Appendix LEcological Effects Data

Aquatic Animals

Coho salmon (Oncorhynchus kisutch), Static, LC50, / Diuron, 95% ai	96 hr LC50 < 2.4 ppm ai (slope = N.R.)	40098001, 1986 /Supplemental
Cutthroat trout (Oncorhynchus clarki), Static, LC50, / Diuron, 95% ai	96 hr LC50 1.4 ppm ai (slope = N.R.)	40094602, 1980 /Core
Cutthroat trout (Oncorhynchus clarki), Static, LC50, / Diuron, 95% ai	96 hr LC50 0.71 ppm ai (slope = N.R.)	40098001, 1986 /Supplemental
Fathead minnow (Pimephales promelas), Static, LC50, / Diuron, 98.6% ai	96 hr LC50 14.2 ppm ai (slope = N.R.)	00141636, 1975 /Supplemental
Fathead minnow (Pimephales promelas), Static, LOEC, / Diuron, 98.6% ai	60day LOEC 61.8 ppb ai (slope = N.R.)	00141636, 1975 /Core

Lake trout (Salvelinus namaycush), Static, LC50, / Diuron, 95% ai	96 hr LC50 2.7 ppm ai (slope = N.R.)	40094602, 1980 /Core
Lake trout (Salvelinus namaycush), Static, LC50, / Diuron, 95% ai	96 hr LC50 1.2 ppm ai (slope = N.R.)	40098001, 1986 /Supplemental
Rainbow trout (Oncorhynchus mykiss), Static, LC50, / Diuron, 80% ai	96 hr LC50 19.6 ppm ai (slope = N.R.)	42046002, 1991 /Core
Rainbow trout (Oncorhynchus mykiss), Static, LC50, / Diuron, 28% ai	96 hr LC50 23.8 ppm ai (slope = N.R.)	TN 0897, 1975 /Core
Rainbow trout (Oncorhynchus mykiss), Static, LC50, / Diuron, 80WP% ai	96 hr LC50 16 ppm ai (slope = N.R.)	40094602, 1980 /Supplemental

Rainbow trout (Oncorhynchus mykiss), Static, LC50, / Diuron, 95% ai	96 hr LC50 1.95 ppm ai (slope = N.R.)	TN 1020, 1976 /Core
Sheepshead minnow (Cyprinodon variegatus), Static, LC50, / Diuron, 99% ai	96 hr LC50 6.7 ppm ai (slope = N.R.)	41418803, 1986 /Core
Sheepshead minnow (Cyprinodon variegatus), Flow-through, LOEC, / Diuron, 96.8% ai	38 D LOEC < 0.44 ppm ai (slope = N.A.)	42312901, 1992 /Supplemental
Striped mullet (Mugil cephalus), Static, LC50, / Diuron, 95% ai	48 hr LC50 6.3 ppm ai (slope = N.R.)	40228401, 1986 /Supplemental
Brown shrimp (Penaeus aztecus), Flow-through, LC50, / Diuron, 95% ai	48 hr LC50 > 1.0 ppm ai (slope = N.A.)	40228401, 1986 /Supplemental

Mysid (Americamysis bahia), Static, LC50, / Diuron, 99% ai	96 hr LC50 1.1 ppm ai (slope = 12.35)	41418801, 1987 /Supplemental
Mysid (Americamysis bahia), Static, LOEC, / Diuron, 96.8% ai	28 D LOEC 0.56 ppm ai (slope = N.R.)	42500601, 1992 /Core
Scud (Gammarus fasciatus), Static, LC50, / Diuron, 95% ai	96 hr LC50 0.16 ppm ai (slope = N.R.)	40094602, 1980 /Core
Water flea (Simocephalus sp.), Static, EC50, / Diuron, 95% ai	48 hr EC50 2.0 ppm ai (slope = N.R.)	40094602, 1980 /Core
Water flea (Daphnia magna), Static, EC50, / Diuron, 80% ai	48 hr EC50 8.4 ppm ai (slope = 9.10)	42046003, 1991 /Core
Water flea (Daphnia pulex), Static, EC50, / Diuron, 95% ai	48 hr EC50 1.4 ppm ai (slope = N.R.)	40094602, 1980 /Core

Water flea (Daphnia magna), Static, LOEC, / Diuron, 98.2% ai	28 D LOEC 0.2 ppm ai (slope = N.R.)	TN 2418, 1979 /Supplemental
Stonefly (Pteronarcys sp.), Static, LC50, / Diuron, 95% ai	96 hr LC50 1.2 ppm ai (slope = N.R.)	40094602, 1980 /Core
Eastern oyster (Crassostrea virginica), Flow-through, EC50, / Diuron, 96.8% ai	96 hr EC50 4.8 ppm ai (slope = 4.49)	42217201, 1991 /Core
Eastern oyster (Crassostrea virginica), Flow-through, EC50, / Diuron, 95% ai	96 hr EC50 1.8 ppm ai (slope = N.R.)	40228401, 1986 /Core

Terrestrial Animals

Bobwhite quail (Colinus virginianus), O, LD50, / Diuron, 92.8% ai	21 D LD50 940 mg/kg ai (slope = 4.01)	50150170, 1985 /Core

Bobwhite quail (Colinus virginianus), Dietary, LC50, / Diuron, >95% ai	8 D LC50 1730 ppm ai (slope = 7.22)	00022923, 1975 /Core
Japanese quail (Coturnix japonica), Dietary, LC50, / Diuron, >95% ai	8 D LC50 > 5000 ppm ai (slope = N.R.)	00022923, 1975 /Supplemental
Mallard duck (Anas platyrhynchos), Oral, LD50, / Diuron, 95% ai	14 D LD50 > 2000 mg/kg ai (slope = N.R.)	00160000, 1970 /Core
Mallard duck (Anas platyrhynchos), Dietary, LC50, / Diuron, >95% ai	8 D LC50 > 5000 ppm ai (slope = N.R.)	00022923, 1975 /Core
Ring-necked pheasant (Phasianus colchicus), Dietary, LC50, / Diuron, >95% ai	8 D LC50 > 5000 ppm ai (slope = N.R.)	00022923, 1975 /Core

Honey bee (Apis mellifera), Contact, LD50, / Diuron, Tech% ai	48 hr LD50 > 145.03 ug/Bee ai (slope = N.R.)	36935, 1975 /Core

Plants

Algae (Nitzschia closterium), Static, EC50, / Diuron, 95% ai	72 hr EC50 50 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Amphora exigua), Static, EC50, / Diuron, 95% ai	72 hr EC50 31 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Stauroneis amphoroides), Static, EC50, / Diuron, 95% ai	72 hr EC50 31 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Achnanthes brevipes), Static, EC50, / Diuron, 95% ai	72 hr EC50 24 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Cyclotella nana), Static, EC50, / Diuron, 95% ai	72 hr EC50 39 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Isochrysis galbana), Static, EC50, / Diuron, 95% ai	240hr EC50 10 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Monochrysis lutheri), Static, EC50, / Diuron, 95% ai	72 hr EC50 18 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Algae (Porphyridium cruentum), Static, EC50, / Diuron, 95% ai	72 hr EC50 24 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Diatom (Thalassiosira fluviatilus), Static, EC50, / Diuron, 95% ai	72 hr EC50 95 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental

Green algae (Selenastrum capricornutum), Static, EC50, / Diuron, 96.8% ai	96 hr EC50 2.4 ppb ai (slope = 2.96)	42218401, 1991 /Core
Green algae (Chlorella sp.), Static, EC50, / Diuron, 95% ai	72 hr EC50 19 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Green algae (Chlorococcum sp.), Static, EC50, / Diuron, 95% ai	72 hr EC50 10 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Green algae (Chlamydomonas sp.), Static, EC50, / Diuron, 95% ai	72 hr EC50 37 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Green algae (Dunaliella tertiolecta), Static, EC50, / Diuron, 95% ai	240hr EC50 20 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Green algae (Platymonas sp.), Static, EC50, / Diuron, 95% ai	72 hr EC50 17 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Green algae (Neochloris sp.), Static, EC50, / Diuron, 95% ai	72 hr EC50 28 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Marine diatom (Phaeodactylum tricornutum), Static, EC50, / Diuron, 95% ai	240hr EC50 10 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Marine diatom (Navicula incerta), Static, EC50, / Diuron, 95% ai	72 hr EC50 93 ppb ai (slope = N.R.)	40228401, 1986 /Supplemental
Rape (Brassica sp.), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.0331 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Sorghum (Sorghum halepense), Seed Emerg. sh, EC25, / Diuron, 96.8% ai	14 D EC25 < 12 lb/A ai (slope = NA)	42398501, 1992 /Core
Sorghum (Sorghum bicolor), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.0753 lb/A ai (slope = N.R.)	44113401, 1996 /Core

Sorghum (Sorghum bicolor), Seed Emerg. sh, EC25, / Diuron, 97.3% ai	14 D EC25 0.81 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Soybean (Glycine max), Seed Emerg. , EC25, / Diuron, 96.8% ai	14 D EC25 > 12 lb/A ai (slope = NA)	42398501, 1992 /Core
Soybean (Glycine max), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.012 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Soybean (Glycine max), Seed Emerg. sh, EC25, / Diuron, 97.3% ai	14 D EC25 > 12 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Sugarbeet (Beta vulgaris), Seed Emerg. sh, EC25, / Diuron, 96.8% ai	14 D EC25 < 12 lb/A ai (slope = NA)	42398501, 1992 /Core
Sugarbeet (Beta vulgaris), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.0087 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Sugarbeet (Beta vulgaris), Seed Emerg. sw, EC25, / Diuron, 97.3% ai	14 D EC25 0.092 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Tomato (Lycopersicon esculentum), Seed Emerg. , EC25, / Diuron, 96.8% ai	14 D EC25 > 0.038 lb/A ai (slope = NA)	42398501, 1992 /Core
Tomato (Lycopersicon esculentum), Seed Emerg. sw, EC25, / Diuron, 97.3% ai	14 D EC25 0.075 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Tomato (Lycopersicon esculentum), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.0017 lb/A ai (slope = N.R.)	44113401, 1996 /Core
Wheat (Triticum aestivum), Seed Emerg. sh, EC25, / Diuron, 96.8% ai	14 D EC25 < 12 lb/A ai (slope = NA)	42398501, 1992 /Supplemental
Wheat (Triticum aestivum), Veg. Vigor sw, EC25, / Diuron, 97.3% ai	21 D EC25 0.0208 lb/A ai (slope = 0.90)	44113401, 1996 /Core

Wheat (Triticum aestivum), Seed Emerg. sw, EC25, / Diuron, 97.3% ai	14 D EC25 1.05 lb/A ai (slope = N.R.)	44113401, 1996 /Core