

Appendix I: Database of Accepted Papers from ECOTOX run February 2010

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

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LIPD	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LIPD	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	FIBR	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	FIBR	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	PRCO	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	KCON	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	MGCO	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	MGCO	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	MNCO	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	MGCO	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	FECO	NOEL			hv	3200		ppm	80	70663
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LYSI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LYSI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	THRE	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	THRE	NOEL			hv	3200		ppm	80	32048

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	VALI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	VALI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	METH	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	METH	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ILEU	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ILEU	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LEUC	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	LEUC	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	TYRO	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	TYRO	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	PHEN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	PHEN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	TRYP	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ESAA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ESAA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	HIST	NOEL			hv	3200		ppm	80	32048

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ARGI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ARGI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	SERI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	SERI	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	GTMA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	GTMA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	PRLN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	PRLN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	GLCN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	ALAN	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	NH4I	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	NH4I	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	NEAA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	BCM	NEAA	NOEL			hv	3200		ppm	80	32048
122349	Simazine	Cyprinus	carpio	common carp	BCM	HMCT	LOAEL		45	d	0.04275		mg/L	95	118302
122349	Simazine	Cyprinus	carpio	common carp	BCM	GLYC	NOAEL		90	d	0.04275		mg/L	95	119043

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Carica	papaya	Papaya	BCM	ASCA	LOAEL			hv	2.23		lb/acre	100	49505
122349	Simazine	Chlorella	vulgaris	Green algae	BCM	FLRS	EC50		3.47E-03	d	5		uM	100	52533
122349	Simazine	Carica	papaya	Papaya	ENZ	PAPN	LOAEL			hv	2.23		lb/acre	100	49505
122349	Simazine	Anas	platyrhynchos	Mallard duck	FDB	WCON	NOEL		15	d	5		mg/kg bdwt	100	35414
122349	Simazine	Anas	platyrhynchos	Mallard duck	FDB	WCON	LOEL		15	d	20		mg/kg bdwt	100	35414
122349	Simazine	Hordeum	vulgare	Barley	GEN	GTPF	NOAEL	LOAEL		fi	100	500	ppm	100	41005
122349	Simazine	Pinus	resinosa	norway pine	GRO	WGHT	LOAEL		110	d	2		lb/acre	100	41006
122349	Simazine	Citrus	reticulata	Mandarin orange	GRO	WGHT	NOAEL		90	d	2.5		ppm	100	70317
122349	Simazine	Lemna	gibba	Inflated duckweed	GRO	SIZE	EC50		7	d			mg/L	100	56623
122349	Simazine	Lemna	minor	Duckweed	GRO	SIZE	EC50		7	d			mg/L	100	56623
122349	Simazine	Sclerotinia	sclerotiorum	Fungus	GRO	GGRO	NOAEL		41	d	2		ppm	100	70401
122349	Simazine	Beauveria	bassiana	Fungus	GRO	WGHT	NOEL		7	d	30000		ppm	100	70790
122349	Simazine	Carica	papaya	Papaya	GRO	WGHT	LOAEL			hv	2.23		lb/acre	100	49505
122349	Simazine	Phytophthora	cinnamomi	Fungi	GRO	RADI	LOAEL		4	d	2750		ppm	50	70482
122349	Simazine	Phytophthora	cinnamomi	Fungi	GRO	RADI	LOAEL		4	d	2500		ppm	100	70028
122349	Simazine	Hordeum	vulgare	Barley	GRO	BMAS	LOEC		28	d	0.1		ppm	41.7	19243
122349	Simazine	Hordeum	vulgare	Barley	GRO	BMAS	NOEC		28	d	0.01		ppm	41.7	19243

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Raphanus	sativus	Radish	GRO	BMAS	LOEC		28	d	0.1		ppm	41.7	19243
122349	Simazine	Raphanus	sativus	Radish	GRO	BMAS	NOEC		28	d	0.01		ppm	41.7	19243
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	5.2		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28	d	2.9		Al mg/eu	100	41305

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		5.5		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		5.2		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1.5		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		4.3		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		5.9		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1.3		Al mg/eu	100	41305

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		6.2		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		3.5		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		2.2		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		5		Al mg/eu	100	41305
122349	Simazine	Populus	sp.	Aspen, Cottonwood, Poplar	GRO	WGHT	ED20		28 d		1.2		Al mg/eu	100	41305
122349	Simazine	Cucumis	sativus	Cucumber	GRO	LGTH	EC50		5 d		1.19		1e-2 M	100	42840
122349	Simazine	Sorghum	bicolor	Sudangrass	GRO	LGTH	EC50		6 d		8.17		1e-4 M	100	42840
122349	Simazine	Xenopus	laevis	African clawed frog	HRM	TSTR	NOAEL	LOAEL	0.8333333333 d		6.0625	60.625	uM	>97	117111
122349	Simazine	Juncus	sp.	Bog-rush	MOR	MORT	NR-LETH		728 d		2		mg/L	100	14132

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
1007289	Deisopropylatrazine	Pseudokirchneriella	subcapitata	Green algae	MOR	MORT	LC50		4 d		2.958		mg/L	98.6	118745
1007289	Deisopropylatrazine	Hyalella	azteca	Scud	MOR	MORT	LC50		4 d		7.0992		mg/L	98.6	118745
1007289	Deisopropylatrazine	Hyalella	azteca	Scud	MOR	MORT	LC50		21 d		2.958		mg/L	98.6	118745
1007289	Deisopropylatrazine	Diporeia	sp.	Scud	MOR	MORT	LC50		21 d		0.2958		mg/L	98.6	118745
1007289	Deisopropylatrazine	Diporeia	sp.	Scud	MOR	MORT	LC50		4 d		2.958		mg/L	98.6	118745
122349	Simazine	Cyprinus	carpio	common carp	MOR	MORT	NR-LETH		90 d		0.04275		mg/L	95	118302
122349	Simazine	Cyprinus	carpio	common carp	MOR	MORT	NR-ZERO		90 d		0.04275		mg/L	95	118466
122349	Simazine	Cyprinus	carpio	common carp	MOR	MORT	NR-LETH		90 d		0.04275		mg/L	95	112920
122349	Simazine	Cyprinus	carpio	common carp	MOR	MORT	NR-LETH		90 d		0.04275		mg/L	95	119043
6190654	Deethylatrazine	Pseudokirchneriella	subcapitata	Green algae	MOR	MORT	LC50		4 d		1.99		mg/L	99.5	118745
6190654	Deethylatrazine	Hyalella	azteca	Scud	MOR	MORT	LC50		4 d		5.0745		mg/L	99.5	118745
6190654	Deethylatrazine	Hyalella	azteca	Scud	MOR	MORT	LC50		21 d		2.985		mg/L	99.5	118745
6190654	Deethylatrazine	Diporeia	sp.	Scud	MOR	MORT	LC50		21 d		0.32835		mg/L	99.5	118745

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6190654	Deethylatrazine	Diporeia	sp.	Scud	MOR	MORT	LC50		4	d	2.985		mg/L	99.5	118745
122349	Simazine	NR	Oligochaeta	Annelid worm class	MOR	MORT	LC50		42	d			mg/L	100	8041
122349	Simazine	Daphnia	magna	Water flea	MOR	MORT	LC50		2	d	94		mg/L	100	8970
122349	Simazine	Lepomis	cyanellus	Green sunfish	MOR	MORT	NR-ZERO		240	d	2		mg/L	80	70545
122349	Simazine	Micropterus	salmoides	Largemouth bass	MOR	MORT	NR-ZERO		240	d	2		mg/L	80	70545
122349	Simazine	Artemia	salina	Brine shrimp	MOR	MORT	LC50		1	d	23.12		mg/L	100	70574
122349	Simazine	Drosophila	melanogaster	Fruit fly	MOR	MORT	NR-ZERO		1	d	40		ug/org	100	2939
122349	Simazine	Phasianus	colchicus	ring-necked pheasant	MOR	MORT	NR-ZERO		8	d	5000		ppm	100	35214
122349	Simazine	Colinus	virginianus	Northern Bobwhite Quail	MOR	MORT	LC50		8	d	5000		ppm	100	35214
122349	Simazine	Phasianus	colchicus	ring-necked pheasant	MOR	MORT	LC50		8	d	5000		ppm	100	35214
122349	Simazine	Colinus	virginianus	Northern Bobwhite Quail	MOR	MORT	NR-ZERO		8	d	5000		ppm	100	35214
122349	Simazine	Anas	platyrhynchos	Mallard duck	MOR	MORT	LC50		8	d	5000		ppm	100	35214
122349	Simazine	Anas	platyrhynchos	Mallard duck	MOR	MORT	NR-ZERO		8	d	5000		ppm	100	35214

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122349	Simazine	Coturnix	japonica	Japanese quail	MOR	MORT	LC50		8 d		3720		ppm	100	35214
122349	Simazine	Colinus	virginianus	Northern Bobwhite Quail	MOR	MORT	LC50		8 d		5000		mg/kg bdwt	99.1	35243
122349	Simazine	Anas	platyrhynchos	Mallard duck	MOR	MORT	LC50		8 d		5000		mg/kg bdwt	99.1	35243
122349	Simazine	Phasianus	colchicus	ring-necked pheasant	MOR	MORT	LC50		8 d		5000		mg/kg bdwt	99.1	35243
122349	Simazine	Coturnix	japonica	Japanese quail	MOR	MORT	LC50		8 d		3720		mg/kg bdwt	99.1	35243
122349	Simazine	Cyprinus	carpio	common carp	MPH	RATO	LOAEL		45 d		0.04275		mg/L	95	118302
122349	Simazine	NR	Fungi	Fungi Kingdom	POP	ABND	NOAEL		7 d		4		L/ha	100	106731
122349	Simazine	Vigna	unguiculata	Black-eyed pea	POP	BMAS	NOEL		hv		3200		ppm	80	32048
122349	Simazine	Vigna	unguiculata	Black-eyed pea	POP	BMAS	NOEL		hv		3200		ppm	80	32048
122349	Simazine	NR	Tardigrada	Water Bear phylum	POP	ABND	NOEL		10 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Tardigrada	Water Bear phylum	POP	ABND	NOEL		20 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Tardigrada	Water Bear phylum	POP	ABND	NOEL		30 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		10 d		2.68		Al kg/ha	100	89644

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122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Animalia	Animal kingdom	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10	d	2.68		Al kg/ha	100	89644

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	DVRS	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	DVRS	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	DVRS	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		30	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20	d	2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		30	d	2.68		Al kg/ha	100	89644

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		30 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		30 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		10 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		20 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Nemata	Nematode phylum	POP	ABND	NOEL		30 d		2.68		Al kg/ha	100	89644
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330 d		4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330 d		4		kg/ha	100	53301

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL	LOEL	330	d	4	8	kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tullbergia	krausbaue ri	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Tullbergia	krausbaue ri	Springtail	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tullbergia	krausbaue ri	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Tullbergia	krausbaue ri	Springtail	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Folsomia	sp.	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Folsomia	sp.	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Folsomia	sp.	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Folsomia	sp.	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Isotoma	notabilis	Springtail	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Isotoma	notabilis	Springtail	POP	ABND	NOEL		330	d	8		kg/ha	100	53301

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Isotoma	notabilis	Springtail	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Isotoma	notabilis	Springtail	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Rhodacarellus	silesiacus	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Rhodacarellus	silesiacus	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Rhodacarellus	silesiacus	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Rhodacarellus	silesiacus	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Speleorchestes	formicorum	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Speleorchestes	formicorum	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Speleorchestes	formicorum	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Speleorchestes	formicorum	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tyrophagus	longior	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tyrophagus	longior	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tyrophagus	longior	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Tyrophagus	longior	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Tectocephus	velatus	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Tectocephus	velatus	Mite	POP	ABND	LOEL		330	d	4		kg/ha	100	53301

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Tectoceph	velatus	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Tectoceph	velatus	Mite	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Mesostig mata	Mite order	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Mesostig mata	Mite order	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Mesostig mata	Mite order	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Mesostig mata	Mite order	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Acari	Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Prostigma ta	Mite suborder	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Prostigma ta	Mite suborder	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Prostigma ta	Mite suborder	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	NR	Prostigma ta	Mite suborder	POP	ABND	NOEL		330	d	8		kg/ha	100	53301
122349	Simazine	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	ABND	NOEL		330	d	8		kg/ha	100	53301

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	NR	Collembola	Springtail order	POP	ABND	LOEL		330	d	4		kg/ha	100	53301
122349	Simazine	Chlorella	vulgaris	Green algae	POP	PSYN	EC50		4.17E-02	d	0.076		mg/L	100	103266
122349	Simazine	Chlorella	vulgaris	Green algae	POP	PSYN	EC10		4.17E-02	d	0.0088		mg/L	100	103266
122349	Simazine	Phaeodactylum	tricornutum	Diatom	POP	PSYN	EC10		4.17E-02	d	0.018		mg/L	100	103266
122349	Simazine	Phaeodactylum	tricornutum	Diatom	POP	PSYN	EC50		4.17E-02	d	0.4		mg/L	100	103266
1007289	Deisopropylatrazine	Pseudokirchneriella	subcapitata	Green algae	POP	ABND	NOEC		3	d	0.0006		mg/L	100	98204

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
1007289	Deisopropylatrazine	Pseudokirchneriella	subcapitata	Green algae	POP	ABND	EC50		3 d		0.002		mg/L	100	98204
122349	Simazine	Pseudokirchneriella	subcapitata	Green algae	POP	ABND	EC50		3 d		0.297		mg/L	100	98204
122349	Simazine	Pseudokirchneriella	subcapitata	Green algae	POP	ABND	NOEC		3 d		0.1		mg/L	100	98204
122349	Simazine	Penicillium	expansum	Blue mold	POP	ABND	LOAEL		11 d		25.6		ppm	80	91689
122349	Simazine	Mucor	piriformis	Fungus	POP	ABND	LOAEL		39 d		25.6		ppm	80	91689
122349	Simazine	Botrytis	cinerea	Fungi	POP	ABND	LOAEL		39 d		25.6		ppm	80	91689
122349	Simazine	NR	Fungi	Fungi Kingdom	POP	ABND	LOAEL		10 d		5		ppm	100	58616
122349	Simazine	NR	Fungi	Fungi Kingdom	POP	ABND	NOAEL		730 d		5.352		lb/acre	100	102600
122349	Simazine	Ankistrodesmus	sp.	Green algae	POP	PGRT	LC50		14 d		87000		mg/L	100	17259
122349	Simazine	Hormidium	flaccidum	Algae	POP	PGRT	LC50		14 d		90000		mg/L	100	17259
122349	Simazine	Dictyosphaerium	pulchellum	Green algae	POP	PGRT	LC50		14 d		28000000		mg/L	100	17259
122349	Simazine	Chlorella	sp.	Green algae	POP	PGRT	LC50		14 d		3300000		mg/L	100	17259
122349	Simazine	Scenedesmus	quadricauda	Green algae	POP	PGRT	EC50		4 d		0.15		mg/L	92.2	71458
122349	Simazine	Xenopus	laevis	African clawed frog	REP	OVRT	NOAEL		0.833333333 d		60.625		uM	>97	117111

CAS Number	Chemical Name	Genus	Species	Common Name	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Mean	Conc Units Preferred	% Purity	Ref #
122349	Simazine	Sclerotinia	sclerotiorum	Fungus	REP	GERM	NOAEL		41	d	2		ppm	100	70401
122349	Simazine	Sclerotinia	sclerotiorum	Fungus	REP	GREP	NOAEL		41	d	2		ppm	100	70401
122349	Simazine	Beauveria	bassiana	Fungus	REP	GERM	LOEL		1	d	6000		ppm	100	70790
122349	Simazine	Carica	papaya	Papaya	REP	SEED	LOAEL			hv	2.23		lb/acre	100	49505
122349	Simazine	Penicillium	expansum	Blue mold	REP	GERM	LOAEL		2.041666667	d	0.1024		ppm	80	91689
122349	Simazine	Botrytis	cinerea	Fungi	REP	GERM	NOAEL		1.666666667	d	0.1024		ppm	80	91689
122349	Simazine	Mucor	piriformis	Fungus	REP	GERM	NOAEL		1.666666667	d	0.1024		ppm	80	91689
122349	Simazine	Phytophthora	cinnamomi	Fungi	REP	SEPD	NOAEL		4	d	2750		ppm	50	70482
122349	Simazine	Phytophthora	cinnamomi	Fungi	REP	SEPD	NOAEL		4	d	2750		ppm	50	70482