

Appendix C. OXYDEMETON-METHYL (ODM) Papers that Were Accepted for ECOTOX and Included in the Risk Assessment

Acceptable for ECOTOX and OPP

1. Hill, E. F., Heath, R. G., Spann, J. W., and Williams, J. D. (1975). Lethal Dietary Toxicities of Environmental Pollutants to Birds. *U.S.Fish and Wildlife Service, Special Scientific Report-Wildlife* 191: 1-61.

EcoReference No.: 35243

Chemical of Concern:

24DXY,ABT,ADC,AMTL,AND,ATZ,Captan,CBF,CBL,Cd,Cr,DDT,DLT,DMT,DS,DU,DZ,ES,ETN,FNT,HCCH,Hg,HPT,MCPB,MLN,MP,MRX,MTAS,MXC,Naled,Pb,PCB,PCL,PCP,PQT,PRN,PRT,PYN,RSM,RTN,SZ,TFM,THM,TVP,TXP,Zn,ZnP,As,AZ,OXD; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(OXD,MTAS,CBL,DZ,ATZ,CBF,ADC,MOM,DMT,SZ,ZnP,RTN,RSM,MCPB,PCP,PRT),OK(ALL CHEMS)/NO RESIDUE(PCB).

2. Kumari, J., Krishnamurthy, N. B., and Vasudev, V. (1995). Mutagenicity Studies with Metasystox-R in Mice. *Cell Chromosome Res.* 18: 79-85.

EcoReference No.: 88896

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

3. Lenselink, D. R., Midtling, J. E., and Kolesari, G. L. (1993). Teratogenesis Associated with Oxydemeton-Methyl in the Stage 12 Chick Embryo. *Teratology* 48: 207-211.

EcoReference No.: 88893

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

4. Mayer, F. L. Jr. and Ellersieck, M. R. (1986). Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC* 505 p. (USGS Data File).

EcoReference No.: 6797

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATM,ATN,ATZ,AZ,BS,CaPS,Captan,CBF,CBL,CMPH,CQT C,CPY,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,IGS,LNR,MBZ,MCPB,MDT,MLN,MLT,MOM,MP,MTL,NaN3,Naled,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; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(CBL,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),OK(ALL CHEMS).

5. Moses, G., Ramamurthy, K., Christopher, M. J., and Rao, K. J. (1985). Toxicity Evaluation of Heptachlor and Metasystox on Freshwater Edible Fish, *Tilapia mossambica*. *Geobios (Jodhpur)* 12: 104-107.

EcoReference No.: 12184

Chemical of Concern: OXD; Habitat: A; Rejection Code: LITE EVAL CODED(OXD).

6. Panda, B. B. (1983). Effect of the Insecticides Oxydemeton Methyl and Thiodemeton on the Mitotic and Meiotic Chromosomes of Barley. *Environ.Exp.Bot.* 23: 293-296.

EcoReference No.: 89003

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

7. Pandita, T. K. (1986). Mutagenic Studies on the Insecticide Metasystox-R with Allium cepa. *Cytologia* 51: 387-392.

EcoReference No.: 89002

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

8. Sanders, H. O. (1969). Toxicity of Pesticides to the Crustacean Gammarus lacustris. *Tech.Pap.No.25, U.S.D.I., Bur.Sports Fish.Wildl., Fish Wildl.Serv., Washington, D.C.* 18 p. (Author Communication Used)(Used with Reference 732) (Publ in Part As 6797).

EcoReference No.: 885

Chemical of Concern:

SZ,EDT,24DXY,AZ,CBL,CMPH,CPY,DBN,DMB,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PAQT ,PRT,TFN,RTN,NaN3,ATN,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,AZ,DZ,MLT,SZ,DMT,RTN,NaN3,DMB,PRT,ATN),OK(ALL CHEMS).

9. Sanders, H. O. (1972). Toxicity of Some Insecticides to Four Species of Malacostracan Crustaceans. *Tech.Pap.No.66, Bur.Sports Fish.Wildl., Fish Wildl.Serv., U.S.D.I., Washington, D.C.* 19 p. (Publ in Part As 6797).

EcoReference No.: 887

Chemical of Concern: AZ,MLN,CBL,CMPH,CPY,DS,HCCH,MLN,Naled,PRT,PSM,ATN,DZ,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(OXD,CBL,DZ,PRT,ATN,MLN),OK(ALL CHEMS).

10. Sanders, H. O. and Cope, O. B. (1968). The Relative Toxicities of Several Pesticides to Naiads of Three Species of Stoneflies. *Limnol.Oceanogr.* 13: 112-117 (Author Communication Used) (Publ in Part As 6797).

EcoReference No.: 889

Chemical of Concern:

24DXY,AZ,CBL,CPY,DBN,DMT,DS,DU,DZ,HCCH,MLN,MLT,Naled,PYN,TFN,RTN,As,NaN3,ATN,OXD; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(CBL,DZ,MLT,DMT,RTN,NaN3,ATN),OK(ALL CHEMS).

11. Tayyaba, K., Hasan, M., Islam, F., and Khan, N. H. (1981). Organophosphate Pesticide Metasystox-Induced Regional Alterations in Brain Nucleic Acid Metabolism. *Indian J.Exp.Biol.* 19: 688-690.

EcoReference No.: 89144

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

12. Tucker, R. K. and Haegele, M. A. (1971). Comparative Acute Oral Toxicity of Pesticides to Six Species of Birds. *Toxicol.Appl.Pharmacol.* 20: 57-65.