisiana Intermediate Marsh. *Environ.Entomol.* 7: 199-204.

EcoReference No.: 7325

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

Fournet, F., Sannier, C., and Monteny, N. (1993). Effects of the Insect Growth Regulators OMS 2017 and Diflubenzuron on the Reproductive Potential of *Aedes aegypti*. *J.Am.Mosq.Control Assoc.* 9: 426-430.

EcoReference No.: 4976

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,REP; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Fournet, F., Sannier, C., Moriniere, M., Porcheron, P., and Monteny, N. (1995). Effects of Two Insect Growth Regulators on Ecdysteroid Production in *Aedes aegypti* (Diptera: Culicidae). *J.Med.Entomol.* 32: 588-593.

EcoReference No.: 110497

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

Gaaboub, I. A., Rawash, I. A., El-Gayar, F. H., and Traboulsi, A. F. (1981). The Delayed Effects and the Basal Follicle Numbers Developed by Females of *Culex pipiens* L. Emerged from Treatments of Larvae with Partially-Lethal Concentrations of Altosid and Dimilin. *Toxicology* 19: 269-274.

EcoReference No.: 110214

Chemical of Concern: MTPN,DFZ; Habitat: A; Effect Codes: MOR,CEL,GRO,POP; Rejection Code: NO ENDPOINT(DFZ,MTPN).

Georghiou, G. P., Lagunes, A., and Baker, J. D. (1983). Effect of Insecticide Rotations on Evolution of Resistance. In: J.Miyamoto and P.C.Kearney (Eds.), *Proc.of the 5th Int.Congress of Pesticide Chemistry, Aug.29-Sept.4, 1982, Kyoto, Japan* 183-189.

EcoReference No.: 16632

Chemical of Concern: DFZ,PPX,TMP,PMR; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).

Granett, J., Morang, S., and Hatch, R. (1978). Reduced Movement of Precocious Male Atlantic Salmon Parr into Sublethal Dimilin-G1 and Carrier Concentrations. *Bull.Environ.Contam.Toxicol.* 19: 462-464.

EcoReference No.: 7347

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

Grant, D. M. (1996). A Comparison of the Distribution, Metabolism and Excretion of Two Benzoylphenylurea Pesticides, Diflubenzuron and Lufenuron in the Rat and Mouse. *Ph.D.Thesis, North Carolina State Univ., NC* 98 p. (UMI# 19624956).

EcoReference No.: 111350

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

Grosscurt, A. C., Haar, M. T., Jongsma, B., and Stoker, A. (1988). PH 70-23: A new Acaracide and Insecticide Interfering with Chitin Deposition. *Pestic.Sci.* 22: 51-59.

EcoReference No.: 49766

Chemical of Concern: UREA,DCF,DFZ,CHX,FBOX,PRN; Habitat: T; Effect Codes: MOR,REP,BCM,GRO; Rejection Code: NO COC(CHTN),NO ENDPOINT(ALL CHEMS).

Gulka, G., Doscher, C. M., and Watabe, N. (1980). Toxicity and Molt-Accelerating Effects of Diflubenzuron on the Barnacle, *Balanus eburneus*. *Bull.Environ.Contam.Toxicol.* 25: 477-481.

EcoReference No.: 5316

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

Gulka, G., Gulka, C. M., and Watabe, N. (1982). Histopathological Effects of Diflubenzuron on the Cirripede Crustacean, *Balanus eburneus*. *Arch.Environ.Contam.Toxicol.* 11: 11-16.

EcoReference No.: 10556

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

Haas-Jobulius, M., Zhang, Y., Xu, Y., and Zhuan, C. (1991). Comparative Study on the Fate of Diflubenzuron and 1-(4,-Chlorophenyl)-3-(2-Chlorobenoyl) Urea in Laboratory Water and Fish. *Acta Hydrobiol.Sin.(Shuisheng Shengqu Xuebao)* 15: 207-211 (CHI) (ENG ABS).

EcoReference No.: 4279

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

Haga, T., Tsujii, Y., Hayashi, K., Kimura, F., Sakashita, N., and Fujikawa, K. I. (1990). Trifluoromethylpyridines as Building Blocks for new Agrochemicals. Discovery of a new Turf Herbicide. In: *D.R.Baker, J.G.Fenyas and W.K.Moberg (Eds.), ACS (Am.Chem.Soc.) Symp.Ser.No.443, Chapter 9, Synthesis and Chemistry of Agrochemicals II, Meet.Am.Chem.Soc., Washington, D.C.:* 107-120.

EcoReference No.: 74373

Chemical of Concern: DFZ,FNV,PMR,DM,CPYM,MOM,ACP,DDVP,DZ,FNZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL (ALL CHEMS) .

Hall, R. A. (1981). Laboratory Studies on the Effects of Fungicides, Acaricides and Insecticides on the Entomopathogenic Fungus, *Verticillium lecanii*. *Entomol.Exp.Appl.* 29: 39-48.

EcoReference No.: 94390

Chemical of Concern:

PMR,PIM,MLN,DFZ,DCF,DZ,CHX,BMY,Captan,CTN,DINO,FRM,IPD,ILL,Maneb,OXC,TFR,VCZ,Zineb,CBL; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS),NO COC(QOC,BS).

Hansen, S. R. and Garton, R. R. (1982). The Effects of Diflubenzuron on a Complex Laboratory Stream Community. *Arch.Environ.Contam.Toxicol.* 11: 1-10.

EcoReference No.: 15493

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

Hara, A. H. and Kaya, H. K. (1983). Toxicity of Selected Organophosphate and Carbamate Pesticides to Infective Juveniles of the Entomogenous Nematode *Neoaplectana carpocapsae* (Rhabditida: Steinernematidae). *Environ.Entomol.* 12: 496-501.

EcoReference No.: 37001

Chemical of Concern: MOM,DFZ,FNV,MXC,OML,MVP,TCF,FMP; Habitat: T; Effect Codes: BEH,MOR; Rejection Code: LITE EVAL CODED(TCF,MOM),OK(MVP,FMP),NO ENDPOINT(FNV,DFZ),TARGET(OML).

Harrahy, E. A., Perry, S. A., Wimmer, M. J., and Perry, W. B. (1994). The Effects of Diflubenzuron (Dimilin) on Selected Mayflies (Heptageniidae) and Stoneflies (Plecoptera: Perlidae and Perlodidae). *Environ.Toxicol.Chem.* 13: 517-522.

EcoReference No.: 4378

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

Hassan, S. A., Albert, R., Bigler, F., Blaisinger, P., Bogenschütz, H., Boller, E., Brun, J., Chiverton, P., Edwards, P., Englert, W. D., Huang, P., Inglesfield, C., Naton, E., Oomen, P. A., Overmeer, W. P. J., Rieckmann, W., Samsoe-Petersen, L., Staubli, A., Tuset, J. J., Viggiani, G., and Vanwetswinkel, G. (1987). Results of the Third Joint Pesticide Testing Programme by the IOBC/WPRS-Working Group "Pesticides and Beneficial Organisms". *J.Appl.Entomol.* 103: 92-107.

EcoReference No.: 59146

Chemical of Concern: AMTL,ACP,PHMD,AMZ,PMR,SZ,CBL,MOM,MZB,PZM,Captan,CTN,DFZ;

Habitat: T; Effect Codes: MOR,POP,PHY; Rejection Code: NO CONTROL(SZ,PHMD),NO ENDPOINT(ALL CHEMS).

Hassan, S. A., Bigler, F., Bogenschutz, H., Boller, E., Brun, J., Calis, J. N. M., Chiverton, P., Coremans-Pelseneer, J., Duso, C., Lewis, G. B., Mansour, F., Moreth, L., Oomen, P. A., Overmeer, W. P. J., Polgar, L., Rieckmann, W., Samsoe-Petersen, L., Staubli, A., Sterk, G., Tavares, K., Tuset, J. J., and Viggiani, G. (1991). Results of the Fifth Joint Pesticide Testing Programme Carried Out by the IOBC/WPRS-Working Group "Pesticides and Beneficial Organisms". *Entomophaga* 36: 55-67.

EcoReference No.: 73087

Chemical of Concern: OML,CTZ,HYT,FYC,BTN,Maneb,24DXY,GFS,DFZ,Captan,CTN,IPD,HTX,GFS;
Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(ALL CHEMS).

Hassan, S. A., Bigler, F., Bogenschutz, H., Boller, E., Brun, J., Calis, J. N. M., Coremans-Pelseneer, J., Duso, C., Grove, A., Heimbach, U., Helyer, N., Hokkanen, H., Lewis, G. B., Mansour, F., Moreth, L., Polgar, L., Samsoe-Peterson, L., Sauphanor, B., Staubli, A., Sterk, G., Vainio, A., Van de Veire, M., Viggiani, G., and Vogt, H. (1994). Results of the Sixth Joint Pesticide Testing Programme of the IOBC/WPRS-Working Group. Pesticides and Beneficial Organisms. *Entomophaga* 39: 107-119.

EcoReference No.: 50032

Chemical of Concern: TKY,CPR,SXD,HCZ,TDM,ANZ,FPP,DFZ,CYR,MTM,TFR,SFR,LIMS; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

Hester, P. G., Olson, M. A., and Floore, T. G. (1986). Effect of Diflubenzuron on Three Estuarine Decapods, *Callinectes* sp., *Palaemonetes pugio* and *Uca pugnator*. *J.Fla.Anti-Mosq.Assoc.* 57: 8-14.

EcoReference No.: 14640

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

Ho, C. M., Wu, S. H., and Wu, C. C. (1990). Evaluation of the Control of Mosquitoes with Insect Growth Regulators. *Kaohsiung J.Med.Sci.* 6: 366-374.

EcoReference No.: 111009

Chemical of Concern: MPTN,DFZ,PPB; Habitat: AT; Effect Codes: MOR,REP,POP,GRO; Rejection Code: NO CONTROL(DFZ,MPTN),NO MIXTURE(PPB).

Horst, M. N. and Walker, A. N. (1995). Biochemical Effects of Diflubenzuron on Chitin Synthesis in the Postmolt Blue Crab *Callinectes sapidus*. *J.Crustac.Biol.* 15: 401-408.

EcoReference No.: 18012

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

Hurd, M. K., Perry, S. A., and Perry, W. B. (1996). Nontarget Effects of a Test Application of Diflubenzuron to the Forest Canopy on Stream Macroinvertebrates. *Environ.Toxicol.Chem.* 15: 1344-1351.

EcoReference No.: 17228

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

Ikemoto, Y., Motoba, K., Suzuki, T., and Uchida, M. (1992). Quantitative Structure-Activity Relationships of Nonspecific and Specific Toxicants in Several Organism Species. *Environ.Toxicol.Chem.* 11: 931-939.

EcoReference No.: 5913

Chemical of Concern: DFZ,BPZ; Habitat: A; Effect Codes: GRO; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Ivie, G. W. (1978). Fate of Diflubenzuron in Cattle and Sheep. *J.Agric.Food Chem.* 26: 81-89.

EcoReference No.: 37271

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

Jess, S. and Kilpatrick, M. (2000). An Integrated Approach to the Control of *Lycoriella solani* (Diptera: Sciaridae) During Production of the Cultivated Mushroom (*Agaricus bisporus*). *Pest Manag.Sci.* 56: 477-485.

EcoReference No.: 110501

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

Johnson, C. R. (1977). The Effects of Subacute Concentrations of the Insect Growth Regulators, Dimilin and Methoprene, on Thermal Tolerance and Behavior in the Mosquitofish *Gambusia affinis*. *Proc.Pap.Annu.Conf.Calif.Mosq.Vector Control Assoc.* 45: 54-55.

EcoReference No.: 7505

Chemical of Concern: MTPN,DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(MTPN),NO ENDPOINT,NO CONTROL(DFZ).

Jukes, A. A., Collier, R. H., and Finch, S. (2001). Cabbage Root Fly Control Using Non-organophosphorus Insecticides. *Meded.Fac.Landbouww.Univ.Gent.* 66: 395-402.

EcoReference No.: 96263

Chemical of Concern: SS,CYR,FPN,DFZ,CPY,CBF; Habitat: T; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Julin, A. M. and Sanders, H. O. (1978). Toxicity of the IGR, Diflubenzuron, to Freshwater Invertebrates and Fishes. *Mosq.News* 38: 256-259 (Author Communication Used) (Publ in Part As 6797).

EcoReference No.: 939

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

Kalafatic, M. (1997). Regeneration and Asexual Reproduction of *Hydra oligactis* Treated with Different Pesticides. *Biologia (Bratisl.)* 52: 475-480.

EcoReference No.: 110217

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

Kalafatic, M. and Kopjar, N. (1994). Response of Green Hydra to the Treatment with Different Pesticides Under Laboratory Conditions. *Z.Angew.Zool.* 80: 213-223.

EcoReference No.: 59924

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

Kalafatic, M. and Znidaric, D. (1987). Effects of Dimiline upon the Second Generation of *Hydra vulgaris*. *Acta Hydrochim.Hydrobiol.* 15: 647-652.

EcoReference No.: 5042

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

Kalafatic, M., Znidaric, D., Lui, A., and Wrischer, M. (1991). Effect of Insecticides (Dimiline WP 25, Torak EC 24 and Gamacide 20) on Hydra (*Hydra vulgaris* Pallas). *Int.J.Dev.Biol.* 35: 335-340.

EcoReference No.: 9587

Chemical of Concern: DFZ,HCCH; Habitat: A; Effect Codes: GRO,CEL; Rejection Code: NO ENDPOINT(DFZ).

Kasyanov, V. L. and Costlow, J. D. (1984). Effect of Insecticide Dimilin on Larval Molting in the Horse-Shoe Crab, *Limulus polyphemus*. *Biol.Morya (Vladivost.)* 1: 46-51 (RUS) (ENG ABS).

EcoReference No.: 11498

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

Kazmi, M. A., Siddiqui, P. A., Naqvi, S. N. H., and Ahmad, S. O. (1985). Effect of Dimilin on Freshwater Fish *Oreochromis mossambicus* (Peters). I. Toxicity and Phosphomonoesterase Inhibition. *C.A.Sel.- Environ.Pollut.* 17:107-53849T (1987) / *Karachi Univ.J.Sci.* 13: 71-82.

EcoReference No.: 2187

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

Knuth, M. L. and Heinis, L. J. (1995). Distribution and Persistence of Diflubenzuron within Littoral Enclosure Mesocosms. *J.Agric.Food Chem.* 43: 1087-1097.

EcoReference No.: 56610

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

Kohli, V. K. and Mittal, P. K. (1985). Histopathological Effects of Diflubenzuron on Cuticle of Mosquito *Culex pipiens-fatigans* Diptera: Culicidae. *Ann.Biol.(Ludhiana)* 1: 216-219.

EcoReference No.: 111198

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

Koyanagi, T., Morita, M., and Fujii, Y. (1998). Synthesis and Insecticidal Activity of Alkylated n-Benzoyl-n'-Phenylureas and Their Toxicity to Aquatic Invertebrate. *J.Pestic.Sci.* 23: 250-254.

EcoReference No.: 51169

Chemical of Concern: DFZ,HFR; Habitat: AT; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Kruger, K. and Schumann, R. D. (1993). Effects of Dimilin, an Insect Growth Regulator, on Behaviour, Fertility and Development of a Non Target Organism, *Leptothorax acervorum* (Hym., Formicidae). *J.Appl.Entomol.* 115: 526-531.

EcoReference No.: 110490

Chemical of Concern: DFZ; Habitat: T; Effect Codes: MOR,REP,BEH; Rejection Code: NO ENDPOINT(DFZ).

Laufer, H. (1982). The Effect of Hormonal Pollutants on Aquatic Crustacea and the Surrounding Environment. *Tech.Completion Rep.A-083 Conn, Inst.of Water Resour., University of Connecticut, Storrs, CT* 38 p.

EcoReference No.: 10238

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: MOR,BCM,GRO,REP; Rejection Code: LITE EVAL CODED(MTPN),NO CONTROL(DFZ).

Lee, B. M. and Scott, G. I. (1989). Acute Toxicity of Temephos, Fenoxycarb, Diflubenzuron, and Methoprene and *Bacillus thuringiensis* var. *israelensis* to the Mummichog (*Fundulus heteroclitus*).

Bull. Environ. Contam. Toxicol. 43: 827-832.

EcoReference No.: 2548

Chemical of Concern: DFZ,TMP,FYC,MTPN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(MTPN),NO CONTROL(EFX,FYC,TMP,DFZ).

Levy, R. and Miller, T. W. Jr. (1978). Tolerance of the Planarian *Dugesia dorotocephala* to high Concentrations of Pesticides and Growth Regulators. *Entomophaga* 23: 31-34.

EcoReference No.: 5152

Chemical of Concern: MTPN,TMP,FNTH,CPY,MLN,DFZ; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(MTPN,TMP,FNTH,CPY,MLN,DFZ,TMP).

Liebhold, A., Luzader, E., Reardon, R., Bullard, A., Roberts, A., Ravlin, W., Delost, S., and Spears, B. (1996). Use of a Geographic Information System to Evaluate Regional Treatment Effects in a Gypsy Moth (Lepidoptera: Lymantriidae) Management Program. *J.Econ.Entomol.* 89: 1192-1203.

EcoReference No.: 109871

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

Lloyd, J. E. and Kumar, R. (1991). Sheep KED Control with Dimilin as a 0.2% Spray, 1989. *Insectic.Acaric.Tests* 16: 287-288 (12K).

EcoReference No.: 111050

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

Lloyd, J. E., Kumar, R., and Waggoner, J. W. (1992). Evaluation of Dimilin 1 and 2% Pour-on for Control of Cattle Lice in Wyoming, 1991. *Insectic.Acaric.Tests* 17: 383 (2K).

EcoReference No.: 111049

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

Lopez-Lopez, T., Martinez-Vidal, J. L., Gil-Garcia, M. D., Martinez-Galera, M., and Rodriguez-Lallena, J. A. (2004). Benzoylphenylurea Residues in Peppers and Zucchini Grown in Greenhouses: Determination of Decline Times and Pre-Harvest Intervals by Modelling. *Pest Manag.Sci.* 60: 183-190.

EcoReference No.: 107922

Chemical of Concern: DFZ,HFR; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ,HFR).

Lowden, S., Gray, S., and Dawson, K. (2007). Treatment of Natural Infestations of the Biting Louse (*Werneckiella equi*) on Horses Using Triflumuron, a Benzoylurea Derivative Insect Growth Regulator. *Vet.Parasitol.* 148: 295-300.

EcoReference No.: 111047; Habitat: T; Effect Codes: POP; Rejection Code: NO COC(DFZ).

Ludwig, G. M. (1993). Effects of Trichlorfon, Fenthion, and Diflubenzuron on the Zooplankton Community and on Production of Reciprocal-Cross Hybrid Striped Bass Fry in. *Aquaculture* 110: 301-319.

EcoReference No.: 14615

Chemical of Concern: DFZ,TCF; Habitat: A; Effect Codes: MOR,POP,GRO; Rejection Code: NO ENDPOINT(TCF,DFZ).

Mabury, S. A. and Crosby, D. G. (1996). Fate and Disposition of Diflubenzuron in Rice Fields.

Environ.Toxicol.Chem. 15: 1908-1913.

EcoReference No.: 17366

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

Machado, J., Coimbra, J., Castilho, F., and Sa, C. (1990). Effects of Diflubenzuron on Shell Formation of the Freshwater Clam, *Anodonta cygnea*. *Arch.Environ.Contam.Toxicol.* 19: 35-39.

EcoReference No.: 2998

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

MacLachlan, D. J. (2008). Transfer of Fat-Soluble Pesticides from Contaminated Feed to Poultry Tissues and Eggs. *Br.Poult.Sci.* 49: 290-298.

EcoReference No.: 109699

Chemical of Concern: SS,HCCH,DM,DFZ,FPN,PPB; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(SS,HCCH,DM,DFZ,FPN,PPB).

Madder, D. J. and Lockhart, W. L. (1978). A Preliminary Study of the Effects of Diflubenzuron and Methoprene on Rainbow Trout (*Salmo gairdneri* Richardson). *Bull.Environ.Contam.Toxicol.* 20: 66-70.

EcoReference No.: 5799

Chemical of Concern: DFZ,MTPN,UREA; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(MTPN),OK(UREA),NO ENDPOINT,NO CONTROL(DFZ).

Malinowski, H. (1995). Acylurea Insect Growth Regulators in Integrated Control of Forest Pest Insects. In: *H.Malinowski and G.Tsankov (Eds.), 3rd Meet.of the E.Paleartic Sect.Int.Org.for Biol.Control, Biological and Integrated Forest Protection, Sept.12-16, 1994, For.Res.Inst., Warsaw, Poland* 251-259.

EcoReference No.: 111046

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

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,CQTC,C PY,CuS,DBN,D CPA,DCTP,DDVP,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS, LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,OML,OYZ,PCP,PEB,PAQT,PRT,PSM, Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RSM,RTN,ALSV,Se,DBAC,Zn,As,MTPN, DCB,MTAS,OXD,PEPPG,TBF,CPYM,FLU,PPG,EPTC,TBO,PFF,TMP,TVPM,BSO,ZnS,ES,TCF,FNT,B MY,PPN,DCF,BTY,FDE,FBOX,EFV,PPX,MBTZ,DQTBr; 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,CuS, DOD,NaN3,DMB,RSM,CaPS,MCPB, NaPCP,PCP,AMSV,ALSV,PRT,ATM,CQTC,ATN,DBAC),NO CONTROL(PMR,EPTC,PPG,GYP,LNR,PSM,DS,FLU,OYZ,24DXY,DPDP,CPYM,CPY,PEPPG,MP,Nal ed,BS,OXD,Captan,MLN,HXZ,TBF,TBO,CMPH,PFF,TMP,TVPM,BSO,DCTP,DU,ZnS,D CPA,OML,AC P,DDVP,ES,TCF,FNT,BMY,PPN,DCF,BTY,ACR,PQT,FDE,FBOX,EFV,TFN,PPX,MBTZ,DQTBr,DFZ).

McKague, A. B. and Pridmore, R. B. (1978). Toxicity of Altosid and Dimilin to Juvenile Rainbow Trout and Coho Salmon. *Bull.Environ.Contam.Toxicol.* 20: 167-169.

EcoReference No.: 979

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: MOR; Rejection Code: NO

CONTROL(MTPN),NO ENDPOINT,NO CONTROL(DFZ).

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,PC H,24DXY,PHMD,MXC,DMB,ACR,ATZ,TBO,GYP,OYZ,BT,MBZ,TFN,CBF,Maneb,Zineb,AND,DLDD,DT,HPT,TXP,CHD,PPN,Captan; Habitat: AT; Effect Codes: ACC; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

Miller, J. A., Chamberlain, W. F., and Oehler, D. D. (1985). Methods for Control of the Angora Goat Biting Louse. *Southwest.Entomol.* 10: 181-184.

EcoReference No.: 92526

Chemical of Concern: FNV,DFZ,FNTH; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(FNV,DFZ).

Miller, R. W., Corley, C., Oehler, D. D., and Pickens, L. G. (1976). Feeding TH 6040 to Cattle: Residues in Tissues and Milk and Breakdown in Manure. *J.Agric.Food Chem.* 24: 687-688.

EcoReference No.: 110498

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

Miller, R. W. and Miller, J. A. (1985). Feed-Through Chemicals for Insect Control in Animals. In: *J.L.Hilton, (Ed.), Beltsville Symp.in Agricultural Research, Agricultural Chem.of the Future, May 16-19, 1983, Beltsville, MD, Rowman and Allanheld Publ., Totowa, NJ* 8: 355-364.

EcoReference No.: 96764

Chemical of Concern: DFZ,CMPH,MTPN,CYR; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO REVIEW(CMPH,MTPN,CYR),NO ENDPOINT,NO CONTROL(DFZ).

Mittal, P. K. and Kohli, V. K. (1985). Diflubenzuron - an Antimoulting IGR in *Culex pipiens fatigans*. *Uttar Pradesh J.Zool.* 5: 94-96.

EcoReference No.: 111118

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

Mittal, P. K. and Kohli, V. K. (1988). The Effect of Diflubenzuron on the Egg Laying and Vitellogenesis in Female *Culex pipiens quinquefasciatus*. *Res.Bull.Panjab Univ.Sci.* 39: 93-100.

EcoReference No.: 14076

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

Miura, T., Murray, W. D., and Takahashi, R. M. (1975). Effects of Dimilin on Nontarget Organisms in Early-Spring *Culex tarsalis* Larval Habitats. *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 43: 79-83 (Author Communication Used).

EcoReference No.: 8149

Chemical of Concern: DFZ; Habitat: A; Effect Codes: POP,REP,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Miura, T. and Takahashi, R. M. (1976). Effects of Dimilin on Nontarget Organisms: Repeated Utilizations on the Same Habitats as a Mosquito Larvicide. *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 44: 86-89.

EcoReference No.: 110946

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

Miura, T. and Takahashi, R. M. (1974). Toxicity of TH-6040 to Freshwater Crustacea and the Use of a Tolerance Index As a Method of Expressing Side Effects on Nontargets. *Proc.Ann.Conf.Calif.Mosq.Control Assoc.* 42: 177-180.

EcoReference No.: 5814

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

Mohamed, A. K. A., Pratt, J. P., and Nelson, F. R. S. (1987). Compatability of *Metarhizium anisopliae* var. *anisopliae* with Chemical Pesticides. *Mycopathologia* 99: 99-105.

EcoReference No.: 70030

Chemical of Concern:

Zineb,Maneb,BMY,MTPN,DFZ,HCCH,PYN,PMR,OML,MOM,CBF,MLN.FNTH,DZ,AZ,TMP,RSM,CP Y,CBL,CHD,TXP,OML; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Mohsen, Z. H. and Mulla, M. S. (1982). Field Evaluation of Simulium Larvicides: Effects on Target and Nontarget Insects. *Environ.Entomol.* 11: 390-398.

EcoReference No.: 10298

Chemical of Concern: DFZ,CYP,TMP; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(DFZ,CYP,TPM).

Morcombe, P. W., Gillibrand, M., Horton, B. J., Best, D. J., Barr, W., Armstrong, R., Karlsson, J., and Campbell, N. J. (1999). Modelling Pesticide Residues on Greasy Wool: Surveys of the Insect Growth Regulators Triflumuron and Diflubenzuron. *Aust.J.Exp.Agric.* 39: 529-534.

EcoReference No.: 111197

Chemical of Concern: DFZ; Habitat: T; Effect Codes: ACC; Rejection Code: NO CONC,NO ENDPOINT,NO CONTROL(DFZ).

Moudgal, R. K., Khokhar, S., and Dahiya, B. (2005). Bioefficacy of IGRs Diflubenzuron and Methoxyfenozide Against Cabbage Semilooper, *Thysanoplusia orichalcea* (Fabricius). *Pestic.Res.J.* 17: 39-42.

EcoReference No.: 82444

Chemical of Concern: MFZ,DFZ; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO CONTROL,NO ENDPOINT(ALL CHEMS).

Mulder, R. and Gijswijt, M. J. (1973). The Laboratory Evaluation of Two Promising new Insecticides Which Interfere with Cuticle Deposition. *Pestic.Sci.* 4: 737-745.

EcoReference No.: 17919

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

Mutanen, R. M., Siltanen, H. T., Kuukka, V. P., Annila, E. A., and Varama, M. M. O. (1988). Residues of Diflubenzuron and Two of Its Metabolites in a Forest Ecosystem After Control of the Pine Looper Moth, *Bupalus piniarius* L. *Pestic.Sci.* 23: 131-140.

EcoReference No.: 110813

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

Naqvi, S. N. H., Azmi, M. A., Jahan, M., Naz, U., and Akhtar, K. (1994). Determination of Toxicity and IGR Effect of Diflubenzuron and RB-b Formulation on the Larvae of *Aedes aegypti*. *Natl.Acad.Sci.Lett.* 17: 193-194.

EcoReference No.: 19441

Chemical of Concern: DFZ; Habitat: AT; Effect Codes: MOR,GRO; Rejection Code: NO ENDPOINT(DFZ).

Narayana, M. L. and Babu, T. R. (1992). Evaluation of Five Insect Growth Regulators on the Egg Parasitoid *Trichogramma chilonis* (Ishii) (Hym., Trichogrammatidae) and the Hatchability of *Corcyra cephalonica* Staint (Lep., Galleriidae). *J.Appl.Entomol.* 113: 56-60.

EcoReference No.: 110361

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

Navarro, A., Garcia, F. A., Valdes, S., and Marquetti, M. D. C. (1992). Laboratory Evaluation of Three Insect Growth Regulators Against a Malathion Resistant Strain of *Culex quinquefasciatus* (Diptera: Culicidae). *Mem.Inst.Oswaldo Cruz Rio J.* 87: 603-604.

EcoReference No.: 94533

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(MTPN,DFZ),NO COC(MLN).

Nebeker, A. V., McKinney, P., and Cairns, M. A. (1983). Acute and Chronic Effects of Diflubenzuron (Dimilin) on Freshwater Fish and Invertebrates. *Environ.Toxicol.Chem.* 2: 329-336 (Author Communication Used).

EcoReference No.: 10480

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO,BEH; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Nejmanova, J., Cvacka, J., Hrdy, I., Kuldova, J., Mertelik, J., Muck, A. Jr., Nesnerova, P., and Svatos, A. (2006). Residues of Diflubenzuron on Horse Chestnut (*Aesculus hippocastanum*) Leaves and Their Efficacy Against the Horse Chestnut Leafminer, *Cameraria ohridella*. *Pest Manag.Sci.* 62: 274-278.

EcoReference No.: 109872

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

Newman, J. W., Denton, D. L., Morisseau, C., Koger, C. S., Wheelock, C. E., Hinton, D. E., and Hammock, B. D. (2001). Evaluation of Fish Models of Soluble Epoxide Hydrolase Inhibition. *Environ.Health Perspect.* 109: 61-66.

EcoReference No.: 60040

Chemical of Concern: TBC,CYC,DU,DFZ,SID,CPP,FYC,MLT; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(SID,DU),NO IN VITRO(MTL,FYC,CPP,DFZ,CYC,TBC).

Nimmo, D. R., Hamaker, T. L., Moore, J. C., and Wood, R. A. (1980). Acute and Chronic Effects of Dimilin on Survival and Reproduction of *Mysidopsis bahia*. In: *J.G.Eaton, P.R.Parrish, and A.C.Hendricks (Eds.), Aquatic Toxicology and Hazard Assessment, 3rd Symposium, ASTM STP 707, Philadelphia, PA 366-376* (6036 and 2201 Used As Reference).

EcoReference No.: 5536

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,REP; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Nimmo, D. R., Hamaker, T. R., Moore, J. C., and Sommers, C. A. (1979). Effect of Diflubenzuron on an Estuarine Crustacean. *Bull.Environ.Contam.Toxicol.* 22: 767-770.

EcoReference No.: 5412

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,REP; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Nishiuchi, Y. (1989). Toxicity of Pesticides to Some Aquatic Animals. XI. Toxicity of Some Pesticides to Tadpoles. *C.A.Sel.-Environ.Pollut.*18:3-72754Y (1990) / *Aquat.Ecol.Chem.(Seitai Kagaku)* 9: 23-26 (JPN).

EcoReference No.: 8589

Chemical of Concern: ACP,DFZ,TPR,PYN,DPP1,MLH,DQTBr; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ACP,DFZ,TPR,PYN,DPP1,MLH,DQTBr).

Nunamaker, C. E. (1980). The Effects of Diflubenzuron on the Spermatheca of the Queen Honey Bee (*Apis mellifera* L.). An Ultrastructural Study. *M.S.Thesis, Univ.of Wyoming*, WY 59 p. (UMI# EP25390).

EcoReference No.: 111107

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

Opdycke, J. C. and Menzer, R. E. (1984). Pharmacokinetics of Diflubenzuron in Two Types of Chickens. *J.Toxicol.Environ.Health* 13: 721-733.

EcoReference No.: 38209

Chemical of Concern: DFZ; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: NO ENDPOINT,NO CONTROL(DFZ).

Opdycke, J. C., Miller, R. W., and Menzer, R. E. (1982). In Vivo and Liver Microsomal Metabolism of Diflubenzuron by Two Breeds of Chickens. *J.Agric.Food Chem.* 30: 1227-1233.

EcoReference No.: 38210

Chemical of Concern: DFZ; Habitat: T; Effect Codes: ACC,GRO,PHY; Rejection Code: NO ENDPOINT(DFZ).

Opdycke, J. C., Miller, R. W., and Menzer, R. E. (1982). Metabolism and Fate of Diflubenzuron in Swine. *J.Agric.Food Chem.* 30: 1223-1227.

EcoReference No.: 38211

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

Page, M., Ryan, R. B., Rappaport, N., and Schmidt, F. (1982). Comparative Toxicity of Acephate, Diflubenzuron, and Malathion to Larvae of the Larch Casebearer, *Coleophora laricella* (Lepidoptera: Coleophoridae) and Adults of Its Parasites, *Chrysocharis laricinellae* and *Diadocerus nearcticus*. *Environ.Entomol.* 11: 730-732 .

EcoReference No.: 109860

Chemical of Concern: DFZ,MLN,ACP; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(DFZ,MLN),OK(ACP).

Pelsue, F. W., McFarland, G. C., and Beesley, C. (1974). Field Evaluation of Two Insect Growth Regulators Against Chironomid Midges in Water Spreading Basins. *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 42: 157-163.

EcoReference No.: 8671

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

Prendergast, B. F., Yendol, W. G., Maczuga, S., Reardon, R. C., McLane, W. H., Miller, D. R., and McAneney, M. P. (1995). Diflubenzuron Residue and Persistence on an Oak Forest After Aerial Application. *J.Environ.Sci.Health Part B* 30: 359-376.

EcoReference No.: 69289

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

Quarles, J. M., Norman, J. O., and Kubena, L. F. (1980). Absence of Transformation of Diflubenzuron in a Host-Mediated Transplacental Carcinogen Assay. *Bull.Environ.Contam.Toxicol.* 25: 252-256.

EcoReference No.: 110496

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

Rao, D. R. and Paul, G. (1988). Growth Regulatory Activity of Dimilin Against Mesocyclops thermocyclopoides. *Curr.Sci.* 57: 399-400.

EcoReference No.: 9988

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

Refaei, A. F., Hegazy, M. A., Hussein, N. M., and El-Hamaky, M. A. (1990). Efficiency of Certain Insecticides, Insect Growth Inhibitors and Their Combinations Against the Cotton Leafworm Larvae in Cotton Plantations of Egypt. *Meded.Fac.Landbouwwet.Rijksuniv.Gent* 55: 601-607.

EcoReference No.: 92313

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

Reynolds, S. L., Fussell, R. J., and Macarthur, R. (2005). Investigation into the Validity of Extrapolation in Setting Maximum Residue Levels for Pesticides in Crops of Similar Morphology. *Food Addit.Contam.* 22: 31-38.

EcoReference No.: 95957

Chemical of Concern: TDM,OMT,MLO,IPD,PIM,TDF,CBD,CPY,DFZ,DMT,MLN,MLX; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT(MLN,DMT,CPY,TDF,IPD,PIM,CBD,DFZ,MLX),NO FATE(MLO,OMT,TDM).

Richmond, M. L., Henny, C. J., Floyd, R. L., Mannan, R. W., Finch, D. M., and DeWeese, L. R. (1979). Effects of Sevin-4-Oil, Dimilin, and Orthene on Forest Birds in Northeastern Oregon. *Res.Paper No.PSW-148, Pacific Forest and Range Experiment Station, U.S.D.I., Washington, D.C.*: 19 p.

EcoReference No.: 53614

Chemical of Concern: DFZ,CBL,ACP; Habitat: T; Effect Codes: BCM,BEH,PHY,POP; Rejection Code: NO ENDPOINT(ACP,CBL,DFZ).

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:

DM,FMP,PPG,AMZ,AND,MOM,PRT,MTAS,DZ,PRN,PPHD,ES,PAQT,ACR,DOD,CYX,TFN,OXF,PHMD,LNR,PNB,DFZ; Habitat: T; Effect Codes: BEH,PHY; Rejection Code: NO ENDPOINT(DM,FMP,PPG,AMZ,AND,MOM,PRT,MTAS,DZ,PRN,PPHD,ES,PAQT,ACR,DOD,CYX,TFN,OXF,PHMD,LNR,PNB,DFZ),NO COC(TLM,CTN).

Rovesti, L., Heinzpeter, E. W., Tagliente, F., and Deseo, K. V. (1988). Compatibility of Pesticides with the

Entomopathogenic Nematode *Heterorhabditis bacteriophora* Poinar (Nematoda: Heterorhabditidae).
Nematologica 34: 462-476.

EcoReference No.: 93075

Chemical of Concern:

DOD,FRM,AMZ,PCZ,CHX,PPM,FOLPET,MLX,CBF,CBD,MTAS,DCF,Dino,CTN,SFR,CuS,THM,MZB
,PPG,DZ,ES,HCCH,PRN,PRT,TBO,FNF,CPY,ADC,MOM,DFZ,HTX,OXF,ACR,PQT; Habitat: A;
Effect Codes: MOR, BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

Saleh, M. S., Gaaboub, I. A., and Kassem, S. M. I. (1981). Larvicidal Effectiveness of Three Controlled-Release Formulations of Dursban and Dimilin on *Culex pipiens* L. and *Aedes aegypti* (L.). *J.Agric.Sci.*97(Part 1) 87-96.

EcoReference No.: 15758

Chemical of Concern: CPY,DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO
ENDPOINT(CPY,DFZ).

Satake, K. N. and Yasuno, M. (1987). The Effects of Diflubenzuron on Invertebrates and Fishes in a River. *Jpn.J.Sanit.Zool./Eisei Dobutsu* 38: 303-316.

EcoReference No.: 13621

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

Schaefer, C. H., Colwell, A. E., and Dupras, E. F. Jr. (1980). The Occurrence of p-Chloroaniline and p-Chlorophenylurea From the Degradation of Diflubenzuron in Water and Fish. *In: Proc.Pap.48th Annu.Conf.Calif.Mosq.Vector Control Assoc.Inc., Jan.20-23, 1980* 84-89.

EcoReference No.: 6626

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

Schaefer, C. H. and Dupras, E. F. Jr. (1977). Residues of Diflubenzuron (1-(4-Chlorophenyl) -3- (2,6-Difluorobenzoyl)Urea) in Pasture Soil, Vegetation, and Water Following Aerial Applications. *J.Agric.Food Chem.* 25: 1026-1030.

EcoReference No.: 110944

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

Schaefer, C. H., Dupras, E. F. Jr., Stewart, R. J., Davidson, L. W., and Colwell, A. E. (1979). The Accumulation and Elimination of Diflubenzuron by Fish. *Bull.Environ.Contam.Toxicol.* 21: 249-254.

EcoReference No.: 426

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

Schaefer, C. H., Miura, T., Wilder, W. H., and Mulligan III, F. S. (1977). Evaluation of Dimilin, Pydrin, Sumithion, Resmethrin and Fenethcarb for the Control of California Mosquitoes. *Proc.Pap.Annu.Calif.Conf.Mosq.Vector Control Assoc.* 146-148.

EcoReference No.: 16224

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

Schoettger, R. A. and Mauck, W. L. (1978). Toxicity of Experimental Forest Insecticides to Fish and Aquatic Invertebrates. *In: D.I.Mount, W.R.Swain, and N.K.Ivanikiw (Eds.), Proc.1st and 2nd USA-USSR Symp.on Effects of Pollutants upon Aquatic Ecosystems, Vol.1, Symp.Oct.21-23, 1975, Vol.2, USSR Symp., June 22-*

26, 1976, Duluth, MN 250, 266 (U.S.NTIS PB-287219) (Publ in Part As 6797).

EcoReference No.: 5238

Chemical of Concern: ACP,CBL,DFZ,FNT; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(ACP,CBL,DFZ,FNT).

Scott, G. C. (1981). Experimental Seed Treatments for the Control of Wheat Bulb Fly and Slugs. *Br.Crop Prot.Conf.* 11: 441-448.

EcoReference No.: 91932

Chemical of Concern: DFZ,FNF,EPRN,PMR,CYP,FNV,TMT,RSM; Habitat: T; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Sechser, B. and Reber, B. (1998). Using a Sequential Testing Scheme Under Laboratory and Field Conditions with the Bumble Bee *Bombus terrestris* to Evaluate the Safety of Different Groups of Insecticides. In: *P.T.Haskell and P.McEwen (Eds.), Ecotoxicology: Pesticides and Beneficial Organisms, Chapter 17, Kluwer Acad.Publ., London* 166-174.

EcoReference No.: 73142

Chemical of Concern: DFZ,FYC,PMZ,LUF,DMT; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: NO ENDPOINT(ALL CHEMS).

Sen, N. S., Naqvi, A. H., and Rani, V. (1993). Inhibition of Ovicidal Activities and Fertility in a Water Beetle, *Cybister tripunctatus asiaticus* Sharp (Coleoptera, Dytiscidae) Following Topical Application of Diflubenzene, a Chitin Inhibitor. *Entomol.Basil.* 16: 73-78.

EcoReference No.: 110158

Chemical of Concern: DFZ; Habitat: A; Effect Codes: REP,MOR; Rejection Code: NO ENDPOINT(DFZ).

Shea, P. J. (1977). Testing of Chemical and Microbial Insecticides for Safety...Some Techniques. *Bull.Entomol.Soc.Am.* 23: 176-178.

EcoReference No.: 110947

Chemical of Concern: DFZ,ACP,CBL; Habitat: AT; Effect Codes: ACC,BCM; Rejection Code: NO ENDPOINT(DFZ,ACP,CBL).

Smagghe, G. and Degheele, D. (1997). Comparative Toxicity and Tolerance for the Ecdysteroid Mimic Tebufenozide in a Laboratory and Field Strain of Cotton Leafworm (Lepidoptera: Noctuidae). *J.Econ.Entomol.* 90: 278-282.

EcoReference No.: 66743

Chemical of Concern: TUZ,CPY,MOM,CYP,MDT,DM,CBL,DFZ; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(DM,CBL,TUZ),NO CONTROL(CPY,MOM,CYP,MDT,DFZ).

Smith, K. A., Grigarick, A. A., and Oraz, M. J. (1988). Field Evaluations of Diflubenzuron and Triflumuron for Control of the Rice Water Weevil in California Rice Fields. *J.Agric.Entomol.* 5: 121-126.

EcoReference No.: 4516

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

Sreelatha and Divakar, B. J. (1993). Selectivity of Some Pesticides to the Larval Parasitoid, *Bracon hebetor*. *Indian J.Plant Prot.* 21: 155-156.

EcoReference No.: 107722

Chemical of Concern: CBL,DFZ,ES,FVL,PHSL; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT,NO CONTROL(ALL CHEMS).

Steinberg, C. E. W., Xu, Y., Lee, S. K., Freitag, D., and Kettrup, A. (1993). Effect of Dissolved Humic Material (DHM) on Bioavailability of Some Organic Xenobiotics to *Daphnia magna*. *Chem.Spec.Bioavail.* 5: 1-9.

EcoReference No.: 13435

Chemical of Concern: DFZ,DZ,PCP; Habitat: A; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(DZ,PCP,DFZ).

Stocki, J. (1995). Diprionidae Outbreak in the Kampinos National Park in 1991-94. In: *H.Malinowski and G.Tsankov (Eds.), 3rd Meet.of the E.Palearctic Sect.Int.Org.for Biol.Control, Biological and Integrated Forest Protection, Sept.12-16, 1994, Sekocin, Poland, For.Res.Inst., Warsaw, Poland* 281-285.

EcoReference No.: 111048

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

Sundaram, K. M. S. (1989). Deposition, Persistence and Dissipation of Diflubenzuron in Pond and Stream Environments Following Aerial Application of Dimilin WP-25. *Can.J.Plant Sci.* 69: 259-260 (ABS).

EcoReference No.: 17932

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

Sundaram, K. M. S., Holmes, S. B., Kreutzweiser, D. P., Sundaram, A., and Kingsbury, P. D. (1991). Environmental Persistence and Impact of Diflubenzuron in a Forest Aquatic Environment Following Aerial Application. *Arch.Environ.Contam.Toxicol.* 20: 313-324.

EcoReference No.: 12765

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

Sundaramurthy, V. T. (1980). Effects of Diflubenzuron on a Field Population of the Coconut Black-Headed Caterpillar, *Nephantis serinopa* Meyrick (Lepidoptera: Celychiidae), and Its Parasite, *Parasierola nephantidis* (Muesebeck) (Hymenoptera: Bethyridae), in India. *Bull.Entomol.Res.* 70: 25-31.

EcoReference No.: 111215

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

Svestka, M. (1989). Results and Problems of Aerial Application of Pesticides and Biopreparations in Czechoslovak Forestry. *Lesnictvi* 35: 1003-1014.

EcoReference No.: 99740

Chemical of Concern: GYP,HXZ,FZFB,PMR,PIRM,DFZ; Habitat: AT; Effect Codes: POP,REP; Rejection Code: NO ENDPOINT(GYP,PMR),NO CONTROL(ALL CHEMS).

Tabaru, Y. (1985). Studies on Chemical Control of a Nuisance Chironomid Midge (Diptera: Chironomidae) 4. Efficacy of Two Insect Growth Regulators to *Chironomus yoshimatsui* in Laboratory and Field. *Jpn.J.Sanit.Zool./Eisei Dobutsu* 36: 309-313 (JPN) (ENG ABS).

EcoReference No.: 17676

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: POP; Rejection Code: NO FOREIGN(MTPN),NO ENDPOINT(DFZ).

Takahashi, R. M. and Miura, T. (1975). Insect Developmental Inhibitors: Multiple Applications of Dimilin and Altosid to *Gambusia affinis* (Baird and Girard). *Proc.Pap.Annu.Conf.Calif.Mosq.Control Assoc.* 43 : 85-87.

EcoReference No.: 8222

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

Takeuchi, S., Matsuda, T., Kobayashi, S., Takahashi, T., and Kojima, H. (2006). In Vitro Screening of 200 Pesticides for Agonistic Activity via Mouse Peroxisome Proliferator-Activated Receptor (PPAR)alpha and PPARGgamma and Quantitative Analysis of In Vivo Induction Pathway. *Toxicol.Appl.Pharmacol.* 217: 235-244.

EcoReference No.: 89206

Chemical of Concern:

AND,HCCCH,Captan,CHD,CTN,DDT,DBN,DCF,DLD,ES,EN,Folpet,HPT,MXC,PCP,ACF,ACFM,DFPM,FZFB,OXF,ACP,ANL,CPY,CPYM,DZ,DDVP,DMT,DS,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,FNV,FYT,FVL,PMR,PYN,TFT,TLM,BDC,BMY,CBL,CBD,CBF,CP,MCB,MOM,MLT,OML,PHMD,PIM,TBC,THM,ACR,ASM,FTL,MLX,MTL,PZM,ANZ,ATZ,MBZ,PRO,PMT,SZ,BSF,DFZ,DU,LNR,PPN,AMZ,BPH,BTN,DZM,EXQ,FRM,ILL,IMC,IPD,MCPA,24DXY,PAQT,PDM,PCZ,SXD,TBAH,TPM,TDF,TFZ,TFN,TFR,TVMP,VCZ,FTL,FNZ; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: OK(ILL,PYN,DFPM),NO IN VITRO(ALL OTHER CHEMS).

Tan, Y. Y., Thumm, W., Jobelius-Korte, M., Attar, A., Freitag, D., and Kettrup, A. (1993). Fate of Two Phenylbenzoylurea Insecticides in an Algae Culture System (*Scenedesmus subspicatus*). *Chemosphere* 26: 955-962.

EcoReference No.: 7047

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

Tanner, D. K. and Moffett, M. F. (1995). Effects of Diflubenzuron on the Reproductive Success of the Bluegill Sunfish, *Lepomis macrochirus*. *Environ.Toxicol.Chem.* 14: 1345-1355.

EcoReference No.: 15059

Chemical of Concern: DFZ; Habitat: A; Effect Codes: GRO,POP,BEH; Rejection Code: NO ENDPOINT(DFZ).

Thavara, U., Tawatsin, A., Chansang, C., Asavadachanukorn, P., Zaim, M., and Mulla, M. S. (2007). Simulated Field Evaluation of the Efficacy of Two Formulations of Diflubenzuron, a Chitin Synthesis Inhibitor Against Larvae of *Aedes aegypti* (L.) (Diptera: Culicidae) in Water-Storage Containers. *Southeast Asian J.Trop.Med.Public Health* 38: 269-275.

EcoReference No.: 109867

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

Tietze, N. S., Olson, M. A., Hester, P. G., and Moore, J. J. (1993). Tolerance of Sewage Treatment Plant Microorganisms to Mosquitocides. *J.Am.Mosq.Control Assoc.* 9: 477-479.

EcoReference No.: 7646

Chemical of Concern: TMP,RSM,PMR,Naled,MLN,FNTH,DFZ,MTPN; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(RSM,MLN,Naled),NO ENDPOINT(TMP,MTPN),NO CONTROL(PMR),NO ENDPOINT,NO CONTROL(TMP,DFZ).

Touart, L. W. and Rao, K. R. (1987). Influence of Diflubenzuron on Survival, Molting, and Limb Regeneration in the Grass Shrimp, *Palaemonetes pugio*. In: W.B.Vernberg, A.Calabrese, F.P.Thurberg, and F.J.Vernberg

(Eds.), *Pollution of Estuarine Organisms*, Univ.of SC Press, Columbia, SC 333-349.

EcoReference No.: 4908

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,GRO; Rejection Code: NO CONTROL(DFZ).

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EcoReference No.: 110543

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

Van de Veire, M. (1990). Chemical Control of the Cecid, *Heteropeza pygmaea* in the Culture of the Oyster Mushroom *Pleurotus ostreatus*. *Med.Fac.Landbouww.Rijksuniv.Gent* 55: 681-683.

EcoReference No.: 99170

Chemical of Concern: BFT,CYR,DZ,ES,DFZ,TFT,BPZ; Habitat: T; Effect Codes: ACC,POP; Rejection Code: NO ENDPOINT(BFT,DZ,CYR,ES,DFZ).

Van der Leek, M. L., Donovan, G. A., Saltman, R. L., and Moja, R. J. (1991). Effect of an Insecticide Controlled-Release Bolus on a Milk Antibiotic Residue Test. *J.Dairy Sci.* 74: 433-435.

Chemical of Concern: DFZ; Habitat: T; Rejection Code: NO EFFECT(DFZ).

Van Laecke, K. and Degheele, D. (1991). Detoxification of Diflubenzuron and Teflubenzuron in the Larvae of the Beet Armyworm (*Spodoptera exigua*) (Lepidoptera: Noctuidae). *Pestic.Biochem.Physiol.* 40: 181-190.

EcoReference No.: 74893

Chemical of Concern: DFZ,PPB,HFR; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PPB,DFZ),OK(HFR),NO COC(PMR).

Van Steenwyk, R. A., Nomoto, R. M., and Coates, W. W. (1999). Codling Moth Control in Walnuts, 1998. *Arthropod Manag.Tests* 24 : 95-96.

EcoReference No.: 110769

Chemical of Concern: FYC,BFT,PSM,CPY,DFZ; Habitat: T; Effect Codes: POP; Rejection Code: OK(BFT),NO MIXTURE(CPY,PSM,FYC,DFZ).

Venkatesan, P. (2002). Responses of Water Bug *Diplonychus rusticus* (=Indicus) Venk. and Rao and Fish *Gambusia affinis* to Diflubenzuron, BHC and Deltamethrin in Mosquito Breeding Site. *J.Entomol.Res.* 26: 55-61.

EcoReference No.: 109991

Chemical of Concern: DM,DFZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: NO CONC(DM,DFZ).

Vogt, H. (1997). The Importance of Using Selective Insecticides Against Key Pests in Apple Orchards to Preserve the Parasitoid Fauna of Leafminers. *Entomol.Res.Organ.Agric.* 15: 241-248.

EcoReference No.: 111187

Chemical of Concern: FUZ,TDM,FYC,BMY,DFZ; Habitat: T; Effect Codes: GRO; Rejection Code: NO ENDPOINT(FUZ,TDM,FYC,BMY,DFZ).

Walker, A. L. and Wood, R. J. (1986). Laboratory Selected Resistance to Diflubenzuron in Larvae of *Aedes aegypti*. *Pestic.Sci.* 17: 495-502.

EcoReference No.: 12039

Chemical of Concern: DDT,DFZ,PMR; Habitat: A; Effect Codes: MOR; Rejection Code: NO ENDPOINT(PMR,DFZ).

Walker, J. T., Oetting, R. D., Johnston-Clark, M., and Melin, J. B. (1997). Evaluation of Newer Chemicals for Control of Foliar Nematode on Begonia. *J.Environ.Hortic.* 15: 16-18.

EcoReference No.: 79024

Chemical of Concern: IMC,FYC,DFZ,CYR,BFT,AZD,OML; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(IMC,FYC,DFZ,CYR,BFT,AZD),EFFICACY(OML).

Weis, J. S., Cohen, R., and Kwiatkowski, J. K. (1987). Effects of Diflubenzuron on Limb Regeneration and Molting in the Fiddler Crab, *Uca pugilator*. *Aquat.Toxicol.* 10: 279-290.

EcoReference No.: 15044

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

Weis, J. S. and Ma, A. (1987). Effects of the Pesticide Diflubenzuron on Larval Horseshoe Crabs, *Limulus polyphemus*. *Bull.Environ.Contam.Toxicol.* 39: 224-228.

EcoReference No.: 15093

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

Weis, J. S. and Perlmutter, J. (1987). Burrowing Behavior by the Fiddler Crab *Uca pugilator*: Inhibition by the Insecticide Diflubenzuron. *Mar.Ecol.Prog.Ser.* 38: 109-113.

EcoReference No.: 9099

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

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EcoReference No.: 110943

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

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EcoReference No.: 61091

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

Wilson, J. E. H. and Costlow, J. D. (1987). Acute Toxicity of Diflubenzuron (DFB) to Various Life Stages of the Grass Shrimp, *Palaemonetes pugio*. *Water Air Soil Pollut.* 33: 411-417.

EcoReference No.: 15260

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

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EcoReference No.: 11795

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

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Rutherford, A. B. (1993). Persistence of Diflubenzuron on Appalachian Forest Leaves After Aerial Application of Dimilin. *J.Agric.Food Chem.* 41: 2184-2190.

EcoReference No.: 110951

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

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EcoReference No.: 82468

Chemical of Concern: MFZ,DFZ,TUZ,HFZ; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

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EcoReference No.: 19552

Chemical of Concern: DFZ; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO CONTROL(DFZ).

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EcoReference No.: 2910

Chemical of Concern: MTPN,TMP,PPX,MXC,DFZ; Habitat: A; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(MTPN),OK(MXC),NO ENDPOINT(TMP,PPX,DFZ).

Yasuno, M. and Satake, K. (1990). Effects of Diflubenzuron and Methoprene on the Emergence of Insects and Their Density in an Outdoor Experimental Stream. *Chemosphere* 21: 1321-1335.

EcoReference No.: 12521

Chemical of Concern: DFZ,MTPN; Habitat: A; Effect Codes: GRO,POP; Rejection Code: LITE EVAL CODED(MTPN),NO ENDPOINT(DFZ).

Zaki, F. N. and Gesraha, M. A. (1987). Evaluation of Zertel and Diflubenzuron on Biological Aspects of the Egg Parasitoid, *Trichogramma evanescens* Westw. and the Aphid Lion *Chrysoperla carnea* Steph. *J.Appl.Entomol.* 104: 63-69.

EcoReference No.: 110359

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

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EcoReference No.: 110516

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