

APPENDIX I. Accepted ECOTOX Data Table

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 Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Myclobutanil	Cucumis	sativus	Cucumber	BCM	BCM	CHLO	NOAEL		7	d	1000		ppm	100	104728
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	BCM	GMIN	LOAEL		14	d	10		mg/kg bdwt	>95	104396
Myclobutanil	Mus	musculus	House mouse	BCM	BCM	CHOL	LOAEL		4	d	269.9		ppm	95.8	104394
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	DVP	TERA	NOAEL	LOAEL	15	d	93.77	312.58	mg/kg bdwt	84.5	104755
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		21	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		14	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	DVP	EMRG	NOAEL		14	d	0.12		ai g/kg sd	100	104715
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	ENZ	PROD	NOAEL	LOAEL	14	d	9.9	74.25	mg/kg bdwt	>99	104400
Myclobutanil	Mus	musculus	House mouse	BCM	ENZ	ECOD	NOAEL	LOAEL	4	d	13.8	71.7	ppm	95.8	104394
Myclobutanil	Mus	musculus	House mouse	BCM	ENZ	BROD	NOAEL	LOAEL	15	d	10	75	mg/kg bdwt	>95	105105
Myclobutanil	Galendromus	occidentalis	Western Predatory Mite	BEH	FDB	FCNS	NOAEL		3	d	78.86		ppm	40	96453
Myclobutanil	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		~105	d	2000		ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		14	d	148.5		mg/kg bdwt	>99	104400
Myclobutanil	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		4	d	100		kg/ha	100	104398
Myclobutanil	Mus	musculus	House mouse	CEL	GEN	GEXP	LOAEL		15	d	150		mg/kg bdwt	>95	105105
Myclobutanil	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		14	d	149.85		mg/kg bdwt	>99.9	105001

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Myclobutanil	Mus	musculus	House mouse	CEL	GEN	GEXP	LOAEL		4 d		2000		ppm	100	104401
Myclobutanil	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		1 d		287.4		mg/kg bdwt	95.8	104399
Myclobutanil	Cucumis	sativus	Cucumber	GRO	GRO	LGTH	LOAEL		7 d		250		ppm	100	104728
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		14 d		150		mg/kg bdwt	>95	104396
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		14 d		148.5		mg/kg bdwt	>99	104400
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	~35 d		500	2000	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		5 d		287.4		mg/kg bdwt	95.8	104399
Myclobutanil	Photinia	x fraseri	Fraser's photinia	GRO	GRO	SIZE	NOAEL		67 d		150		ppm	40	92029
Myclobutanil	Photinia	x fraseri	Fraser's photinia	GRO	GRO	SIZE	NOAEL		132 d		150		ppm	40	92029
Myclobutanil	Photinia	x fraseri	Fraser's photinia	GRO	GRO	SIZE	NOAEL		165 d		150		ppm	40	92029
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		15 d		468.87		mg/kg bdwt	84.5	104755
Myclobutanil	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		91 d		269.9		ppm	95.8	104394
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	~35 d		500	2000	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	21 d		39.4	155	ppm	100	105104
Myclobutanil	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		15 d		150		mg/kg bdwt	>95	105105
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		14 d		149.85		mg/kg bdwt	>99.9	105001
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	4 d		464.4	700	mg/kg bdwt	81.1	104753
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	15 d		215	464.4	mg/kg bdwt	81.1	104753
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	GRO	WGHT	NOAEL		35 d		0.12		ai g/kg sd	100	104715
Myclobutanil	Triticum	aestivum	Bread wheat	GRO	GRO	WGHT	NOAEL		35 d		0.12		ai g/kg sd	100	104715
Myclobutanil	Mus	musculus	House mouse	CEL	HIS	LESI	NOAEL	LOAEL	90 d		13.8	71.7	ppm	95.8	104394
Myclobutanil	Rattus	norvegicus	Norway rat	CEL	HIS	GHis	NOAEL	LOAEL	~105 d		500	2000	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	HRM	TSTR	NOAEL	LOAEL	~105 d		500	2000	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	HRM	TSTR	NOAEL	LOAEL	14 d		74.925	149.85	mg/kg bdwt	>99.9	105001
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	HRM	TSTR	NOEL	LOEL	~98 d		32.9	133.9	ppm	100	104397

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Myclobutanil	Rattus	norvegicus	Norway rat	BCM	HRM	THYR	LOAEL		3 d		287.4		mg/kg bdwt	95.8	104399
Myclobutanil	Galendromus	occidentalis	Western Predatory Mite	MOR	MOR	SURV	LOAEL		3 d		78.86		ppm	40	96453
Myclobutanil	Tetranychus	urticae	Two-spotted spider mite	MOR	MOR	SURV	NOAEL		3 d		78.86		ppm	40	96453
Myclobutanil	Agistemus	sp.	Mite	MOR	MOR	MORT	NOAEL		1 d		0.24		ai g/L	40	64063
Myclobutanil	Agistemus	sp.	Mite	MOR	MOR	HTCH	NOAEL		10 d		0.24		ai g/L	40	64063
Myclobutanil	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		16 d		1300		mg/kg bdwt	92	104752
Myclobutanil	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		14 d		1600		mg/kg bdwt	91.9	104754
Myclobutanil	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		14 d		750		mg/kg bdwt	91.9	104754
Myclobutanil	Hyaliodes	vitripennis	Mirid Bug	MOR	MOR	MORT	NR-ZERO		1 d		0.176		ai g/L	100	63621
Myclobutanil	Hyaliodes	vitripennis	Mirid Bug	MOR	MOR	MORT	LC50		1 d		0.0151(0.0115 TO 0.0195)		ai g/L	100	63621
Myclobutanil	Adalia	bipunctata	Two Spotted Lady Beetle	MOR	MOR	MORT	NR-ZERO		2 d		60		AI g/ha	20	104765
Myclobutanil	Amblyseius	fallacis	Predatory mite	MOR	MOR	MORT	NR-ZERO		3 d		0.04		ai g/L	40	63599
Myclobutanil	Amblyseius	fallacis	Predatory mite	MOR	MOR	SURV	NOAEL		3 d		0.04		ai g/L	40	63599
Myclobutanil	Amblyseius	fallacis	Predatory mite	MOR	MOR	HTCH	NOAEL		4 d		0.04		ai g/L	40	63599
Myclobutanil	Amblyseius	fallacis	Predatory mite	MOR	MOR	SURV	NOAEL		7 d		0.04		ai g/L	40	63599
Myclobutanil	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NOAEL	LOAEL	~91 d		500	2000	ppm	100	104397
Myclobutanil	Amblyseius	addoensis	Predaceous Mite	MOR	MOR	MORT	NR-ZERO		1 d		20		ml/100 L	100	64288
Myclobutanil	Mus	musculus	House mouse	MOR	MOR	MORT	LD50		14 d		3230(2270 TO 6280)		mg/kg bdwt	81.1	104756
Myclobutanil	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO	NR-LETH	15 d		215	700	mg/kg bdwt	81.1	104753
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	14 d		10	150	mg/kg bdwt	>95	104396

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		14	d	148.5		mg/kg bdwt	>99	104400
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		1	d	287.4		mg/kg bdwt	95.8	104399
Myclobutanil	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL	LOAEL	4	d	71.7	269.9	ppm	95.8	104394
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	LGTH	NOAEL	LOAEL	~14	d	500	2000	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	LGTH	NOAEL	LOAEL	14	d	38.7	149.9	ppm	100	105104
Myclobutanil	Mus	musculus	House mouse	GRO	MPH	SMIX	LOAEL		15	d	10		mg/kg bdwt	>95	105105
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	14	d	9.99	74.925	mg/kg bdwt	>99.9	105001
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	SHPE	NOAEL		~118	d	2000		ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOEL	LOEL	~98	d	6.1	32.9	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	PHY	PHY	ECYC	NOAEL		35	d	347.3		ppm	100	105104
Myclobutanil	Cynodon	dactylon	Bermudagrass	POP	POP	ABND	NOAEL	LOAEL	95	d	0.5429	1.08491	lb/acre	40	76524
Myclobutanil	Cynodon	dactylon	Bermudagrass	POP	POP	ABND	NOAEL	LOAEL	95	d	0.5429	1.08491	lb/acre	40	76524
Myclobutanil	Diplocarpon	mespili	Fungus	POP	POP	ABND	LOAEL		67	d	150		ppm	40	92029
Myclobutanil	Diplocarpon	mespili	Fungus	POP	POP	ABND	LOAEL		34	d	150		ppm	40	92029
Myclobutanil	Diplocarpon	mespili	Fungus	POP	POP	ABND	LOAEL		36	d	150		ppm	40	92029
Myclobutanil	Rattus	norvegicus	Norway rat	POP	POP	SEXR	NOAEL		15	d	464.4		mg/kg bdwt	81.1	104753
Myclobutanil	Galendromus	occidentalis	Western Predatory Mite	REP	REP	FCND	NOAEL		3	d	78.86		ppm	40	96453
Myclobutanil	Tetranychus	urticae	Two-spotted spider mite	REP	REP	FCND	NOAEL		3	d	78.86		ppm	40	96453
Myclobutanil	Amblyseius	fallacis	Predatory mite	REP	REP	FCND	NOAEL		6	d	0.04		ai g/L	40	63599
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	PROG	NOAEL		~56	d	2000		ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	VIAB	NOEL	LOEL	15	d	31.26	93.77	mg/kg bdwt	84.5	104755
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	VAOP	NOAEL	LOAEL	35	d	93.8	347.3	ppm	100	105104
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	FIDX	NOAEL	LOAEL	~118	d	100	500	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	RSUC	NOEL	LOEL	~98	d	6.1	32.9	ppm	100	104397
Myclobutanil	Rattus	norvegicus	Norway rat	REP	REP	VIAB	NOAEL	LOAEL	15	d	31.6	68.1	mg/kg bdwt	81.1	104753