

Appendix K: Accepted ECOTOX Data Table for Oryzalin

The code list for ECOTOX can be found at <http://cfpub.epa.gov/ecotox/blackbox/help/codelist.pdf>

Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref.	Dur Unit Pref.	Conc Value1 Pref.	Conc Value2 Pref.	Conc Units Pref.	% Purity	Ref #
Oryzias	latipes	Medaka, high-eyes	GRO	DVP	STGE	NOAEL		21 d		1		mg/L	100	94265
Chlamydomonas	reinhardtii	Green Algae	CEL	GEN	MITA	LOAEL		1 d		2.5		uM	100	119518
Melampsora	lini	Flax Rust Fungus	GRO	GRO	LGTH	NOAEL	LOAEL	1 d		50	100	uM	100	94585
Phytophthora	cambivora	Fungi	GRO	GRO	RADI	ED50		7 d		0.9		ppm	100	94266
Phytophthora	megasperma	Fungi	GRO	GRO	RADI	ED50		7 d		0.98		ppm	100	94266
Phytophthora	cryptogea	Fungi	GRO	GRO	RADI	ED50		7 d		3.13		ppm	100	94266
Phytophthora	cactorum	Fungi	GRO	GRO	RADI	ED50		7 d		3.9		ppm	100	94266
Oryzias	latipes	Medaka, high-eyes	CEL	HIS	LESI	LOAEL		21 d		1		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	CEL	HIS	LESI	NOAEL		21 d		1		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	CEL	HIS	NCRO	NOAEL		21 d		1		mg/L	100	94265
Dunaliella	bioculata	Green algae	MOR	MOR	MORT	NR-LETH		2 d		100		uM	100	13100
Dunaliella	bioculata	Green algae	MOR	MOR	MORT	NR-LETH		2 d		100		uM	100	13100
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	HTCH	LOAEL		21 d		1		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	HTCH	LOAEL		21 d		1		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	HTCH	LOAEL		21 d		0.25		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	HTCH	LOAEL		21 d		0.25		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	MATC		21 d		3.8		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	MATC		21 d		3.8		mg/L	100	94265

Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref.	Dur Unit Pref.	Conc Value1 Pref.	Conc Value2 Pref.	Conc Units Pref.	% Purity	Ref #
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	LOEL		2 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		1 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		2 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		1 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NR-ZERO		1 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		1 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		2 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		1 d		2.24		Al kg/ha	100	95857
Tiphia	vernalis	Spring Tiphia	MOR	MOR	MORT	NOEL		2 d		2.24		Al kg/ha	100	95857
Picea	abies	Norway Spruce	GRO	MPH	LGTH	NOEL	LOEL	1 d		2	10	uM	100	109533
Picea	abies	Norway Spruce	GRO	MPH	LGTH	NOEL	LOEL	1 d		1	10	uM	100	109533
Picea	abies	Norway Spruce	PHY	PHY	SWEL	LOEL		1 d		2		uM	100	109533
Leishmania	infantum	Protist	PHY	PHY	H3UP	IC50		2 d		11.1		uM	100	104651
Leishmania	infantum	Protist	PHY	PHY	H3UP	IC50		2 d		11.8		uM	100	104651
Uromyces	vignae	Cowpea Rust	POP	POP	ABND	NOAEL		1.08333 d		30		ppm	100	94649
Uromyces	vignae	Cowpea Rust	POP	POP	ABND	NOAEL		1.08333 d		30		ppm	100	94649
Phytophthora	cryptogea	Fungi	POP	POP	ABND	LOAEL		90 d		0.999		lb/acre	100	94266
Phytophthora	cryptogea	Fungi	POP	POP	ABND	LOAEL		90 d		0.999		lb/acre	100	94266
Phytophthora	cryptogea	Fungi	POP	POP	ABND	LOAEL		90 d		0.999		lb/acre	100	94266
Phytophthora	cambivora	Fungi	POP	POP	ABND	LOAEL		90 d		2.9971		lb/acre	100	94266

Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref.	Dur Unit Pref.	Conc Value1 Pref.	Conc Value2 Pref.	Conc Units Pref.	% Purity	Ref #
Phytophthora	cambivora	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	cambivora	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	cambivora	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	cambivora	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	megasperma	Fungi	POP	POP	ABND	LOAEL		90	d	2.9971		lb/acre	100	94266
Phytophthora	megasperma	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	megasperma	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	megasperma	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Phytophthora	megasperma	Fungi	POP	POP	ABND	LOAEL		90	d	0.999		lb/acre	100	94266
Fusarium	sp.	Fungi	POP	POP	ABND	LOAEL		~42	d	0.7136		lb/acre	100	77521
Achlya	flagellata	Fungi	POP	POP	CNTL	LOAEL		1.04E-02	d	200		mg/L	100	895
Saprolegnia	hypogyna	Fungi	POP	POP	CNTL	LOAEL		1.04E-02	d	200		mg/L	100	895
Beauveria	bassiana	Fungus	POP	POP	ABND	NOEL		1.04E-02	d	24000		ppm	100	70790
Leishmania	mexicana	Leishmani asis Protist	POP	POP	PGRT	ED50			d	17.3		uM	100	119529
Melampsora	lini	Flax Rust Fungus	REP	REP	GERM	NOAEL		1	d	100		uM	100	94585
Oryzias	latipes	Medaka, high-eyes	REP	REP	EGPN	NOAEL	LOAEL	21	d	1	2	mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	REP	REP	EGPN	NOAEL	LOAEL	21	d	1.3	2.5	mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	REP	REP	EGPN	NOAEL		21	d	2.5		mg/L	100	94265
Oryzias	latipes	Medaka, high-eyes	REP	REP	EGPN	NOAEL		21	d	1		mg/L	100	94265
Picea	abies	Norway Spruce	REP	REP	GERM	NOEL	LOEL	1	d	50	100	uM	100	109533
Beauveria	bassiana	Fungus	REP	REP	GERM	NOEL		1	d	30000		ppm	100	70790
Chara	contraria	Stonewort	REP	REP	MOTL	NOAEL		2.08E-02	d	50		uM	100	119332