

Appendix F-1. Accepted ECOTOX Data Table (Sorted by Effect)

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

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Prometryn	Thanatephorus	cucumeris	Fungi	BCM	BCM	GLUC	NOAEL	LOAEL	3 d		F	10	40	ppm	100	104667
Prometryn	Fusarium	oxysporum	Fungi	BCM	BCM	SUCR	LOAEL		9 d		F	8		ppm	50	104611
Prometryn	Fusarium	oxysporum	Fungus	BCM	BCM	PLSC	LOAEL		9 d		F	8		ppm	50	104611
Prometryn	Plankton	Plankton	NR	BCM	BCM	GBCM	EC50		0.125 d		A	33		mg/L	100	13724
Prometryn	Plankton	Plankton	NR	BCM	BCM	GBCM	EC50		0.125 d		A	33		mg/L	100	13724
Prometryn	Plankton	Plankton	NR	BCM	BCM	GBCM	EC50		0.125 d		A	0.022		mg/L	100	13724
Prometryn	Thanatephorus	cucumeris	Fungi	BCM	ENZ	BGAL	NOAEL		<=6 d		F	40		ppm	100	104667
Prometryn	Thanatephorus	cucumeris	Fungi	BCM	ENZ	GENZ	LOAEL		2 d		F	1		ppm	100	104667
Prometryn	Hordeum	vulgare	Barley	CEL	GEN	GTPF	NOAEL	LOAEL	NR	fi	A	100	500	ppm	100	41005
Prometryn	Pinus	resinosa	norway pine	GRO	GRO	WGHT	LOAEL		110 d		F	2		lb/acre	100	41006
Prometryn	Fusarium	oxysporum	Fungi	GRO	GRO	BMAS	NOAEL	LOAEL	3 d		F	8		ppm	50	104611
Prometryn	Fusarium	oxysporum	Fungus	GRO	GRO	BMAS	LOAEL		3 d		F	8		ppm	50	104611
Prometryn	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL		>=720 d		F	1471.5		ppm	98.1	69611
Prometryn	Artemia	salina	Brine shrimp	PHY	ITX	IMBL	EC50		1 d		F	0.021		mg/L	100	15077
Prometryn	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL		>=720 d		F	1471.5		ppm	98.1	69611
Prometryn	Proisotoma	minuta	Collembolan	MOR	MOR	MORT	LD50		7 d		F	13(10.61 TO 15.97)		mg/L	100	81754
Prometryn	Rana	piapiens	Leopard frog	MOR	MOR	MORT	NR-LETH		5 d		F	0.01		%	100	5392
Prometryn	Paramecium	aurelia	Ciliate	MOR	MOR	MORT	NR-LETH		0.025 d		F	1000		mg/L	100	7969
Prometryn	Paramecium	aurelia	Ciliate	MOR	MOR	MORT	NR-LETH		1.46E-02 d		F	10		mg/L	100	7969
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.75 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.75 d		F	1		2 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	1		2 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	1		2 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	GRO	MPH	LGTH	NOAEL	LOAEL	0.25 d		F	1		2 ppm	100	106174
Prometryn	Thanatephorus	cucumeris	Fungi	PHY	PHY	RESP	NOAEL	LOAEL	5 d		F	5		10 ppm	100	104667
Prometryn	Fusarium	oxysporum	Fungi	PHY	PHY	RESP	NOAEL	LOAEL	3 d		F	8		64 ppm	50	104611
Prometryn	Fusarium	oxysporum	Fungus	PHY	PHY	RESP	LOAEL		3 d		F	8		ppm	50	104611
Prometryn	Rattus	norvegicus	Norway rat	PHY	PHY	CEBS	LOAEL		7 d		A	120		mg/kg bdwt	100	105506
Prometryn	Chlorella	fusca	Green algae	POP	POP	PGRT	EC50		1 d		F	0.012375		mg/L	99	62304
Prometryn	Chlorella	fusca	Green algae	POP	POP	PGRT	EC01		1 d		F	0.0004059		mg/L	99	62304
Prometryn	Chlorella	fusca	Green algae	POP	POP	PGRT	NOEC		1 d		F	0.0008118		mg/L	99	62304
Prometryn	Fusarium	sp.	Fungi	POP	POP	ABND	NOAEL		-42 d		F	1.9624		lb/acre	100	77521
Prometryn	Scenedesmus	acutus	Green algae	POP	POP	ABND	IC50		1 d		F	0.00000019		M	100	78497
Prometryn	Lemna	aequinoctiales	Duckweed	POP	POP	ABND	IC50		8 d		F	0.00000017		M	100	78497
Prometryn	Lemna	minor	Duckweed	POP	POP	PGRT	EC20		6 d		F	0.118		umol/L	100	81431
Prometryn	Lemna	minor	Duckweed	POP	POP	PGRT	EC50		6 d		F	0.223		umol/L	100	81431
Prometryn	Lemna	minor	Duckweed	POP	POP	PGRT	EC80		3 d		F	0.41		umol/L	100	81431
Prometryn	Algae	Algae	Algae	POP	POP	PSYN	EC50		4 d		F	0.31744		mg/L	99.2	80430
Prometryn	Algae	Algae	Algae	POP	POP	PSYN	EC50		4 d		F	0.07936		mg/L	99.2	80430
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	ABND	EC50		7 d		A	0.0315(0.0295 TO 0.0341)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	ABND	EC10		7 d		A	0.0182(0.0149 TO 0.02054)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	NCHG	EC10		7 d		A	0.0079(0.0028 TO 0.0114)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	NCHG	EC50		7 d		A	0.0229(0.018 TO 0.0321)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	PGRT	EC50		7 d		A	0.0393(0.0371 TO 0.0424)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	PGRT	EC10		7 d		A	0.0216(0.0193 TO 0.0233)		mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	ABND	EC50		1 d		A	4.3(3.5 TO 5.1)		mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	ABND	EC10		1 d		A	2.4(1.6 TO 3)		mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	ABND	NOEC	LOEC	1 d		A	2.2	4.5	mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	ABND	EC50		6 d		A	0.0284		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	PGRT	EC50		6 d		A	0.0177		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	PGRT	NOEC	LOEC	6 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	NCHG	NOEC	LOEC	6 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	ABND	NOEC	LOEC	6 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	ABND	NOEC	LOEC	8 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	NCHG	NOEC	LOEC	8 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	PGRT	NOEC	LOEC	8 d		A	0.0152	0.0303	mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	PGRT	EC50		8 d		A	0.0383(0.0364 TO 0.042)		mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	NCHG	EC50		8 d		A	0.0261(0.0244 TO 0.0279)		mg/L	99.2	105114
Prometryn	Urotricha	sp.	Protozoan	POP	POP	ABND	EC50		8 d		A	0.0269(0.0257 TO 0.0276)		mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	ABND	NOEC	LOEC	7 d		A	0.0232	0.0348	mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	NCHG	NOEC	LOEC	7 d		A	0.0069	0.0103	mg/L	99.2	105114
Prometryn	Cryptomonas	sp.	Cryptomonad	POP	POP	PGRT	NOEC	LOEC	7 d		A	0.0232	0.0348	mg/L	99.2	105114
Prometryn	Chlorococcum	sp.	Green algae	POP	POP	DBLT	EC50		1 d		A			uM	100	7485
Prometryn	Chlorella	pyrenoidosa	Green algae	POP	POP	DBLT	EC50		1 d		A			uM	100	7485

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Prometryn	Lynbya	sp.	Blue-green algae	POP	POP	DBLT	EC50		1 d		A	1.3		uM	100	7485
Prometryn	Anabaena	variabilis	Blue-green algae	POP	POP	CHLA	EC50		2 d		A	3		uM	100	7485
Prometryn	Spirodela	polyrhiza	Large duckweed	POP	POP	GPOP	EC50		7 d		F	0.085		mg/L	100	8628
Prometryn	Lemna	perpusilla	Duckweed	POP	POP	GPOP	EC50		7 d		F	0.013		mg/L	100	8628
Prometryn	Dunaliella	tertiolecta	Green algae	POP	POP	GPOP	EC50		4 d		F	0.053		mg/L	100	15077
Prometryn	Pseudokirchneriella	subcapitata	Green algae	POP	POP	GPOP	EC50		4 d		F	0.021		mg/L	100	15077
Prometryn	Chlorella	pyrenoidosa	Green algae	POP	POP	PGRT	EC50		4 d		F	0.00924		mg/L	77	61983
Prometryn	Chlorella	vulgaris	Green algae	POP	POP	PGRT	EC50		4 d		F	0.04134168		mg/L	77.13	65938
Prometryn	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC50		4 d		F	0.0012705		mg/L	77	65945
Prometryn	Scenedesmus	quadricauda	Green algae	POP	POP	PGRT	EC50		4 d		A	0.0097		mg/L	77.13	71458
Prometryn	Cochliobolus	sativus	Fungi	REP	REP	VIAB	LOAEL		56 d		A	25		ppm	100	70027
Prometryn	Lepidium	sativum	Garden cress	REP	REP	GERM	IC50		-7 d		F	0.0001		M	100	78497
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL	LOAEL	0.75 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL	LOAEL	0.75 d		F	1		2 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL		0.25 d		F	2		ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL		0.25 d		F	2		ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL	LOAEL	0.25 d		F	0.5		1 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL	LOAEL	0.25 d		F	1		2 ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	LOAEL		0.25 d		F	0.5		ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL		0.25 d		F	2		ppm	100	106174
Prometryn	Fusarium	oxysporum	Fungi	REP	REP	GERM	NOAEL	LOAEL	14 d		F	0.5		1 ppm	100	106174