

APPENDIX I: Accepted ECOTOX Data Table and Bibliography

Malathion

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

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Pseudorasbora	parva	Motsuga, stone moroko		ACC	GACC	BCF			3 d			1.2			mg/L	2164
Malathion	Trienodes	sp	Caddis fly	ACC	ACC	RSDE	BCF			5 d			0.1			mg/L	2340
Malathion	Bellamy	bengalensis	Snail	ACC	ACC	RSDE	LOAEL			5 d			1.5			ml/L	90666
Malathion	Cyprinus	carpio	common carp	ACC	ACC	RSDE	BCF			28 d			0.114			mg/L	89874
Malathion	Tilapia	nilotica	Nile tilapia	ACC	ACC	RSDE	BCF			28 d			0.3			mg/L	89874
Malathion	Spirodela	oligorhiza	Big duckweed	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Myriophyllum	aquaticum	Parrot feather watermilfoil	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Elodea	canadensis	Waterweed	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Stagnicola	sp.	Snail	ACC	ACC	RSDE	BCF			1.5 d			60			mg/L	67329
Malathion	Pseudorasbora	parva	Motsuga, stone moroko		ACC	GACC	BCF			3 d			1.2			mg/L	2164
Malathion	Trienodes	sp	Caddis fly	ACC	ACC	RSDE	BCF			5 d			0.1			mg/L	2340
Malathion	Bellamy	bengalensis	Snail	ACC	ACC	RSDE	LOAEL			5 d			1.5			ml/L	90666
Malathion	Cyprinus	carpio	common carp	ACC	ACC	RSDE	BCF			28 d			0.114			mg/L	89874
Malathion	Tilapia	nilotica	Nile tilapia	ACC	ACC	RSDE	BCF			28 d			0.3			mg/L	89874
Malathion	Spirodela	oligorhiza	Big duckweed	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Myriophyllum	aquaticum	Parrot feather watermilfoil	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Elodea	canadensis	Waterweed	ACC	ACC	RSDE	BCF			8 d			50			ppm	68281
Malathion	Stagnicola	sp.	Snail	ACC	ACC	RSDE	BCF			1.5 d			60			mg/L	67329
Malathion	Rattus	norvegicus	Norway rat	ACC	ACC	RSDE	NOAEL			1 d			427.5			mg/kg bdwt	108901
Malathion	Trienodes	sp	Caddis fly	ACC	ACC	RSDE	BCF			4 d			0.1			mg/L	2340
Malathion	Trienodes	sp	Caddis fly	ACC	ACC	RSDE	BCF			3 d			0.1			mg/L	2340
Malathion	Trienodes	sp	Caddis fly	ACC	ACC	RSDE	BCF			1 d			0.1			mg/L	2340
Malathion	Gallus	domesticus	Domestic Chicken	REP	AEG	WGHT	NOAEL			252 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	REP	AEG	WGHT	NOAEL			252 d			475			ppm	37706
Malathion	Sitophilus	granarius	Granary weevil	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Sitophilus	granarius	Granary weevil	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	BEH	AVO	CHEM	NOAEL			0.25 d			0.00475			%	53317
Malathion	Coturnix	japonica	Japanese quail		BCM	LIPD	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat		BCM	LIPD	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Papaver	bracteatum	Oriental Poppy	BCM	BCM	GBCM	NOAEL		>=	77 d			1			Tbsp/gal	90895
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLCN	LOAEL			2 d			1000			mg/kg bdwt	89110
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	BCM	GMIN	LOAEL			2 d			2			mg/L	13476
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	HMGL	LOAEL			15 d			0.25			mg/L	14673
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	GBCM	NOAEL	LOAEL		7 d			1		10	ppm	91569
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			4.17E-02 d			500			mg/kg bdwt	89052
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PORP	NOAEL	LOAEL		1 d			19.2		38.4	mg/eu	89476
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	BCM	GLYC	LOAEL			2 d			2			mg/L	12190

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PLAT	LOAEL			8.33E-02	d		1732.5			mg/kg bdwt	37756
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL				4	d	92.3			mg/kg bdwt	89478
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL	LOAEL			1	d	5		50	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	LIPD	NOAEL	LOAEL			1	d	50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	LOAEL				1	d	5			mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PHSC	LOAEL				15	d	100			mg/kg bdwt	91100
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL				45	d	50			mg/kg bdwt	39268
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	NOAEL	LOAEL			21	d	1		50	ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			8.33E-02	d		170			mg/kg bdwt	89292
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	PRCO	LOAEL				60	d	4			mg/L	89371
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	NOAEL				14	d	1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	NOAEL				21	d	1950			ppm	91913
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	MCPR	LOAEL				90	d	400			ppm	89120
Malathion	Gallus	sp.	Chicken	BCM	BCM	ASBT	LOAEL				30	d	75			mg/kg bdwt	90624
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	LOAEL			8.33E-02	d		500			mg/kg bdwt	89507
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PHPH	LOAEL		>		84	d	44			mg/kg bdwt	89191
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PPHT	NOAEL	LOAEL			32	d	55		137.5	mg/kg bdwt	88916
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AFB1	LOAEL				6	d	5			ppm	89314
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	LIPT	LOAEL				8	d	75			mg/kg bdwt	89477
Malathion	Bufo	arenarum	Toad	BCM	BCM	PRCO	LOAEL		<=		5	d	44			mg/L	89111
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL	LOAEL			0.5	d	250		500	mg/kg bdwt	89152
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL				15	d	100			mg/kg bdwt	90631
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	LOAEL				90	d	400			ppm	90699
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	CHOL	LOAEL				30	d	20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	CHOL	LOAEL				30	d	20			ppm	90618
Malathion	Triticum	aestivum	Bread wheat	BCM	BCM	GBCM	LOAEL				4	d	49.95			ppm	90623
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	PHSC	LOAEL				4	d	2.5			mg/L	89754
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL				22	d	29.4			ppm	89268
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREA	LOAEL				105	d	1.6			ppm/d	89875
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL				1	d	4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL				2	d	4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL				3	d	4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL				4	d	0.9			mg/L	89592
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL				85	d	44			mg/kg bdwt	89311
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			8.33E-02	d		500			mg/kg bdwt	88915
Malathion	Metapenaeus	monoceros	Sand shrimp	BCM	BCM	GMIN	LOAEL				4	d	0.475			mg/L	89575
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	GLUC	LOAEL				60	d	20			ppm	89107
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	PRCO	LOAEL				60	d	20			ppm	89107
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL				30	d	200			ppm	89313
Malathion	Macrobrachium	lamarrei	Prawn	BCM	BCM	GLYC	NOAEL	LOAEL			1	d	1		1.26	mg/L	91346
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	NOAEL				21	d	10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	NOAEL				21	d	10.3			mg/org/d	89140
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	HMGL	NOAEL				63	d	<=	1600		ppm	89390
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMGL	LOAEL				90	d	9.25			ppm	90776

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Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMGL	NOAEL			90 d			92.5			ppm	90776
Malathion	Rivulus	marmoratus	Mangrove Rivulus	BCM	BCM	PPHT	NOAEL	LOAEL		0.166666667 d			22.5		30	mg/L	9669
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREN	LOAEL			90 d			0.05			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREN	LOAEL			5 d			0.65			ppm	89620
Malathion	Bos	taurus	Domesticated cattle	BCM	BCM	GLUC	LOAEL			0.166666667 d			300			ppm	89049
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	NOAEL	LOAEL		0.166666667 d			0.099		0.2475	mg/kg bdwt	90632
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.166666667 d			0.99			mg/kg bdwt	90632
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			8 d			826.8			mg/kg bdwt	88958
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			8 d			137.8			mg/kg bdwt	88958
Malathion	Mus	musculus	House mouse	BCM	BCM	SLFH	NOAEL	LOAEL		14 d			29.4		98	mg/kg bdwt	89503
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	ASCA	LOAEL			4 d			2.85			uM	88912
Malathion	Phaseolus	lunatus	Lima bean	BCM	BCM	ACRR	NOAEL			7 d			11.7			ml/L	70497
Malathion	Glycine	max	Soybean	BCM	BCM	ACRR	NOAEL			7 d			11.7			ml/L	70497
Malathion	Aspergillus	flavus	Fungi	BCM	BCM	AB12	NOAEL	LOAEL		14 d			1000		5000	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AB12	NOAEL	LOAEL		14 d			1000		5000	ppm	75327
Malathion	Aspergillus	flavus	Fungi	BCM	BCM	OLEC	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AB12	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Mus	musculus	House mouse	BCM	BCM	HMGL	LOAEL			75 d			7			ppm	90633
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL			36 d			135.044			ppm	89118
Malathion	Spirodela	polyrhiza	Large duckweed	BCM	BCM	PRCO	NOAEL	LOAEL		1 d			9.626		24.065	mg/L	54278
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			6 d			400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			21 d			400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			0.208333333 d			600			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PRTL	LOAEL			7 d			5			ppm	89387
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	UREA	LOAEL			14 d			10			ppm	89019
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	LOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	LOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	NOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Alectoris	rufa	Red-legged partridge	BCM	BCM	PRCO	NOAEL			1 d			600000			ppm	40317
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PHST	NOAEL	LOAEL		7 d			0.25		0.5	%	91030
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	NOAEL			7 d			0.75			%	91030
Malathion	Mus	musculus	House mouse	BCM	BCM	UREA	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	BCM	UREA	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667 d			1.998		19.98	ppm	89046
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HSTM	LOAEL			0.166666667 d			1.998			ppm	89046
Malathion	Mus	musculus	House mouse	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667 d			0.0999		0.999	mg/kg bdwt	89046

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Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667	d		0.0999		0.999	mg/kg bdwt	89046
Malathion	Azolla	pinnata	Water velvet	BCM	BCM	NCON	NOAEL	LOAEL			7 d		10		50	mg/L	72931
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	NOAEL	LOAEL			7 d		0.25		0.5	%	89051
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL				hv		1			%	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL				hv		1			%	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL				hv		0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL				hv		0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL				hv		0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL				hv		0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL				hv		1			AI %	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL				hv		1			AI %	90634
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	UREA	LOAEL		<=	6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	UREA	LOAEL		<=	1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PCLV	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PCLV	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	BCM	BCM	MLDH	LOAEL			15 d			100			ppm	55835
Malathion	Oryzias	latipes	Medaka, high-eyes	BCM	BCM	HMCT	NOAEL			14 d			0.7984			mg/L	59285
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	VERA	NOAEL	LOAEL		7 d			50		100	ppm	75785
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AFB1	LOAEL			7 d			50			ppm	75785
Malathion	Uca	marionis	Indian Fiddler Crab	BCM	BCM	PRCO	LOAEL			4 d			0.0205			mg/L	89286
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	TBAR	LOAEL			28 d			20			ppm	91883
Malathion	Clarias	batrachus	Walking catfish	BCM	BCM	PRCO	LOAEL			15 d			0.04			mg/L	89284
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	SLFH	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	BCM	BCM	GLTH	LOAEL			4 d			19.6			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	BCM	GLTH	LOAEL			4 d			20			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	BCM	CDST	LOAEL			1 d			4			mg/L	61857
Malathion	Clarias	batrachus	Walking catfish	BCM	BCM	PRCO	LOAEL			7 d			0.04			mg/L	72761
Malathion	Cyprinus	carpio	common carp	BCM	BCM	CHOL	LOAEL			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	PHST	LOAEL			1 d			4			mg/L	72824
Malathion	Stagnicola	sp.	Snail	BCM	BCM	PRCO	LOAEL			0.5 d			60			mg/L	67329
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	MLDH	LOAEL			28 d			100			ppm	89244
Malathion	Catla	catla	Catla	BCM	BCM	PRTL	LOAEL			5 d			1			mg/L	82785
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Crassostrea	gigas	Pacific oyster	BCM	BCM	TBAR	NOAEL			1 d			0.228			mg/L	76793
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			28 d			100			ppm	89126
Malathion	Colisa	fasciata	Giant gourami	BCM	BCM	GLYC	LOAEL			1 d			1			mg/L	74220
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	TBAR	LOAEL			1 d			237.5			mg/kg bdwt	80475
Malathion	Danio	rerio	Zebra danio	BCM	BCM	AMPT	NOAEL	LOAEL		7 d			0.0475		0.475	mg/L	88999
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL	LOAEL		28 d			100		200	ppm	89048
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PRCO	LOAEL			168 d			0.5			mg/L	92183
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			4.17E-02 d			3			mg/kg bdwt	89414
Malathion	Coturnix	japonica	Japanese quail		BCM	LIPD	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat		BCM	LIPD	LOEL			60 d			100			mg/kg bdwt	35083

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Papaver	bracteatum	Oriental Poppy	BCM	BCM	GBCM	NOAEL		>=	77 d			1			Tbsp/gal	90895
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLCN	LOAEL			2 d			1000			mg/kg bdwt	89110
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	BCM	GMIN	LOAEL			2 d			2			mg/L	13476
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	HMGL	LOAEL			15 d			0.25			mg/L	14673
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	GBCM	NOAEL	LOAEL		7 d			1		10	ppm	91569
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			4.17E-02 d			500			mg/kg bdwt	89052
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PORP	NOAEL	LOAEL		1 d			19.2		38.4	mg/eu	89476
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	BCM	GLYC	LOAEL			2 d			2			mg/L	12190
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PLAT	LOAEL			8.33E-02 d			1732.5			mg/kg bdwt	37756
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL			4 d			92.3			mg/kg bdwt	89478
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL	LOAEL		1 d			5		50	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	LIPD	NOAEL	LOAEL		1 d			50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	LOAEL			1 d			5			mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PHSC	LOAEL			15 d			100			mg/kg bdwt	91100
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			45 d			50			mg/kg bdwt	39268
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	NOAEL	LOAEL		21 d			1		50	ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			8.33E-02 d			170			mg/kg bdwt	89292
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	PRCO	LOAEL			60 d			4			mg/L	89371
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	NOAEL			14 d			1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	NOAEL			21 d			1950			ppm	91913
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	MCPR	LOAEL			90 d			400			ppm	89120
Malathion	Gallus	sp.	Chicken	BCM	BCM	ASBT	LOAEL			30 d			75			mg/kg bdwt	90624
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	LOAEL			8.33E-02 d			500			mg/kg bdwt	89507
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PHPH	LOAEL		>	84 d			44			mg/kg bdwt	89191
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PPHT	NOAEL	LOAEL		32 d			55		137.5	mg/kg bdwt	88916
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AFB1	LOAEL			6 d			5			ppm	89314
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	LIPT	LOAEL			8 d			75			mg/kg bdwt	89477
Malathion	Bufo	arenarum	Toad	BCM	BCM	PRCO	LOAEL		<=	5 d			44			mg/L	89111
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL	LOAEL		0.5 d			250		500	mg/kg bdwt	89152
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL			15 d			100			mg/kg bdwt	90631
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	LOAEL			90 d			400			ppm	90699
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	CHOL	LOAEL			30 d			20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	CHOL	LOAEL			30 d			20			ppm	90618
Malathion	Triticum	aestivum	Bread wheat	BCM	BCM	GBCM	LOAEL			4 d			49.95			ppm	90623
Malathion	Channa	punctata	Snake-head catfish	BCM	BCM	PHSC	LOAEL			4 d			2.5			mg/L	89754
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL			22 d			29.4			ppm	89268
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREA	LOAEL			105 d			1.6			ppm/d	89875
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			1 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			2 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			3 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			4 d			0.9			mg/L	89592
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			85 d			44			mg/kg bdwt	89311
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			8.33E-02 d			500			mg/kg bdwt	88915
Malathion	Metapenaeus	monoceros	Sand shrimp	BCM	BCM	GMIN	LOAEL			4 d			0.475			mg/L	89575

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	GLUC	LOAEL			60 d			20			ppm	89107
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	PRCO	LOAEL			60 d			20			ppm	89107
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			30 d			200			ppm	89313
Malathion	Macrobrachium	lamarrei	Prawn	BCM	BCM	GLYC	NOAEL	LOAEL		1 d			1		1.26	mg/L	91346
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	HMGL	NOAEL			63 d		<=	1600			ppm	89390
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMGL	LOAEL			90 d			9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HMGL	NOAEL			90 d			92.5			ppm	90776
Malathion	Rivulus	marmoratus	Mangrove Rivulus	BCM	BCM	PPHT	NOAEL	LOAEL		0.166666667 d			22.5		30	mg/L	9669
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREN	LOAEL			90 d			0.05			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	UREN	LOAEL			5 d			0.65			ppm	89620
Malathion	Bos	taurus	Domesticated cattle	BCM	BCM	GLUC	LOAEL			0.166666667 d			300			ppm	89049
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	NOAEL	LOAEL		0.166666667 d			0.099		0.2475	mg/kg bdwt	90632
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.166666667 d			0.99			mg/kg bdwt	90632
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			8 d			826.8			mg/kg bdwt	88958
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	ASCA	LOAEL			8 d			137.8			mg/kg bdwt	88958
Malathion	Mus	musculus	House mouse	BCM	BCM	SLFH	NOAEL	LOAEL		14 d			29.4		98	mg/kg bdwt	89503
Malathion	Xenopus	laevis	African clawed frog	BCM	BCM	ASCA	LOAEL			4 d			2.85			uM	88912
Malathion	Phaseolus	lunatus	Lima bean	BCM	BCM	ACRR	NOAEL			7 d			11.7			ml/L	70497
Malathion	Glycine	max	Soybean	BCM	BCM	ACRR	NOAEL			7 d			11.7			ml/L	70497
Malathion	Aspergillus	flavus	Fungi	BCM	BCM	AB12	NOAEL	LOAEL		14 d			1000		5000	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AB12	NOAEL	LOAEL		14 d			1000		5000	ppm	75327
Malathion	Aspergillus	flavus	Fungi	BCM	BCM	OLEC	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AB12	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Mus	musculus	House mouse	BCM	BCM	HMGL	LOAEL			75 d			7			ppm	90633
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL			36 d			135.044			ppm	89118
Malathion	Spirodela	polyrhiza	Large duckweed	BCM	BCM	PRCO	NOAEL	LOAEL		1 d			9.626		24.065	mg/L	54278
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			6 d			400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			21 d			400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	GLYC	LOAEL			0.208333333 d			600			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PRTL	LOAEL			7 d			5			ppm	89387
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	UREA	LOAEL			14 d			10			ppm	89019
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	LOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	LOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	H2O2	NOAEL			1 d			600			mg/kg bdwt	89128
Malathion	Alectoris	rufa	Red-legged partridge	BCM	BCM	PRCO	NOAEL			1 d			600000			ppm	40317
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	PHST	NOAEL	LOAEL		7 d			0.25		0.5	%	91030
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	NOAEL			7 d			0.75			%	91030

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	BCM	BCM	UREA	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	BCM	UREA	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	H2O2	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667 d			1.998		19.98	ppm	89046
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HSTM	LOAEL			0.166666667 d			1.998			ppm	89046
Malathion	Mus	musculus	House mouse	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667 d			0.0999		0.999	mg/kg bdwt	89046
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	HSTM	NOAEL	LOAEL		0.166666667 d			0.0999		0.999	mg/kg bdwt	89046
Malathion	Azolla	pinnata	Water velvet	BCM	BCM	NCON	NOAEL	LOAEL		7 d			10		50	mg/L	72931
Malathion	Gallus	domesticus	Domestic Chicken	BCM	BCM	CHOL	NOAEL	LOAEL		7 d			0.25		0.5	%	89051
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUB1	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL			hv			1			AI %	90634
Malathion	Gibberella	moniliformis	Fungi	BCM	BCM	FUMO	NOAEL			hv			1			AI %	90634
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	UREA	LOAEL		<=	6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	BCM	BCM	UREA	LOAEL		<=	1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PCLV	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PCLV	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	BCM	BCM	MLDH	LOAEL			15 d			100			ppm	55835
Malathion	Oryzias	latipes	Medaka, high-eyes	BCM	BCM	HMCT	NOAEL			14 d			0.7984			mg/L	59285
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	VERA	NOAEL	LOAEL		7 d			50		100	ppm	75785
Malathion	Aspergillus	parasiticus	Fungus	BCM	BCM	AFB1	LOAEL			7 d			50			ppm	75785
Malathion	Uca	marionis	Indian Fiddler Crab	BCM	BCM	PRCO	LOAEL			4 d			0.0205			mg/L	89286
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	TBAR	LOAEL			28 d			20			ppm	91883
Malathion	Clarias	batrachus	Walking catfish	BCM	BCM	PRCO	LOAEL			15 d			0.04			mg/L	89284
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	SLFH	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	BCM	BCM	GLTH	LOAEL			4 d			19.6			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	BCM	GLTH	LOAEL			4 d			20			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	BCM	CDS1	LOAEL			1 d			4			mg/L	61857
Malathion	Clarias	batrachus	Walking catfish	BCM	BCM	PRCO	LOAEL			7 d			0.04			mg/L	72761
Malathion	Cyprinus	carpio	common carp	BCM	BCM	CHOL	LOAEL			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	PHST	LOAEL			1 d			4			mg/L	72824
Malathion	Stagnicola	sp.	Snail	BCM	BCM	PRCO	LOAEL			0.5 d			60			mg/L	67329
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	MLDH	LOAEL			28 d			100			ppm	89244
Malathion	Catla	catla	Catla	BCM	BCM	PRTL	LOAEL			5 d			1			mg/L	82785
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLTH	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Crassostrea	gigas	Pacific oyster	BCM	BCM	TBAR	NOAEL			1 d			0.228			mg/L	76793
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			28 d			100			ppm	89126
Malathion	Colisa	fasciata	Giant gourami	BCM	BCM	GLYC	LOAEL			1 d			1			mg/L	74220

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	TBAR	LOAEL			1 d			237.5			mg/kg bdwt	80475
Malathion	Danio	rerio	Zebra danio	BCM	BCM	AMPT	NOAEL	LOAEL		7 d			0.0475		0.475	mg/L	88999
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL	LOAEL		28 d			100		200	ppm	89048
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Tilapia	nilotica	Nile tilapia	BCM	BCM	PRCO	LOAEL			168 d			0.5			mg/L	92183
Malathion	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	LOAEL			4.17E-02 d			3			mg/kg bdwt	89414
Malathion	Mus	musculus	House mouse	BCM	BCM	BLLB	LOAEL			21 d			200			mg/kg bdwt	118692
Malathion	Anabaena	sp.	Blue-green algae	BCM	BCM	PHCB	LOEC			27 d			0.003			%	118161
Malathion	Cirrhinus	mrigala	Carp, hawk fish	BCM	BCM	PRTL	LOAEL			5 d			1.5			mg/L	118383
Malathion	Pisum	sativum	Pea	BCM	BCM	NCON	NOAEL			gs			0.6244			lb/acre	114763
Malathion	Pisum	sativum	Pea	BCM	BCM	NCON	NOAEL			gs			0.99904			lb/acre	114763
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ETST	NOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	LIPD	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ETST	NOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	PHST	LOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	CHOL	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	LIPD	NOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ANTO	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ANTO	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ANTO	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	HDCB	NOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	FFTA	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	HDCB	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	TRIG	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	TRIG	LOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	PHST	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	FFTA	LOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ETST	NOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	LIPD	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ETST	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	TRIG	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	FFTA	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	HDCB	NOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	CHOL	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	ANTO	NOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	FFTA	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	PHST	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	CHOL	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	HDCB	NOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	LIPD	LOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	BCM	BCM	TRIG	LOEC			30 d			0.1			mg/L	72824
Malathion	Mus	musculus	House mouse	BCM	BCM	GLUC	NOAEL			7 d			10			%	118162
Malathion	Vigna	unguiculata	Black-eyed pea	BCM	BCM	PRCO	LOAEL		>	150 d			0.1			%	107408
Malathion	Labeo	rohita	Rohu	BCM	BCM	PRTL	LOAEL			5 d			0.45			mg/L	117888

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ATSK	LOAEL			1 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ACTP	LOAEL			1 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ATSK	NOAEL	LOAEL		3 d			0.475		0.95	mg/L	13456
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	ACTP	NOAEL	LOAEL		4.17E-02 d			25		50	mg/kg bdwt	37614
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			60 d			20			ppm	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			15 d			40			ppm	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			0.125 d			200			mg/kg bdwt	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	LOAEL		>	4.13E-04 d			100			mg/kg bdwt	89189
Malathion	Mus	musculus	House mouse	BEH	BEH	RRSP	LOAEL			8.33E-02 d			100			mg/kg bdwt	89189
Malathion	Plethodon	glutinosus	Slimy Salamander	BEH	BEH	SWIM	NOAEL		>	17 d			3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BEH	BEH	SWIM	NOAEL		>	17 d			5.1129			kg/ha	40014
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	ACTV	LOAEL			8 d			75			mg/kg bdwt	89477
Malathion	Apis	mellifera	Honey bee	BEH	BEH	POLC	LOAEL			1 d			210			ml/ha	90657
Malathion	Spizella	breweri	Brewer's Sparrow	BEH	BEH	FLIT	NOAEL			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	BEH	BEH	FLIT	NOAEL			730 d			585			g/ha	89113
Malathion	Heterorhabditis	bacteriophora	Nematode	BEH	BEH	NMVM	NOAEL	LOAEL		3 d			50		100	ppm	90655
Malathion	Chironomus	tentans	Midge		BEH	GBHV	EC50			4 d			0.01909			mg/L	18128
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	BEH	BEH	LOCO	NOAEL	LOAEL		1.020833333 d			0.02		0.04	mg/L	85991
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	NOAEL	LOAEL		20 d			0.0000967		0.00004835	mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			23 d			0.0000967			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			14 d			0.0004835			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			10 d			0.000967			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	EC50			10 d			0.00115073			mg/L	65789
Malathion	Chironomus	tentans	Midge		BEH	SWIM	EC50			4 d			0.0015			mg/L	56553
Malathion	Chironomus	tentans	Midge		BEH	SWIM	EC50			4 d			0.0017			mg/L	56553
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	BEH	BEH	GBHV	LOAEL			1 d			0.02			mg/L	65887
Malathion	Rana	catesbeiana	Bullfrog	BEH	BEH	EQUL	LOAEL			19.6 d			0.48			mg/L	56687
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	GPST	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	SWIM	NOAEL	LOAEL	>=	2.08E-02 d			47.5		95	mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	SWIM	LOAEL			7 d			23.75			mg/kg bdwt	89553
Malathion	Sciaenops	ocellatus	Red drum	BEH	BEH	ACTV	NOAEL			3 d			0.00742			mg/L	81672
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ATSK	LOAEL			1 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ACTP	LOAEL			1 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	BEH	BEH	ATSK	NOAEL	LOAEL		3 d			0.475		0.95	mg/L	13456
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	ACTP	NOAEL	LOAEL		4.17E-02 d			25		50	mg/kg bdwt	37614
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			60 d			20			ppm	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			15 d			40			ppm	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	SLEP	NOAEL			0.125 d			200			mg/kg bdwt	89471
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	LOAEL		>	4.13E-04 d			100			mg/kg bdwt	89189
Malathion	Mus	musculus	House mouse	BEH	BEH	RRSP	LOAEL			8.33E-02 d			100			mg/kg bdwt	89189
Malathion	Plethodon	glutinosus	Slimy Salamander	BEH	BEH	SWIM	NOAEL		>	17 d			3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BEH	BEH	SWIM	NOAEL		>	17 d			5.1129			kg/ha	40014
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	ACTV	LOAEL			8 d			75			mg/kg bdwt	89477
Malathion	Apis	mellifera	Honey bee	BEH	BEH	POLC	LOAEL			1 d			210			ml/ha	90657

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Spizella	breweri	Brewer's Sparrow	BEH	BEH	FLIT	NOAEL			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	BEH	BEH	FLIT	NOAEL			730 d			585			g/ha	89113
Malathion	Heterorhabditis	bacteriophora	Nematode	BEH	BEH	NMVM	NOAEL	LOAEL		3 d			50		100	ppm	90655
Malathion	Chironomus	tentans	Midge		BEH	GBHV	EC50			4 d			0.01909			mg/L	18128
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	BEH	BEH	LOCO	NOAEL	LOAEL		1.020833333 d			0.02		0.04	mg/L	85991
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	NOAEL	LOAEL		20 d			0.0000967		0.00004835	mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			23 d			0.0000967			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			14 d			0.0004835			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	ET50			10 d			0.000967			mg/L	65789
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BEH	BEH	GBHV	EC50			10 d			0.00115073			mg/L	65789
Malathion	Chironomus	tentans	Midge		BEH	SWIM	EC50			4 d			0.0015			mg/L	56553
Malathion	Chironomus	tentans	Midge		BEH	SWIM	EC50			4 d			0.0017			mg/L	56553
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	BEH	BEH	GBHV	LOAEL			1 d			0.02			mg/L	65887
Malathion	Rana	catesbeiana	Bullfrog	BEH	BEH	EQUL	LOAEL			19.6 d			0.48			mg/L	56687
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	GPST	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	SWIM	NOAEL	LOAEL	>=	2.08E-02 d			47.5		95	mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BEH	BEH	SWIM	LOAEL			7 d			23.75			mg/kg bdwt	89553
Malathion	Sciaenops	ocellatus	Red drum	BEH	BEH	ACTV	NOAEL			3 d			0.00742			mg/L	81672
Malathion	Xenopus	laevis	African clawed frog	BEH	BEH	ACTV	NOAEL			18 d			1			mg/L	118382
Malathion	Coturnix	coturnix	Quail	BEH	BEH	RRSP	NOEL			41 d			75			mg/kg bdwt	52202
Malathion	Coturnix	coturnix	Quail	BEH	BEH	RRSP	NOEL			31 d			75			mg/kg bdwt	52202
Malathion	Coturnix	coturnix	Quail	BEH	BEH	RRSP	NOEL			21 d			75			mg/kg bdwt	52202
Malathion	NR	Helisoma trivolvis	NR	BEH	BEH	MIGR	NOAEL			28 d			0.0096			mg/L	112912
Malathion	Echinostoma	trivolvis	Trematode	BEH	BEH	PNPY	NOAEL			0.166666667 d			0.0096			mg/L	112912
Malathion	Danio	rerio	Zebra danio	BEH	BEH	NMVM	NOEC	LOEC		24 hpf			3		6.1	uM	108092
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	NOAEL			1 d			2948			umol/kg	95537
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	LOAEL			3 d			2948			umol/kg	95537
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	LOAEL			5 d			2948			umol/kg	95537
Malathion	Mus	musculus	House mouse	BEH	BEH	INST	NOAEL			10 d			1474			umol/kg	95537
Malathion	Channa	punctata	Snake-head catfish	CEL	CEL	RBCE	LOAEL			15 d			0.25			mg/L	14673
Malathion	Mus	musculus	House mouse	CEL	CEL	VOLU	LOAEL			100 d			60			mg/kg bdwt	89276
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	EOSN	LOAEL			8.33E-02 d			170			mg/kg bdwt	89292
Malathion	Katehysia	opima	Marine bivalve	CEL	CEL	WDTH	LOAEL			4 d			0.0005			mg/L	14269
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	LOAEL			105 d			1.6			ppm/d	89875
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	LEUK	LOAEL			42 d		<=	1600			ppm	89475
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	RBCE	NOAEL			63 d		<=	1600			ppm	89390
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	TWBC	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	TWBC	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	LEUK	LOAEL			90 d			0.05			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL			5 d			1.77			ppm	89620
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	FOCI	LOAEL			42 d			4000			ppm	75839
Malathion	Mus	musculus	House mouse	CEL	CEL	CCHG	LOAEL			0.166666667 d			0.99			mg/kg bdwt	90632
Malathion	Allium	cepa	Common onion	CEL	CEL	CDRT	LOAEL			1 d			50			ppm	90626
Malathion	Mus	musculus	House mouse	CEL	CEL	PCCM	LOAEL			30 d			7			ppm	90633

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	CEL	CEL	NCEL	LOAEL			14 d			0.1			mg/kg bdwt	89047
Malathion	Mus	musculus	House mouse	CEL	CEL	NCEL	LOAEL			90 d			0.0999			mg/kg bdwt	89045
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			3 d			600			ppm	89223
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			0.208333333 d			600			ppm	89223
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			14 d			600			ppm	89223
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	CEL	CEL	SPLO	NOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	LOAEL			30 d			43.956			ppm	89117
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	LOAEL			168 d			0.5			mg/L	92183
Malathion	Colpoda	inflata	Soil ciliate	CEL	CEL	CDRT	NOAEL	LOAEL		6.94E-03 d			0.0000024		0.0000024	v/v	88378
Malathion	Colpoda	inflata	Soil ciliate	CEL	CEL	VIAB	NOAEL	LOAEL		6.94E-03 d			0.0000024		0.000024	v/v	88378
Malathion	Channa	punctata	Snake-head catfish	CEL	CEL	RBCE	LOAEL			15 d			0.25			mg/L	14673
Malathion	Mus	musculus	House mouse	CEL	CEL	VOLU	LOAEL			100 d			60			mg/kg bdwt	89276
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	EOSN	LOAEL			8.33E-02 d			170			mg/kg bdwt	89292
Malathion	Katelysia	opima	Marine bivalve	CEL	CEL	WDTH	LOAEL			4 d			0.0005			mg/L	14269
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	LOAEL			105 d			1.6			ppm/d	89875
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	LEUK	LOAEL			42 d		<=	1600			ppm	89475
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	RBCE	NOAEL			63 d		<=	1600			ppm	89390
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	TWBC	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	TWBC	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	LEUK	LOAEL			90 d			0.05			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL			5 d			1.77			ppm	89620
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	FOCI	LOAEL			42 d			4000			ppm	75839
Malathion	Mus	musculus	House mouse	CEL	CEL	CCHG	LOAEL			0.166666667 d			0.99			mg/kg bdwt	90632
Malathion	Allium	cepa	Common onion	CEL	CEL	CDRT	LOAEL			1 d			50			ppm	90626
Malathion	Mus	musculus	House mouse	CEL	CEL	PCCM	LOAEL			30 d			7			ppm	90633
Malathion	Mus	musculus	House mouse	CEL	CEL	NCEL	LOAEL			14 d			0.1			mg/kg bdwt	89047
Malathion	Mus	musculus	House mouse	CEL	CEL	NCEL	LOAEL			90 d			0.0999			mg/kg bdwt	89045
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			3 d			600			ppm	89223
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			0.208333333 d			600			ppm	89223
Malathion	Gallus	domesticus	Domestic Chicken	CEL	CEL	TWBC	LOAEL			14 d			600			ppm	89223
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	CEL	CEL	SPLO	NOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	LOAEL			30 d			43.956			ppm	89117
Malathion	Tilapia	nilotica	Nile tilapia	CEL	CEL	RBCE	LOAEL			168 d			0.5			mg/L	92183
Malathion	Colpoda	inflata	Soil ciliate	CEL	CEL	CDRT	NOAEL	LOAEL		6.94E-03 d			0.00000024		0.0000024	v/v	88378
Malathion	Colpoda	inflata	Soil ciliate	CEL	CEL	VIAB	NOAEL	LOAEL		6.94E-03 d			0.0000024		0.000024	v/v	88378
Malathion	Mus	musculus	House mouse	CEL	CEL	LMPH	LOAEL			21 d			200			mg/kg bdwt	118692
Malathion	Crassostrea	virginica	American or virginia oyster		DVP	GDVP	EC50			2 d			9.07			mg/L	2400
Malathion	Mytilus	edulis	Common bay mussel, blue mussel		DVP	GDVP	EC50			2 d			13.4			mg/L	8127
Malathion	Cancer	magister	Dungeness or edible crab		DVP	MOLT	NOEC			1 d			0.033			mg/L	6793
Malathion	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL			17 d			300			mg/kg bdwt	88908

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Oryzias	latipes	Medaka, high-eyes		DVP	ABNM	ED50				d		10			mg/L	14285
Malathion	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL		~	110	d		50			mg/kg bdwt	86940
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		227			AI g/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		227			AI g/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		237			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		237			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			17	d		539			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			17	d		539			AI ml/378 L	90625
Malathion	Oryctolagus	cuniculus	European Rabbit	GRO	DVP	ABNM	NOAEL			20	d		70			mg/kg bdwt	89087
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.711			mg/L	66506
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		1.944			mg/L	66506
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4	d		0.9			mg/L	89592
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	LOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	LOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Allium	cepa	Common onion	GRO	DVP	ABNM	LOAEL			1	d		50			ppm	90626
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4	d		14.25			uM	88912
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	DVP	FLDG	NOAEL			730	d		585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	GRO	DVP	FLDG	NOAEL			730	d		585			g/ha	89113
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	DVP	ABNM	NOAEL	LOAEL		5	d		1.225		2.45	mg/L	88998
Malathion	Spodoptera	litura	Common cutworm	GRO	DVP	EMRG	LOAEL			11	d		50			ppm	90655
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	NOAEL	LOAEL		120	hpf		742.5		1485	ug/L	76738
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			120	hpf		2.3700699			mg/L	76738
Malathion	Mytilus	galloprovincialis	Mediterranean mussel	GRO	DVP	ABNM	EC50			2	d		2.2			mg/L	81741
Malathion	Crassostrea	virginica	American or virginia oyster		DVP	GDVP	EC50			2	d		9.07			mg/L	2400
Malathion	Mytilus	edulis	Common bay mussel,blue mussel		DVP	GDVP	EC50			2	d		13.4			mg/L	8127
Malathion	Cancer	magister	Dungeness or edible crab		DVP	MOLT	NOEC			1	d		0.033			mg/L	6793
Malathion	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL			17	d		300			mg/kg bdwt	88908
Malathion	Oryzias	latipes	Medaka, high-eyes		DVP	ABNM	ED50				d		10			mg/L	14285
Malathion	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL		~	110	d		50			mg/kg bdwt	86940
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		227			AI g/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		227			AI g/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		237			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			25	d		237			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			17	d		539			AI ml/378 L	90625
Malathion	Vaccinium	corymbosum	Highbush blueberry	GRO	DVP	FIRM	NOAEL			17	d		539			AI ml/378 L	90625
Malathion	Oryctolagus	cuniculus	European Rabbit	GRO	DVP	ABNM	NOAEL			20	d		70			mg/kg bdwt	89087
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.711			mg/L	66506
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		1.944			mg/L	66506
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4	d		0.9			mg/L	89592
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	LOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	LOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	NOAEL				hv		1.2488			lb/acre	89122

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	DVP	MATR	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Allium	cepa	Common onion	GRO	DVP	ABNM	LOAEL			1 d			50			ppm	90626
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4 d			14.25			uM	88912
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	DVP	FLDG	NOAEL			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	GRO	DVP	FLDG	NOAEL			730 d			585			g/ha	89113
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	DVP	ABNM	NOAEL	LOAEL		5 d			1.225		2.45	mg/L	88998
Malathion	Spodoptera	litura	Common cutworm	GRO	DVP	EMRG	LOAEL			11 d			50			ppm	90655
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	NOAEL	LOAEL		120 hpf			742.5		1485	ug/L	76738
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			120 hpf			2.3700699			mg/L	76738
Malathion	Mytilus	galloprovincialis	Mediterranean mussel	GRO	DVP	ABNM	EC50			2 d			2.2			mg/L	81741
Malathion	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	NOAEL	LOAEL		30 d			0.001		1	mg/L	118382
Malathion	Rana	pipiens	Leopard frog	GRO	DVP	MMPH	NOAEL			78 d						mg/L	118292
Malathion	Rana	pipiens	Leopard frog	GRO	DVP	MMPH	NOAEL			78 d			0.3			mg/L	118292
Malathion	Rana	pipiens	Leopard frog	GRO	DVP	MMPH	NOAEL			51 d			0.19			mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	DVP	MMPH	NOAEL			78 d						mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	DVP	MMPH	NOAEL			78 d			0.3			mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	DVP	MMPH	NOAEL			51 d			0.19			mg/L	118292
Malathion	Danio	rerio	Zebra danio	GRO	DVP	ABNM	NOEC	LOEC		80 hpf		<	0.8		0.8	uM	108092
Malathion	Chordodes	sp.	Horsehair Worm	GRO	DVP	ABNM	NOAEL	LOAEL		4 d			0.146		0.22	mg/L	118256
Malathion	Hyla	chrysoscelis	Southern grey tree frog	GRO	DVP	MMPH	LOAEL			32 d			0.5			mg/L	115418
Malathion	Hyla	versicolor	Gray tree frog	GRO	DVP	MMPH	NOAEL			d			0.0058			mg/L	114296
Malathion	Hyla	versicolor	Gray tree frog	GRO	DVP	WGHT	NOAEL			d			0.0058			mg/L	114296
Malathion	Rana	pipiens	Leopard frog	GRO	DVP	WGHT	NOAEL		~	40 d			0.0058			mg/L	114296
Malathion	Rana	pipiens	Leopard frog	GRO	DVP	MMPH	NOAEL		~	40 d			0.0058			mg/L	114296
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	NOAEL			2 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	NOAEL			4 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	NOAEL			7 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	NOAEL			11 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	LOAEL			14 d			0.03			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	GRO	DVP	EMRG	LOAEL			21 d			0.03			mg/L	111364
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			150 d			240			ppm	37838
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			150 d			240			ppm	37838
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL		<=	14 d			980			mg/kg bdwt	89470
Malathion	Lepomis	gibbosus	Pumpkinseed	BCM	ENZ	CEST	ID50			8.33E-02 d			43			mg/kg bdwt	36207
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	CEST	ID50			8.33E-02 d			68			mg/kg bdwt	36207
Malathion	Ameiurus	melas	Black bullhead	BCM	ENZ	CEST	ID50			8.33E-02 d			600			mg/kg bdwt	36207
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50			8.33E-02 d			860			mg/kg bdwt	36207
Malathion	Rana	pipiens	Leopard frog	BCM	ENZ	CEST	ID50			8.33E-02 d			1300			mg/kg bdwt	36207
Malathion	Ictalurus	punctatus	Channel catfish	BCM	ENZ	ACHE	IC50			20 d			1.8			mg/L	14034
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50		<=	0.75 d			1250			mg/kg bdwt	90629
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50			0.75 d			860			mg/kg bdwt	90629
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	NOAEL			4.17E-02 d			100			ppm	38887
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02 d			2.5			cc/org	38887
Malathion	NR	Aves	Bird class	BCM	ENZ	ACHE	NOAEL			9 d			4.5			oz/acre	89523

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Artibeus	jamaicensis	Jamaican Fruit Eating Bat	BCM	ENZ	ACHE	NOAEL			9 d			4.5			oz/acre	89523
Malathion	NR	Actinopterygii	Spiny rayed fish class	BCM	ENZ	ACHE	NOAEL			9 d			4.5			oz/acre	89523
Malathion	Anolis	coelestinus	Tree Lizard	BCM	ENZ	ACHE	NOAEL			9 d			4.5			oz/acre	89523
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			0.25 d			200			mg/kg bdwt	89196
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			3.25 d			200			mg/kg bdwt	89196
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			3.25 d			200			mg/kg bdwt	89196
Malathion	Sturnus	vulgaris	European starling		ENZ	ACHE	NOEL			84 d			35			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	ACHE	LOEL			84 d			160			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	ASAT	LOEL			84 d			160			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	CRKI	NOEL			84 d			160			mg/kg bdwt	35129
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02 d			190			mg/kg bdwt	89508
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02 d			760			mg/kg bdwt	36206
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL	LOAEL		1.04E-02 d			50		100	mg/kg bdwt	37614
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			220			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			640			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			680			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			900			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			1100			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1 d			1800			mg/kg bdwt	35349
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	P450	LOAEL			30 d			1			ppm	15861
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	ACHE	NOAEL			21 d			42.375			mg/kg bdwt	52202
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			2 d			1000			mg/kg bdwt	89110
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125 d		>	1000			ppm	86574
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125 d		>	1000			ppm	86574
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125 d		>	1000			ppm	86574
Malathion	Anas	platyrhynchos	Mallard duck		ENZ	ACHE	LOEL			3.47E-04 d			14			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		ENZ	ACHE	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALAS	LOAEL			0.208333333 d			38.4			mg/eu	89476
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			4.17E-02 d			687.5			mg/kg bdwt	90639
Malathion	Heteropneustes	fossilis	Indian catfish	BCM	ENZ	ALPH	LOAEL			30 d			0.78			mg/L	90638
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	ENZ	SCDH	LOAEL			2 d			2			mg/L	12190
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			4.17E-02 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			4 d			92.3			mg/kg bdwt	89478
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		1 d			50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		1 d			50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	LOAEL			1 d			5			mg/kg bdwt	89096
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	MLCB	LOAEL			3 d			0.16			ppm	89109
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CAPK	LOAEL			15 d			100			mg/kg bdwt	91100
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	ACHE	LOAEL			4.17E-02 d			30			mg/L	64529
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GOTR	LOAEL			45 d			50			mg/kg bdwt	39268
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	UDGT	NOAEL			7 d			25			mg/kg bdwt	37664
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL			8.33E-02 d			10			ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	LOAEL			4.17E-02 d			50			ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL			21 d			50			ppm	35543

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02	d		380			mg/kg bdwt	89119
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			0.0625	d		113.75			mg/kg bdwt	89014
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			0.0625	d		113.75			mg/kg bdwt	89014
Malathion	Plethodon	glutinosus	Slimy Salamander	BCM	ENZ	CEST	LOAEL			25	d		3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BCM	ENZ	CEST	LOAEL			25	d		5.1129			kg/ha	40014
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02	d		227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02	d		227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02	d		227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02	d		227.5			mg/kg bdwt	89621
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22	d		5			50 mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22	d		5			50 mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22	d		250		500	mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			8.33E-02	d		500			mg/kg bdwt	89507
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GSTR	LOAEL			7	d		38.4			mg/kg bdwt	89121
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AEFX	LOAEL			14	d		38.4			mg/kg bdwt	89121
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			84	d		46			mg/kg bdwt	89753
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL			98	d		46			mg/kg bdwt	89753
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL		>	84	d		44			mg/kg bdwt	89191
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			32	d		55			mg/kg bdwt	88916
Malathion	Mus	musculus	House mouse	BCM	ENZ	ACHE	LOAEL			8.33E-02	d		985			mg/kg bdwt	88919
Malathion	Scylla	serrata	Crab	BCM	ENZ	ATPA	NOAEL	LOAEL		21	d		0.5		1	mg/L	3251
Malathion	Bufo	arenarum	Toad	BCM	ENZ	ACHE	LOAEL			2	d		44			mg/L	89111
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL	LOAEL		0.25	d		50		250	mg/kg bdwt	89152
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21	d		5		50	mg/kg bdwt	88914
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21	d		5		50	mg/kg bdwt	88914
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21	d		50		250	mg/kg bdwt	88914
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			90	d		400			ppm	90699
Malathion	Alectoris	rufa	Red-legged partridge		ENZ	ACHE	LOEL			1	d		16.7			mg/kg bdwt	35285
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	ACHE	LOAEL			30	d		20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	ACHE	LOAEL			30	d		20			ppm	90618
Malathion	Triticum	aestivum	Bread wheat	BCM	ENZ	NRDT	LOAEL			4	d		49.95			ppm	90623
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	CEST	LOAEL			3	d		88.2			mg/kg bdwt	89310
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	CEST	LOAEL			3	d		88.2			mg/kg bdwt	89310
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	TAMN	LOAEL			21	d	>=	26.22			ppm	86941
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	LOAEL			22	d		29.4			ppm	89268
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AMYL	LOAEL			105	d		1.6			ppm/d	89875
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			8.33E-02	d		500			mg/kg bdwt	88915
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	ACHE	LOAEL			1	d		188			ppm	88991
Malathion	Metapenaeus	monoceros	Sand shrimp	BCM	ENZ	ACHE	LOAEL			4	d		0.475			mg/L	89575
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	CEST	NOAEL			4.17E-02	d		167			mg/kg bdwt	69372
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	NOAEL	LOAEL		105	d		1.584		23.76	ppm	90627
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SGPT	LOAEL			21	d		10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SGPT	NOAEL			21	d		10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			90	d		9.25			ppm	90776

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			90 d			9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL	LOAEL		90 d			0.05		6.51	ppm	89273
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			30 d			1.8			ppm	89271
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			5 d			0.65			ppm	89620
Malathion	Mus	musculus	House mouse	BCM	ENZ	GENZ	NOAEL	LOAEL		0.16666667 d			4.95		9.9	mg/kg bdwt	90632
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4 d			0.007			ml/L	89093
Malathion	Drawida	willsi	Field earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02 d			1		2.5	ppm	88954
Malathion	Octochaetona	surensis	Tropical Earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02 d			1		2.5	ppm	88954
Malathion	Lampito	mauriti	Earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02 d			3.75		5	ppm	88954
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	ACHE	LOAEL			120 d			0.19			mg/L	89006
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	DEAS	LOAEL			8 d			826.8			mg/kg bdwt	88958
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	DEAS	LOAEL			8 d			137.8			mg/kg bdwt	88958
Malathion	Mus	musculus	House mouse	BCM	ENZ	ACHE	LOAEL			5 d			180			mg/kg bdwt	89115
Malathion	Mus	musculus	House mouse	BCM	ENZ	GSTR	NOAEL	LOAEL		14 d			29.4		98	mg/kg bdwt	89503
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ESTE	LOAEL			2 d			528			mg/kg bdwt	87869
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			30 d			7			ppm	90633
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	P450	LOAEL			36 d			135.044			ppm	89118
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	BCHE	LOAEL			8.33E-02 d			163.66			mg/kg bdwt	88917
Malathion	Capra	hircus	Wild Goat	BCM	ENZ	ACHE	LOAEL			1 d			75			ppm	40239
Malathion	Phasianus	colchicus	ring-necked pheasant	BCM	ENZ	ACHE	LOAEL			3 d			87.4			mg/kg bdwt	63276
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	GPTR	LOAEL			14 d			250			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALPH	LOAEL			6 d			400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALPH	LOAEL			0.41666667 d			600			Al mg/kg bdwt/d	89165
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	SGOT	LOAEL			21 d			10			ppm	89019
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	BCHE	LOAEL			1 d			600000			ppm	40317
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	ENZ	AATT	LOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75 d		>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	NOAEL	LOAEL		90 d			0.0999		0.999	mg/kg bdwt	89045
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			8.33E-02 d			1740			mg/kg bdwt	89752
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			14 d			100			mg/kg bdwt	89752
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	CEST	LOAEL		<=	6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	SBDH	LOAEL		<=	1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	BCM	ENZ	AATT	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	BCM	ENZ	AATT	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	BCM	ENZ	SODA	LOAEL			15 d			100			ppm	55835

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Bufo	woodhousei	Woodhouse's Toad	BCM	ENZ	CEST	LOAEL			30 d						umol/mi/g	89577
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BCM	ENZ	ACHE	LOAEL			15 d			0.000967			mg/L	65789
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SODA	LOAEL			28 d			20			ppm	91883
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		ENZ	ACHE	EC50			1 d			0.02993			mg/L	51679
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		ENZ	ACHE	EC50			1 d			0.05553			mg/L	51679
Malathion	Chironomus	tentans	Midge	BCM	ENZ	ACHE	NOAEL	LOAEL		1 d			0.0002548		0.00147	mg/L	62046
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CTLS	LOAEL			3 d			0.13			ppm	75335
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	BCM	ENZ	GSTR	LOAEL			16 d			1.96			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	ENZ	ACHE	LOAEL			1 d			4			mg/L	65749
Malathion	Stagnicola	sp.	Snail	BCM	ENZ	ACHE	LOAEL			0.5 d			60			mg/L	67329
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	LYZM	LOAEL			14 d			5			mg/L	89184
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	LYZM	LOAEL			21.5 d			5			mg/L	89184
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CTLS	LOAEL			28 d			100			ppm	89244
Malathion	Macoma	balthica	Balthica macoma or clam	BCM	ENZ	ACHE	NOAEL			7 d			0.1			mg/L	71688
Malathion	Mytilus	edulis	Common bay mussel,blue mussel	BCM	ENZ	ACHE	NOAEL			7 d			0.1			mg/L	71688
Malathion	Catla	catla	Catla	BCM	ENZ	PRTS	LOAEL			15 d			1			mg/L	82785
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Crassostrea	gigas	Pacific oyster	BCM	ENZ	ACHE	LOAEL			1 d			0.066			mg/L	76793
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	PPPC	LOAEL			28 d			100			ppm	89126
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			28 d			100			ppm	89127
Malathion	Drawida	willsi	Field earthworm	BCM	ENZ	ACHE	LOAEL			1 d			2.2			ppm	73846
Malathion	Daphnia	magna	Water flea	BCM	ENZ	ACHE	IC50			1 d			12.6			nM	72805
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			1 d			237.5			mg/kg bdwt	80475
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			7 d			23.75			mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			2.08E-02 d			47.5			mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	PFRC	LOAEL			28 d			100			ppm	89048
Malathion	Bufo	marinus	Giant toad	BCM	ENZ	ACHE	LOAEL			2 d			0.010615			ug	89001
Malathion	Rana	catesbeiana	Bullfrog	BCM	ENZ	ACHE	NOAEL			2 d			0.010615			ug	89001
Malathion	Sparus	aurata	Gilthead Seabream	BCM	ENZ	SODA	LOAEL			1 d			0.4			mg/L	88204
Malathion	Allium	cepa	Common onion	BCM	ENZ	EROD	NOAEL	LOAEL		2 d			0.0009		0.00108	ppm	88956
Malathion	Colpoda	inflata	Soil ciliate	BCM	ENZ	ACHE	NOAEL			1.04E-02 d			0.000024			v/v	88378
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GLMD	LOAEL			4.17E-02 d			3			mg/kg bdwt	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GLMD	LOAEL			28 d			100			ppm	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			150 d			240			ppm	37838
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			150 d			240			ppm	37838
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL		<=	14 d			980			mg/kg bdwt	89470
Malathion	Lepomis	gibbosus	Pumpkinseed	BCM	ENZ	CEST	ID50			8.33E-02 d			43			mg/kg bdwt	36207
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	CEST	ID50			8.33E-02 d			68			mg/kg bdwt	36207
Malathion	Ameiurus	melas	Black bullhead	BCM	ENZ	CEST	ID50			8.33E-02 d			600			mg/kg bdwt	36207
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50			8.33E-02 d			860			mg/kg bdwt	36207
Malathion	Rana	pipiens	Leopard frog	BCM	ENZ	CEST	ID50			8.33E-02 d			1300			mg/kg bdwt	36207
Malathion	Ictalurus	punctatus	Channel catfish	BCM	ENZ	ACHE	IC50			20 d			1.8			mg/L	14034

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50		<=	0.75	d		1250			mg/kg bdwt	90629
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	ID50			0.75	d		860			mg/kg bdwt	90629
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	NOAEL			4.17E-02	d		100			ppm	38887
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02	d		2.5			cc/org	38887
Malathion	NR	Aves	Bird class	BCM	ENZ	ACHE	NOAEL			9	d		4.5			oz/acre	89523
Malathion	Artibeus	jamaicensis	Jamaican Fruit Eating Bat	BCM	ENZ	ACHE	NOAEL			9	d		4.5			oz/acre	89523
Malathion	NR	Actinopterygii	Spiny rayed fish class	BCM	ENZ	ACHE	NOAEL			9	d		4.5			oz/acre	89523
Malathion	Anolis	coelestinus	Tree Lizard	BCM	ENZ	ACHE	NOAEL			9	d		4.5			oz/acre	89523
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			0.25	d		200			mg/kg bdwt	89196
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			3.25	d		200			mg/kg bdwt	89196
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			3.25	d		200			mg/kg bdwt	89196
Malathion	Sturnus	vulgaris	European starling		ENZ	ACHE	NOEL			84	d		35			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	ACHE	LOEL			84	d		160			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	ASAT	LOEL			84	d		160			mg/kg bdwt	35129
Malathion	Sturnus	vulgaris	European starling		ENZ	CRKI	NOEL			84	d		160			mg/kg bdwt	35129
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02	d		190			mg/kg bdwt	89508
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02	d		760			mg/kg bdwt	36206
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL	LOAEL		1.04E-02	d		50		100	mg/kg bdwt	37614
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		220			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		640			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		680			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		900			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		1100			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		ENZ	ACHE	IC50			1	d		1800			mg/kg bdwt	35349
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	P450	LOAEL			30	d		1			ppm	15861
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	ACHE	NOAEL			21	d		42.375			mg/kg bdwt	52202
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			2	d		1000			mg/kg bdwt	89110
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125	d	>	1000			ppm	86574
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125	d	>	1000			ppm	86574
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	ID50			0.125	d	>	1000			ppm	86574
Malathion	Anas	platyrhynchos	Mallard duck		ENZ	ACHE	LOEL			3.47E-04	d		14			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		ENZ	ACHE	LOEL			3.47E-04	d		125			lb/acre	35250
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALAS	LOAEL			0.208333333	d		38.4			mg/eu	89476
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			4.17E-02	d		687.5			mg/kg bdwt	90639
Malathion	Heteropneustes	fossilis	Indian catfish	BCM	ENZ	ALPH	LOAEL			30	d		0.78			mg/L	90638
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	ENZ	SCDH	LOAEL			2	d		2			mg/L	12190
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			4.17E-02	d		340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			4	d		92.3			mg/kg bdwt	89478
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		1	d		50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		1	d		50		250	mg/kg bdwt	89096
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	LOAEL			1	d		5			mg/kg bdwt	89096
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	MLCB	LOAEL			3	d		0.16			ppm	89109
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CAPK	LOAEL			15	d		100			mg/kg bdwt	91100
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	ACHE	LOAEL			4.17E-02	d		30			mg/L	64529

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GOTR	LOAEL			45 d			50			mg/kg bdwt	39268
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	UDGT	NOAEL			7 d			25			mg/kg bdwt	37664
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL			8.33E-02 d			10			ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	LOAEL			4.17E-02 d			50			ppm	35543
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL			21 d			50			ppm	35543
Malathion	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			8.33E-02 d			380			mg/kg bdwt	89119
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			0.0625 d			113.75			mg/kg bdwt	89014
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			0.0625 d			113.75			mg/kg bdwt	89014
Malathion	Plethodon	glutinosus	Slimy Salamander	BCM	ENZ	CEST	LOAEL			25 d			3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BCM	ENZ	CEST	LOAEL			25 d			5.1129			kg/ha	40014
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02 d			227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02 d			227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02 d			227.5			mg/kg bdwt	89621
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			4.17E-02 d			227.5			mg/kg bdwt	89621
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22 d			5		50	mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22 d			5		50	mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL		22 d			250		500	mg/kg bdwt	89088
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			8.33E-02 d			500			mg/kg bdwt	89507
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GSTR	LOAEL			7 d			38.4			mg/kg bdwt	89121
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AEPX	LOAEL			14 d			38.4			mg/kg bdwt	89121
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL			84 d			46			mg/kg bdwt	89753
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL			98 d			46			mg/kg bdwt	89753
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	LOAEL		>	84 d			44			mg/kg bdwt	89191
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			32 d			55			mg/kg bdwt	88916
Malathion	Mus	musculus	House mouse	BCM	ENZ	ACHE	LOAEL			8.33E-02 d			985			mg/kg bdwt	88919
Malathion	Scylla	serrata	Crab	BCM	ENZ	ATPA	NOAEL	LOAEL		21 d			0.5		1	mg/L	3251
Malathion	Bufo	arenarum	Toad	BCM	ENZ	ACHE	LOAEL			2 d			44			mg/L	89111
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL	LOAEL		0.25 d			50		250	mg/kg bdwt	89152
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21 d			5		50	mg/kg bdwt	88914
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21 d			5		50	mg/kg bdwt	88914
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	NOAEL	LOAEL		21 d			50		250	mg/kg bdwt	88914
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	LOAEL			90 d			400			ppm	90699
Malathion	Alectoris	rufa	Red-legged partridge		ENZ	ACHE	LOEL			1 d			16.7			mg/kg bdwt	35285
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	ACHE	LOAEL			30 d			20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	ACHE	LOAEL			30 d			20			ppm	90618
Malathion	Triticum	aestivum	Bread wheat	BCM	ENZ	NRDT	LOAEL			4 d			49.95			ppm	90623
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	CEST	LOAEL			3 d			88.2			mg/kg bdwt	89310
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	CEST	LOAEL			3 d			88.2			mg/kg bdwt	89310
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	TAMN	LOAEL			21 d		>=	26.22			ppm	86941
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AHDX	LOAEL			22 d			29.4			ppm	89268
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	AMYL	LOAEL			105 d			1.6			ppm/d	89875
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			8.33E-02 d			500			mg/kg bdwt	88915
Malathion	Oryctolagus	cuniculus	European Rabbit	BCM	ENZ	ACHE	LOAEL			1 d			188			ppm	88991
Malathion	Metapenaeus	monoceros	Sand shrimp	BCM	ENZ	ACHE	LOAEL			4 d			0.475			mg/L	89575

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	CEST	NOAEL			4.17E-02	d		167			mg/kg bdwt	69372
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	NOAEL	LOAEL		105	d		1.584		23.76	ppm	90627
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SGPT	LOAEL			21	d		10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SGPT	NOAEL			21	d		10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			90	d		9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			90	d		9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL	LOAEL		90	d		0.05		6.51	ppm	89273
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			30	d		1.8			ppm	89271
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL			5	d		0.65			ppm	89620
Malathion	Mus	musculus	House mouse	BCM	ENZ	GENZ	NOAEL	LOAEL		0.166666667	d		4.95		9.9	mg/kg bdwt	90632
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			16	d		0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			16	d		0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4	d		0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4	d		0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOAEL			4	d		0.007			ml/L	89093
Malathion	Drawida	willsi	Field earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02	d		1		2.5	ppm	88954
Malathion	Octochaetona	surensis	Tropical Earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02	d		1		2.5	ppm	88954
Malathion	Lampito	mauriti	Earthworm	BCM	ENZ	AMLS	NOAEL	LOAEL		8.33E-02	d		3.75		5	ppm	88954
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	ACHE	LOAEL			120	d		0.19			mg/L	89006
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	DEAS	LOAEL			8	d		826.8			mg/kg bdwt	88958
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	DEAS	LOAEL			8	d		137.8			mg/kg bdwt	88958
Malathion	Mus	musculus	House mouse	BCM	ENZ	ACHE	LOAEL			5	d		180			mg/kg bdwt	89115
Malathion	Mus	musculus	House mouse	BCM	ENZ	GSTR	NOAEL	LOAEL		14	d		29.4		98	mg/kg bdwt	89503
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ESTE	LOAEL			2	d		528			mg/kg bdwt	87869
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			30	d		7			ppm	90633
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	P450	LOAEL			36	d		135.044			ppm	89118
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	BCHE	LOAEL			8.33E-02	d		163.66			mg/kg bdwt	88917
Malathion	Capra	hircus	Wild Goat	BCM	ENZ	ACHE	LOAEL			1	d		75			ppm	40239
Malathion	Phasianus	colchicus	ring-necked pheasant	BCM	ENZ	ACHE	LOAEL			3	d		87.4			mg/kg bdwt	63276
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	GPTR	LOAEL			14	d		250			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALPH	LOAEL			6	d		400			Al mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	ALPH	LOAEL			0.416666667	d		600			Al mg/kg bdwt/d	89165
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75	d	>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75	d	>=	450			mg/kg bdwt	89551
Malathion	Gallus	domesticus	Domestic Chicken	BCM	ENZ	SGOT	LOAEL			21	d		10			ppm	89019
Malathion	Alectoris	rufa	Red-legged partridge	BCM	ENZ	BCHE	LOAEL			1	d		600000			ppm	40317
Malathion	Mus	musculus	House mouse	BCM	ENZ	ALPH	LOAEL			105	d		100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	ENZ	AATT	LOAEL			105	d		100			ug/d	88955
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75	d	>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75	d	>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	LOAEL			0.75	d	>=	450			mg/kg bdwt	89552
Malathion	Mus	musculus	House mouse	BCM	ENZ	CTHP	NOAEL	LOAEL		90	d		0.0999		0.999	mg/kg bdwt	89045
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			8.33E-02	d		1740			mg/kg bdwt	89752
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			14	d		100			mg/kg bdwt	89752

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	CEST	LOAEL		<=	6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	BCM	ENZ	SDDH	LOAEL		<=	1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	BCM	ENZ	AATT	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	BCM	ENZ	AATT	NOAEL			30 d			0.116			%	84380
Malathion	Mus	musculus	House mouse	BCM	ENZ	SODA	LOAEL			15 d			100			ppm	55835
Malathion	Bufo	woodhousei	Woodhouse's Toad	BCM	ENZ	CEST	LOAEL			30 d						umol/mi/g	89577
Malathion	Hydropsyche	slossonae	Net-spinning caddisfly	BCM	ENZ	ACHE	LOAEL			15 d			0.0000967			mg/L	65789
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	SODA	LOAEL			28 d			20			ppm	91883
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		ENZ	ACHE	EC50			1 d			0.02993			mg/L	51679
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		ENZ	ACHE	EC50			1 d			0.05553			mg/L	51679
Malathion	Chironomus	tentans	Midge	BCM	ENZ	ACHE	NOAEL	LOAEL		1 d			0.0002548		0.00147	mg/L	62046
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CTLS	LOAEL			3 d			0.13			ppm	75335
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	BCM	ENZ	GSTR	LOAEL			16 d			1.96			mg/L	59261
Malathion	Bufo	arenarum	Toad	BCM	ENZ	ACHE	LOAEL			1 d			4			mg/L	65749
Malathion	Stagnicola	sp.	Snail	BCM	ENZ	ACHE	LOAEL			0.5 d			60			mg/L	67329
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	LYZM	LOAEL			14 d			5			mg/L	89184
Malathion	Cyprinus	carpio	common carp	BCM	ENZ	LYZM	LOAEL			21.5 d			5			mg/L	89184
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CTLS	LOAEL			28 d			100			ppm	89244
Malathion	Macoma	balthica	Balthica macoma or clam	BCM	ENZ	ACHE	NOAEL			7 d			0.1			mg/L	71688
Malathion	Mytilus	edulis	Common bay mussel,blue mussel	BCM	ENZ	ACHE	NOAEL			7 d			0.1			mg/L	71688
Malathion	Catla	catla	Catla	BCM	ENZ	PRTS	LOAEL			15 d			1			mg/L	82785
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Crassostrea	gigas	Pacific oyster	BCM	ENZ	ACHE	LOAEL			1 d			0.066			mg/L	76793
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	PPPC	LOAEL			28 d			100			ppm	89126
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			28 d			100			ppm	89127
Malathion	Drawida	willsi	Field earthworm	BCM	ENZ	ACHE	LOAEL			1 d			2.2			ppm	73846
Malathion	Daphnia	magna	Water flea	BCM	ENZ	ACHE	IC50			1 d			12.6			nM	72805
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			1 d			237.5			mg/kg bdwt	80475
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			7 d			23.75			mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL			2.08E-02 d			47.5			mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	PFRC	LOAEL			28 d			100			ppm	89048
Malathion	Bufo	marinus	Giant toad	BCM	ENZ	ACHE	LOAEL			2 d			0.010615			ug	89001
Malathion	Rana	catesbeiana	Bullfrog	BCM	ENZ	ACHE	NOAEL			2 d			0.010615			ug	89001
Malathion	Sparus	aurata	Gilthead Seabream	BCM	ENZ	SODA	LOAEL			1 d			0.4			mg/L	88204
Malathion	Allium	cepa	Common onion	BCM	ENZ	EROD	NOAEL	LOAEL		2 d			0.0009		0.00108	ppm	88956
Malathion	Colpoda	inflata	Soil ciliate	BCM	ENZ	ACHE	NOAEL			1.04E-02 d			0.000024			v/v	88378
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GLMD	LOAEL			4.17E-02 d			3			mg/kg bdwt	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	GLMD	LOAEL			28 d			100			ppm	89414
Malathion	Mus	musculus	House mouse	BCM	ENZ	ASAT	LOAEL			21 d			200			mg/kg bdwt	118692
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	ACHE	NOEL			51 d			75			mg/kg bdwt	52202
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	ACHE	NOEL			41 d			75			mg/kg bdwt	52202
Malathion	Coturnix	coturnix	Quail	BCM	ENZ	ACHE	NOEL			31 d			75			mg/kg bdwt	52202

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Crassostrea	gigas	Pacific oyster	BCM	ENZ	CTLS	NOEC	LOEC		1 d			0.066		0.228	mg/L	76793
Malathion	Crassostrea	gigas	Pacific oyster	BCM	ENZ	GSTR	NOEC			1 d			0.228			mg/L	76793
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	NOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	ENZ	PODA	LOEC			4 d			0.007			ml/L	89093
Malathion	Ictalurus	furcatus	Blue catfish	BCM	ENZ	ACHE	IC50			4 d			8.5			mg/L	112921
Malathion	Ictalurus	furcatus	Blue catfish	BCM	ENZ	ACHE	LOAEL			4 d			5			mg/L	112921
Malathion	Ictalurus	furcatus	Blue catfish	BCM	ENZ	BCHE	IC50			4 d			10.3			mg/L	112921
Malathion	Ictalurus	furcatus	Blue catfish	BCM	ENZ	BCHE	IC50			4 d			16.6			mg/L	112921
Malathion	Mus	musculus	House mouse	BCM	ENZ	PNAD	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	NDMT	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	NDMT	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	P450	NOEL			3 d			100			mg/kg bdwt	92612
Malathion	Mus	musculus	House mouse	BCM	ENZ	GSTR	NOEL			4 d			100			mg/kg bdwt	92613
Malathion	Mus	musculus	House mouse	BCM	ENZ	GSTR	NOEL			4 d			100			mg/kg bdwt	92613
Malathion	Cirrhinus	mrigala	Carp, hawk fish	BCM	ENZ	ACHE	LOAEL			5 d			1.5			mg/L	118383
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	BCM	ENZ	ACHE	LOAEL			2 d			0.06115			mg/L	10519
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.125 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.25 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.5 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			4.17E-02 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			4.17E-02 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.125 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.5 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			1 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			1 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.5 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.25 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			1 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.25 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOEL			0.125 d			340			mg/kg bdwt	36922
Malathion	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL			90 d			35.625			ppm	117035

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	ANAE	NOEL			3 d			0.16			ppm	89109
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	GSTR	NOEL			3 d			0.16			ppm	89109
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	ANAE	LOEL			3 d			0.16			ppm	89109
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	ACHE	NOEL			3 d			0.16			ppm	89109
Malathion	Apis	mellifera	Honey bee	BCM	ENZ	EPHY	NOEL			3 d			0.16			ppm	89109
Malathion	Labeo	rohita	Rohu	BCM	ENZ	PRTS	LOAEL			5 d			0.45			mg/L	117888
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			252 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			56 d			100			ppm	38417
Malathion	Plethodon	glutinosus	Slimy Salamander	BEH	FDB	STRK	NOAEL		<=	43 d			3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BEH	FDB	STRK	NOAEL			25 d			5.1129			kg/ha	40014
Malathion	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL			90 d			6.51			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			252 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	BEH	FDB	FCNS	NOAEL			56 d			100			ppm	38417
Malathion	Plethodon	glutinosus	Slimy Salamander	BEH	FDB	STRK	NOAEL		<=	43 d			3.192			kg/ha	40014
Malathion	Plethodon	cinereus	Eastern Red Backed Salamander	BEH	FDB	STRK	NOAEL			25 d			5.1129			kg/ha	40014
Malathion	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL			90 d			6.51			ppm	89273
Malathion	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	DNAC	LOAEL			2 d			2			mg/L	13476
Malathion	Mus	musculus	House mouse	CEL	GEN	BRAK	NOAEL	LOAEL		1 d			109.825		219.65	mg/kg bdwt	89108
Malathion	Tradescantia	sp.	Spiderwort	CEL	GEN	MNUC	NOAEL			7 d			0.217			AI %	90669
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL			15 d			9.9			mg/kg bdwt	74873
Malathion	Channa	punctata	Snake-head catfish	CEL	GEN	DNAC	LOAEL			30 d			4			mg/L	89371
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	MITI	LOAEL			0.5 d			0.69			mg/L	13920
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	MITI	LOAEL			0.5 d			0.69			mg/L	13920
Malathion	Mesocricetus	auratus	Golden hamster	CEL	GEN	CABR	NOAEL	LOAEL		1 d			1200		2400	mg/kg bdwt	90770
Malathion	Mus	musculus	House mouse	CEL	GEN	MITI	NOAEL	LOAEL		12 d			500		1000	ppm	89186
Malathion	Mus	musculus	House mouse	CEL	GEN	GGEN	LOAEL			13 d			250			ppm	89186
Malathion	Rattus	norvegicus	Norway rat	CEL	GEN	DNAC	NOAEL	LOAEL		1 d			250		500	mg/kg bdwt	89152
Malathion	Cyprinus	carpio	common carp	CEL	GEN	MEIA	LOAEL			1.5 d			0.05			mg/L	91099
Malathion	Channa	punctata	Snake-head catfish	CEL	GEN	RNAC	LOAEL			4 d			2.5			mg/L	89754
Malathion	Labeo	rohita	Rohu	CEL	GEN	MNUC	LOAEL			1.25 d			0.05			%	89312
Malathion	Mus	musculus	House mouse	CEL	GEN	MIMT	LOAEL			10 d			1			ul/kg	75126
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			10 d			5			mg/kg bdwt	89576
Malathion	Allium	cepa	Common onion	CEL	GEN	MITI	LOAEL			1 d			5			ppm	89576
Malathion	Allium	cepa	Common onion	CEL	GEN	CABR	LOAEL			1 d			5			ppm	89576
Malathion	Mus	musculus	House mouse	CEL	GEN	MEIX	LOAEL			10 d			0.0001			mg/kg bdwt	75127
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			28 d			250			AI mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			12 d			400			AI mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			1.666666667 d			600			AI mg/kg bdwt/d	89165

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Allium	cepa	Common onion	CEL	GEN	CABR	LOAEL			4.17E-02	d		0.0000001			%	90621
Malathion	Sparus	aurata	Gilthead Seabream	CEL	GEN	DAMG	NOAEL			7	d		6.38			mg/kg bdwt	60863
Malathion	Nostoc	calicicola	Blue-green algae	CEL	GEN	MUTA	NOAEL			2.08E-02	d		200			mg/L	89877
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL	LOAEL		42	d		14.2956		23.826	ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			42	d		4.7652			ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL			84	d		23.826			ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		5			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2.5			mg/kg bdwt	88996
Malathion	Colpoda	inflata	Soil ciliate	CEL	GEN	DAMG	LOAEL			8.33E-02	d		0.0000024			v/v	88378
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	DNAC	LOAEL			2	d		2			mg/L	13476
Malathion	Mus	musculus	House mouse	CEL	GEN	BRAK	NOAEL	LOAEL		1	d		109.825		219.65	mg/kg bdwt	89108
Malathion	Tradescantia	sp.	Spiderwort	CEL	GEN	MNUC	NOAEL			7	d		0.217			AI %	90669
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL			15	d		9.9			mg/kg bdwt	74873
Malathion	Channa	punctata	Snake-head catfish	CEL	GEN	DNAC	LOAEL			30	d		4			mg/L	89371
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	MITI	LOAEL			0.5	d		0.69			mg/L	13920
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	CEL	GEN	MITI	LOAEL			0.5	d		0.69			mg/L	13920
Malathion	Mesocricetus	auratus	Golden hamster	CEL	GEN	CABR	NOAEL	LOAEL		1	d		1200		2400	mg/kg bdwt	90770
Malathion	Mus	musculus	House mouse	CEL	GEN	MITI	NOAEL	LOAEL		12	d		500		1000	ppm	89186
Malathion	Mus	musculus	House mouse	CEL	GEN	GGEN	LOAEL			13	d		250			ppm	89186
Malathion	Rattus	norvegicus	Norway rat	CEL	GEN	DNAC	NOAEL	LOAEL		1	d		250		500	mg/kg bdwt	89152
Malathion	Cyprinus	carpio	common carp	CEL	GEN	MEIA	LOAEL			1.5	d		0.05			mg/L	91099
Malathion	Channa	punctata	Snake-head catfish	CEL	GEN	RNAC	LOAEL			4	d		2.5			mg/L	89754
Malathion	Labeo	rohita	Rohu	CEL	GEN	MNUC	LOAEL			1.25	d		0.05			%	89312
Malathion	Mus	musculus	House mouse	CEL	GEN	MIMT	LOAEL			10	d		1			ul/kg	75126
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			10	d		5			mg/kg bdwt	89576
Malathion	Allium	cepa	Common onion	CEL	GEN	MITI	LOAEL			1	d		5			ppm	89576
Malathion	Allium	cepa	Common onion	CEL	GEN	CABR	LOAEL			1	d		5			ppm	89576
Malathion	Mus	musculus	House mouse	CEL	GEN	MEIX	LOAEL			10	d		0.0001			mg/kg bdwt	75127
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			28	d		250			AI mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			12	d		400			AI mg/kg bdwt/d	89165
Malathion	Gallus	domesticus	Domestic Chicken	CEL	GEN	DNAC	NOAEL			1.666666667	d		600			AI mg/kg bdwt/d	89165
Malathion	Allium	cepa	Common onion	CEL	GEN	CABR	LOAEL			4.17E-02	d		0.0000001			%	90621
Malathion	Sparus	aurata	Gilthead Seabream	CEL	GEN	DAMG	NOAEL			7	d		6.38			mg/kg bdwt	60863
Malathion	Nostoc	calicicola	Blue-green algae	CEL	GEN	MUTA	NOAEL			2.08E-02	d		200			mg/L	89877
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL	LOAEL		42	d		14.2956		23.826	ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			42	d		4.7652			ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL			84	d		23.826			ppm	69250
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		5			mg/kg bdwt	88996
Malathion	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL			1	d		2.5			mg/kg bdwt	88996
Malathion	Colpoda	inflata	Soil ciliate	CEL	GEN	DAMG	LOAEL			8.33E-02	d		0.0000024			v/v	88378

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Allium	cepa	Common onion	CEL	GEN	BRAK	NOAEL	LOAEL		1 d			52.5		55	ppm	51255
Malathion	Mus	musculus	House mouse	CEL	GEN	BRAK	NOAEL	LOAEL		1 d			1		1.5	mg/kg bdwt	51255
Malathion	Drosophila	melanogaster	Fruit fly	CEL	GEN	XLRL	NOAEL	LOAEL		em			3.5		4	ppm	51255
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	GAIN	NOAEL			28 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	GAIN	NOAEL	LOAEL		252 d			237.5		475	ppm	37706
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			17 d			300			mg/kg bdwt	88908
Malathion	Papaver	bracteatum	Oriental Poppy	GRO	GRO	WGHT	NOAEL		>=	77 d			1			Tbsp/gal	90895
Malathion	Channa	punctata	Snake-head catfish	GRO	GRO	WGHT	NOAEL			15 d			0.5			mg/L	14673
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	NOEL			3.47E-04 d			1.4			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	NOEL			3.47E-04 d			12.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	LOEL			3.47E-04 d			14			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10			7 d			5.8			ppm	66427
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10			7 d			20.9			ppm	66427
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50			7 d			32			ppm	66427
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50			7 d			130.6			ppm	66427
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL			180 d			0.99			ppm	84764
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL			20 d			50			mg/kg bdwt	86940
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			56 d			100			ppm	38417
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL			14 d			1950			ppm	91913
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL	LOAEL		90 d			400		800	ppm	89120
Malathion	Gossypium	hirsutum	Cotton	GRO	GRO	GGRO	NOAEL			126 d			0.82			Al lb/acre	88773
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Raphanus	raphanistrum	Jointed charlock	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Chenopodium	album	Lamb's-quarters	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Plantago	lanceolata	narrowleaf plantain	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Capsella	bursa-pastoris	Shepherd's-purse	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL	LOAEL		90 d			400		800	ppm	90699
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL			90 d			10			ppm	74457
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d		~	0.09			mg/L	66506
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			105 d			280			ppm/d	89875
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			1 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			2 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			3 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d			0.9			mg/L	89592
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			6.51			ppm	89273
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d			14.25			uM	88912
Malathion	Phaseolus	lunatus	Lima bean	GRO	GRO	NODE	NOAEL			28 d			11.7			ml/L	70497
Malathion	Glycine	max	Soybean	GRO	GRO	NODE	NOAEL			28 d			11.7			ml/L	70497
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL		14 d			880		1760	mg/kg bdwt	87869

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			75 d			7			ppm	90633
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Phasianus	colchicus	ring-necked pheasant	GRO	GRO	WGHT	NOAEL			3 d			218.5			mg/kg bdwt	63276
Malathion	Spirodela	polyrhiza	Large duckweed	GRO	GRO	BMAS	NOAEL			7 d			24.065			mg/L	54278
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			14 d			5			ppm	89387
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	GRO	BMAS	LOAEL			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	GRO	GRO	SIZE	NOAEL			730 d			585			g/ha	89113
Malathion	Alectoris	rufa	Red-legged partridge	GRO	GRO	WGHT	NOAEL			1 d			600000			ppm	40317
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			21 d			0.0285			mg/org	81333
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			105 d			100			ug/d	88955
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			6 d			1			umol	89017
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			11 d			1			umol	89017
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	GRO	LGTH	NOAEL	LOAEL		5 d			1.225		2.45	mg/L	88998
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	GRO	LGTH	NOAEL	LOAEL		5 d			0.6174		1.225	mg/L	65919
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			30 d			90			mg/kg bdwt	90644
Malathion	Bufo	americanus	American toad	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	catesbeiana	Bullfrog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	clamitans	Green frog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	piplens	Leopard frog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Hyla	versicolor	Gray tree frog	GRO	GRO	GAIN	NOAEL			16 d			2			mg/L	86767
Malathion	Sciaenops	ocellatus	Red drum	GRO	GRO	GRRT	NOAEL			9 d			0.00742			mg/L	81672
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	NGAN	NOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Tilapia	nilotica	Nile tilapia	GRO	GRO	SPGR	LOAEL			168 d			0.5			mg/L	92183
Malathion	Pseudokirchneriella	subcapitata	Green algae	GRO	GRO	DNSY	NOEC			2 d			1.2			mg/L	85816
Malathion	Pseudokirchneriella	subcapitata	Green algae	GRO	GRO	DNSY	EC50			2 d			2.32			mg/L	85816
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	GAIN	NOAEL			28 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	GAIN	NOAEL	LOAEL		252 d			237.5		475	ppm	37706
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			17 d			300			mg/kg bdwt	88908
Malathion	Papaver	bracteatum	Oriental Poppy	GRO	GRO	WGHT	NOAEL		>=	77 d			1			Tbsp/gal	90895
Malathion	Channa	punctata	Snake-head catfish	GRO	GRO	WGHT	NOAEL			15 d			0.5			mg/L	14673
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	NOEL			3.47E-04 d			1.4			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	NOEL			3.47E-04 d			12.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	LOEL			3.47E-04 d			14			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		GRO	WGHT	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10			7 d			5.8			ppm	66427
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10			7 d			20.9			ppm	66427
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50			7 d			32			ppm	66427

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50			7 d			130.6			ppm	66427
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL			180 d			0.99			ppm	84764
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL			20 d			50			mg/kg bdwt	86940
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL			56 d			100			ppm	38417
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL			14 d			1950			ppm	91913
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL	LOAEL		90 d			400		800	ppm	89120
Malathion	Gossypium	hirsutum	Cotton	GRO	GRO	GGRO	NOAEL			126 d			0.82			lb/acre	88773
Malathion	Lotus	corniculatus	Birdsfoot trefoil	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Raphanus	raphanistrum	Jointed charlock	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Chenopodium	album	Lamb's-quarters	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Plantago	lanceolata	arrowleaf plantain	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Capsella	bursa-pastoris	Shepherd's-purse	GRO	GRO	HGHT	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL	LOAEL		90 d			400		800	ppm	90699
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL			90 d			10			ppm	74457
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d		~	0.09			mg/L	66506
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			105 d			280			ppm/d	89875
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			1 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			2 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			3 d			4.5			mg/L	89592
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d			0.9			mg/L	89592
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			90 d			6.51			ppm	89273
Malathion	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			4 d			14.25			uM	88912
Malathion	Phaseolus	lunatus	Lima bean	GRO	GRO	NODE	NOAEL			28 d			11.7			ml/L	70497
Malathion	Glycine	max	Soybean	GRO	GRO	NODE	NOAEL			28 d			11.7			ml/L	70497
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL		14 d			880		1760	mg/kg bdwt	87869
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			75 d			7			ppm	90633
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	GRO	GRO	VGOR	NOAEL			7 d			3			g/kg sd	90442
Malathion	Phasianus	colchicus	ring-necked pheasant	GRO	GRO	WGHT	NOAEL			3 d			218.5			mg/kg bdwt	63276
Malathion	Spirodela	polyrhiza	Large duckweed	GRO	GRO	BMAS	NOAEL			7 d			24.065			mg/L	54278
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			14 d			5			ppm	89387
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	GRO	BMAS	LOAEL			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	GRO	GRO	SIZE	NOAEL			730 d			585			g/ha	89113
Malathion	Alectoris	rufa	Red-legged partridge	GRO	GRO	WGHT	NOAEL			1 d			600000			ppm	40317
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			21 d			0.0285			mg/org	81333

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			105 d			100			ug/d	88955
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			6 d			1			umol	89017
Malathion	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	LOAEL			11 d			1			umol	89017
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	GRO	LGTH	NOAEL	LOAEL		5 d			1.225		2.45	mg/L	88998
Malathion	Clarias	gariepinus	Zambezi barbel	GRO	GRO	LGTH	NOAEL	LOAEL		5 d			0.6174		1.225	mg/L	65919
Malathion	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			30 d			90			mg/kg bdwt	90644
Malathion	Bufo	americanus	American toad	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	catesbeiana	Bullfrog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	clamitans	Green frog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Rana	piplens	Leopard frog	GRO	GRO	GAIN	LOAEL			16 d			1			mg/L	86767
Malathion	Hyla	versicolor	Gray tree frog	GRO	GRO	GAIN	NOAEL			16 d			2			mg/L	86767
Malathion	Sciaenops	ocellatus	Red drum	GRO	GRO	GRRT	NOAEL			9 d			0.00742			mg/L	81672
Malathion	Rattus	norvegicus	Norway rat	GRO	GRO	NGAN	NOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Tilapia	nilotica	Nile tilapia	GRO	GRO	SPGR	LOAEL			168 d			0.5			mg/L	92183
Malathion	Pseudokirchneriella	subcapitata	Green algae	GRO	GRO	DNSY	NOEC			2 d			1.2			mg/L	85816
Malathion	Pseudokirchneriella	subcapitata	Green algae	GRO	GRO	DNSY	EC50			2 d			2.32			mg/L	85816
Malathion	Rana	piplens	Leopard frog	GRO	GRO	WGHT	LOAEL			78 d						mg/L	118292
Malathion	Rana	piplens	Leopard frog	GRO	GRO	WGHT	NOAEL	LOAEL		78 d			0.04		0.3	mg/L	118292
Malathion	Rana	piplens	Leopard frog	GRO	GRO	WGHT	NOAEL	LOAEL		51 d			0.032		0.19	mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	GRO	WGHT	NOAEL			78 d						mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	GRO	WGHT	NOAEL			78 d			0.3			mg/L	118292
Malathion	Rana	sylvatica	Wood frog	GRO	GRO	WGHT	NOAEL			51 d			0.19			mg/L	118292
Malathion	NR	Helisoma trivolvis	NR	GRO	GRO	GAIN	NOAEL			28 d			0.0096			mg/L	112912
Malathion	Hyla	chrysocelis	Southern grey tree frog	GRO	GRO	WGHT	NOAEL			32 d			0.5			mg/L	115418
Malathion	Triticum	aestivum	Bread wheat	GRO	GRO	COND	NOAEL			73 d			1.2488			lb/acre	112232
Malathion	NR	Gastropoda	Snails/limpets class	GRO	GRO	BMAS	NOAEL			21 d			0.46			mg/L	118388
Malathion	NR	Anura	Frog and toad order	GRO	GRO	BMAS	LOAEL			21 d			0.14			mg/L	118388
Malathion	Rana	piplens	Leopard frog	GRO	GRO	WGHT	LOAEL			21 d			0.14			mg/L	118388
Malathion	Mus	musculus	House mouse	GRO	GRO	GAIN	NOAEL			7 d			10			%	118162
Malathion	Vigna	unguiculata	Black-eyed pea	GRO	GRO	SIZE	NOAEL			hv			0.1			%	107408
Malathion	Tubifex	tubifex	Tubificid worm	CEL	HIS	SWEL	LOAEL			5 d			1			mg/L	90779
Malathion	Tubifex	tubifex	Tubificid worm	CEL	HIS	SWEL	LOAEL			5 d			1			mg/L	90779
Malathion	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			742 d			4000			ppm	88910
Malathion	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			763 d			4699			ppm	88910
Malathion	Mus	musculus	House mouse	CEL	HIS	ATPH	LOAEL			658 d			8000			ppm	88910
Malathion	Phasianus	colchicus	ring-necked pheasant	CEL	HIS	RCVL	NOAEL	LOAEL		3 d			87.4		218.5	mg/kg bdwt	63276
Malathion	Clarias	gariepinus	Zambezi barbel	CEL	HIS	BLSS	NOAEL	LOAEL		5 d			2.45			mg/L	88998
Malathion	Mus	musculus	House mouse	CEL	HIS	GHIS	LOAEL			20 d			8000			mg/kg bdwt	51311
Malathion	Clarias	gariepinus	Zambezi barbel	CEL	HIS	EDMA	NOAEL	LOAEL		5 d			0.6174		1.225	mg/L	65919
Malathion	Colpoda	inflata	Soil ciliate	CEL	HIS	CSTS	NOAEL			0.25 d			0.0000024			v/v	88378
Malathion	Tubifex	tubifex	Tubificid worm	CEL	HIS	SWEL	LOAEL			5 d			1			mg/L	90779
Malathion	Tubifex	tubifex	Tubificid worm	CEL	HIS	SWEL	LOAEL			5 d			1			mg/L	90779
Malathion	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			742 d			4000			ppm	88910

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			763 d			4699			ppm	88910
Malathion	Mus	musculus	House mouse	CEL	HIS	ATPH	LOAEL			658 d			8000			ppm	88910
Malathion	Phasianus	colchicus	ring-necked pheasant	CEL	HIS	RCVL	NOAEL	LOAEL		3 d			87.4		218.5	mg/kg bdwt	63276
Malathion	Clarias	gariepinus	Zambezi barbel	CEL	HIS	BLSS	NOAEL	LOAEL		5 d			2.45		4.9	mg/L	88998
Malathion	Mus	musculus	House mouse	CEL	HIS	GHIS	LOAEL			20 d			8000			mg/kg bdwt	51311
Malathion	Clarias	gariepinus	Zambezi barbel	CEL	HIS	EDMA	NOAEL	LOAEL		5 d			0.6174		1.225	mg/L	65919
Malathion	Colpoda	inflata	Soil ciliate	CEL	HIS	CSTS	NOAEL			0.25 d			0.0000024			v/v	88378
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	CORT	LOAEL			8.33E-02 d			170			mg/kg bdwt	89292
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	PRGS	LOAEL			7 d			115			mg/kg bdwt	89182
Malathion	Gallus	sp.	Chicken	BCM	HRM	CORT	LOAEL			30 d			75			mg/kg bdwt	90624
Malathion	Ovis	aries	Domestic Sheep	BCM	HRM	THYR	LOAEL			30 d			20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	HRM	THYR	LOAEL			60 d			20			ppm	90618
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			4 d			0.007			ml/L	89093
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	ALDS	NOAEL			105 d			94			mg/kg bdwt	89195
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	TRII	LOAEL			21 d			0.0285			mg/org	81333
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		28 d			100		200	ppm	89048
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		4.17E-02 d			3		15	mg/kg bdwt	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		28 d			100		200	ppm	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	LOAEL			28 d			100			ppm	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	CORT	LOAEL			8.33E-02 d			170			mg/kg bdwt	89292
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	PRGS	LOAEL			7 d			115			mg/kg bdwt	89182
Malathion	Gallus	sp.	Chicken	BCM	HRM	CORT	LOAEL			30 d			75			mg/kg bdwt	90624
Malathion	Ovis	aries	Domestic Sheep	BCM	HRM	THYR	LOAEL			30 d			20			ppm	90618
Malathion	Ovis	aries	Domestic Sheep	BCM	HRM	THYR	LOAEL			60 d			20			ppm	90618
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOAEL			4 d			0.007			ml/L	89093
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	ALDS	NOAEL			105 d			94			mg/kg bdwt	89195
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	TRII	LOAEL			21 d			0.0285			mg/org	81333
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		28 d			100		200	ppm	89048
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		4.17E-02 d			3		15	mg/kg bdwt	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	NOAEL	LOAEL		28 d			100		200	ppm	89414
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	INSL	LOAEL			28 d			100			ppm	89414
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	NOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			16 d			0.0035			ml/L	89093

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	4TO3	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	NOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	NOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	NOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	NOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			16 d			0.0035			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	T3T4	LOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	TRII	NOEC			4 d			0.007			ml/L	89093
Malathion	Clarias	batrachus	Walking catfish	BCM	HRM	THYR	LOEC			4 d			0.007			ml/L	89093
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	ESDL	NOEL			7 d			230			mg/kg bdwt	89182
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	THYR	LOEL			21 d			0.0342			mg/org	81333
Malathion	Rattus	norvegicus	Norway rat	BCM	HRM	TSHT	LOEL			21 d			0.0342			mg/org	81333

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	PHY	IMM	DHYP	NOAEL			2 d			177600			ppm	36303
Malathion	Mus	musculus	House mouse	PHY	IMM	DHYP	NOAEL			29 d			177600			ppm	36303
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	LKMA	LOAEL			742 d			4000			ppm	88910
Malathion	Mus	musculus	House mouse	PHY	IMM	HMLR	LOAEL			11 d			180			mg/kg bdwt	75357
Malathion	Mus	musculus	House mouse	PHY	IMM	PFCR	LOAEL			14 d			180			mg/kg bdwt	75357
Malathion	Mus	musculus	House mouse	PHY	IMM	MCPG	NOAEL			7 d			200			mg/kg bdwt	87655
Malathion	Mus	musculus	House mouse	PHY	IMM	GIMM	NOAEL			27 d			4.24			%	89141
Malathion	Ictalurus	punctatus	Channel catfish	PHY	IMM	ABDT	NOAEL	LOAEL		30 d			0.5		1.75	mg/L	89134
Malathion	Gallus	domesticus	Domestic Chicken	PHY	IMM	ABDT	LOAEL			10 d			22.6			mg/kg bdwt	90659
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	LOAEL			14 d			0.015625			ml/kg bdwt	89116
Malathion	Gallus	domesticus	Domestic Chicken	PHY	IMM	GIMM	LOAEL			7 d			5			ppm	89387
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	LOAEL			31 d			0.00390625			ppm	50842
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Mus	musculus	House mouse	PHY	IMM	RBST	NOAEL	LOAEL		14 d			0.1		1	mg/kg bdwt	89047
Malathion	Mus	musculus	House mouse	PHY	IMM	RBST	LOAEL			90 d			0.0999			mg/kg bdwt	89045
Malathion	Oryctolagus	cuniculus	European Rabbit	PHY	IMM	ABDT	NOAEL			91 d			2.5			mg/kg bdwt	90630
Malathion	Mus	musculus	House mouse	PHY	IMM	MCPG	NOAEL	LOAEL		21 d			50		100	ppm	90630
Malathion	Bufo	woodhousei	Woodhouse's Toad	PHY	IMM	GIMM	LOAEL			30 d			1.0615			ppm	89016
Malathion	Tilapia	nilotica	Nile tilapia	PHY	IMM	MCPG	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	PHY	IMM	MCPG	NOAEL			30 d			0.116			%	84380
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	IMM	PFCR	LOAEL			14 d			0.1996			mg/L	59285
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	IMM	GIMM	LOAEL			14 d			0.1996			mg/L	59285
Malathion	Cirrhinus	mrigala	Carp, hawk fish	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Catla	catla	Catla	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Labeo	rohita	Rohu	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Mus	musculus	House mouse	PHY	IMM	LYMP	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PFCR	LOAEL			30 d			0.009			mg/kg bdwt	90644
Malathion	Cyprinus	carpio	common carp	PHY	IMM	ABDT	LOAEL			7 d			5			mg/L	89184
Malathion	Cyprinus	carpio	common carp	PHY	IMM	ABDT	LOAEL			7.5 d			5			mg/L	89184
Malathion	Rana	pipiens	Leopard frog	PHY	IMM	HMLR	LOAEL			14 d			0.99			mg/kg bdwt	68828
Malathion	Homarus	americanus	American lobster	PHY	IMM	PHAG	LOAEL			21 d			0.005			mg/L	73331
Malathion	Homarus	americanus	American lobster	PHY	IMM	PHAG	NOAEL			5 d			0.046			mg/L	73331
Malathion	Mus	musculus	House mouse	PHY	IMM	DHYP	NOAEL			2 d			177600			ppm	36303
Malathion	Mus	musculus	House mouse	PHY	IMM	DHYP	NOAEL			29 d			177600			ppm	36303
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	LKMA	LOAEL			742 d			4000			ppm	88910
Malathion	Mus	musculus	House mouse	PHY	IMM	HMLR	LOAEL			11 d			180			mg/kg bdwt	75357
Malathion	Mus	musculus	House mouse	PHY	IMM	PFCR	LOAEL			14 d			180			mg/kg bdwt	75357
Malathion	Mus	musculus	House mouse	PHY	IMM	MCPG	NOAEL			7 d			200			mg/kg bdwt	87655
Malathion	Mus	musculus	House mouse	PHY	IMM	GIMM	NOAEL			27 d			4.24			%	89141

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Ictalurus	punctatus	Channel catfish	PHY	IMM	ABDT	NOAEL	LOAEL		30 d			0.5		1.75	mg/L	89134
Malathion	Gallus	domesticus	Domestic Chicken	PHY	IMM	ABDT	LOAEL			10 d			22.6			mg/kg bdwt	90659
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	LOAEL			14 d			0.015625			ml/kg bdwt	89116
Malathion	Gallus	domesticus	Domestic Chicken	PHY	IMM	GIMM	LOAEL			7 d			5			ppm	89387
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			0.75 d		>=	450			mg/kg bdwt	89551
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	LOAEL			31 d			0.00390625			ppm	50842
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Rattus	norvegicus	Norway rat	PHY	IMM	ABDT	LOAEL			3 d			600			mg/kg bdwt	89128
Malathion	Mus	musculus	House mouse	PHY	IMM	RBST	NOAEL	LOAEL		14 d			0.1		1	mg/kg bdwt	89047
Malathion	Mus	musculus	House mouse	PHY	IMM	RBST	LOAEL			90 d			0.0999			mg/kg bdwt	89045
Malathion	Oryctolagus	cuniculus	European Rabbit	PHY	IMM	ABDT	NOAEL			91 d			2.5			mg/kg bdwt	90630
Malathion	Mus	musculus	House mouse	PHY	IMM	MCPG	NOAEL	LOAEL		21 d			50		100	ppm	90630
Malathion	Bufo	woodhousei	Woodhouse's Toad	PHY	IMM	GIMM	LOAEL			30 d			1.0615			ppm	89016
Malathion	Tilapia	nilotica	Nile tilapia	PHY	IMM	MCPG	LOAEL			30 d			0.116			%	84380
Malathion	Tilapia	nilotica	Nile tilapia	PHY	IMM	MCPG	NOAEL			30 d			0.116			%	84380
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	IMM	PFCR	LOAEL			14 d			0.1996			mg/L	59285
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	IMM	GIMM	LOAEL			14 d			0.1996			mg/L	59285
Malathion	Cirrhinus	mrigala	Carp, hawk fish	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Catla	catla	Catla	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Labeo	rohita	Rohu	PHY	IMM	ABDT	LOAEL			30 d			0.25			mg/L	89197
Malathion	Mus	musculus	House mouse	PHY	IMM	LYMP	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PHAG	LOAEL			30 d			20			mg/kg bdwt	89405
Malathion	Mus	musculus	House mouse	PHY	IMM	PFCR	LOAEL			30 d			0.009			mg/kg bdwt	90644
Malathion	Cyprinus	carpio	common carp	PHY	IMM	ABDT	LOAEL			7 d			5			mg/L	89184
Malathion	Cyprinus	carpio	common carp	PHY	IMM	ABDT	LOAEL			7.5 d			5			mg/L	89184
Malathion	Rana	piplens	Leopard frog	PHY	IMM	HMRL	LOAEL			14 d			0.99			mg/kg bdwt	68828
Malathion	Homarus	americanus	American lobster	PHY	IMM	PHAG	LOAEL			21 d			0.005			mg/L	73331
Malathion	Homarus	americanus	American lobster	PHY	IMM	PHAG	NOAEL			5 d			0.046			mg/L	73331
Malathion	Rana	clamitans	Green frog	PHY	IMM	PRNF	LOAEL			15 d			0.0096			mg/L	112912
Malathion	Rana	palustris	Pickeral frog	PHY	IMM	PRNF	NOAEL	LOAEL		49 d			0.0145		0.062	mg/L	107375
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	LOEL			36 d			0.00390625			ppm	50842
Malathion	Mus	musculus	House mouse	PHY	IMM	PRNF	NOEL	LOEL		26 d			0.00390625		0.015625	ppm	50842
Malathion	Lagenaria	siceraria	Bottle gourd	PHY	INJ	GINJ	NOAEL			7 d			0.03			%	41604
Malathion	Cucumis	sativus	Cucumber	PHY	INJ	GINJ	NOAEL			7 d			0.03			%	41604
Malathion	Citrullus	lanatus	Watermelon	PHY	INJ	GINJ	NOAEL			7 d			0.03			%	41604
Malathion	Lagenaria	siceraria	Bottle gourd	PHY	INJ	GINJ	NOAEL			7 d			0.04			%	41604
Malathion	Cucumis	sativus	Cucumber	PHY	INJ	GINJ	NOAEL			7 d			0.04			%	41604
Malathion	Citrullus	lanatus	Watermelon	PHY	INJ	GINJ	NOAEL			7 d			0.04			%	41604
Malathion	Mus	musculus	House mouse	PHY	INJ	TUMR	NOAEL	LOAEL		665 d			8000		16000	ppm	90648
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			791 d			8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			791 d			8150			ppm	90648
Malathion	Mus	musculus	House mouse	PHY	INJ	TUMR	NOAEL			665 d			16000			ppm	90648

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL	LOAEL		735	d		2032.8		4055.6	ppm	91065
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			735	d		4055.3			ppm	91065
Malathion	Vaccinium	angustifolium	Lowbush blueberry	PHY	INJ	DAMG	NOAEL			30	d		1			lb/acre	89227
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Cenchrus	setigerus	Cow Sandbur	PHY	INJ	DAMG	LOAEL			35	d		0.075			%	79025
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Lagenaria	siceraria	Bottle gourd	PHY	INJ	GINJ	NOAEL			7	d		0.03			%	41604
Malathion	Cucumis	sativus	Cucumber	PHY	INJ	GINJ	NOAEL			7	d		0.03			%	41604
Malathion	Citrullus	lanatus	Watermelon	PHY	INJ	GINJ	NOAEL			7	d		0.03			%	41604
Malathion	Lagenaria	siceraria	Bottle gourd	PHY	INJ	GINJ	NOAEL			7	d		0.04			%	41604
Malathion	Cucumis	sativus	Cucumber	PHY	INJ	GINJ	NOAEL			7	d		0.04			%	41604
Malathion	Citrullus	lanatus	Watermelon	PHY	INJ	GINJ	NOAEL			7	d		0.04			%	41604
Malathion	Mus	musculus	House mouse	PHY	INJ	TUMR	NOAEL	LOAEL		665	d		8000		16000	ppm	90648
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			791	d		8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			791	d		8150			ppm	90648
Malathion	Mus	musculus	House mouse	PHY	INJ	TUMR	NOAEL			665	d		16000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL	LOAEL		735	d		2032.8		4055.6	ppm	91065
Malathion	Rattus	norvegicus	Norway rat	PHY	INJ	TUMR	NOAEL			735	d		4055.3			ppm	91065
Malathion	Vaccinium	angustifolium	Lowbush blueberry	PHY	INJ	DAMG	NOAEL			30	d		1			lb/acre	89227
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	PHY	INJ	DAMG	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Cenchrus	setigerus	Cow Sandbur	PHY	INJ	DAMG	LOAEL			35	d		0.075			%	79025
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	PHY	INJ	GINJ	NOAEL			14	d		1.1596			lb/acre	64055
Malathion	Chironomus	sp.	Midge		ITX	IMBL	EC50			1	d		0.0021			mg/L	2899
Malathion	Anopheles	freeborni	Mosquito		ITX	IMBL	LC50			1	d		0.079			mg/L	3660
Malathion	Anopheles	freeborni	Mosquito		ITX	IMBL	LC50			1	d		0.13			mg/L	3660
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			1	d		0.002			mg/L	6267
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1	d		0.000098			mg/L	5539
Malathion	Cyprretta	kawatai	Ostracod		ITX	IMBL	EC50			3	d		0.08514			mg/L	7796
Malathion	Cyprretta	kawatai	Ostracod		ITX	IMBL	EC50			1	d		0.45441			mg/L	7796
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			3	d		2.475			mg/L	7796
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			1	d		29.7			mg/L	7796
Malathion	Daphnia	carinata	Water flea		ITX	IMBL	EC50			2	d		0.1			mg/L	5194

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Daphnia	carinata	Water flea		ITX	IMBL	EC50			1 d			0.2			mg/L	5194
Malathion	Cancer	magister	Dungeness or edible crab		ITX	IMBL	EC50			4 d			0.0004			mg/L	6793
Malathion	Chironomus	riparius	Midge		ITX	IMBL	EC50			1 d			0.0019			mg/L	6830
Malathion	Daphnia	magna	Water flea		ITX	IMBL	NOEC			21 d			0.00015			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			21 d			0.00034			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			21 d			0.00038			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0016			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0017			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0021			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0022			mg/L	6449
Malathion	Mus	musculus	House mouse	PHY	ITX	CONV	LOAEL		>=	15 d			40			mg/kg bdwt	89189
Malathion	Mus	musculus	House mouse	PHY	ITX	CONV	LOAEL		>=	5.69E-03 d			100			mg/kg bdwt	89189
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			8.33E-02 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			0.166666667 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			0.25 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			0.000145			uM	7026
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			8E-15			uM	7026
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			0.0000538			uM	7026
Malathion	Chironomus	riparius	Midge		ITX	IMBL	EC20			4.17E-02 d			0.032			mg/L	18412
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			2 d			0.0014			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			1 d			0.0015			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			2 d			0.0005			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			1 d			0.0014			mg/L	67777
Malathion	Chironomus	sp.	Midge		ITX	IMBL	EC50			1 d			0.0021			mg/L	2899
Malathion	Anopheles	freeborni	Mosquito		ITX	IMBL	LC50			1 d			0.079			mg/L	3660
Malathion	Anopheles	freeborni	Mosquito		ITX	IMBL	LC50			1 d			0.13			mg/L	3660
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			1 d			0.002			mg/L	6267
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			0.000098			mg/L	5539
Malathion	Cypretta	kawatai	Ostracod		ITX	IMBL	EC50			3 d			0.08514			mg/L	7796
Malathion	Cypretta	kawatai	Ostracod		ITX	IMBL	EC50			1 d			0.45441			mg/L	7796
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			3 d			2.475			mg/L	7796
Malathion	Chironomus	tentans	Midge		ITX	IMBL	EC50			1 d			29.7			mg/L	7796
Malathion	Daphnia	carinata	Water flea		ITX	IMBL	EC50			2 d			0.1			mg/L	5194
Malathion	Daphnia	carinata	Water flea		ITX	IMBL	EC50			1 d			0.2			mg/L	5194
Malathion	Cancer	magister	Dungeness or edible crab		ITX	IMBL	EC50			4 d			0.0004			mg/L	6793
Malathion	Chironomus	riparius	Midge		ITX	IMBL	EC50			1 d			0.0019			mg/L	6830
Malathion	Daphnia	magna	Water flea		ITX	IMBL	NOEC			21 d			0.00015			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			21 d			0.00034			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			21 d			0.00038			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0016			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0017			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0021			mg/L	6449
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d			0.0022			mg/L	6449

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	PHY	ITX	CONV	LOAEL		>=	15 d			40			mg/kg bdwt	89189
Malathion	Mus	musculus	House mouse	PHY	ITX	CONV	LOAEL		>=	5.69E-03 d			100			mg/kg bdwt	89189
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			8.33E-02 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			0.166666667 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			0.25 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d		<	1			mg/L	17456
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			0.000145			uM	7026
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			8E-15			uM	7026
Malathion	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d			0.0000538			uM	7026
Malathion	Chironomus	riparius	Midge		ITX	IMBL	EC20			4.17E-02 d			0.032			mg/L	18412
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			2 d			0.0014			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			1 d			0.0015			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			2 d			0.0005			mg/L	67777
Malathion	Ceriodaphnia	dubia	Water flea		ITX	IMBL	EC50			1 d			0.0014			mg/L	67777
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			4 d			0.12			mg/L	2159
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			2 d			0.15			mg/L	2159
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			1 d			0.17			mg/L	2159
Malathion	Daphnia	carinata	Water flea	MOR	MOR	MORT	LC50			2.666666667 d			0.0002			mg/L	14767
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			12.5			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			2 d			13.1			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			1 d			14.8			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			12.5			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			2 d			13.1			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			1 d			14.25			mg/L	2155
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			4 d			0.023			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			3 d			0.0236			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			2 d			0.0239			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			1 d			0.0245			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			1 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			2 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			3 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			4 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			2 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			3 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			4 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			1 d			0.0969			mg/L	522
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			1 d			1440			mg/kg bdwt	89466
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	LOAEL			150 d			240			ppm	37838
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	LOAEL			150 d			240			ppm	37838
Malathion	Cryptochironomus	digitatus	Midge		MOR	MORT	NR-LETH			7 d			0.04			lb/acre	17319
Malathion	Canis	familiaris	Domestic dog	MOR	MOR	MORT	NR-LETH			0.25 d		<	400			mg/kg bdwt	90698
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			1 d			1			mg/L	2666
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			1 d			10			mg/L	2666
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50			3 d			0.23			ug	58115

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Apis	sp.	Bee	MOR	MOR	MORT	LD50			3 d			0.46			ug	58115
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			4 d			0.007			mg/L	2667
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			2 d			0.012			mg/L	2667
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			3 d			0.016			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			4 d			0.05			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			3 d			0.0725			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			2 d			0.18			mg/L	2667
Malathion	Aedes	nigromaculis	Mosquito		MOR	MORT	LC50			1 d			0.068			mg/L	4431
Malathion	Aedes	nigromaculis	Mosquito		MOR	MORT	LC50			1 d			0.07			mg/L	4431
Malathion	Rana	piplens	Leopard frog	MOR	MOR	MORT	LD50			15 d			150			ppm	50823
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			117.895			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			4 d			314.64			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			367.46			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			878.75			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			878.75			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			879.13			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			974.7			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1091.55			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1118.15			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1155.2			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1156.15			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1223.6			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1309.1			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			4 d			1519.05			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			1452			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			133.8624			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			921.798			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			3682.212			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2 d			3682.212			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			3 d			1121			mg/kg bdwt	90649
Malathion	Gammarus	lacustris	Scud		MOR	MORT	LC50			4 d			0.00162			mg/L	528
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			4 d			0.007			mg/L	528
Malathion	Hydropsyche	californica	Caddisfly		MOR	MORT	LC50			4 d			0.0225			mg/L	528
Malathion	Arctopsyche	grandis	Caddisfly		MOR	MORT	LC50			4 d			0.032			mg/L	528
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			4 d			0.05			mg/L	528
Malathion	Drunella	grandis	Mayfly		MOR	MORT	LC50			4 d			0.1			mg/L	528
Malathion	Fundulus	similis	Longnose killifish		MOR	MORT	NR-ZERO			ht			0.01			mg/L	46522
Malathion	Hydropsyche	sp.	Caddisfly		MOR	MORT	LC50			1 d			0.0123			mg/L	2158
Malathion	Hexagenia	sp.	Mayfly		MOR	MORT	LC50			1 d			0.631			mg/L	2158
Malathion	Mercenaria	mercenaria	Northern quahog or hard clam		MOR	MORT	NR-ZERO			4 d			37			mg/L	17307
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			2			%	4760
Malathion	Salmo	salar	Atlantic salmon		MOR	MORT	NR-ZERO			d			0.125			lb/acre	4410
Malathion	Passer	domesticus	house sparrow	MOR	MOR	MORT	NR-ZERO			1 d			100			mg/kg bdwt	37921
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			4 d			3.7			mg/L	6722

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			2 d			4.6			mg/L	6722
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			1 d			6.4			mg/L	6722
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	SURV	LOAEL			19 d			1			mg/eu	85496
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO			45 d			0.498			%	38471
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-LETH			19 d			4980			ppm	38471
Malathion	Crassostrea	virginica	American or virginia oyster		MOR	MORT	LC50			14 d			2.66			mg/L	2400
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			2 d			0.027			mg/L	628
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			4 d			0.027			mg/L	628
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			1 d			0.033			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			2 d			0.08			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			4 d			0.08			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			1 d			0.082			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			2 d			0.082			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			4 d			0.082			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			4 d			0.125			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			1 d			0.13			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			2 d			0.25			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			4 d			0.25			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			1 d			0.28			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			1 d			0.315			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			2 d			0.315			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			4 d			0.4			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			2 d			0.44			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			2 d			0.55			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			4 d			0.55			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			1 d			0.81			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			1 d		>	0.96			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			4 d			3.25			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			2 d			6			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			1 d			9			mg/L	628
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			54 d			0.0282			mg/L	640
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			15 d			0.066			mg/L	640
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			16 d			0.066			mg/L	640
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-ZERO	NR-LETH		0.75 d			0.01		0.1	%	70979
Malathion	Pseudacris	triseriata	Western chorus frog		MOR	MORT	LC50			2 d			0.32			mg/L	2891
Malathion	Bufo	woodhousei	Fowler's toad		MOR	MORT	LC50			2 d			0.5			mg/L	2891
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	NR-ZERO			4 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC50			4 d			8.0655			mg/L	13456
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			4 d			3.2			mg/L	9276
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			2 d			3.5			mg/L	9276

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			0.958333333	d		4.75			mg/L	9276
Malathion	Catla	catla	Catla		MOR	MORT	LC50				3 d		2.35			mg/L	9277
Malathion	Catla	catla	Catla		MOR	MORT	LC50				2 d		3.3			mg/L	9277
Malathion	Catla	catla	Catla		MOR	MORT	LC50				1 d		6.62			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50				4 d		2.25			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50				3 d		2.52			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50				2 d		6.35			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50				1 d		7.15			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50				4 d		4.98			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50				2 d		6.32			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50				3 d		6.32			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50				1 d		7.15			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50				4 d		3.15			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50				3 d		4.25			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50				2 d		4.65			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50				1 d		6			mg/L	9277
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO	NR-LETH			1 d		200		800 ppm		36916
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	LD50				1 d		524.8			ppm	36916
Malathion	Leiostomus	xanthurus	Spot	MOR	MOR	MORT	NR-ZERO		<	1.25	d		1			mg/L	19776
Malathion	Aedes	vexans	Mosquito		MOR	MORT	NR-LETH				1 d		0.5			Al lb/acre	2813
Malathion	Aedes	flavescens	Mosquito		MOR	MORT	NR-ZERO				1 d		5			Al lb/acre	2813
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LC50				4 d		0.3136			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50				5 d		0.2352			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			3.916666667	d		0.3136			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			2.041666667	d		0.5488			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			0.116666667	d		0.98			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			0.03	d		9.8			mg/L	16946
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LC50				8 d	>	5000			ppm	35214
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	NR-ZERO				8 d		5000			ppm	35214
Malathion	Phasianus	colchicus	ring-necked pheasant	MOR	MOR	MORT	LC50				8 d		4320			ppm	35214
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50				8 d		2128			ppm	35214
Malathion	Colinus	virginianus	Northern Bobwhite Quail	MOR	MOR	MORT	LC50				8 d		3497			ppm	35214
Malathion	Woffia	papulifera	Water-meal		MOR	MORT	NR-LETH				d		100			mg/L	9184
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50				5 d		0.00048			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50				5 d		0.0005			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50				2 d		0.0005			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50				2 d		0.002			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50				5 d		0.009			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50				2 d		0.025			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50				5 d		0.06			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50				2 d		0.1			mg/L	887
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50				4 d		0.000285			ug	39126
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50				4 d		0.00114			ug	39126
Malathion	Nomia	melanderi	Alkali bee	MOR	MOR	MORT	LD50				4 d		0.002052			ug	39126

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Zacco	platypus	Oikawa		MOR	MORT	NR-ZERO				d					mg/L	8977
Malathion	Cyprinus	carpio	Carp		MOR	MORT	NR-LETH				1 d		20			mg/L	8737
Malathion	Apis	sp.	Bee	MOR	MOR	MORT	NR-LETH				14 d		0.55			%	50878
Malathion	Penaeus	duorarum	Northern pink shrimp		MOR	MORT	NR-ZERO				3 d					mg/L	2895
Malathion	Melampus	bidentatus	Salt marsh snail		MOR	MORT	LC50				2 d		100			mg/L	7917
Malathion	Melampus	bidentatus	Salt marsh snail		MOR	MORT	LC50				1 d		125			mg/L	7917
Malathion	Phasianus	colchicus	ring-necked pheasant		MOR	MORT	LC50				5 d		2639			mg/kg bdwt	35243
Malathion	Coturnix	japonica	Japanese quail		MOR	MORT	LC50				5 d		2962			mg/kg bdwt	35243
Malathion	Colinus	virginianus	Northern Bobwhite Quail		MOR	MORT	LC50				5 d		3497			mg/kg bdwt	35243
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50				5 d	>	5000			mg/kg bdwt	35243
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-LETH		<	4.17E-02	d		1187.5			mg/kg bdwt	89508
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD50				3 d		0.14			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD50				3 d		0.15			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD90				3 d		0.24			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD90				3 d		0.25			oz/acre	89288
Malathion	Mytilus	edulis	Common bay mussel,blue mussel		MOR	MORT	LC100				4 d		6.9			mg/L	8127
Malathion	Mytilus	edulis	Common bay mussel,blue mussel		MOR	MORT	LC0				4 d		39.4			mg/L	8127
Malathion	NR	Chironomidae	Midge family		MOR	MORT	LC50				1 d		0.03763			mg/L	7954
Malathion	Uca	pugilator	Fiddler crab	MOR	MOR	MORT	NR-LETH				stg		0.1			mg/L	61096
Malathion	Cercaria	sp.	Schistosome Cercaria	MOR	MOR	TDTH	NR-LETH				0 d		162.45			mg/L	7817
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50				3 d		0.08			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50				4 d		0.08			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50				2 d		0.11			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50				1 d		0.22			mg/L	7775
Malathion	Lestes	congener	Damselfly		MOR	MORT	LC50				1 d		0.3			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50				4 d		1			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50				3 d		1.2			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50				2 d		1.5			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50				1 d		6.8			mg/L	7775
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		469			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		209			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		707			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		1085			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		1806			mg/kg bdwt	35348
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50				2 d		0.088			mg/L	7893
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	LC50				4 d		0.0012			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	LC50				4 d		1.33			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NOEC		>=	69 d			0.18			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NR-LETH				12 d		2.4			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NR-LETH				6 d		0.002			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	HTCH	NOEC				1 d	>	0.1			mg/L	6793
Malathion	Rhithropanopeus	harrisii	Mud crab	MOR	MOR	MORT	NOAEL	LOAEL			stg		0.0192		0.048	mg/L	7447
Malathion	Callinectes	sapidus	Blue crab	MOR	MOR	MORT	NOAEL	LOAEL			stg		0.048		0.0768	mg/L	7447
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50				1 d		209			mg/kg bdwt	35349

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			707			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1085			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1806			mg/kg bdwt	35349
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	NOEC		<=	140 d			0.004			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LOEC		<=	140 d			0.009			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	NOEC		<=	140 d			0.018			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LOEC		<=	140 d			0.037			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LC50			4 d			0.051			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	MATC		<=	140 d						mg/L	5074
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	NR-LETH			1 d			0.5			mg/L	7504
Malathion	Cyprinus	carpio	Carp	MOR	MOR	HTCH	LC50			ht			4.57			mg/L	9935
Malathion	Cyprinus	carpio	Carp	MOR	MOR	MORT	NR-LETH			ht			5			mg/L	9935
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			56 d			8000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			56 d			8000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			791 d			8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			791 d			8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			56 d			16000			ppm	90648
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			665 d			16000			ppm	90648
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			665 d			16000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-LETH			21 d			32000			ppm	90648
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.35			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.6			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.6			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.9			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			7.95			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			8.1			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.8			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			9.2			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			6.95			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.05			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.3			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.65			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			7.85			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			8			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.7			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.75			mg/L	5736
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.051			mg/L	67468
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.14			mg/L	67468
Malathion	Romanomermis	culicivorax	Parasitic Nematode	MOR	MOR	MORT	LC50			1 d			6.78			mg/L	67468
Malathion	Romanomermis	culicivorax	Parasitic Nematode	MOR	MOR	MORT	LC90			1 d			18.8			mg/L	67468
Malathion	Jordanelia	floridae	Flagfish		MOR	MORT	LC50			9 d			0.235			mg/L	995
Malathion	Jordanelia	floridae	Flagfish		MOR	MORT	LC50			4 d			0.349			mg/L	995
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			0.75 d			1210.77			mg/kg bdwt	38431
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NOAEL			17 d			300			mg/kg bdwt	88908

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Eretes	sticticus	Beetle		MOR	MORT	LC50			2 d			0.43			mg/L	5182
Malathion	Eretes	sticticus	Beetle		MOR	MORT	LC50			1 d			0.52			mg/L	5182
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			2 d			0.73			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			1 d			2.4			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			0.25 d			5.1			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			4.17E-02 d		>	10			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			8.33E-02 d		>	10			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			0.125 d			10			mg/L	7119
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			2 d			7.75			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			1 d			12.5			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			2 d			20.61			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			1 d			22.69			mg/L	5629
Malathion	Oryzias	latipes	Medaka, high-eyes		MOR	MORT	NR-LETH			d			40			mg/L	14285
Malathion	Heteropneustes	fossilis	Indian catfish	MOR	MOR	MORT	LD50			4 d			15			mg/L	7375
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			735 d			4055.3			ppm	91065
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			91 d			8000			ppm	91065
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			91 d			8000			ppm	91065
Malathion	Indonaia	caerulea	Unionid clam		MOR	MORT	LT50			3.541666667 d			1			mg/L	8286
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			2 d			0.024			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1 d			0.0303			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC90			2 d			0.0758			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC90			1 d			0.0935			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC100			3 d			0.05			mg/L	5162
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			8 d			1.2			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			4 d			2.61			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			8 d			1.65			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			4 d			3.15			mg/L	563
Malathion	Cricotopus	sp.	Midge		MOR	MORT	LC50			1 d			0.03			mg/L	3671
Malathion	Chironomus	decorus	Midge		MOR	MORT	LC50			1 d			0.07			mg/L	3671
Malathion	Dicrotendipes	californicus	Midge		MOR	MORT	LC50			1 d			0.08			mg/L	3671
Malathion	Cricotopus	sp.	Midge		MOR	MORT	LC50			1 d			0.09			mg/L	3671
Malathion	Dicrotendipes	californicus	Midge		MOR	MORT	LC50			1 d			0.22			mg/L	3671
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			0.125 d			2			mg/L	6726
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			5.42E-02 d			5			mg/L	6726
Malathion	Lumbriculus	variegatus	Oligochaete, worm		MOR	MORT	LC50			4 d			20.5			mg/L	6502
Malathion	Lumbriculus	variegatus	Oligochaete, worm		MOR	MORT	LC50			2 d			30.9			mg/L	6502
Malathion	Cyprinus	carpio	Carp	MOR	MOR	MORT	LC50			ht			4.57			mg/L	67617
Malathion	Cyprinus	carpio	Carp	MOR	MOR	HTCH	NR-LETH			ht			5			mg/L	67617
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			38			mg/L	470
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			42			mg/L	470
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			45			mg/L	470
Malathion	Lacuna	vincta	Northern Lacuna	MOR	MOR	MORT	NR-LETH			2 d			0.25			mg/L	69472
Malathion	Gammarus	oceanicus	Scud, amphipod	MOR	MOR	MORT	NR-LETH			2 d			0.25			mg/L	69472
Malathion	Idotea	balthica	Aquatic sowbug, Isopod	MOR	MOR	MORT	NR-LETH			2 d			2.5			mg/L	69472

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			0.894			mg/L	14673
Malathion	Aedes	trivittatus	Mosquito		MOR	MORT	LC50			1 d			0.0322			mg/L	4896
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1 d			0.0426			mg/L	4896
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	NOEL			3.47E-04 d			12.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			49.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			101			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			118			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Rana	tigrina	Tiger frog, indian bullfrog		MOR	MORT	NR-LETH		<	4.17E-02 d			60			mg/L	6362
Malathion	Glyptotendipes	paripes	Midge		MOR	MORT	LC50			1 d			0.004			mg/L	5559
Malathion	Goeldichironomus	holoprasinus	Midge		MOR	MORT	LC50			1 d			0.028			mg/L	5559
Malathion	Tanytarsus	sp.	Midge		MOR	MORT	LC50			1 d			0.032			mg/L	5559
Malathion	Chironomus	decorus	Midge		MOR	MORT	LC50			1 d			0.032			mg/L	5559
Malathion	Chironomus	crassicaudatus	Midge		MOR	MORT	LC50			1 d			0.056			mg/L	5559
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	SURV	NR-ZERO			0.666666667 d			427.5			ppm	36631
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			4 d			9.79			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			3 d			10.58			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			2 d			10.96			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			1 d			11.75			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			15			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			3 d			16.18			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			2 d			17.18			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			1 d			18.49			mg/L	15179
Malathion	Alitropus	typus	Sowbug	MOR	MOR	MORT	LD50			2 d			0.0525			mg/L	89498
Malathion	Daphnia	magna	Water flea		MOR	MORT	LC50			2 d			0.0016			mg/L	5370
Malathion	Poecilia	reticulata	Guppy		MOR	MORT	LC50			4 d			3.1			mg/L	5370
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			4 d			6.136			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			2 d			10.97			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			1 d			13.81			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			3 d						mg/L	14311
Malathion	Oreochromis	mossambicus	Mozambique Tilapia		MOR	MORT	LC50			4 d			0.2901			mg/L	11603
Malathion	Oreochromis	mossambicus	Mozambique Tilapia		MOR	MORT	LC50			4 d			0.7787			mg/L	11603
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			4 d			1.261			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			3 d			1.454			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			2 d			1.687			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			1 d			2.907			mg/L	11557
Malathion	Empoasca	fabae	Potato leafhopper		MOR	MORT	LC50			2.31E-05 d			41.32			ppm	37837
Malathion	Lygus	lineolaris	Tarnished plant bug		MOR	MORT	LC50			2.31E-05 d			68.08			ppm	37837
Malathion	Nabis	americoferus	Damsel bug		MOR	MORT	LC50			2.31E-05 d			273.13			ppm	37837
Malathion	Microhyla	ornata	Frog		MOR	MORT	NR-LETH			3 d			15			mg/L	10830
Malathion	Microhyla	ornata	Frog		MOR	MORT	NR-LETH			2 d			20			mg/L	10830
Malathion	Anopheles	albimanus	Mosquito		MOR	MORT	LC50			1 d			0.35			mg/L	11596
Malathion	Apanteles	angaleti	Braconid Wasp	MOR	MOR	MORT	NR-LETH			8.33E-02 d			0.1			%	62601
Malathion	Bracon	kirkpatricki	Braconid Wasp	MOR	MOR	MORT	NR-LETH			8.33E-02 d			0.1			%	62601

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Clarias	batrachus	Walking catfish		MOR	MORT	NR-LETH			4 d			5.6			mg/L	15547
Malathion	Clarias	batrachus	Walking catfish		MOR	MORT	NR-LETH			4 d			6.2			mg/L	15547
Malathion	Macrobrachium	lamarrei	Prawn	MOR	MOR	MORT	LC50			4 d			0.065			mg/L	71773
Malathion	Chiracanthium	mildei	Yellow Sac Spider	MOR	MOR	MORT	LC50		<=	7 d			0.042			AI % w/w	62603
Malathion	Chiracanthium	mildei	Yellow Sac Spider	MOR	MOR	MORT	LC50		<=	7 d			0.14			AI % w/w	62603
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC0.1			4 d			0.247			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC0.1			4 d			0.57			mg/L	14861
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC50			4 d			3.591			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC50			4 d			4.807			mg/L	14861
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC90			4 d			10.925			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC90			4 d			11.59			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC0.1			4 d			13.015			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC50			4 d			23.18			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC90			4 d			29.545			mg/L	14861
Malathion	Barbus	ticto	Two-spot or Tic tac toe barb		MOR	MORT	MATC			15 d			4			mg/L	10764
Malathion	Barbus	ticto	Two-spot or Tic tac toe barb		MOR	MORT	LC50			4 d			4			mg/L	10764
Malathion	Rasbora	daniconia	Slender rasbora		MOR	MORT	MATC			15 d			6			mg/L	10764
Malathion	Rasbora	daniconia	Slender rasbora		MOR	MORT	LC50			4 d			6			mg/L	10764
Malathion	Amblyseius	tetranychivorus	Predatory Mite	MOR	MOR	MORT	NR-LETH			1 d			200			ml/L	90444
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	HTCH	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	HTCH	NOAEL			56 d			100			ppm	38417
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LD50			3.47E-04 d		>	49.9			lb/acre	35249
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LD50			3.47E-04 d			118			lb/acre	35249
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			14 d			297			mg/kg bdwt	36391
Malathion	Lumbricus	rubellus	Earthworm		MOR	MORT	LC50			2 d			0.27			AI ug/cm2	40531
Malathion	Eisenia	fetida	earthworm		MOR	MORT	LC50			2 d			13.5			AI ug/cm2	40531
Malathion	Aedes	aegypti	Yellow fever mosquito		MOR	MORT	LC50			1 d			0.092			mg/L	11009
Malathion	Culicoides	sp.	Midge		MOR	MORT	LC50			1 d			0.0879			mg/L	11965
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			4 d			0.00059			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			2 d			0.000613			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			3 d			0.000613			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			1 d			0.000846			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			0.5 d			0.00354			mg/L	11521
Malathion	Entomophthora	muscae	Fungus	MOR	MOR	MORT	NOAEL			1 d			0.5772			%	71029
Malathion	Coenosia	tigrina	Fly	MOR	MOR	MORT	LC50			1 d			0.0792			%	71029
Malathion	Delia	platura	Seedcorn Maggot	MOR	MOR	MORT	LC50			1 d			0.131			%	71029
Malathion	Delia	antiqua	Onion Maggot	MOR	MOR	MORT	LC50			1 d			0.452			%	71029
Malathion	Delia	antiqua	Onion Maggot	MOR	MOR	MORT	LC50			1 d			0.46			%	71029
Malathion	Aphaereta	pallipes	Braconid Wasp	MOR	MOR	MORT	LC50			1 d			0.0093			%	71029
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			0.64			ppm	69374
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			1.01			ppm	69374
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.0245			mg/L	11334
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.065			mg/L	11334
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			0.376			ug	19582

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			0.846			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			3.102			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			3.478			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			3.76			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			4.7			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			5.546			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			6.862			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			9.588			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			10.622			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			11.938			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			95.88			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			230.3			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			300.8			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			14786.2			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			31142.2			ug	19582
Malathion	Jordanella	floridae	Flagfish		MOR	MORT	LC50			2 d			0.28			mg/L	10687
Malathion	Jordanella	floridae	Flagfish		MOR	MORT	LC50			1 d			0.32			mg/L	10687
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			8.33E-02 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			0.166666667 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			0.25 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			1 d						mg/L	17456
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.02639			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.04095			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.15743			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.3185			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.4459			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.66066			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.69524			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			1.19756			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			1.456			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			3.80016			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			9.1182			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			11.8937			ug/org	70351
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	LC0			4 d			0.0005			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	NR-ZERO			4 d			0.0005			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	LC50			4 d			0.003			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	NR-LETH			3.333333333 d			0.008			mg/L	14269
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO			5 d			1320			ppm	50181
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50			5 d			2968			ppm	50181
Malathion	Danio	rerio	Zebra danio		MOR	MORT	NR-ZERO			9 d			0.03			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			7 d			0.035			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			6 d			0.05			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			5 d			0.105			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			4 d			0.155			mg/L	12047

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			3 d			0.165			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	NR-LETH			4 d			0.21			mg/L	12047
Malathion	Anopheles	stephensi	Mosquito		MOR	MORT	LC50			1 d			0.18			mg/L	11799
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			3.89			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			4.51			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			5.1			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			5.94			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			6.59			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			8.21			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			9.16			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			9.93			mg/L	11888
Malathion	Culex	pipiens	Northern house mosquito		MOR	MORT	LC50			1 d			0.0421			mg/L	12072
Malathion	Anopheles	gambiae	Mosquito		MOR	MORT	LC50			1 d			0.0518			mg/L	12072
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC50			1 d			0.0621			mg/L	12072
Malathion	Anopheles	gambiae	Mosquito		MOR	MORT	LC50			1 d			0.1024			mg/L	12072
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			4 d			0.08			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			3 d			0.21			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			4 d			0.31			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			2 d			2.03			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			3 d			3.26			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			2 d			10.21			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			1 d			25			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			1 d			43.8			mg/L	6665
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			7 d			200			mg/kg bdwt	87655
Malathion	Lamellidens	marginalis	Mussel		MOR	MORT	LC50			4 d						mg/L	12537
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC10			2 d			66.46			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC25			2 d			81.11			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC50			2 d			100.98			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC75			2 d			125.69			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC90			2 d			153.39			mg/L	126
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	LT50			1.670833333 d			0.2961			mg/L	12182
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	LC50			4 d			0.16			mg/L	12182

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			14.1			mg/L	12859
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0026			mg/L	968
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.003			mg/L	968
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0031			mg/L	968
Malathion	Lepidocephalichthys	thermalis	Loach	MOR	MOR	MORT	LC50			4 d			13.79			mg/L	17207
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			2 d			5.397			mg/L	12910
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d		<=	5			ppm	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d		<=	5.3			ppm	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			1			AI % w/w	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			1			AI % w/w	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-ZERO			1 d			1			AI % w/w	91028
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			4 d			1.65			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			1.74			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			3 d			2.14			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			2.92			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			2 d			3.13			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			6.11			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			1 d			6.59			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			7.6			mg/L	765
Malathion	Hypophthalmichthys	molitrix	Silver carp		MOR	MORT	NR-ZERO			4 d			1.25			mg/L	17359
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			4 d			0.2			mg/L	5806
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	NR-ZERO			4 d			0.008			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	NR-LETH			2 d			0.026			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			2 d			0.14			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			4 d			0.14			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			1 d			0.3			mg/L	3296
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	NOEC			1 d			11.4			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	NOEC			1 d			38.5			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	LC50			1 d			45.5			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	LC50			1 d			59.5			mg/L	3827
Malathion	Brachionus	rubens	Rotifer		MOR	MORT	NOEC			1 d			22.9			mg/L	310
Malathion	Brachionus	rubens	Rotifer		MOR	MORT	LC50			1 d			35.3			mg/L	310
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			90 d			130			ppm	74457
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			1 d			500			ppm	74457
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0032			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.004			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.005			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0052			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0054			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0057			mg/L	2280
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	LC50			1 d			0.175			mg/L	4086
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC50			1 d			0.033565			mg/L	69778
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC90			1 d			0.048909			mg/L	69778
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LT50			1 d			50			%	69778

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LT50			1 d			50			%	69778
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0217			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0228			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.023			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0243			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0258			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.026			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.026			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0264			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0267			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0285			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0288			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.029			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.03			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.03			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0304			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0312			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0312			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0315			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0321			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.033			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.033			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0337			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.034			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0342			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0342			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0349			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0353			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0357			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0375			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0376			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.038			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0381			mg/L	91094

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0387			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0387			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0389			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0392			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0393			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0393			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0397			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0413			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0443			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0445			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0447			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.045			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0451			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0452			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0459			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0461			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0462			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0471			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0481			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0482			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0485			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0506			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0508			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0511			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0532			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.054			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0545			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.055			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.058			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0608			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0619			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0626			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.067			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0715			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0719			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0737			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0739			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0764			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0804			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0822			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0841			mg/L	91094

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0856			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0864			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0921			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.1035			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.1188			mg/L	91094
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			1 d			0.15			mg/L	184
Malathion	Eucyclops	sp.	Cyclopoid copepod		MOR	MORT	LC50			2 d			0.001			mg/L	786
Malathion	Diaptomus	sp.	Calanoid copepod		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Cypria	sp.	Ostracod		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Alonella	sp.	Water flea		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4 d			9.81			mg/L	66506
Malathion	Tilapia	niloticus	Java tilapia		MOR	MORT	LC50			4 d			5.88			mg/L	166
Malathion	Paratelphusa	hydromedusa	Crab		MOR	MORT	LC50			4 d			6			mg/L	13437
Malathion	Metapenaeus	monoceros	Sand shrimp	MOR	MOR	MORT	LC50			4 d			1.406			mg/L	89575
Malathion	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		<=	7 d			1.65			mg/L	76700
Malathion	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC90		<=	7 d			4			mg/L	76700
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			2 d			0.00344			mg/L	3769
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			1 d			0.01268			mg/L	3769
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-LETH			42 d			5000			ppm	89114
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.012			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.016			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.025			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.064			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.066			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.1			mg/L	15472
Malathion	Rana	tigrina	Tiger frog, indian bullfrog	MOR	MOR	MORT	LC50			6 d			0.17			mg/L	61878
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		<	4 d			4.4			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	2 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		<	0.5 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50			0.5 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	0.166666667 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	0.166666667 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		~	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		~	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		<=	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50			0.166666667 d			27.5			mg/L	89594
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	91097
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			0.6245			mg/L	91097
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			0.625			mg/L	91097
Malathion	Schistosoma	mansoni	Trematode parasite	MOR	MOR	MORT	LC50			8.33E-02 d			153.11			ppm	89188
Malathion	Schistosoma	mansoni	Trematode parasite	MOR	MOR	MORT	LC95			8.33E-02 d			245.85			ppm	89188
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			0.874			mg/L	17200
Malathion	Brachionus	calyciflorus	Rotifer		MOR	MORT	LC50			1 d			33.72			mg/L	5096
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LOAEL			1 d			210			ml/ha	90657

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Aedes	caspius	Mosquito		MOR	MORT	LC50			1 d			4.43			mg/L	13544
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1 d			4.68			mg/L	13544
Malathion	Aenasius	advena	Parasitic Wasp	MOR	MOR	MORT	NR-LETH			4.17E-02			0.1			%	51860
Malathion	Blepyrus	insularis	Parasitic Wasp	MOR	MOR	MORT	NR-LETH			4.17E-02			0.1			%	51860
Malathion	Indoplanorbis	exustus	Snail	MOR	MOR	MORT	NR-ZERO			2 d			20			mg/L	90620
Malathion	Indoplanorbis	exustus	Snail	MOR	MOR	MORT	NR-LETH			1 d			100			RA	90620
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			45			mg/L	5064
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2 d			2.96			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2 d			4.96			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2 d			5.28			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2 d			5.32			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2 d			5.84			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2 d			6.72			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2 d			8.4			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2 d			10.76			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2 d			12.84			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2 d			14.88			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2 d			17.24			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2 d			17.76			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2 d			17.88			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2 d			19.12			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2 d			19.24			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2 d			20			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2 d			20.24			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2 d			24			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2 d			24.8			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2 d			28.68			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2 d			32.52			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2 d			32.84			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2 d			35.72			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2 d			41.88			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2 d			44.44			mg/L	77206
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			60 d			0.8			mg/L	7085
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			30 d			1.4			mg/L	7085
Malathion	Schistosoma	mansonii	Trematode parasite		MOR	MORT	LC50			0.166666667	d		69.36			mg/L	4696
Malathion	Schistosoma	mansonii	Trematode parasite		MOR	MORT	LC50			8.33E-02			107.07			mg/L	4696
Malathion	Schistosoma	mansonii	Trematode parasite		MOR	MORT	NR-LETH			8.33E-02			200			mg/L	4696
Malathion	Chironomus	tepperi	Rice bloodworm		MOR	MORT	LC50			1 d			0.0084			mg/L	13398
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			8.5			mg/L	17539
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.225			mg/L	81429
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.44			mg/L	81429
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.5			mg/L	81429
Malathion	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	MORT	LD05			1 d			0.0182			mg/L	70395
Malathion	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	MORT	LD50			1 d			0.6916			mg/L	70395

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Anisops	sp.	Water bug		MOR	MORT	NR-LETH			1 d			0.6			mg/L	17209
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			21 d			880			mg/kg bdwt	87869
Malathion	Toxorhynchites	splendens	Mosquito		MOR	MORT	LC50			2 d			0.0498			mg/L	4139
Malathion	Toxorhynchites	splendens	Mosquito		MOR	MORT	LC50			1 d			0.0691			mg/L	4139
Malathion	Artemia	salina	Brine shrimp	MOR	MOR	MORT	LC50			1 d			37.03			mg/L	70574
Malathion	Artemia	salina	Brine shrimp		MOR	MORT	LC50			1 d			37.03			mg/L	70574
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			4 d			1.98			mg/L	89874
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	NR-LETH			2 d			7.5			mg/L	89874
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC50			3 d			16.6			mg/L	89874
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	NR-LETH			3 d			20			mg/L	89874
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			0.71			mg/L	6999
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			2.1			mg/L	6999
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			12.93			mg/L	6999
Malathion	Notopterus	notopterus	Asiatic knifefish		MOR	MORT	LC50			4 d			0.077			mg/L	4022
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.011			mg/L	13513
Malathion	Penaeus	duorarum	Northern pink shrimp		MOR	MORT	LC50			4 d			0.012			mg/L	13513
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00044			mg/L	14897
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1117			mg/L	14897
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			19 d			0.25			ml/kg bdwt	89116
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Steinernema	carpocapsae	Nematode	MOR	MOR	MORT	NOAEL	LOAEL		1 d			10		100 ppm		84164
Malathion	Dugesia	tigrina	Turbellarian, flatworm		MOR	MORT	LC50			4 d			4.4			mg/L	13793
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			2 d			1.48			mg/L	20421
Malathion	NR	Anura	Frog and toad order	MOR	MOR	MORT	LC50			2 d		>	5			mg/L	20421
Malathion	Pomacea	canaliculata	Snail	MOR	MOR	MORT	LC50			2 d			18.68			mg/L	20421
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5.5 d			0.00001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5.57 d			0.0001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5 d			0.001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			0.75 d			0.01			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	NR-LETH			d						mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LC50			d						mg/L	16371
Malathion	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	LC50			4 d			9.7			mg/L	89099
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000324			mg/L	89488
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000368			mg/L	89488

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1917			mg/L	89488
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2658			mg/L	89488
Malathion	Creontiades	sp.	Mirid	MOR	MOR	MORT	LOAEL			1 d			0.05			%	75774
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.043			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.05			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.055			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.062			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.065			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50			1 d			0.066			mg/L	18844
Malathion	Aedes	hendersoni	mosquito		MOR	MORT	LC50			1 d			0.066			mg/L	18844
Malathion	Aedes	atropalpus	Mosquito		MOR	MORT	LC50			1 d			0.172			mg/L	18844
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.44			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.55			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.9			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			1.56			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			1.6			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			1.9			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			2.1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			2.2			mg/L	61960
Malathion	Aedes	albopictus	Mosquito		MOR	MORT	LC50			1 d			0.379			mg/L	16077
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO			21 d			264			mg/kg bdwt	87553
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			21 d			880			mg/kg bdwt	87553
Malathion	Chironomus	tepperi	Rice bloodworm	MOR	MOR	MORT	NOAEL			9 d			0.25			mg/L	89015
Malathion	Chironomus	tepperi	Rice bloodworm	MOR	MOR	MORT	NOAEL	LOAEL		5 d			0.25		0.38	mg/L	89015
Malathion	Sitophilus	zeamais	Weevil	MOR	MOR	MORT	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			2.97E-02 d			0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.18E-02 d			0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.48E-02 d			0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.94E-02 d			0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			2.38E-02 d			0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.36E-02 d			0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.53E-02 d			0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50			3.88E-02 d			0.2			mg/L	16901
Malathion	Villorita	cyprinoides	Bivalve	MOR	MOR	MORT	NR-ZERO			4 d			0.4			mg/L	60150
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			1.9			ng/cm2	89666
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			7.3			ng/cm2	89666
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			16			ng/cm2	89666
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			2220			ng/cm2	89666
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0003			mg/L	89490

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00034			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00035			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00037			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00037			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00039			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00039			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00049			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1245			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1277			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1287			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1307			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1457			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1501			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1617			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1628			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000212			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000324			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000362			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000368			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000423			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000437			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000444			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000457			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000481			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000491			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000492			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000499			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000542			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000544			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000571			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000572			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000716			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000731			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000813			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000835			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0749			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0978			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1152			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1182			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1243			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1286			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1304			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1397			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1421			mg/L	89489

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.15			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.191			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2061			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2137			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2256			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2401			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2541			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.265			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3325			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3436			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3618			mg/L	89489
Malathion	Ceriatrigon	sp.	Damsel fly		MOR	MORT	LD50			1 d			0.1			mg/L	45081
Malathion	NR	Odonata	Dragonfly order		MOR	MORT	LD50			1 d			0.11			mg/L	45081
Malathion	Agriocnemis	sp.	Damsel fly		MOR	MORT	LD50			1 d			0.15			mg/L	45081
Malathion	Musca	domestica	House fly		MOR	MORT	LD50			1 d			3.73			mg/kg bdwt	19998
Malathion	Musca	domestica	House fly		MOR	MORT	LD50			1 d			7.03			ppm	19998
Malathion	Spodoptera	littoralis	Egyptian cotton leafworm		MOR	MORT	LC50			2 d			13.09			mg/kg bdwt	19998
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	NR-ZERO			4 d			4.55			mg/L	14166
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LD50			4 d			4.68			mg/L	14166
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	NR-LETH			1 d			5.25			mg/L	14166
Malathion	Amblyseius	victoriensis	Predatory mite	MOR	MOR	MORT	NR-LETH			2 d			0.05			AI %	67984
Malathion	Typhlodromus	doreenae	Doreen's predatory mite	MOR	MOR	MORT	NR-LETH			2 d			0.5			AI %	67984
Malathion	Melanotaenia	fluviatilis	Crimson-spotted rainbowfish		MOR	MORT	LC50			4 d			2.09			mg/L	15030
Malathion	Spizella	breweri	Brewer's Sparrow	MOR	MOR	MORT	NR-ZERO			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	MOR	MOR	MORT	NR-ZERO			730 d			585			g/ha	89113
Malathion	Cyprinion	watsoni	Cyprinid fish		MOR	MORT	NR-ZERO			1 d			2.565			mg/L	6638
Malathion	Cyprinion	watsoni	Cyprinid fish		MOR	MORT	LC50			1 d			4.5201			mg/L	6638
Malathion	NR	Penaeus vannamei	NR		MOR	MORT	LC50			4 d			0.02146			mg/L	16752
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			1 d			650			mg/kg bdwt	85173
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.06211			mg/L	59254
Malathion	Toxorhynchites	splendens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.22208			mg/L	59254
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.23219			mg/L	59254
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.63378			mg/L	59254
Malathion	Dreissena	polymorpha	Zebra mussel		MOR	MORT	NR-ZERO			4 d			4.7			mg/L	17020
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			67			mg/L	18363
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			75			mg/L	18363
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			79			mg/L	18363
Malathion	Artemia	sp.	Brine shrimp		MOR	MORT	EC50			1 d		>	140			mg/L	18363
Malathion	Clarias	gariepinus	Zambezi barbel	MOR	MOR	MORT	NOAEL	LOAEL		5 d			2.45		4.9	mg/L	88998
Malathion	Heterorhabditis	bacteriophora	Nematode	MOR	MOR	MORT	NR-LETH			3 d			800			ppm	90655
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	NR-LETH			1 d			1			%	67754
Malathion	Megalania	nervosa	Washboard mussel		MOR	MORT	LC50			1 d			22			mg/L	17860
Malathion	Lampsilis	teres	Yellow sandshell		MOR	MORT	LC50			0.166666667 d			28			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			324			mg/L	17860

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			366			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			374			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			4 d			24			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			4 d			28			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			2 d			32			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			3 d			32			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			4 d			32			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			3 d			40			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			40			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			1 d			43			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			2 d			48			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			3 d			50			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			2 d			54			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			1 d			61			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			1 d			62			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			74			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			96			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			111			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			140			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			160			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			165			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			4 d			180			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			192			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			3 d			199			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			215			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			220			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			263			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			280			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			295			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			326			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			365			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			391			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			463			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			568			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			2 d			7			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			1 d			8			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			54			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			74			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			109			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			117			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			119			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			4 d			142			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			154			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			161			mg/L	17860

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			181			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			196			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			219			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d		>	231			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			3 d			255			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			262			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			341			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			354			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			363			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			431			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			667			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			1 d			54			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			2 d			59			mg/L	17860
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.018			mg/L	72752
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.036			mg/L	72752
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.038			mg/L	72752
Malathion	Paratya	compressa	Freshwater shrimp		MOR	MORT	LC50			4 d			0.00362			mg/L	18945
Malathion	Ceriodaphnia	dubia	Water flea		MOR	MORT	EC50			5.21E-02 d			0.0447			mg/L	18961
Malathion	Brachionus	calyciflorus	Rotifer		MOR	MORT	LC50			1 d			80.84			mg/L	18961
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	LOAEL			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-ZERO			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-LETH			30 d			10.615			ppm	89016
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			35 d			0.00558			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			25 d			0.00648			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.00906			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			18 d			0.01298			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.01324			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.03819			mg/L	14346
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0072			mg/L	19281
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0205			mg/L	19281
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0243			mg/L	19281
Malathion	Grapholita	molesta	Oriental fruit moth	MOR	MOR	MORT	LC50			8.33E-02 d			11.4			ppm	63915
Malathion	Grapholita	molesta	Oriental fruit moth	MOR	MOR	MORT	LC99			8.33E-02 d			50			ppm	63915
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			4 d			2.2			mg/L	20087
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.2565			mg/L	75611
Malathion	Cloeon	sp.	Mayfly		MOR	MORT	LC50			1 d			0.0055			mg/L	20475
Malathion	Culiseta	longiareolata	Mosquito		MOR	MORT	LC50			1 d			0.017			mg/L	20475
Malathion	Daphnia	magna	Water flea		MOR	MORT	LC50			1 d			0.00235			mg/L	20475
Malathion	Procambarus	clarkii	Red swamp crayfish		MOR	MORT	LC50			4 d			1.34			mg/L	20475
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			4 d			0.3			mg/L	20475
Malathion	Octodon	degus	Brush Tail Rat	MOR	MOR	MORT	LC50			3 d			436			mg/kg bdwt	91587
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			4 d			0.00229			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			4 d			0.00465			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			3 d			0.00585			mg/L	51439

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			3 d			0.01943			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			2 d			1.2			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			2 d			26			mg/L	51439
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			0.231			ug/bee	88070
Malathion	Nomia	melanderi	Alkali bee	MOR	MOR	MORT	LD50			1 d			0.312			ug/bee	88070
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50			1 d			0.467			ug/bee	88070
Malathion	Ovis	aries	Domestic Sheep	MOR	MOR	MORT	NR-LETH			6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	MOR	MOR	MORT	NR-LETH			1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			2 d			1.16			%	84380
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-ZERO			30 d			1.0615			ppm	89577
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-LETH			30 d			10.615			ppm	89577
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			6.6			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			8.8			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			13.2			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			15.07			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			17.38			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			18.81			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH			4 d			22			ppm	52962
Malathion	Nothobranchius	guentheri	Killifish		MOR	MORT	EC50			1 d			2.9			mg/L	20487
Malathion	Nothobranchius	guentheri	Killifish		MOR	MORT	LC50			1 d			6.9			mg/L	20487
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.04465			mg/L	62487
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.70965			mg/L	62487
Malathion	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	SURV	NOAEL	LOAEL		14 d			0.1996		0.7984	mg/L	59285
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	LC25			1 d			0.1026			mg/L	89181
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1425			mg/L	89181
Malathion	Anopheles	quadrimaculatus	Common malaria mosquito		MOR	MORT	LC50			2 d			0.001			mg/L	56989
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			2 d			1.23			mg/L	56989
Malathion	Streptocephalus	sudanicus	Fairy Shrimp	MOR	MOR	MORT	EC50			2 d			67.75			mg/L	59962
Malathion	Anisops	sardeus	Backswimmer	MOR	MOR	MORT	LC50			2 d			0.0422			mg/L	59962
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NOAEL	LOAEL		28 d			1.92		2.4	mg/L	56687
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.43165			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.62662			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.76436			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.10192			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.36479			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.66064			mg/L	82057
Malathion	Clarias	gariepinus	Zambezi barbel	MOR	MOR	MORT	NOAEL	LOAEL		5 d			1.225		2.45	mg/L	65919
Malathion	Ctenocephalides	felis	Cat flea	MOR	MOR	MORT	NR-LETH			1 d			93			AI mg/m2	68605
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1 d			0.458			mg/eu	68165
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1 d			116.599			mg/eu	68165

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Spirostomum	ambiguum	Protozoa	MOR	MOR	MORT	LC50			1 d			73.7			mg/L	69821
Malathion	Procambarus	clarkii	Red swamp crayfish	MOR	MOR	MORT	LC50			4 d			0.875			mg/L	71856
Malathion	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	NOAEL			120 hpf			5940			ug/L	76738
Malathion	Anabas	testudineus	Climbing perch	MOR	MOR	MORT	LC50			4 d			16			mg/L	88437
Malathion	Bufo	americanus	American toad	MOR	MOR	SURV	NOAEL	LOAEL		16 d			1		2	mg/L	86767
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			1		2	mg/L	86767
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NOAEL			16 d			2			mg/L	86767
Malathion	Rana	clamitans	Green frog	MOR	MOR	SURV	NOAEL			16 d			2			mg/L	86767
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NOAEL			16 d			2			mg/L	86767
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.05			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.1			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.2			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.9			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			3.5			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			20			mg/L	88223
Malathion	Homarus	americanus	American lobster	MOR	MOR	MORT	LC50			4 d			0.038			mg/L	73331
Malathion	Lepomis	macrochirus	Bluegill	MOR	MOR	MORT	LC50			4 d			0.3366			mg/L	77525
Malathion	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			1 d			12.38			nM	72805
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LOAEL			16 d			0.0506			mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	LC50			16 d			0.6325			mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LC50			16 d			0.759			mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	LC50			16 d			1.2144			mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	LC50			16 d			1.8469			mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	LC50			16 d			2.08978			mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NR-LETH			16 d			2.53			mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NR-LETH			16 d			2.53			mg/L	72798
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	LC50			16 d			2.9854			mg/L	72798
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC50			4 d			1.48			mg/L	74220
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC50			4 d			2.12			mg/L	74220
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC90			4 d			3.02			mg/L	74220
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			6.61			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			6.65			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	NR-ZERO			4 d		~	16			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			6.61			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			6.65			mg/L	81095

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	NR-LETH			4 d		~	16			mg/L	81095
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NR-LETH			2 d			0.010615			ug	89001
Malathion	Bufo	marinus	Giant toad	MOR	MOR	MORT	NR-LETH			2 d			0.010615			ug	89001
Malathion	Dytiscus	sp.	Diving beetle	MOR	MOR	SURV	LOAEL			23 d			0.315			mg/L	86886
Malathion	Bufo	americanus	American toad	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Notophthalmus	viridescens	Salamander	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Sciaenops	ocellatus	Red drum	MOR	MOR	SURV	NOAEL	LOAEL		4 d			0.098		0.196	mg/L	81672
Malathion	Sciaenops	ocellatus	Red drum	MOR	MOR	MORT	NR-LETH			1 d			1.96			mg/L	81672
Malathion	Sparus	aurata	Gilthead Seabream	MOR	MOR	MORT	NR-ZERO			4 d			0.4			mg/L	88204
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0671365			mg/L	89198
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0696195			mg/L	89198
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			19.93085			mg/L	89198
Malathion	Colpoda	inflata	Soil ciliate	MOR	MOR	MORT	LOAEL			8.33E-02 d			0.0000024			v/v	88378
Malathion	Colpoda	inflata	Soil ciliate	MOR	MOR	MORT	NR-LETH			6.94E-03 d			0.00024			v/v	88378
Malathion	Apis	cerana	Asiatic Honey Bee	MOR	MOR	MORT	LOAEL			2 d			0.01			%	88463
Malathion	Apis	cerana	Asiatic Honey Bee	MOR	MOR	MORT	LOAEL			2 d			0.1			%	88463
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			4 d			0.12			mg/L	2159
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			2 d			0.15			mg/L	2159
Malathion	Oncorhynchus	tshawytscha	Chinook salmon		MOR	MORT	LC50			1 d			0.17			mg/L	2159
Malathion	Daphnia	carinata	Water flea	MOR	MOR	MORT	LC50			2.666666667 d			0.0002			mg/L	14767
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			12.5			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			2 d			13.1			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			1 d			14.8			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			12.5			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			2 d			13.1			mg/L	2155
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			1 d			14.25			mg/L	2155
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			4 d			0.023			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			3 d			0.0236			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			2 d			0.0239			mg/L	522
Malathion	Oncorhynchus	tshawytscha	Chinook salmon	MOR	MOR	MORT	LC50			1 d			0.0245			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			1 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			2 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			3 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			4 d			0.0769			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			2 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			3 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			4 d			0.094			mg/L	522
Malathion	Gasterosteus	aculeatus	Threespine stickleback	MOR	MOR	MORT	LC50			1 d			0.0969			mg/L	522
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			1 d			1440			mg/kg bdwt	89466
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	LOAEL			150 d			240			ppm	37838
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	LOAEL			150 d			240			ppm	37838
Malathion	Cryptochironomus	digitatus	Midge		MOR	MORT	NR-LETH			7 d			0.04			lb/acre	17319

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Canis	familiaris	Domestic dog	MOR	MOR	MORT	NR-LETH			0.25	d	<	400			mg/kg bdwt	90698
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			1	d		1			mg/L	2666
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			1	d		10			mg/L	2666
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50			3	d		0.23			ug	58115
Malathion	Apis	sp.	Bee	MOR	MOR	MORT	LD50			3	d		0.46			ug	58115
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			4	d		0.007			mg/L	2667
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			2	d		0.012			mg/L	2667
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			3	d		0.016			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			4	d		0.05			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			3	d		0.0725			mg/L	2667
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			2	d		0.18			mg/L	2667
Malathion	Aedes	nigromaculis	Mosquito		MOR	MORT	LC50			1	d		0.068			mg/L	4431
Malathion	Aedes	nigromaculis	Mosquito		MOR	MORT	LC50			1	d		0.07			mg/L	4431
Malathion	Rana	piplens	Leopard frog	MOR	MOR	MORT	LD50			15	d		150			ppm	50823
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		117.895			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			4	d		314.64			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		367.46			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		878.75			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		878.75			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		879.13			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		974.7			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1091.55			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1118.15			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1155.2			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1156.15			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1223.6			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1309.1			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			4	d		1519.05			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		1452			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		133.8624			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		921.798			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		3682.212			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			2	d		3682.212			mg/kg bdwt	90649
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			3	d		1121			mg/kg bdwt	90649
Malathion	Gammarus	lacustris	Scud		MOR	MORT	LC50			4	d		0.00162			mg/L	528
Malathion	Hesperoperla	pacifica	Golden stonefly, Willow fly		MOR	MORT	LC50			4	d		0.007			mg/L	528
Malathion	Hydropsyche	californica	Caddisfly		MOR	MORT	LC50			4	d		0.0225			mg/L	528
Malathion	Arctopsyche	grandis	Caddisfly		MOR	MORT	LC50			4	d		0.032			mg/L	528
Malathion	Pteronarcys	californica	Stonefly		MOR	MORT	LC50			4	d		0.05			mg/L	528
Malathion	Drunella	grandis	Mayfly		MOR	MORT	LC50			4	d		0.1			mg/L	528
Malathion	Fundulus	similis	Longnose killifish		MOR	MORT	NR-ZERO				ht		0.01			mg/L	46522
Malathion	Hydropsyche	sp.	Caddisfly		MOR	MORT	LC50			1	d		0.0123			mg/L	2158
Malathion	Hexagenia	sp.	Mayfly		MOR	MORT	LC50			1	d		0.631			mg/L	2158
Malathion	Mercenaria	mercenaria	Northern quahog or hard clam		MOR	MORT	NR-ZERO			4	d		37			mg/L	17307

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			2			%	4760
Malathion	Salmo	salar	Atlantic salmon		MOR	MORT	NR-ZERO			d			0.125			lb/acre	4410
Malathion	Passer	domesticus	house sparrow	MOR	MOR	MORT	NR-ZERO			1 d			100			mg/kg bdwt	37921
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			4 d			3.7			mg/L	6722
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			2 d			4.6			mg/L	6722
Malathion	Barbus	dorsalis	Two spot african barb		MOR	MORT	LC50			1 d			6.4			mg/L	6722
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH			1 d			1			lb/acre	57089
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	SURV	LOAEL			19 d			1			mg/eu	85496
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO			45 d			0.498			%	38471
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-LETH			19 d			4980			ppm	38471
Malathion	Crassostrea	virginica	American or virginia oyster		MOR	MORT	LC50			14 d			2.66			mg/L	2400
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			2 d			0.027			mg/L	628
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			4 d			0.027			mg/L	628
Malathion	Thalassoma	bifasciatum	Bluehead wrasse		MOR	MORT	LC50			1 d			0.033			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			2 d			0.08			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			4 d			0.08			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			1 d			0.082			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			2 d			0.082			mg/L	628
Malathion	Anguilla	rostrata	American eel		MOR	MORT	LC50			4 d			0.082			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			4 d			0.125			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			1 d			0.13			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			2 d			0.25			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			4 d			0.25			mg/L	628
Malathion	Fundulus	majalis	Striped killifish		MOR	MORT	LC50			1 d			0.28			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			1 d			0.315			mg/L	628
Malathion	Menidia	menidia	Atlantic silverside		MOR	MORT	LC50			2 d			0.315			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			4 d			0.4			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			2 d			0.44			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			2 d			0.55			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			4 d			0.55			mg/L	628
Malathion	Fundulus	heteroclitus	Mummichog		MOR	MORT	LC50			1 d			0.81			mg/L	628
Malathion	Mugil	cephalus	Striped mullet		MOR	MORT	LC50			1 d		>	0.96			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			4 d			3.25			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			2 d			6			mg/L	628
Malathion	Sphoeroides	maculatus	Northern puffer		MOR	MORT	LC50			1 d			9			mg/L	628
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			54 d			0.0282			mg/L	640
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			15 d			0.066			mg/L	640
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	NR-LETH			16 d			0.066			mg/L	640
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-ZERO	NR-LETH		0.75 d			0.01		0.1	%	70979
Malathion	Pseudacris	triseriata	Western chorus frog		MOR	MORT	LC50			2 d			0.32			mg/L	2891
Malathion	Bufo	woodhousei	Fowler's toad		MOR	MORT	LC50			2 d			0.5			mg/L	2891

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	NR-ZERO			4 d			4.75			mg/L	13456
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC50			4 d			8.0655			mg/L	13456
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			4 d			3.2			mg/L	9276
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			2 d			3.5			mg/L	9276
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			0.958333333 d			4.75			mg/L	9276
Malathion	Catla	catla	Catla		MOR	MORT	LC50			3 d			2.35			mg/L	9277
Malathion	Catla	catla	Catla		MOR	MORT	LC50			2 d			3.3			mg/L	9277
Malathion	Catla	catla	Catla		MOR	MORT	LC50			1 d			6.62			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			4 d			2.25			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			3 d			2.52			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			2 d			6.35			mg/L	9277
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			1 d			7.15			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50			4 d			4.98			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50			2 d			6.32			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50			3 d			6.32			mg/L	9277
Malathion	Labeo	rohita	Rohu		MOR	MORT	LC50			1 d			7.15			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			3.15			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			3 d			4.25			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			2 d			4.65			mg/L	9277
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			1 d			6			mg/L	9277
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO	NR-LETH		1 d			200		800	ppm	36916
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	LD50			1 d			524.8			ppm	36916
Malathion	Leiostomus	xanthurus	Spot	MOR	MOR	MORT	NR-ZERO		<	1.25 d			1			mg/L	19776
Malathion	Aedes	vexans	Mosquito		MOR	MORT	NR-LETH			1 d			0.5			Al lb/acre	2813
Malathion	Aedes	flavescens	Mosquito		MOR	MORT	NR-ZERO			1 d			5			Al lb/acre	2813
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LC50			4 d			0.3136			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			5 d			0.2352			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			3.916666667 d			0.3136			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			2.041666667 d			0.5488			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			0.116666667 d			0.98			mg/L	16946
Malathion	Salmo	salar	Atlantic salmon	MOR	MOR	MORT	LT50			0.03 d			9.8			mg/L	16946
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LC50			8 d		>	5000			ppm	35214
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	NR-ZERO			8 d			5000			ppm	35214
Malathion	Phasianus	colchicus	ring-necked pheasant	MOR	MOR	MORT	LC50			8 d			4320			ppm	35214
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50			8 d			2128			ppm	35214
Malathion	Colinus	virginianus	Northern Bobwhite Quail	MOR	MOR	MORT	LC50			8 d			3497			ppm	35214
Malathion	Wolffia	papulifera	Water-meal		MOR	MORT	NR-LETH			d			100			mg/L	9184
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50			5 d			0.00048			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50			5 d			0.0005			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50			2 d			0.0005			mg/L	887
Malathion	Gammarus	fasciatus	Scud		MOR	MORT	LC50			2 d			0.002			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50			5 d			0.009			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50			2 d			0.025			mg/L	887
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50			5 d			0.06			mg/L	887

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Palaemonetes	kadiakensis	Grass shrimp,freshwater prawn		MOR	MORT	LC50			2 d			0.1			mg/L	887
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50			4 d			0.000285			ug	39126
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			4 d			0.00114			ug	39126
Malathion	Nomia	melanderi	Alkali bee	MOR	MOR	MORT	LD50			4 d			0.002052			ug	39126
Malathion	Zacco	platypus	Oikawa		MOR	MORT	NR-ZERO			d						mg/L	8977
Malathion	Cyprinus	carpio	Carp		MOR	MORT	NR-LETH			1 d			20			mg/L	8737
Malathion	Apis	sp.	Bee	MOR	MOR	MORT	NR-LETH			14 d			0.55			%	50878
Malathion	Penaeus	duorarum	Northern pink shrimp		MOR	MORT	NR-ZERO			3 d						mg/L	2895
Malathion	Melampus	bidentatus	Salt marsh snail		MOR	MORT	LC50			2 d			100			mg/L	7917
Malathion	Melampus	bidentatus	Salt marsh snail		MOR	MORT	LC50			1 d			125			mg/L	7917
Malathion	Phasianus	colchicus	ring-necked pheasant		MOR	MORT	LC50			5 d			2639			mg/kg bdwt	35243
Malathion	Coturnix	japonica	Japanese quail		MOR	MORT	LC50			5 d			2962			mg/kg bdwt	35243
Malathion	Colinus	virginianus	Northern Bobwhite Quail		MOR	MORT	LC50			5 d			3497			mg/kg bdwt	35243
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			5 d		>	5000			mg/kg bdwt	35243
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-LETH		<	4.17E-02 d			1187.5			mg/kg bdwt	89508
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD50			3 d			0.14			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD50			3 d			0.15			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD90			3 d			0.24			oz/acre	89288
Malathion	Neodiprion	tsugae	Hemlock Sawfly	MOR	MOR	MORT	LD90			3 d			0.25			oz/acre	89288
Malathion	Mytilus	edulis	Common bay mussel,blue mussel		MOR	MORT	LC100			4 d			6.9			mg/L	8127
Malathion	Mytilus	edulis	Common bay mussel,blue mussel		MOR	MORT	LC0			4 d			39.4			mg/L	8127
Malathion	NR	Chironomidae	Midge family		MOR	MORT	LC50			1 d			0.03763			mg/L	7954
Malathion	Uca	pugillator	Fiddler crab	MOR	MOR	MORT	NR-LETH			stg			0.1			mg/L	61096
Malathion	Cercaria	sp.	Schistosome Cercaria	MOR	MOR	TDTH	NR-LETH			0 d			162.45			mg/L	7817
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50			3 d			0.08			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50			4 d			0.08			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50			2 d			0.11			mg/L	7775
Malathion	Notonecta	undulata	Backswimmer		MOR	MORT	LC50			1 d			0.22			mg/L	7775
Malathion	Lestes	congener	Damselfly		MOR	MORT	LC50			1 d			0.3			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50			4 d			1			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50			3 d			1.2			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50			2 d			1.5			mg/L	7775
Malathion	Peltodytes	sp.	Beetle		MOR	MORT	LC50			1 d			6.8			mg/L	7775
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			469			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			209			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			707			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1085			mg/kg bdwt	35348
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1806			mg/kg bdwt	35348
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			2 d			0.088			mg/L	7893
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	LC50			4 d			0.0012			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	LC50			4 d			1.33			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NOEC		>=	69 d			0.18			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NR-LETH			12 d			2.4			mg/L	6793
Malathion	Cancer	magister	Dungeness or edible crab		MOR	MORT	NR-LETH			6 d			0.002			mg/L	6793

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Cancer	magister	Dungeness or edible crab		MOR	HTCH	NOEC			1 d		>	0.1			mg/L	6793
Malathion	Rhithropanopeus	harrisii	Mud crab	MOR	MOR	MORT	NOAEL	LOAEL		stg			0.0192		0.048	mg/L	7447
Malathion	Callinectes	sapidus	Blue crab	MOR	MOR	MORT	NOAEL	LOAEL		stg			0.048		0.0768	mg/L	7447
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			209			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			707			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1085			mg/kg bdwt	35349
Malathion	Rattus	norvegicus	Norway rat		MOR	MORT	LD50			1 d			1806			mg/kg bdwt	35349
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	NOEC		<=	140 d			0.004			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LOEC		<=	140 d			0.009			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	NOEC		<=	140 d			0.018			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LOEC		<=	140 d			0.037			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	LC50			4 d			0.051			mg/L	5074
Malathion	Cyprinodon	variegatus	Sheepshead minnow		MOR	MORT	MATC		<=	140 d						mg/L	5074
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	NR-LETH			1 d			0.5			mg/L	7504
Malathion	Cyprinus	carpio	Carp	MOR	MOR	HTCH	LC50			ht			4.57			mg/L	9935
Malathion	Cyprinus	carpio	Carp	MOR	MOR	MORT	NR-LETH			ht			5			mg/L	9935
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			56 d			8000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			56 d			8000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			791 d			8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			791 d			8150			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			56 d			16000			ppm	90648
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			665 d			16000			ppm	90648
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			665 d			16000			ppm	90648
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-LETH			21 d			32000			ppm	90648
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.35			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.6			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.6			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.9			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			7.95			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			8.1			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.8			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			9.2			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			6.95			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			4 d			7.05			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.3			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			3 d			7.65			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			7.85			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			2 d			8			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.7			mg/L	5736
Malathion	Channa	orientalis	Smooth-breasted snakefish		MOR	MORT	LC50			1 d			8.75			mg/L	5736
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.051			mg/L	67468
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.14			mg/L	67468
Malathion	Romanomermis	culicivorax	Parasitic Nematode	MOR	MOR	MORT	LC50			1 d			6.78			mg/L	67468
Malathion	Romanomermis	culicivorax	Parasitic Nematode	MOR	MOR	MORT	LC90			1 d			18.8			mg/L	67468

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Jordaneella	floridae	Flagfish		MOR	MORT	LC50			9 d			0.235			mg/L	995
Malathion	Jordaneella	floridae	Flagfish		MOR	MORT	LC50			4 d			0.349			mg/L	995
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			0.75 d			1210.77			mg/kg bdwt	38431
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NOAEL			17 d			300			mg/kg bdwt	88908
Malathion	Eretes	sticticus	Beetle		MOR	MORT	LC50			2 d			0.43			mg/L	5182
Malathion	Eretes	sticticus	Beetle		MOR	MORT	LC50			1 d			0.52			mg/L	5182
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			2 d			0.73			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			1 d			2.4			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			0.25 d			5.1			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			4.17E-02 d		>	10			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			8.33E-02 d		>	10			mg/L	7119
Malathion	Orthetrum	albistylum	Dragonfly		MOR	MORT	LC50			0.125 d			10			mg/L	7119
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			2 d			7.75			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			1 d			12.5			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			2 d			20.61			mg/L	5629
Malathion	Lepidocephalichthys	thermalis	Loach		MOR	MORT	LC50			1 d			22.69			mg/L	5629
Malathion	Oryzias	latipes	Medaka, high-eyes		MOR	MORT	NR-LETH			d			40			mg/L	14285
Malathion	Heteropneustes	fossilis	Indian catfish	MOR	MOR	MORT	LD50			4 d			15			mg/L	7375
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL			735 d			4055.3			ppm	91065
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			91 d			8000			ppm	91065
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			91 d			8000			ppm	91065
Malathion	Indonaia	caerulea	Unionid clam		MOR	MORT	LT50			3.541666667 d			1			mg/L	8286
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			2 d			0.024			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1 d			0.0303			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC90			2 d			0.0758			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC90			1 d			0.0935			mg/L	5162
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC100			3 d			0.05			mg/L	5162
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			8 d			1.2			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			4 d			2.61			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			8 d			1.65			mg/L	563
Malathion	Carassius	auratus	Goldfish		MOR	MORT	LC50			4 d			3.15			mg/L	563
Malathion	Cricotopus	sp.	Midge		MOR	MORT	LC50			1 d			0.03			mg/L	3671
Malathion	Chironomus	decorus	Midge		MOR	MORT	LC50			1 d			0.07			mg/L	3671
Malathion	Dicrotendipes	californicus	Midge		MOR	MORT	LC50			1 d			0.08			mg/L	3671
Malathion	Cricotopus	sp.	Midge		MOR	MORT	LC50			1 d			0.09			mg/L	3671
Malathion	Dicrotendipes	californicus	Midge		MOR	MORT	LC50			1 d			0.22			mg/L	3671
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			0.125 d			2			mg/L	6726
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	NR-LETH			5.42E-02 d			5			mg/L	6726
Malathion	Lumbriculus	variegatus	Oligochaete, worm		MOR	MORT	LC50			4 d			20.5			mg/L	6502
Malathion	Lumbriculus	variegatus	Oligochaete, worm		MOR	MORT	LC50			2 d			30.9			mg/L	6502
Malathion	Cyprinus	carpio	Carp	MOR	MOR	MORT	LC50			ht			4.57			mg/L	67617
Malathion	Cyprinus	carpio	Carp	MOR	MOR	HTCH	NR-LETH			ht			5			mg/L	67617
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			38			mg/L	470
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			42			mg/L	470

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			45			mg/L	470
Malathion	Lacuna	vincta	Northern Lacuna	MOR	MOR	MORT	NR-LETH			2 d			0.25			mg/L	69472
Malathion	Gammarus	oceanicus	Scud, amphipod	MOR	MOR	MORT	NR-LETH			2 d			0.25			mg/L	69472
Malathion	Idotea	balthica	Aquatic sowbug, Isopod	MOR	MOR	MORT	NR-LETH			2 d			2.5			mg/L	69472
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			0.894			mg/L	14673
Malathion	Aedes	trivittatus	Mosquito		MOR	MORT	LC50			1 d			0.0322			mg/L	4896
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1 d			0.0426			mg/L	4896
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	NOEL			3.47E-04 d			12.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			49.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			101			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LC50			3.47E-04 d			118			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Rana	tigrina	Tiger frog, indian bullfrog		MOR	MORT	NR-LETH		<	4.17E-02 d			60			mg/L	6362
Malathion	Glyptotendipes	paripes	Midge		MOR	MORT	LC50			1 d			0.004			mg/L	5559
Malathion	Goeldichironomus	holoprasinus	Midge		MOR	MORT	LC50			1 d			0.028			mg/L	5559
Malathion	Tanytarsus	sp.	Midge		MOR	MORT	LC50			1 d			0.032			mg/L	5559
Malathion	Chironomus	decorus	Midge		MOR	MORT	LC50			1 d			0.032			mg/L	5559
Malathion	Chironomus	crassicaudatus	Midge		MOR	MORT	LC50			1 d			0.056			mg/L	5559
Malathion	Anas	platyrhynchos	Mallard duck	MOR	MOR	SURV	NR-ZERO			0.666666667 d			427.5			ppm	36631
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			4 d			9.79			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			3 d			10.58			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			2 d			10.96			mg/L	15179
Malathion	Echinometra	mathaei	Sea urchin		MOR	MORT	LC50			1 d			11.75			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4 d			15			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			3 d			16.18			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			2 d			17.18			mg/L	15179
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			1 d			18.49			mg/L	15179
Malathion	Alitropus	typus	Sowbug	MOR	MOR	MORT	LD50			2 d			0.0525			mg/L	89498
Malathion	Daphnia	magna	Water flea		MOR	MORT	LC50			2 d			0.0016			mg/L	5370
Malathion	Poecilia	reticulata	Guppy		MOR	MORT	LC50			4 d			3.1			mg/L	5370
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			4 d			6.136			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			2 d			10.97			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			1 d			13.81			mg/L	14311
Malathion	Viviparus	bengalensis	Snail		MOR	MORT	LC50			3 d						mg/L	14311
Malathion	Oreochromis	mossambicus	Mozambique Tilapia		MOR	MORT	LC50			4 d			0.2901			mg/L	11603
Malathion	Oreochromis	mossambicus	Mozambique Tilapia		MOR	MORT	LC50			4 d			0.7787			mg/L	11603
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			4 d			1.261			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			3 d			1.454			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			2 d			1.687			mg/L	11557
Malathion	Macrobrachium	lamarrei	Prawn		MOR	MORT	LC50			1 d			2.907			mg/L	11557
Malathion	Empoasca	fabae	Potato leafhopper		MOR	MORT	LC50			2.31E-05 d			41.32			ppm	37837
Malathion	Lygus	lineolaris	Tarnished plant bug		MOR	MORT	LC50			2.31E-05 d			68.08			ppm	37837
Malathion	Nabis	americoferus	Damsel bug		MOR	MORT	LC50			2.31E-05 d			273.13			ppm	37837
Malathion	Microhyla	ornata	Frog		MOR	MORT	NR-LETH			3 d			15			mg/L	10830

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Microhyla	ornata	Frog		MOR	MORT	NR-LETH			2 d			20			mg/L	10830
Malathion	Anopheles	albimanus	Mosquito		MOR	MORT	LC50			1 d			0.35			mg/L	11596
Malathion	Apanteles	angaleti	Braconid Wasp	MOR	MOR	MORT	NR-LETH			8.33E-02	d		0.1			%	62601
Malathion	Bracon	kirkpatricki	Braconid Wasp	MOR	MOR	MORT	NR-LETH			8.33E-02	d		0.1			%	62601
Malathion	Clarias	batrachus	Walking catfish		MOR	MORT	NR-LETH			4 d			5.6			mg/L	15547
Malathion	Clarias	batrachus	Walking catfish		MOR	MORT	NR-LETH			4 d			6.2			mg/L	15547
Malathion	Macrobrachium	lamarrei	Prawn	MOR	MOR	MORT	LC50			4 d			0.065			mg/L	71773
Malathion	Chiracanthium	mildei	Yellow Sac Spider	MOR	MOR	MORT	LC50		<=	7 d			0.042			AI % w/w	62603
Malathion	Chiracanthium	mildei	Yellow Sac Spider	MOR	MOR	MORT	LC50		<=	7 d			0.14			AI % w/w	62603
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC0.1			4 d			0.247			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC0.1			4 d			0.57			mg/L	14861
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC50			4 d			3.591			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC50			4 d			4.807			mg/L	14861
Malathion	Alburnus	alburnus	Bleak	MOR	MOR	MORT	LC90			4 d			10.925			mg/L	14861
Malathion	Rhodeus	sericeus	Bitterling	MOR	MOR	MORT	LC90			4 d			11.59			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC0.1			4 d			13.015			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC50			4 d			23.18			mg/L	14861
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC90			4 d			29.545			mg/L	14861
Malathion	Barbus	ticto	Two-spot or Tic tac toe barb		MOR	MORT	MATC			15 d			4			mg/L	10764
Malathion	Barbus	ticto	Two-spot or Tic tac toe barb		MOR	MORT	LC50			4 d			4			mg/L	10764
Malathion	Rasbora	daniconia	Slender rasbora		MOR	MORT	MATC			15 d			6			mg/L	10764
Malathion	Rasbora	daniconia	Slender rasbora		MOR	MORT	LC50			4 d			6			mg/L	10764
Malathion	Amblyseius	tetranychivorus	Predatory Mite	MOR	MOR	MORT	NR-LETH			1 d			200			ml/L	90444
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	HTCH	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	HTCH	NOAEL			56 d			100			ppm	38417
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LD50			3.47E-04	d	>	49.9			lb/acre	35249
Malathion	Anas	platyrhynchos	Mallard duck		MOR	MORT	LD50			3.47E-04	d		118			lb/acre	35249
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL			14 d			297			mg/kg bdwt	36391
Malathion	Lumbricus	rubellus	Earthworm		MOR	MORT	LC50			2 d			0.27			AI ug/cm2	40531
Malathion	Eisenia	fetida	earthworm		MOR	MORT	LC50			2 d			13.5			AI ug/cm2	40531
Malathion	Aedes	aegypti	Yellow fever mosquito		MOR	MORT	LC50			1 d			0.092			mg/L	11009
Malathion	Culicoides	sp.	Midge		MOR	MORT	LC50			1 d			0.0879			mg/L	11965
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			4 d			0.00059			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			2 d			0.000613			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			3 d			0.000613			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			1 d			0.000846			mg/L	11521
Malathion	Rana	hexadactyla	Frog		MOR	MORT	LC50			0.5 d			0.00354			mg/L	11521
Malathion	Entomophthora	muscae	Fungus	MOR	MOR	MORT	NOAEL			1 d			0.5772			%	71029
Malathion	Coenosia	tigrina	Fly	MOR	MOR	MORT	LC50			1 d			0.0792			%	71029
Malathion	Delia	platura	Seedcorn Maggot	MOR	MOR	MORT	LC50			1 d			0.131			%	71029
Malathion	Delia	antiqua	Onion Maggot	MOR	MOR	MORT	LC50			1 d			0.452			%	71029
Malathion	Delia	antiqua	Onion Maggot	MOR	MOR	MORT	LC50			1 d			0.46			%	71029
Malathion	Aphaereta	pallipes	Braconid Wasp	MOR	MOR	MORT	LC50			1 d			0.0093			%	71029
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			0.64			ppm	69374

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			1.01			ppm	69374
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.0245			mg/L	11334
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.065			mg/L	11334
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			0.376			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			0.846			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			3.102			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			3.478			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			1 d			3.76			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			4.7			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			5.546			mg/kg bdwt	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			6.862			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			9.588			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			10.622			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			11.938			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			95.88			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LD50			1 d			230.3			ppm	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			300.8			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			14786.2			ug	19582
Malathion	Mamestra	brassicae	Cabbage moth	MOR	MOR	MORT	LC50			2 d			31142.2			ug	19582
Malathion	Jordanella	floridae	Flagfish		MOR	MORT	LC50			2 d			0.28			mg/L	10687
Malathion	Jordanella	floridae	Flagfish		MOR	MORT	LC50			1 d			0.32			mg/L	10687
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			8.33E-02 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			0.166666667 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			0.25 d		>	100			mg/L	17456
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			1 d						mg/L	17456
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.02639			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.04095			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.15743			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.3185			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10			em			0.4459			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.66066			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			0.69524			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			em			1.19756			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			1.456			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			3.80016			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			9.1182			ug/org	70351
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90			em			11.8937			ug/org	70351
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	LC0			4 d			0.0005			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	NR-ZERO			4 d			0.0005			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	LC50			4 d			0.003			mg/L	14269
Malathion	Katelysia	opima	Marine bivalve	MOR	MOR	MORT	NR-LETH			3.333333333 d			0.008			mg/L	14269
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO			5 d			1320			ppm	50181
Malathion	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50			5 d			2968			ppm	50181
Malathion	Danio	rerio	Zebra danio		MOR	MORT	NR-ZERO			9 d			0.03			mg/L	12047

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			7 d			0.035			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			6 d			0.05			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			5 d			0.105			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			4 d			0.155			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	LC50			3 d			0.165			mg/L	12047
Malathion	Danio	rerio	Zebra danio		MOR	MORT	NR-LETH			4 d			0.21			mg/L	12047
Malathion	Anopheles	stephensi	Mosquito		MOR	MORT	LC50			1 d			0.18			mg/L	11799
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			2.5916			ppm	90668
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			3.89			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			4.51			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			5.1			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			5.94			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			6.59			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			8.21			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			9.16			mg/L	11888
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			9.93			mg/L	11888
Malathion	Culex	pipiens	Northern house mosquito		MOR	MORT	LC50			1 d			0.0421			mg/L	12072
Malathion	Anopheles	gambiae	Mosquito		MOR	MORT	LC50			1 d			0.0518			mg/L	12072
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC50			1 d			0.0621			mg/L	12072
Malathion	Anopheles	gambiae	Mosquito		MOR	MORT	LC50			1 d			0.1024			mg/L	12072
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			4 d			0.08			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			3 d			0.21			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			4 d			0.31			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			2 d			2.03			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			3 d			3.26			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			2 d			10.21			mg/L	6665
Malathion	Anodonta	anatina	Fresh-water mussel		MOR	MORT	LC50			1 d			25			mg/L	6665
Malathion	Anodonta	cygnea	Swan mussel		MOR	MORT	LC50			1 d			43.8			mg/L	6665
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			7 d			200			mg/kg bdwt	87655
Malathion	Lamellidens	marginalis	Mussel		MOR	MORT	LC50			4 d						mg/L	12537
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC10			2 d			66.46			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC25			2 d			81.11			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC50			2 d			100.98			mg/L	126

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC75			2 d			125.69			mg/L	126
Malathion	Lamellidens	marginalis	Mussel	MOR	MOR	MORT	LC90			2 d			153.39			mg/L	126
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	LT50			1.670833333 d			0.2961			mg/L	12182
Malathion	Oncorhynchus	mykiss	Rainbow trout,donaldson trout		MOR	MORT	LC50			4 d			0.16			mg/L	12182
Malathion	Pimephales	promelas	Fathead minnow		MOR	MORT	LC50			4 d			14.1			mg/L	12859
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0026			mg/L	968
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.003			mg/L	968
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0031			mg/L	968
Malathion	Lepidocephalichthys	thermalis	Loach	MOR	MOR	MORT	LC50			4 d			13.79			mg/L	17207
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LC50			2 d			5.397			mg/L	12910
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d		<=	5			ppm	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d		<=	5.3			ppm	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			1			Al % w/w	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-LETH			1 d			1			Al % w/w	91028
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	NR-ZERO			1 d			1			Al % w/w	91028
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			4 d			1.65			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			1.74			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			3 d			2.14			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			3 d			2.92			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			2 d			3.13			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			2 d			6.11			mg/L	765
Malathion	Barbus	sophore	Two spot barb, dotted barb		MOR	MORT	LC50			1 d			6.59			mg/L	765
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			1 d			7.6			mg/L	765
Malathion	Hypophthalmichthys	molitrix	Silver carp		MOR	MORT	NR-ZERO			4 d			1.25			mg/L	17359
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			4 d			0.2			mg/L	5806
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	NR-ZERO			4 d			0.008			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	NR-LETH			2 d			0.026			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			2 d			0.14			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			4 d			0.14			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		MOR	MORT	LC50			1 d			0.3			mg/L	3296
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	NOEC			1 d			11.4			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	NOEC			1 d			38.5			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	LC50			1 d			45.5			mg/L	3827
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	LC50			1 d			59.5			mg/L	3827
Malathion	Brachionus	rubens	Rotifer		MOR	MORT	NOEC			1 d			22.9			mg/L	310
Malathion	Brachionus	rubens	Rotifer		MOR	MORT	LC50			1 d			35.3			mg/L	310
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			90 d			130			ppm	74457
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50			1 d			500			ppm	74457
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0032			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.004			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.005			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0052			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0054			mg/L	2280
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.0057			mg/L	2280

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lepomis	macrochirus	Bluegill		MOR	MORT	LC50			1 d			0.175			mg/L	4086
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC50			1 d			0.033565			mg/L	69778
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LC90			1 d			0.048909			mg/L	69778
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LT50			1 d			50			%	69778
Malathion	Culex	quinquefasciatus	Southern house mosquito		MOR	MORT	LT50			1 d			50			%	69778
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0217			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0228			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.023			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0242			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0243			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0258			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.026			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.026			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0264			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0267			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0276			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0282			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0285			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0288			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.029			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.03			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.03			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0304			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0312			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0312			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0315			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0321			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.033			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.033			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0337			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.034			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0342			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0342			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0349			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0353			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0357			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0371			mg/L	91094

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0375			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0376			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.038			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0381			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0387			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0387			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0389			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0392			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0393			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0393			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0397			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0413			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0443			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0445			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0447			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.045			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0451			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0452			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0459			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0461			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0462			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.047			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0471			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0481			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0482			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0485			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0506			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0508			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0511			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0532			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.054			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0545			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.055			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.058			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0608			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0619			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0626			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.067			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0715			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0719			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0737			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0739			mg/L	91094

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0764			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0804			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0822			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0841			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0856			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0864			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.0921			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.1035			mg/L	91094
Malathion	Culex	nigripalpus	Mosquito	MOR	MOR	MORT	LC90			1 d			0.1188			mg/L	91094
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			1 d			0.15			mg/L	184
Malathion	Eucyclops	sp.	Cyclopoid copepod		MOR	MORT	LC50			2 d			0.001			mg/L	786
Malathion	Diaptomus	sp.	Calanoid copepod		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Cypria	sp.	Ostracod		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Alonella	sp.	Water flea		MOR	MORT	LC50			2 d			0.002			mg/L	786
Malathion	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4 d			9.81			mg/L	66506
Malathion	Tilapia	niloticus	Java tilapia		MOR	MORT	LC50			4 d			5.88			mg/L	166
Malathion	Paratelphusa	hydrodromus	Crab		MOR	MORT	LC50			4 d			6			mg/L	13437
Malathion	Metapenaeus	monoceros	Sand shrimp	MOR	MOR	MORT	LC50			4 d			1.406			mg/L	89575
Malathion	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		<=	7 d			1.65			mg/L	76700
Malathion	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC90		<=	7 d			4			mg/L	76700
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			2 d			0.00344			mg/L	3769
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			1 d			0.01268			mg/L	3769
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-LETH			42 d			5000			ppm	89114
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.012			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.016			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.025			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.064			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.066			mg/L	15472
Malathion	Morone	saxatilis	Striped bass		MOR	MORT	LC50			4 d			0.1			mg/L	15472
Malathion	Rana	tigrina	Tiger frog, indian bullfrog	MOR	MOR	MORT	LC50			6 d			0.17			mg/L	61878
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		<	4 d			4.4			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	2 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		<	0.5 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50			0.5 d			11			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	0.166666667 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50		~	0.166666667 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		~	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		~	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH		<=	0.25 d			27.5			mg/L	89594
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LT50			0.166666667 d			27.5			mg/L	89594
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	91097
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			0.6245			mg/L	91097
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH			1 d			0.625			mg/L	91097
Malathion	Schistosoma	mansonii	Trematode parasite	MOR	MOR	MORT	LC50			8.33E-02 d			153.11			ppm	89188

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Schistosoma	mansoni	Trematode parasite	MOR	MOR	MORT	LC95			8.33E-02	d		245.85			ppm	89188
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4	d		0.874			mg/L	17200
Malathion	Brachionus	calyciflorus	Rotifer		MOR	MORT	LC50			1	d		33.72			mg/L	5096
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LOAEL			1	d		210			ml/ha	90657
Malathion	Aedes	caspius	Mosquito		MOR	MORT	LC50			1	d		4.43			mg/L	13544
Malathion	Culex	pipiens	Mosquito		MOR	MORT	LC50			1	d		4.68			mg/L	13544
Malathion	Aenasius	advena	Parasitic Wasp	MOR	MOR	MORT	NR-LETH			4.17E-02	d		0.1			%	51860
Malathion	Blepyrus	insularis	Parasitic Wasp	MOR	MOR	MORT	NR-LETH			4.17E-02	d		0.1			%	51860
Malathion	Indoplanorbis	exustus	Snail	MOR	MOR	MORT	NR-ZERO			2	d		20			mg/L	90620
Malathion	Indoplanorbis	exustus	Snail	MOR	MOR	MORT	NR-LETH			1	d		100			RA	90620
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4	d		45			mg/L	5064
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2	d		2.96			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2	d		4.96			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2	d		5.28			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2	d		5.32			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2	d		5.84			mg/L	77206
Malathion	Lymnaea	stagnalis	Great pond snail	MOR	MOR	MORT	LC50			2	d		6.72			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2	d		8.4			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2	d		10.76			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2	d		12.84			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2	d		14.88			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2	d		17.24			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2	d		17.76			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2	d		17.88			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2	d		19.12			mg/L	77206
Malathion	Tubifex	sp.	Tubificid worm	MOR	MOR	MORT	LC50			2	d		19.24			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2	d		20			mg/L	77206
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			2	d		20.24			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2	d		24			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2	d		24.8			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2	d		28.68			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2	d		32.52			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2	d		32.84			mg/L	77206
Malathion	Asellus	aquaticus	Aquatic sowbug	MOR	MOR	MORT	LC50			2	d		35.72			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2	d		41.88			mg/L	77206
Malathion	Planorbis	corneus	Great ramshorn snail	MOR	MOR	MORT	LC50			2	d		44.44			mg/L	77206
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			60	d		0.8			mg/L	7085
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			30	d		1.4			mg/L	7085
Malathion	Schistosoma	mansoni	Trematode parasite		MOR	MORT	LC50			0.166666667	d		69.36			mg/L	4696
Malathion	Schistosoma	mansoni	Trematode parasite		MOR	MORT	LC50			8.33E-02	d		107.07			mg/L	4696
Malathion	Schistosoma	mansoni	Trematode parasite		MOR	MORT	NR-LETH			8.33E-02	d		200			mg/L	4696
Malathion	Chironomus	tepperi	Rice bloodworm		MOR	MORT	LC50			1	d		0.0084			mg/L	13398
Malathion	Heteropneustes	fossilis	Indian catfish		MOR	MORT	LC50			4	d		8.5			mg/L	17539
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1	d		0.225			mg/L	81429

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.44			mg/L	81429
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.5			mg/L	81429
Malathion	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	MORT	LD05			1 d			0.0182			mg/L	70395
Malathion	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	MORT	LD50			1 d			0.6916			mg/L	70395
Malathion	Anisops	sp.	Water bug		MOR	MORT	NR-LETH			1 d			0.6			mg/L	17209
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			21 d			880			mg/kg bdwt	87869
Malathion	Toxorhynchites	splendens	Mosquito		MOR	MORT	LC50			2 d			0.0498			mg/L	4139
Malathion	Toxorhynchites	splendens	Mosquito		MOR	MORT	LC50			1 d			0.0691			mg/L	4139
Malathion	Artemia	salina	Brine shrimp	MOR	MOR	MORT	LC50			1 d			37.03			mg/L	70574
Malathion	Artemia	salina	Brine shrimp		MOR	MORT	LC50			1 d			37.03			mg/L	70574
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			4 d			1.98			mg/L	89874
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	NR-LETH			2 d			7.5			mg/L	89874
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	LC50			3 d			16.6			mg/L	89874
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	NR-LETH			3 d			20			mg/L	89874
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			0.71			mg/L	6999
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			2.1			mg/L	6999
Malathion	Cyprinus	carpio	common carp		MOR	MORT	LC50			4 d			12.93			mg/L	6999
Malathion	Notopterus	notopterus	Asiatic knifefish		MOR	MORT	LC50			4 d			0.077			mg/L	4022
Malathion	Americamysis	bahia	Opossum shrimp		MOR	MORT	LC50			4 d			0.011			mg/L	13513
Malathion	Penaeus	duorarum	Northern pink shrimp		MOR	MORT	LC50			4 d			0.012			mg/L	13513
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00044			mg/L	14897
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1117			mg/L	14897
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			19 d			0.25			ml/kg bdwt	89116
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Rhyzopertha	dominica	Lesser grain borer	MOR	MOR	MORT	LOAEL			7 d			3			g/kg sd	90442
Malathion	Steinernema	carpocapsae	Nematode	MOR	MOR	MORT	NOAEL	LOAEL		1 d			10		100	ppm	84164
Malathion	Dugesia	tigrina	Turbellarian, flatworm		MOR	MORT	LC50			4 d			4.4			mg/L	13793
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			2 d			1.48			mg/L	20421
Malathion	NR	Anura	Frog and toad order	MOR	MOR	MORT	LC50			2 d		>	5			mg/L	20421
Malathion	Pomacea	canaliculata	Snail	MOR	MOR	MORT	LC50			2 d			18.68			mg/L	20421
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5.5 d			0.00001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5.57 d			0.0001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			5 d			0.001			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LT50			0.75 d			0.01			mg/L	16371
Malathion	Moina	macrocopa	Water flea		MOR	MORT	NR-LETH			d						mg/L	16371

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Moina	macrocopa	Water flea		MOR	MORT	LC50				d					mg/L	16371
Malathion	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	LC50				4 d		9.7			mg/L	89099
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50				1 d		0.000324			mg/L	89488
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50				1 d		0.000368			mg/L	89488
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50				1 d		0.1917			mg/L	89488
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50				1 d		0.2658			mg/L	89488
Malathion	Creontiades	sp.	Mirid	MOR	MOR	MORT	LOAEL				1 d		0.05			%	75774
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.043			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.05			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.055			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.062			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.065			mg/L	18844
Malathion	Aedes	triseriatus	Mosquito		MOR	MORT	LC50				1 d		0.066			mg/L	18844
Malathion	Aedes	hendersoni	mosquito		MOR	MORT	LC50				1 d		0.066			mg/L	18844
Malathion	Aedes	atropalpus	Mosquito		MOR	MORT	LC50				1 d		0.172			mg/L	18844
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		0.44			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		0.55			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		0.9			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		1.56			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		1.6			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		1.9			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		2			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		2.1			mg/L	61960
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50				1 d		2.2			mg/L	61960
Malathion	Aedes	albopictus	Mosquito		MOR	MORT	LC50				1 d		0.379			mg/L	16077
Malathion	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-ZERO				21 d		264			mg/kg bdwt	87553
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO				21 d		880			mg/kg bdwt	87553
Malathion	Chironomus	tepperi	Rice bloodworm	MOR	MOR	MORT	NOAEL				9 d		0.25			mg/L	89015
Malathion	Chironomus	tepperi	Rice bloodworm	MOR	MOR	MORT	NOAEL	LOAEL			5 d		0.25		0.38	mg/L	89015
Malathion	Sitophilus	zeamais	Weevil	MOR	MOR	MORT	NOAEL				1 d		0.47			l/1000 bu	88993
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				2.97E-02 d		0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.18E-02 d		0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.48E-02 d		0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.94E-02 d		0.05			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				2.38E-02 d		0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.36E-02 d		0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.53E-02 d		0.2			mg/L	16901
Malathion	Daphnia	magna	Water flea		MOR	MORT	LT50				3.88E-02 d		0.2			mg/L	16901
Malathion	Villorita	cyprinoides	Bivalve	MOR	MOR	MORT	NR-ZERO				4 d		0.4			mg/L	60150
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50				2 d		1.9			ng/cm2	89666

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			7.3			ng/cm2	89666
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			16			ng/cm2	89666
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			2 d			2220			ng/cm2	89666
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0003			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00034			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00035			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00037			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00037			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00039			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00039			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.00049			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1245			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1277			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1287			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1307			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1457			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1501			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1617			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1628			mg/L	89490
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000212			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000324			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000362			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000368			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000423			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000437			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000444			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000457			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000481			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000491			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000492			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000499			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000542			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000544			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000571			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000572			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000716			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000731			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000813			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.000835			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0749			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.0978			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1152			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1182			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1243			mg/L	89489

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1286			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1304			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1397			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.1421			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.15			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.191			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2061			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2137			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2256			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2401			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.2541			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.265			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3325			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3436			mg/L	89489
Malathion	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50			1 d			0.3618			mg/L	89489
Malathion	Ceriatgrion	sp.	Damsel fly		MOR	MORT	LD50			1 d			0.1			mg/L	45081
Malathion	NR	Odonata	Dragonfly order		MOR	MORT	LD50			1 d			0.11			mg/L	45081
Malathion	Agriocnemis	sp.	Damsel fly		MOR	MORT	LD50			1 d			0.15			mg/L	45081
Malathion	Musca	domestica	House fly		MOR	MORT	LD50			1 d			3.73			mg/kg bdwt	19998
Malathion	Musca	domestica	House fly		MOR	MORT	LD50			1 d			7.03			ppm	19998
Malathion	Spodoptera	littoralis	Egyptian cotton leafworm		MOR	MORT	LC50			2 d			13.09			mg/kg bdwt	19998
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	NR-ZERO			4 d			4.55			mg/L	14166
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	LD50			4 d			4.68			mg/L	14166
Malathion	Cirrhinus	mrigala	Carp, hawk fish		MOR	MORT	NR-LETH			1 d			5.25			mg/L	14166
Malathion	Amblyseius	victoriensis	Predatory mite	MOR	MOR	MORT	NR-LETH			2 d			0.05			AI %	67984
Malathion	Typhlodromus	doreenae	Doreen's predatory mite	MOR	MOR	MORT	NR-LETH			2 d			0.5			AI %	67984
Malathion	Melanotaenia	fluviatilis	Crimson-spotted rainbowfish		MOR	MORT	LC50			4 d			2.09			mg/L	15030
Malathion	Spizella	breweri	Brewer's Sparrow	MOR	MOR	MORT	NR-ZERO			730 d			585			g/ha	89113
Malathion	Oreoscoptes	montanus	Sage Thrasher	MOR	MOR	MORT	NR-ZERO			730 d			585			g/ha	89113
Malathion	Cyprinion	watsoni	Cyprinid fish		MOR	MORT	NR-ZERO			1 d			2.565			mg/L	6638
Malathion	Cyprinion	watsoni	Cyprinid fish		MOR	MORT	LC50			1 d			4.5201			mg/L	6638
Malathion	NR	Penaeus vannamei	NR		MOR	MORT	LC50			4 d			0.02146			mg/L	16752
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	LD50			1 d			650			mg/kg bdwt	85173
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.06211			mg/L	59254
Malathion	Toxorhynchites	splendens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.22208			mg/L	59254
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.23219			mg/L	59254
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.63378			mg/L	59254
Malathion	Dreissena	polymorpha	Zebra mussel		MOR	MORT	NR-ZERO			4 d			4.7			mg/L	17020
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			67			mg/L	18363
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			75			mg/L	18363
Malathion	Brachionus	plicatilis	Rotifer		MOR	MORT	EC50			1 d			79			mg/L	18363
Malathion	Artemia	sp.	Brine shrimp		MOR	MORT	EC50			1 d		>	140			mg/L	18363
Malathion	Clarias	gariepinus	Zambezi barbel	MOR	MOR	MORT	NOAEL	LOAEL		5 d			2.45		4.9	mg/L	88998
Malathion	Heterorhabditis	bacteriophora	Nematode	MOR	MOR	MORT	NR-LETH			3 d			800			ppm	90655

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	NR-LETH			1 d			1			%	67754
Malathion	Megaloniaias	nervosa	Washboard mussel		MOR	MORT	LC50			1 d			22			mg/L	17860
Malathion	Lampsilis	teres	Yellow sandshell		MOR	MORT	LC50			0.166666667 d			28			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			324			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			366			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			374			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			4 d			24			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			4 d			28			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			2 d			32			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			3 d			32			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			4 d			32			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			3 d			40			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			40			mg/L	17860
Malathion	Lampsilis	subangulata	Shiny-rayed pocketbook		MOR	MORT	LC50			1 d			43			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			2 d			48			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			3 d			50			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			2 d			54			mg/L	17860
Malathion	Elliptio	icterina	Variable spike		MOR	MORT	LC50			1 d			61			mg/L	17860
Malathion	Lampsilis	straminea	Southern fatmucket		MOR	MORT	LC50			1 d			62			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			74			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			96			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			111			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			140			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			160			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			165			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			4 d			180			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			192			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			3 d			199			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			215			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			220			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			263			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			280			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			295			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			326			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			365			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			391			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			463			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			568			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			2 d			7			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			1 d			8			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d			54			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			74			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			4 d			109			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			117			mg/L	17860

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			119			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			4 d			142			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			3 d			154			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			161			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			2 d			181			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			196			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			4 d			219			mg/L	17860
Malathion	Villosa	lienosa	Little spectacle case		MOR	MORT	LC50			1 d		>	231			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			3 d			255			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			3 d			262			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			341			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			2 d			354			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			2 d			363			mg/L	17860
Malathion	Villosa	villosa	Downy rainbow mussel		MOR	MORT	LC50			1 d			431			mg/L	17860
Malathion	Utterbackia	imbecillis	Paper pondshell		MOR	MORT	LC50			1 d			667			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			1 d			54			mg/L	17860
Malathion	Lampsilis	siliquoidea	Lamp-mussel		MOR	MORT	LC50			2 d			59			mg/L	17860
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.018			mg/L	72752
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.036			mg/L	72752
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.038			mg/L	72752
Malathion	Paratya	compressa	Freshwater shrimp		MOR	MORT	LC50			4 d			0.00362			mg/L	18945
Malathion	Ceriodaphnia	dubia	Water flea		MOR	MORT	EC50			5.21E-02 d			0.0447			mg/L	18961
Malathion	Brachionus	calyciflorus	Rotifer		MOR	MORT	LC50			1 d			80.84			mg/L	18961
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	LOAEL			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-ZERO			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-LETH			30 d			10.615			ppm	89016
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			35 d			0.00558			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			25 d			0.00648			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.00906			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			18 d			0.01298			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.01324			mg/L	14346
Malathion	Palaemonetes	pugio	Daggerblade grass shrimp		MOR	MORT	LC50			4 d			0.03819			mg/L	14346
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0072			mg/L	19281
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0205			mg/L	19281
Malathion	Tigriopus	brevicornis	Harpacticoid copepod		MOR	MORT	LC50			4 d			0.0243			mg/L	19281
Malathion	Grapholita	molesta	Oriental fruit moth	MOR	MOR	MORT	LC50			8.33E-02 d			11.4			ppm	63915
Malathion	Grapholita	molesta	Oriental fruit moth	MOR	MOR	MORT	LC99			8.33E-02 d			50			ppm	63915
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			4 d			2.2			mg/L	20087
Malathion	Culex	fatigans	Mosquito	MOR	MOR	MORT	LC50			1 d			0.2565			mg/L	75611
Malathion	Cloeon	sp.	Mayfly		MOR	MORT	LC50			1 d			0.0055			mg/L	20475
Malathion	Culiseta	longiareolata	Mosquito		MOR	MORT	LC50			1 d			0.017			mg/L	20475
Malathion	Daphnia	magna	Water flea		MOR	MORT	LC50			1 d			0.00235			mg/L	20475
Malathion	Procambarus	clarkii	Red swamp crayfish		MOR	MORT	LC50			4 d			1.34			mg/L	20475
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			4 d			0.3			mg/L	20475

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Octodon	degus	Brush Tail Rat	MOR	MOR	MORT	LC50			3 d			436			mg/kg bdwt	91587
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			4 d			0.00229			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			4 d			0.00465			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			3 d			0.00585			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			3 d			0.01943			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			2 d			1.2			mg/L	51439
Malathion	Gammarus	palustris	Gammarid amphipod		MOR	MORT	LC50			2 d			26			mg/L	51439
Malathion	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50			1 d			0.231			ug/bee	88070
Malathion	Nomia	melanderi	Alkali bee	MOR	MOR	MORT	LD50			1 d			0.312			ug/bee	88070
Malathion	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	LD50			1 d			0.467			ug/bee	88070
Malathion	Ovis	aries	Domestic Sheep	MOR	MOR	MORT	NR-LETH			6 d			25			ppm	85637
Malathion	Ovis	aries	Domestic Sheep	MOR	MOR	MORT	NR-LETH			1 d			50			ppm	85637
Malathion	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			2 d			1.16			%	84380
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL			1 d			2			lit	74951
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-ZERO			30 d			1.0615			ppm	89577
Malathion	Bufo	woodhousei	Woodhouse's Toad	MOR	MOR	MORT	NR-LETH			30 d			10.615			ppm	89577
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			6.6			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			8.8			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-ZERO			4 d			13.2			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			15.07			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			17.38			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	LC50			4 d			18.81			ppm	52962
Malathion	Drawida	willsi	Field earthworm	MOR	MOR	MORT	NR-LETH			4 d			22			ppm	52962
Malathion	Nothobranchius	guentheri	Killifish		MOR	MORT	EC50			1 d			2.9			mg/L	20487
Malathion	Nothobranchius	guentheri	Killifish		MOR	MORT	LC50			1 d			6.9			mg/L	20487
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.04465			mg/L	62487
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.70965			mg/L	62487
Malathion	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	SURV	NOAEL	LOAEL		14 d			0.1996		0.7984	mg/L	59285
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	LC25			1 d			0.1026			mg/L	89181
Malathion	Culex	pipiens	Northern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1425			mg/L	89181
Malathion	Anopheles	quadrimaculatus	Common malaria mosquito		MOR	MORT	LC50			2 d			0.001			mg/L	56989
Malathion	Gambusia	affinis	Western mosquitofish		MOR	MORT	LC50			2 d			1.23			mg/L	56989
Malathion	Streptocephalus	sudanicus	Fairy Shrimp	MOR	MOR	MORT	EC50			2 d			67.75			mg/L	59962
Malathion	Anisops	sardeus	Backswimmer	MOR	MOR	MORT	LC50			2 d			0.0422			mg/L	59962
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NOAEL	LOAEL		28 d			1.92		2.4	mg/L	56687
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.43165			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.62662			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.76436			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.10192			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.36479			mg/L	82057
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.66064			mg/L	82057

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Clarias	gariepinus	Zambezi barbel	MOR	MOR	MORT	NOAEL	LOAEL		5 d			1.225		2.45	mg/L	65919
Malathion	Ctenocephalides	felis	Cat flea	MOR	MOR	MORT	NR-LETH			1 d			93			AI mg/m2	68605
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1 d			0.458			mg/eu	68165
Malathion	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1 d			116.599			mg/eu	68165
Malathion	Spirostomum	ambiguum	Protozoa	MOR	MOR	MORT	LC50			1 d			73.7			mg/L	69821
Malathion	Procambarus	clarkii	Red swamp crayfish	MOR	MOR	MORT	LC50			4 d			0.875			mg/L	71856
Malathion	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	NOAEL			120 hpf			5940			ug/L	76738
Malathion	Anabas	testudineus	Climbing perch	MOR	MOR	MORT	LC50			4 d			16			mg/L	88437
Malathion	Bufo	americanus	American toad	MOR	MOR	SURV	NOAEL	LOAEL		16 d			1		2	mg/L	86767
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			1		2	mg/L	86767
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NOAEL			16 d			2			mg/L	86767
Malathion	Rana	clamitans	Green frog	MOR	MOR	SURV	NOAEL			16 d			2			mg/L	86767
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NOAEL			16 d			2			mg/L	86767
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.05			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.1			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.2			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			0.9			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			3.5			mg/L	88223
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			20			mg/L	88223
Malathion	Homarus	americanus	American lobster	MOR	MOR	MORT	LC50			4 d			0.038			mg/L	73331
Malathion	Lepomis	macrochirus	Bluegill	MOR	MOR	MORT	LC50			4 d			0.3366			mg/L	77525
Malathion	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			1 d			12.38			nM	72805
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	NOAEL	LOAEL		16 d			0.506		2.53	mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LOAEL			16 d			0.0506			mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	LC50			16 d			0.6325			mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LC50			16 d			0.759			mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	LC50			16 d			1.2144			mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	LC50			16 d			1.8469			mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	LC50			16 d			2.08978			mg/L	72798
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NR-LETH			16 d			2.53			mg/L	72798
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	MORT	NR-LETH			16 d			2.53			mg/L	72798
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	LC50			16 d			2.9854			mg/L	72798
Malathion	Bufo	americanus	American toad	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	MORT	NR-LETH			16 d			5.06			mg/L	72798
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC50			4 d			1.48			mg/L	74220
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC50			4 d			2.12			mg/L	74220
Malathion	Colisa	fasciata	Giant gourami	MOR	MOR	MORT	LC90			4 d			3.02			mg/L	74220
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			6.61			mg/L	81095

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	LC50			4 d			6.65			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish	MOR	MOR	MORT	NR-ZERO			4 d		~	16			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			6.61			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	LC50			4 d			6.65			mg/L	81095
Malathion	Channa	punctata	Snake-head catfish		MOR	MORT	NR-LETH			4 d		~	16			mg/L	81095
Malathion	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	NR-LETH			2 d			0.010615			ug	89001
Malathion	Bufo	marinus	Giant toad	MOR	MOR	MORT	NR-LETH			2 d			0.010615			ug	89001
Malathion	Dytiscus	sp.	Diving beetle	MOR	MOR	SURV	LOAEL			23 d			0.315			mg/L	86886
Malathion	Bufo	americanus	American toad	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Rana	piapiens	Leopard frog	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Notophthalmus	viridescens	Salamander	MOR	MOR	SURV	NOAEL			23 d			0.315			mg/L	86886
Malathion	Sciaenops	ocellatus	Red drum	MOR	MOR	SURV	NOAEL	LOAEL		4 d			0.098		0.196	mg/L	81672
Malathion	Sciaenops	ocellatus	Red drum	MOR	MOR	MORT	NR-LETH			1 d			1.96			mg/L	81672
Malathion	Sparus	aurata	Gilthead Seabream	MOR	MOR	MORT	NR-ZERO			4 d			0.4			mg/L	88204
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0671365			mg/L	89198
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0696195			mg/L	89198
Malathion	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d			19.93085			mg/L	89198
Malathion	Colpoda	inflata	Soil ciliate	MOR	MOR	MORT	LOAEL			8.33E-02 d			0.0000024			v/v	88378
Malathion	Colpoda	inflata	Soil ciliate	MOR	MOR	MORT	NR-LETH			6.94E-03 d			0.00024			v/v	88378
Malathion	Apis	cerana	Asiatic Honey Bee	MOR	MOR	MORT	LOAEL			2 d			0.01			%	88463
Malathion	Apis	cerana	Asiatic Honey Bee	MOR	MOR	MORT	LOAEL			2 d			0.1			%	88463
Malathion	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	NOAEL	LOAEL		30 d			0.001		1	mg/L	118382
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.0084			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.01225			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.0161			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.02818			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.04055			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.05292			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.06529			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.07766			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.09003			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.1024			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.11477			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.14675			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.17873			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.24498			mg/L	118362
Malathion	Chironomus	plumosus	Midge	MOR	MOR	MORT	LC50			4 d			0.26199			mg/L	118362
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.293468			mg/L	109633
Malathion	Rana	palustris	Pickeral frog	MOR	MOR	MORT	NR-ZERO			2 d			4.6			mg/L	112582
Malathion	Rana	palustris	Pickeral frog	MOR	MOR	MORT	LC50			2 d						mg/L	112582
Malathion	Rana	palustris	Pickeral frog	MOR	MOR	MORT	NR-LETH			2 d		~	25			mg/L	112582
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		<=	7 d			1035.5			mg/kg bdwt	108637
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD0		<=	7 d			722.95			mg/kg bdwt	108637

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD100		<=	7 d			1348.05			mg/kg bdwt	108637
Malathion	Acantholyda	erythrocephala	Pine false webworm	MOR	MOR	HTCH	NOAEL			6 d			200			AI g/ha	99803
Malathion	Acantholyda	erythrocephala	Pine false webworm	MOR	MOR	MORT	LOAEL			12 d			200			AI g/ha	99803
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	SURV	NOAEL			78 d						mg/L	118292
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	SURV	NOAEL			78 d			0.3			mg/L	118292
Malathion	Rana	sylvatica	Wood frog	MOR	MOR	SURV	NOAEL			51 d			0.19			mg/L	118292
Malathion	Rana	pipiens	Leopard frog	MOR	MOR	SURV	NOAEL			78 d						mg/L	118292
Malathion	NR	Helisoma trivolvis	NR	MOR	MOR	SURV	NOAEL			28 d			0.0096			mg/L	112912
Malathion	Echinostoma	trivolvis	Trematode	MOR	MOR	LFSP	NOAEL			1.083333333 d			0.0096			mg/L	112912
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NOAEL			7 d			0.0096			mg/L	112912
Malathion	Rana	clamitans	Green frog	MOR	MOR	MORT	NOAEL			14 d			0.0096			mg/L	112912
Malathion	NR	Helisoma trivolvis	NR	MOR	MOR	MORT	NR-ZERO			28 d			0.0096			mg/L	112912
Malathion	Danio	rerio	Zebra danio	MOR	MOR	HTCH	NOEC	LOEC		80 hpf			3		6.1 uM		108092
Malathion	Mus	musculus	House mouse	MOR	MOR	SURV	NOAEL	LOAEL		1 d			8.7		87 uM		118159
Malathion	Ictalurus	furcatus	Blue catfish	MOR	MOR	MORT	LC50			4 d			17			mg/L	112921
Malathion	Simulium	vittatum	Blackfly	MOR	MOR	MORT	LC50			2 d			0.0542			mg/L	71060
Malathion	Hyla	chrysoscelis	Southern grey tree frog	MOR	MOR	SURV	NOAEL			43 d			0.5			mg/L	115418
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC01			8 d			0.1411			mg/L	563
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC01			8 d			0.4396			mg/L	563
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	NR-LETH			8 d			5.5			mg/L	563
Malathion	Carassius	auratus	Goldfish	MOR	MOR	MORT	NR-LETH			8 d			5.24			mg/L	563
Malathion	Sitophilus	oryzae	Rice weevil	MOR	MOR	MORT	LC50			1 d			0.21			ppm	69725
Malathion	Sitophilus	oryzae	Rice weevil	MOR	MOR	MORT	LC95			1 d			0.68025			ppm	69725
Malathion	Sitophilus	sp.	Weevil	MOR	MOR	MORT	LC50			1 d			0.27175			ppm	69725
Malathion	Sitophilus	sp.	Weevil	MOR	MOR	MORT	LC95			1 d			1.22825			ppm	69725
Malathion	Sitotroga	cerealella	Angoumais Grain Moth	MOR	MOR	MORT	LC50			1 d			0.068			ppm	69725
Malathion	Sitotroga	cerealella	Angoumais Grain Moth	MOR	MOR	MORT	LC95			1 d			0.45925			ppm	69725
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	NR-LETH			1 d			3.125			mg/L	111329
Malathion	NR	Hymenoptera	Bee order	MOR	MOR	MORT	LOAEL			0.291666667 d			0.525			AI l/ha	111099
Malathion	NR	Hymenoptera	Bee order	MOR	MOR	MORT	NR-LETH			0.291666667 d			0.525			AI l/ha	111099
Malathion	Daphnia	magna	Water flea	MOR	MOR	SURV	LC50			21 d			0.00065			mg/L	117172
Malathion	Daphnia	magna	Water flea	MOR	MOR	SURV	LC50			21 d			0.00074			mg/L	117172
Malathion	Cirrhinus	mrigala	Carp, hawk fish	MOR	MOR	MORT	LC50			4 d			7.5			mg/L	118383
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95			1 d			0.47			mg/L	74860
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95			1 d			0.65			mg/L	74860
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95			1 d			0.23			mg/L	74860
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			3.20973			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.60819			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			1.18243			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			5.89663			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.1834			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.66251			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.52768			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.71496			mg/L	113471

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			1.66064			mg/L	113471
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.43165			mg/L	113471
Malathion	Loxostege	sticticalis	Beet Webworm	MOR	MOR	MORT	LD50			1 d			2.39			ppm	100430
Malathion	Loxostege	sticticalis	Beet Webworm	MOR	MOR	MORT	LD50			1 d			2320			ppm	100430
Malathion	Labeo	rohita	Rohu	MOR	MOR	MORT	LC50			4 d			4.5			mg/L	118200
Malathion	Campoletis	sp.	Parasitic Wasp	MOR	MOR	MORT	LD50			1 d			0.0064			ug/org	113287
Malathion	Branchiura	sowerbyi	Oligochaete	MOR	MOR	MORT	NR-LETH			3 d			4			mg/L	2798
Malathion	Branchiura	sowerbyi	Oligochaete	MOR	MOR	MORT	NR-ZERO			3 d			4			mg/L	2798
Malathion	Branchiura	sowerbyi	Oligochaete	MOR	MOR	MORT	NR-LETH			3 d			4			mg/L	2798
Malathion	Bathyplectes	curculionis	Parasitic wasp	MOR	MOR	MORT	LC50			1 d			0.0018			AI %	114312
Malathion	Coleotechnites	milleri	Lodgepole Needleminer	MOR	MOR	MORT	LOAEL			14 d			454			AI g/378 L	99767
Malathion	Coleotechnites	milleri	Lodgepole Needleminer	MOR	MOR	MORT	LOAEL			28 d			454			AI g/378 L	99767
Malathion	Coleotechnites	milleri	Lodgepole Needleminer	MOR	MOR	MORT	LOAEL			56 d			454			AI g/378 L	99767
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			0.54			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			0.78			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			1.23			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			1.27			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			1.73			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			1.94			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			2.07			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			2.29			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			2.36			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			2.37			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			3.11			ppm	91027
Malathion	Aphytis	melinus	Red Scale Parasite	MOR	MOR	MORT	LC50			1 d			4.22			ppm	91027
Malathion	Diaeretiella	rapae	Parasitoid Wasp	MOR	MOR	MORT	LC50			em			0.08			AI %	114765
Malathion	Camponotus	pennsylvanicus	Black Carpenter Ant	MOR	MOR	MORT	LC50			1 d			0.49926			ug/eu	109064
Malathion	Camponotus	novaeboracensis	Red Carpenter Ant	MOR	MOR	MORT	LC50			1 d			0.67824			ug/eu	109064
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			1.498			mg/L	111462
Malathion	Anopheles	sp.	Mosquito	MOR	MOR	MORT	LC50			1 d			1.237			mg/L	111462
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.8097			mg/L	111462
Malathion	Anopheles	sp.	Mosquito	MOR	MOR	MORT	LC90			1 d			4.893			mg/L	111462
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC90			1 d			4.105			mg/L	111462
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d			7.31			mg/L	111462
Malathion	Rasbora	daniconia	Slender rasbora	MOR	MOR	MORT	LC50			4 d		~	4			mg/L	10763
Malathion	Barbus	ticto	Two-spot or Tic tac toe barb	MOR	MOR	MORT	LC50			4 d		~	4			mg/L	10763
Malathion	Cyprinus	carpio	common carp	MOR	MOR	MORT	NR-LETH			2 d			30			mg/L	11464
Malathion	Perca	fluviatilis	Perch	MOR	MOR	MORT	NR-ZERO			2 d			0.005			mg/L	11464
Malathion	Allorhogas	pyralophagus	Ichneumonid wasp	MOR	MOR	MORT	NR-LETH			1 d			0.09			%	109653
Malathion	Prostephanus	truncatus	Larger Grain Borer	MOR	MOR	MORT	EC50			1 d			0.16			AI ug/org	117920
Malathion	Prostephanus	truncatus	Larger Grain Borer	MOR	MOR	MORT	EC99			1 d			1.63			AI ug/org	117920
Malathion	Prostephanus	truncatus	Larger Grain Borer	MOR	MOR	MORT	EC50			1 d			0.68			% w/v	117920
Malathion	Prostephanus	truncatus	Larger Grain Borer	MOR	MOR	MORT	EC99			1 d			5.46			% w/v	117920
Malathion	Anopheles	albimanus	Mosquito	MOR	MOR	MORT	LD50			1 d			0.000375			ug/org	111057

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Anopheles	gambiae	Mosquito	MOR	MOR	MORT	LD50			1 d			0.0009			ug/org	111057
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LD50			1 d			0.00085			ug/org	111057
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0175			mg/L	111057
Malathion	Anopheles	gambiae	Mosquito	MOR	MOR	MORT	LC50			1 d			0.0095			mg/L	111057
Malathion	Anopheles	albimanus	Mosquito	MOR	MOR	MORT	LC50			1 d			0.006			mg/L	111057
Malathion	Colinus	virginianus	Northern Bobwhite Quail	MOR	MOR	MORT	NR-ZERO			35 d			0.38			Al lb/acre	2901
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			35 d			0.38			Al lb/acre	2901
Malathion	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LOEL		~	112 d			240			ppm	104601
Malathion	Hyla	versicolor	Gray tree frog	MOR	MOR	SURV	NOAEL			d			0.0058			mg/L	114296
Malathion	Rana	piplens	Leopard frog	MOR	MOR	SURV	NOAEL		~	40 d			0.0058			mg/L	114296
Malathion	Bufo	americanus	American toad	MOR	MOR	SURV	LOAEL			21 d			0.14			mg/L	118388
Malathion	NR	Insecta	Insect class	MOR	MOR	SURV	NOAEL			21 d			0.46			mg/L	118388
Malathion	Anax	junius	Dragonfly	MOR	MOR	SURV	NOAEL			21 d			0.46			mg/L	118388
Malathion	Belostoma	flumineum	Giant Water Bug	MOR	MOR	SURV	NOAEL			21 d			0.46			mg/L	118388
Malathion	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			7 d			10			%	118162
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.188448			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.55968			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.7776			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.31296			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.33888			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.73632			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.855264			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.460896			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.340704			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.711552			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.60384			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.276864			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50			1 d			0.2496			mg/L	117636
Malathion	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC90			1 d			0.4704			mg/L	117636
Malathion	Trichogaster	pectoralis	Snake-skinned gourami	MOR	MOR	MORT	LC50			4 d			0.560424			mg/L	118389
Malathion	Trichogaster	pectoralis	Snake-skinned gourami	MOR	MOR	MORT	LC95			4 d			0.759867			mg/L	118389
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	MOR	MOR	MORT	LC50			4 d			0.165357			mg/L	118389
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	MOR	MOR	MORT	LC95			4 d			0.768474			mg/L	118389
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	MOR	MOR	MORT	LC50			4 d			0.443859			mg/L	118389
Malathion	Oreochromis	mossambicus	Mozambique Tilapia	MOR	MOR	MORT	LC95			4 d			0.850725			mg/L	118389
Malathion	Bison	bison	American Bison	MOR	MOR	MORT	NR-ZERO			30 d			2.5			%	107371
Malathion	Apis	cerana	Thai Honey Bee	MOR	MOR	MORT	LC50			1 d			0.04289			%	107122
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.097			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC90			1 d			0.177			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC90			1 d			0.245			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.137			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.131			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC90			1 d			0.225			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC90			1 d			0.478			mg/L	114582

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.268			mg/L	114582
Malathion	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50			1 d			0.086			mg/L	114582
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0912			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1026			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.04104			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.05301			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.04959			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1539			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1026			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.057			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0342			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0513			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.1026			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0456			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.057			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.057			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0627			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0969			mg/L	114701
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d			0.0798			mg/L	114701
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT95			2.81E-02 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT50			1.81E-02 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT50			1.79E-02 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT95			0.03125 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT95			3.28E-02 d			5			%	99646
Malathion	Culex	sitiens	Mosquito	MOR	MOR	MORT	LT50			1.78E-02 d			5			%	99646
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LT50			1.37E-02 d			5			%	99646
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LT95			2.17E-02 d			5			%	99646
Malathion	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	99646
Malathion	Anopheles	sundaicus	Mosquito	MOR	MOR	MORT	NR-LETH			1 d			5			%	99646
Malathion	Anopheles	sundaicus	Mosquito	MOR	MOR	MORT	LT95			0.06375 d			5			%	99646
Malathion	Anopheles	sundaicus	Mosquito	MOR	MOR	MORT	LT50			3.10E-02 d			5			%	99646
Malathion	Manduca	quinquemaculata	Tomato Hornworm	MOR	MOR	MORT	NR-ZERO			0.75 d			0.01			% w/v	99406
Malathion	Labeo	rohita	Rohu	MOR	MOR	MORT	LC50			4 d			4.5			mg/L	118295
Malathion	Zea	mays	Corn	GRO	MPH	LGTH	LOAEL			21 d			30			ppm	70355
Malathion	Pisum	sativum	Pea	GRO	MPH	LGTH	LOAEL			21 d			30			ppm	70355
Malathion	Coturnix	japonica	Japanese quail		MPH	WGHT	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat		MPH	WGHT	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			17 d			300			mg/kg bdwt	88908
Malathion	Anas	platyrhynchos	Mallard duck		MPH	LGTH	NOEL			3.47E-04 d			12.5			lb/acre	35250
Malathion	Anas	platyrhynchos	Mallard duck		MPH	LGTH	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Gallus	domesticus	Domestic Chicken	GRO	MPH	SMIX	LOAEL			90 d			400			ppm	89120

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		>	84 d			44			mg/kg bdwt	89191
Malathion	Triticum	aestivum	Bread wheat	GRO	MPH	WGHT	LOAEL			4 d			49.95			ppm	90623
Malathion	Oryctolagus	cuniculus	European Rabbit	GRO	MPH	WGHT	NOAEL			20 d			70			mg/kg bdwt	89087
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL		105 d			1.6		24	ppm/d	89875
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	WDTH	NOAEL	LOAEL		4 d			0.14		0.24	mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	DMTR	LOAEL			4 d			0.02			mg/L	88989
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	DMTR	LOAEL			4 d			0.06			mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	LGTH	LOAEL			4 d			0.1			mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	WDTH	NOAEL			4 d			0.2			mg/L	88989
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	LGTH	NOAEL			4 d			0.26			mg/L	88989
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL			85 d			44			mg/kg bdwt	89311
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL			90 d			9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			90 d			6.51			ppm	89273
Malathion	Mus	musculus	House mouse	GRO	MPH	SIZE	LOAEL			15 d			125			ug/g bdwt	90622
Malathion	Xenopus	laevis	African clawed frog	GRO	MPH	DMTR	LOAEL			4 d			2.85			uM	88912
Malathion	Phasianus	colchicus	ring-necked pheasant	GRO	MPH	WGHT	NOAEL	LOAEL		3 d			87.4		218.5	mg/kg bdwt	63276
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	MPH	LGTH	LOAEL			730 d			585			g/ha	89113
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	LOAEL			20 d			4000			ppm	40241
Malathion	Alectoris	rufa	Red-legged partridge	GRO	MPH	SMIX	NOAEL			1 d			600000			ppm	40317
Malathion	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL			105 d			100			ug/d	88955
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL		154 d			20		50	ppm	90630
Malathion	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL	LOAEL		56 d			50		100	ppm	90630
Malathion	Abelmoschus	esculentus	Okra	GRO	MPH	HGHT	NOAEL			hv			0.1			%	47607
Malathion	Heteropneustes	fossilis	Indian catfish	GRO	MPH	THIK	LOAEL			1 d			2			mg/L	89245
Malathion	NR	Plantae	Plant kingdom	GRO	MPH	LGTH	NOAEL			15 d			300			Al g/ha	60146
Malathion	Bufo	woodhousei	Woodhouse's Toad	GRO	MPH	SMIX	LOAEL			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	GRO	MPH	NLRG	LOAEL			30 d			1.0615			ppm	89577
Malathion	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL	LOAEL		30 d			3.6		90	mg/kg bdwt	90644
Malathion	Spirostomum	ambiguum	Protozoa	GRO	MPH	ABNM	EC50			1 d			39.1			mg/L	69821
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Zea	mays	Corn	GRO	MPH	LGTH	LOAEL			21 d			30			ppm	70355
Malathion	Pisum	sativum	Pea	GRO	MPH	LGTH	LOAEL			21 d			30			ppm	70355
Malathion	Coturnix	japonica	Japanese quail		MPH	WGHT	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat		MPH	WGHT	LOEL			60 d			100			mg/kg bdwt	35083
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			17 d			300			mg/kg bdwt	88908
Malathion	Anas	platyrhynchos	Mallard duck		MPH	LGTH	NOEL			3.47E-04 d			12.5			lb/acre	35250

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Anas	platyrhynchos	Mallard duck		MPH	LGTH	LOEL			3.47E-04 d			125			lb/acre	35250
Malathion	Gallus	domesticus	Domestic Chicken	GRO	MPH	SMIX	LOAEL			90 d			400			ppm	89120
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		>	84 d			44			mg/kg bdwt	89191
Malathion	Triticum	aestivum	Bread wheat	GRO	MPH	WGHT	LOAEL			4 d			49.95			ppm	90623
Malathion	Oryctolagus	cuniculus	European Rabbit	GRO	MPH	WGHT	NOAEL			20 d			70			mg/kg bdwt	89087
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL		105 d			1.6		24	ppm/d	89875
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	WDTH	NOAEL	LOAEL		4 d			0.14		0.24	mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	DMTR	LOAEL			4 d			0.02			mg/L	88989
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	DMTR	LOAEL			4 d			0.06			mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	LGTH	LOAEL			4 d			0.1			mg/L	88989
Malathion	Lamellidens	marginalis	Mussel	GRO	MPH	WDTH	NOAEL			4 d			0.2			mg/L	88989
Malathion	Lamellidens	corrianus	Bivalve	GRO	MPH	LGTH	NOAEL			4 d			0.26			mg/L	88989
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL			85 d			44			mg/kg bdwt	89311
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL			21 d			10.3			mg/org/d	89140
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL			90 d			9.25			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			90 d			92.5			ppm	90776
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL			90 d			6.51			ppm	89273
Malathion	Mus	musculus	House mouse	GRO	MPH	SIZE	LOAEL			15 d			125			ug/g bdwt	90622
Malathion	Xenopus	laevis	African clawed frog	GRO	MPH	DMTR	LOAEL			4 d			2.85			uM	88912
Malathion	Phasianus	colchicus	ring-necked pheasant	GRO	MPH	WGHT	NOAEL	LOAEL		3 d			87.4		218.5	mg/kg bdwt	63276
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	NOAEL			14 d			1.1596			lb/acre	64055
Malathion	Spizella	breweri	Brewer's Sparrow	GRO	MPH	LGTH	LOAEL			730 d			585			g/ha	89113
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	LOAEL			20 d			4000			ppm	40241
Malathion	Alectoris	rufa	Red-legged partridge	GRO	MPH	SMIX	NOAEL			1 d			600000			ppm	40317
Malathion	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL			105 d			100			ug/d	88955
Malathion	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL			105 d			100			ug/d	88955
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL		154 d			20		50	ppm	90630
Malathion	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL	LOAEL		56 d			50		100	ppm	90630
Malathion	Abelmoschus	esculentus	Okra	GRO	MPH	HGHT	NOAEL			hv			0.1			%	47607
Malathion	Heteropneustes	fossilis	Indian catfish	GRO	MPH	THIK	LOAEL			1 d			2			mg/L	89245
Malathion	NR	Plantae	Plant kingdom	GRO	MPH	LGTH	NOAEL			15 d			300			Al g/ha	60146
Malathion	Bufo	woodhousei	Woodhouse's Toad	GRO	MPH	SMIX	LOAEL			30 d			1.0615			ppm	89016
Malathion	Bufo	woodhousei	Woodhouse's Toad	GRO	MPH	NLRG	LOAEL			30 d			1.0615			ppm	89577
Malathion	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL	LOAEL		30 d			3.6		90	mg/kg bdwt	90644
Malathion	Spirostomum	ambiguum	Protozoa	GRO	MPH	ABNM	EC50			1 d			39.1			mg/L	69821
Malathion	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL			32 d			100			mg/kg bdwt	89129
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	LOEL			20 d			8000			mg/kg bdwt	51311
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	NOEL			20 d			8000			mg/kg bdwt	51311
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	NOEL			20 d			8000			mg/kg bdwt	51311
Malathion	Mus	musculus	House mouse	GRO	MPH	WDTH	LOEL			20 d			8000			mg/kg bdwt	51311

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Tilapia	nilotica	Nile tilapia		NOC	MULT	NOEC			4 d			0.008			mg/L	3296
Malathion	Tilapia	nilotica	Nile tilapia		NOC	MULT	NOEC			4 d			0.008			mg/L	3296
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	OXYG	NOAEL			150 d			240			ppm	37838
Malathion	Avena	sativa	Common oat	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Zea	mays	Corn	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Cucumis	sativus	Cucumber	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Pisum	sativum	Pea	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Lepomis	macrochirus	Bluegill	PHY	PHY	OXYG	LOAEL			0.41666667 d			0.0000992			mg/L	7856
Malathion	Salvelinus	fontinalis	Brook trout	PHY	PHY	COGH	LOEC			10 d			0.0069			mg/L	86858
Malathion	Lamellidens	marginalis	Mussel	PHY	PHY	HTRT	NOAEL	LOAEL		2 d			10		20	mg/L	67308
Malathion	Lamellidens	marginalis	Mussel	PHY	PHY	HTRT	NOAEL	LOAEL		2 d			30		40	mg/L	67308
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	LOAEL			8.33E-02 d			1732.5			mg/kg bdwt	37756
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			4 d			92.3			mg/kg bdwt	89478
Malathion	Mus	musculus	House mouse	PHY	PHY	GPHY	LOAEL			50 d			60			mg/kg bdwt	89276
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	LOAEL			180 d			0.99			ppm	84764
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CTIM	NOAEL	LOAEL		21 d			650		1950	ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CTIM	LOAEL			14 d			650			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL			14 d			1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL			21 d			1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	NAUP	LOAEL			84 d			44			mg/kg bdwt	88985
Malathion	Labeo	rohita	Rohu	PHY	PHY	DGST	NOAEL	LOAEL		4.17E-02 d			30		40	mg/L	89194
Malathion	Rana	hexadactyla	Frog	PHY	PHY	CRAT	LOAEL		<	1 d			20			mg/kg bdwt	88913
Malathion	Rana	hexadactyla	Frog	PHY	PHY	CRAT	LOAEL		<	1 d			10			mg/kg bdwt	88913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			8 d			75			mg/kg bdwt	89477
Malathion	Channa	punctata	Snake-head catfish	PHY	PHY	GLUP	NOAEL	LOAEL		30 d			0.14		0.29	mg/L	88911
Malathion	Xenopus	laevis	African clawed frog	PHY	PHY	PIGM	EC50			4 d			0.297			mg/L	66506
Malathion	Bellamya	bengalensis	Snail	PHY	PHY	OXYG	LOAEL			1 d			1.5			ml/L	90666
Malathion	Aspergillus	flavus	Fungi	PHY	PHY	RESP	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	PHY	PHY	RESP	NOAEL			14 d			500			ppm	75327
Malathion	Octodon	degus	Brush Tail Rat	PHY	PHY	KPCL	LOAEL			90 d			23.8			ppm	47700
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOAEL			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOEC			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			4 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			4 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			4 d			2			mg/L	89148
Malathion	Uca	marionis	Indian Fiddler Crab	PHY	PHY	OXYG	LOAEL			4.17E-02 d			0.02			mg/L	89167
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SOXG	NOAEL			14 d			0.7984			mg/L	59285

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			42 d			196			mg/org	70343
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	PHY	PHY	LDPX	NOAEL			2 d			4			mg/L	61857
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CMRB	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL	LOAEL		2.08E-02 d			237.5		475	mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			7 d			237.5			mg/kg bdwt	89553
Malathion	Sciaenops	ocellatus	Red drum	PHY	PHY	OXYG	NOAEL			3 d			0.00742			mg/L	81672
Malathion	Pseudokirchneriella	subcapitata	Green algae	PHY	PHY	PSYN	NOEC			2 d			0.5			mg/L	85816
Malathion	Pseudokirchneriella	subcapitata	Green algae	PHY	PHY	PSYN	EC50			2 d			2.04			mg/L	85816
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	OXYG	NOAEL			150 d			240			ppm	37838
Malathion	Avena	sativa	Common oat	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Zea	mays	Corn	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Cucumis	sativus	Cucumber	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Pisum	sativum	Pea	PHY	PHY	OUPY	NOAEL			7 d			30			ppm	70355
Malathion	Lepomis	macrochirus	Bluegill	PHY	PHY	OXYG	LOAEL			0.416666667 d			0.0000992			mg/L	7856
Malathion	Salvelinus	fontinalis	Brook trout	PHY	PHY	COGH	LOEC			10 d			0.0069			mg/L	86858
Malathion	Lamellidens	marginalis	Mussel	PHY	PHY	HTRT	NOAEL	LOAEL		2 d			10		20	mg/L	67308
Malathion	Lamellidens	marginalis	Mussel	PHY	PHY	HTRT	NOAEL	LOAEL		2 d			30		40	mg/L	67308
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	LOAEL			8.33E-02 d			1732.5			mg/kg bdwt	37756
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			4 d			92.3			mg/kg bdwt	89478
Malathion	Mus	musculus	House mouse	PHY	PHY	GPHY	LOAEL			50 d			60			mg/kg bdwt	89276
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	LOAEL			180 d			0.99			ppm	84764
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CTIM	NOAEL	LOAEL		21 d			650		1950	ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CTIM	LOAEL			14 d			650			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL			14 d			1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL			21 d			1950			ppm	91913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	NAUP	LOAEL			84 d			44			mg/kg bdwt	88985
Malathion	Labeo	rohita	Rohu	PHY	PHY	DGST	NOAEL	LOAEL		4.17E-02 d			30		40	mg/L	89194
Malathion	Rana	hexadactyla	Frog	PHY	PHY	CRAT	LOAEL		<	1 d			20			mg/kg bdwt	88913
Malathion	Rana	hexadactyla	Frog	PHY	PHY	CRAT	LOAEL		<	1 d			10			mg/kg bdwt	88913
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			8 d			75			mg/kg bdwt	89477
Malathion	Channa	punctata	Snake-head catfish	PHY	PHY	GLUP	NOAEL	LOAEL		30 d			0.14		0.29	mg/L	88911
Malathion	Xenopus	laevis	African clawed frog	PHY	PHY	PIGM	EC50			4 d			0.297			mg/L	66506
Malathion	Bellamya	bengalensis	Snail	PHY	PHY	OXYG	LOAEL			1 d			1.5			ml/L	90666
Malathion	Aspergillus	flavus	Fungi	PHY	PHY	RESP	NOAEL	LOAEL		14 d			100		250	ppm	75327
Malathion	Aspergillus	parasiticus	Fungus	PHY	PHY	RESP	NOAEL			14 d			500			ppm	75327
Malathion	Octodon	degus	Brush Tail Rat	PHY	PHY	KPCL	LOAEL			90 d			23.8			ppm	47700
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOAEL			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	NOEC			1 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPY	LOEC			2 d			2			mg/L	89148

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPT	NOEC			2 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPT	LOEC			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPT	LOEC			3 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPT	NOEC			4 d			2			mg/L	89148
Malathion	Heteropneustes	fossilis	Indian catfish	PHY	PHY	OUPT	NOEC			4 d			2			mg/L	89148
Malathion	Uca	marionis	Indian Fiddler Crab	PHY	PHY	OXYG	LOAEL			4.17E-02 d			0.02			mg/L	89167
Malathion	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SOXG	NOAEL			14 d			0.7984			mg/L	59285
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			42 d			196			mg/org	70343
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			3 d			0.13			ppm	75335
Malathion	Bufo	arenarum	Toad	PHY	PHY	LDPX	NOAEL			2 d			4			mg/L	61857
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL			0.25 d			700			mg/kg bdwt	90643
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	CMRB	NOAEL			30 d			43.956			ppm	89117
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL	LOAEL		2.08E-02 d			237.5		475	mg/kg bdwt	89553
Malathion	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL			7 d			237.5			mg/kg bdwt	89553
Malathion	Sciaenops	ocellatus	Red drum	PHY	PHY	OXYG	NOAEL			3 d			0.00742			mg/L	81672
Malathion	Pseudokirchneriella	subcapitata	Green algae	PHY	PHY	PSYN	NOEC			2 d			0.5			mg/L	85816
Malathion	Pseudokirchneriella	subcapitata	Green algae	PHY	PHY	PSYN	EC50			2 d			2.04			mg/L	85816
Malathion	Danio	rerio	Zebra danio	PHY	PHY	HTRT	NOEC			48 hpf			6.1			uM	108092
Malathion	Pimephales	promelas	Fathead minnow	PHY	PHY	OXYG	NOAEL			8.33E-02 d			0.34			mg/L	112907
Malathion	Labeo	rohita	Rohu	PHY	PHY	OXYG	LOAEL			1 d			4.5			mg/L	118200
Malathion	Labeo	rohita	Rohu	PHY	PHY	OXYG	LOAEL			1 d			0.45			mg/L	118200
Malathion	Cyprinus	carpio	common carp	PHY	PHY	LDPX	LOEC			30 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	OSFG	NOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	LDPX	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	LDPX	NOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	OSFG	LOEC			1 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	LDPX	NOEC			7 d			0.1			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	OSFG	LOEC			0.25 d			4			mg/L	72824
Malathion	Cyprinus	carpio	common carp	PHY	PHY	OSFG	LOEC			30 d			0.1			mg/L	72824
Malathion	Vigna	unguiculata	Black-eyed pea	PHY	PHY	TNST	LOAEL		>	150 d			0.1			%	107408
Malathion	Labeo	rohita	Rohu	PHY	PHY	OXYG	LOAEL			1 d			4.5			mg/L	118295
Malathion	Labeo	rohita	Rohu	PHY	PHY	OXYG	LOAEL			1 d			0.45			mg/L	118295
Malathion	Oryza	sativa	Rice	POP	POP	ABND	NOAEL			hv			1			lb/acre	25474
Malathion	Leptocella	sp.	Caddisfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	Centropilum	Centropilum	Mayfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	Isonychia	rufa	Mayfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	NR	Aves	Bird class	POP	POP	ABND	NOAEL			7 d			6.8			oz/acre	37883
Malathion	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL			hv			3			ml/quintal	89474
Malathion	Fusarium	graminearum	Fungus	POP	POP	BMAS	NOAEL	LOAEL		14 d			10		30	ppm	91048
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL			6 d			10			ppm	54977
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	ABND	NOAEL			7 d			100			ppm	91569
Malathion	Dunaliella	tertiolecta	Green algae		POP	PSYN	EC50			1 d			17.88			mg/L	66270
Malathion	Dunaliella	tertiolecta	Green algae		POP	PSYN	EC50			4.17E-02 d			159.38			mg/L	66270

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			84 d			1.76			ml/L	89187
Malathion	Alternaria	porri	Fungi	POP	POP	CNTL	LOAEL			37 d			0.1			%	54808
Malathion	Alternaria	porri	Fungi	POP	POP	CNTL	LOAEL			47 d			0.1			%	54808
Malathion	Allium	cepa	Common onion	POP	POP	BMAS	NOAEL			2 gs			0.1			%	54808
Malathion	Allium	cepa	Common onion	POP	POP	BMAS	NOAEL			3 gs			0.1			%	54808
Malathion	Lygus	elisus	Lygus Bug	POP	POP	CNTL	LOAEL			1 d			0.8			ppm	91023
Malathion	Carthamus	tinctorius	Safflower	POP	POP	BMAS	NOAEL			1 d			0.8			ppm	91023
Malathion	Frankliniella	fusca	Tobacco thrip	POP	POP	ABND	LOAEL			7 d			0.41			Al lb/acre	88773
Malathion	Aphis	gossypii	Cotton aphid	POP	POP	ABND	NOAEL			7 d			0.82			Al lb/acre	88773
Malathion	Gossypium	hirsutum	Cotton	POP	POP	BMAS	NOAEL			126 d			0.82			Al lb/acre	88773
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL			6 d			5			ppm	89314
Malathion	Apis	floreae	Dwarf Honey Bee	POP	POP	ABND	LOAEL			1 d			0.04			%	89180
Malathion	NR	Araneae	Araneoid spider order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Hemiptera	Waterbug order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Hymenoptera	Bee order	POP	POP	ABND	NOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Coleoptera	Beetle order	POP	POP	ABND	NOAEL			7 d			1300			Al g/ha	81907
Malathion	Brassica	sp.	Mustard	POP	POP	ABND	NOAEL			hv			644.916			lb/acre	91586
Malathion	Lipaphis	pseudobrassicae	Turnip Aphid	POP	POP	ABND	LOAEL			1 d			723			kg/ha	91586
Malathion	Oryctolagus	cuniculus	European Rabbit	POP	POP	SEXR	NOAEL			20 d			70			mg/kg bdwt	89087
Malathion	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	POP	CNTL	LOAEL			60 d			1			ml/L	72297
Malathion	NR	Poduromorpha	Collembola suborder	POP	POP	CNTL	LOAEL			60 d			1			ml/L	72297
Malathion	Glomus	fasciculatum	Fungi	POP	POP	RCLN	LOAEL			60 d			1			ml/L	72297
Malathion	Oryza	sativa	Rice	POP	POP	ABND	NOAEL			hv			0.892			lb/acre	91584
Malathion	Leptocoris	acuta	Paddy Bug	POP	POP	ABND	LOAEL			8 d			1			Al kg/ha	91584
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			58 d			1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			68 d			1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			82 d			1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			82 d			1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			1 d			1.4			Al kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			2 d			1.4			Al kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			2 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			2 d			1.4			Al kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			4 d			1.4			Al kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			4 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			4 d			1.4			Al kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL			7 d			1.4			Al kg/ha	91092
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	LOAEL			13 d			1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	NOAEL			13 d			1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	LOAEL			28 d			1000			mg/L	91912
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	LOAEL			28 d			1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	NOAEL			28 d			1000			mg/L	91912
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	NOAEL			28 d			1000			mg/L	91912
Malathion	Apis	mellifera	Honey bee	POP	POP	WGHT	LOAEL			1 d			210			ml/ha	90657
Malathion	Aphis	cracivora	Aphid	POP	POP	ABND	LOAEL			15 d			0.05			%	89083
Malathion	Epilachna	ocellata	Hadda Beetle	POP	POP	ABND	LOAEL			15 d			0.05			%	89083
Malathion	Amrasca	sp.	Leaf Hopper	POP	POP	ABND	LOAEL			15 d			0.05			%	89083
Malathion	Chauliops	fallax	True Bug	POP	POP	ABND	LOAEL			15 d			0.05			%	89083
Malathion	Phaseolus	vulgaris	Bean	POP	POP	ABND	NOAEL			29 d			0.05			%	89083
Malathion	Aphis	craccivora	Aphid	POP	POP	ABND	LOAEL			29 d			0.025			%	89083
Malathion	Epilachna	ocellata	Hadda Beetle	POP	POP	ABND	LOAEL			29 d			0.025			%	89083
Malathion	Amrasca	sp.	Leaf Hopper	POP	POP	ABND	LOAEL			29 d			0.025			%	89083
Malathion	Chauliops	fallax	True Bug	POP	POP	ABND	LOAEL			29 d			0.025			%	89083
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	89122
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	LOAEL			2 gs			1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	LOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL			2 gs			1.4			kg/ha	89230

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platypterus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus																

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	Aleurocanthus	woglumi	Blackfly	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	Cenchrus	setigerus	Cow Sandbur	POP	POP	BMAS	LOAEL			35 d			0.075			%	79025
Malathion	Guizotia	abyssinica	Ramtilia	POP	POP	ABND	NOAEL			hv			0.05			%	75774
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			2 d			0.25			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			2 d			0.13			mg/L	89015
Malathion	Fusarium	sp.	Fungi	POP	POP	ABND	LOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Penicillium	sp.	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Rhizopus	sp.	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Aspergillus	glaucus	Fungus	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Sesamum	orientale	Sesame	POP	POP	BMAS	NOAEL			hv			17.84			lb/acre	91627
Malathion	Antigastra	catalaunalis	Capsule Borer	POP	POP	CNTL	NOAEL		<=	15 d			20			kg/ha	91627
Malathion	Asphondylia	sesami	Gall Fly	POP	POP	CNTL	NOAEL		<=	15 d			20			kg/ha	91627
Malathion	Abelmoschus	esculentus	Okra	POP	POP	BMAS	NOAEL			hv			0.1			%	47607
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			4 d			300			Al g/ha	60146
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	LOAEL			9 d			300			Al g/ha	60146
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	NOAEL			15 d			300			Al g/ha	60146
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.25			Al %	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			1			Al %	90634
Malathion	Aspergillus	terreus	Fungi	POP	POP	ABND	LOAEL		<=	21 d			0.5			mmol/L	90635
Malathion	Aspergillus	niger	Fungi	POP	POP	ABND	NOAEL		<=	21 d			0.5			mmol/L	90635
Malathion	Aspergillus	fumigatus	Fungus	POP	POP	ABND	NOAEL		<=	21 d			1			mmol/L	90635
Malathion	Emericella	nidulans	Fungus	POP	POP	ABND	LOAEL		<=	21 d			3			mmol/L	90635
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL		<=	21 d			3			mmol/L	90635

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Aspergillus	fumigatus	Fungus	POP	POP	ABND	NOAEL		<=	21 d			3			mmol/L	90635
Malathion	Fusarium	oxysporum	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	niger	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	sydowii	Fungus	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Penicillium	chrysogenum	Fungus	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC10			6 d			22.392			mg/L	61937
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC50			6 d			33.228			mg/L	61937
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC90			6 d			49.296			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC10			6 d			55.764			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC50			6 d			77.448			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC90			6 d			108.138			mg/L	61937
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL			7 d			50			ppm	75785
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	NOAEL			7 d			1000			ppm	75785
Malathion	NR	Aves	Bird class	POP	POP	ABND	LOAEL		<=	28 d			342			Al g/ha	52733
Malathion	NR	Orthoptera	Grasshopper/Cricket/Locust order	POP	POP	CNTL	LOAEL			1 d			342			Al g/ha	52733
Malathion	Drawida	willsi	Field earthworm	POP	POP	ABND	LOAEL			60 d			1.1			ppm	89517
Malathion	Tetrahymena	pyriformis	Ciliate	POP	POP	PGRT	IC50			4.17E-02 d			5.049			mg/L	62033
Malathion	Paramecium	caudatum	Ciliate	POP	POP	ABND	IC50			2 d			12.41			uM	82825
Malathion	Paramecium	trichium	Paramecium	POP	POP	ABND	IC50			5 d			50.3			uM	82825
Malathion	Paecilomyces	fumosoroseus	Fungus	POP	POP	PGRT	NOAEL	LOAEL		14 d			317		3170	ppm	89185
Malathion	Paecilomyces	fumosoroseus	Fungus	POP	POP	PGRT	LOAEL			14 d			317			ppm	89185
Malathion	Notonecta	undulata	Backswimmer	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Dytiscus	sp.	Diving beetle	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Acilius	semisulcatus	Diving Beetle	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Tramea	sp.	Dragonfly	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Ambystoma	maculatum	Spotted salamander	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Daphnia	pulex	Water flea	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Daphnia	ambigua	Water flea	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Bufo	americanus	American toad	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Eurytemora	affinis	Calanoid copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Leptodiaptomus	siciloides	Copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Eurycyclops	agilis	Copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Mesocyclops	edax	Cyclopoid copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Lestes	sp.	Damselfly	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Anax	junius	Dragonfly	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Belostoma	flumineum	Giant Water Bug	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Hyla	versicolor	Gray tree frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Rana	piplens	Leopard frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Stagnicola	elodes	Marsh pond snail	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	NR	Helisoma trivolvis	NR	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Physa	integra	Pouch snail	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Pseudacris	crucifer	Spring peeper	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Ceriodaphnia	sp.	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Daphnia	longiremis	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Scapholeberis	sp.	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Rana	sylvatica	Wood frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	NR	Cyanophycota	Blue-green algae phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Ciliophora	Ciliophora phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Copepoda	Copepod subclass	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Chrysophyta	Golden brown algae division	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Chlorophyta	Green algae division	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Rotifera	Rotifer phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Cladocera	Water flea order	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	Oryza	sativa	Rice	POP	POP	ABND	NOAEL			hv			1			lb/acre	25474
Malathion	Leptocella	sp.	Caddisfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	Centropilum	Centropilum	Mayfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	Isonychia	rufa	Mayfly	POP	POP	SZDS	LOAEL		>=	2.08E-02 d			8			oz/acre	9169
Malathion	NR	Aves	Bird class	POP	POP	ABND	NOAEL			7 d			6.8			oz/acre	37883
Malathion	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL			hv			3			ml/quintal	89474
Malathion	Fusarium	graminearum	Fungus	POP	POP	BMAS	NOAEL	LOAEL		14 d			10		30 ppm		91048
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL			6 d			10			ppm	54977
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	ABND	NOAEL			7 d			100			ppm	91569
Malathion	Dunaliella	tertiolecta	Green algae		POP	PSYN	EC50			1 d			17.88			mg/L	66270
Malathion	Dunaliella	tertiolecta	Green algae		POP	PSYN	EC50			4.17E-02 d			159.38			mg/L	66270
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			84 d			1.76			ml/L	89187
Malathion	Alternaria	porri	Fungi	POP	POP	CNTL	LOAEL			37 d			0.1			%	54808
Malathion	Alternaria	porri	Fungi	POP	POP	CNTL	LOAEL			47 d			0.1			%	54808
Malathion	Allium	cepa	Common onion	POP	POP	BMAS	NOAEL			2 gs			0.1			%	54808
Malathion	Allium	cepa	Common onion	POP	POP	BMAS	NOAEL			3 gs			0.1			%	54808
Malathion	Lygus	elisy	Lygus Bug	POP	POP	CNTL	LOAEL			1 d			0.8			ppm	91023
Malathion	Carthamus	tinctorius	Safflower	POP	POP	BMAS	NOAEL			1 d			0.8			ppm	91023
Malathion	Frankliniella	fusca	Tobacco thrip	POP	POP	ABND	LOAEL			7 d			0.41			Al lb/acre	88773
Malathion	Aphis	gossypii	Cotton aphid	POP	POP	ABND	NOAEL			7 d			0.82			Al lb/acre	88773
Malathion	Gossypium	hirsutum	Cotton	POP	POP	BMAS	NOAEL			126 d			0.82			Al lb/acre	88773
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL			6 d			5			ppm	89314
Malathion	Apis	florea	Dwarf Honey Bee	POP	POP	ABND	LOAEL			1 d			0.04			%	89180
Malathion	NR	Araneae	Araneoid spider order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Hemiptera	Waterbug order	POP	POP	ABND	LOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Hymenoptera	Bee order	POP	POP	ABND	NOAEL			7 d			1300			Al g/ha	81907
Malathion	NR	Coleoptera	Beetle order	POP	POP	ABND	NOAEL			7 d			1300			Al g/ha	81907
Malathion	Brassica	sp.	Mustard	POP	POP	ABND	NOAEL			hv			644.916			lb/acre	91586
Malathion	Lipaphis	pseudobrassicae	Turnip Aphid	POP	POP	ABND	LOAEL			1 d			723			kg/ha	91586
Malathion	Oryctolagus	cuniculus	European Rabbit	POP	POP	SEXR	NOAEL			20 d			70			mg/kg bdwt	89087
Malathion	Acarina	Acarina	Chigger, Tick, Mite subclass	POP	POP	CNTL	LOAEL			60 d			1			ml/L	72297
Malathion	NR	Poduromorpha	Collembola suborder	POP	POP	CNTL	LOAEL			60 d			1			ml/L	72297
Malathion	Glomus	fasciculatum	Fungi	POP	POP	RCLN	LOAEL			60 d			1			ml/L	72297

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Oryza	sativa	Rice	POP	POP	ABND	NOAEL				hv		0.892			lb/acre	91584
Malathion	Leptocorisa	acuta	Paddy Bug	POP	POP	ABND	LOAEL				8 d		1			AI kg/ha	91584
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				58 d		1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				68 d		1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				82 d		1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				82 d		1.2488			lb/acre	91092
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				hv		1.2488			lb/acre	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				1 d		1.4			AI kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				2 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				2 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				2 d		1.4			AI kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				4 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				4 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				4 d		1.4			AI kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	Adelphocoris	lineolatus	Alfalfa Plant Bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	Lygus	lineolaris	Tarnished plant bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	Plagiognathus	chrysanthemi	True Bug	POP	POP	ABND	LOAEL				7 d		1.4			AI kg/ha	91092
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	LOAEL				13 d		1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	NOAEL				13 d		1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	LOAEL				28 d		1000			mg/L	91912
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	LOAEL				28 d		1000			mg/L	91912
Malathion	Algae	Algae	Algae	POP	POP	ABND	NOAEL				28 d		1000			mg/L	91912
Malathion	NR	Chironomidae	Midge family	POP	POP	ABND	NOAEL				28 d		1000			mg/L	91912
Malathion	Apis	mellifera	Honey bee	POP	POP	WGHT	LOAEL				1 d		210			ml/ha	90657
Malathion	Aphis	craccivora	Aphid	POP	POP	ABND	LOAEL				15 d		0.05			%	89083
Malathion	Epilachna	ocellata	Hadda Beetle	POP	POP	ABND	LOAEL				15 d		0.05			%	89083
Malathion	Amrasca	sp.	Leaf Hopper	POP	POP	ABND	LOAEL				15 d		0.05			%	89083
Malathion	Chauliops	fallax	True Bug	POP	POP	ABND	LOAEL				15 d		0.05			%	89083
Malathion	Phaseolus	vulgaris	Bean	POP	POP	ABND	NOAEL				29 d		0.05			%	89083
Malathion	Aphis	craccivora	Aphid	POP	POP	ABND	LOAEL				29 d		0.025			%	89083
Malathion	Epilachna	ocellata	Hadda Beetle	POP	POP	ABND	LOAEL				29 d		0.025			%	89083
Malathion	Amrasca	sp.	Leaf Hopper	POP	POP	ABND	LOAEL				29 d		0.025			%	89083
Malathion	Chauliops	fallax	True Bug	POP	POP	ABND	LOAEL				29 d		0.025			%	89083
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				hv		1.2488			lb/acre	89122

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Lotus	corniculatus	Birdsfoot trefoil	POP	POP	BMAS	NOAEL				hv		1.2488			lb/acre	89122
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	LOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	LOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Aprostocetus	bruchophagi	Parasitoid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				2 gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Mesopolobus	bruchophagi	Pteromalid Wasp	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Bruchophagus	platyperus	Trefoil Seed Chalcid	POP	POP	CNTL	NOAEL				gs		1.4			kg/ha	89230
Malathion	Brassica	juncea	Brown mustard	POP	POP	BMAS	NOAEL				hv		0.025			%	89234
Malathion	Lipaphis	erysimi	Turnip aphid	POP	POP	ABND	LOAEL				7 d		0.025			%	89234
Malathion	Triticum	aestivum	Bread wheat	POP	POP	BMAS	NOAEL				hv		1			Al lb/acre	91045

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL			14 d			10			ppm	75327
Malathion	Aspergillus	flavus	Fungi	POP	POP	BMAS	NOAEL			14 d			500			ppm	75327
Malathion	Azotobacter	sp.	Azotobacter	POP	POP	ABND	NOAEL	LOAEL		1 d			50		100	ppm	89095
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL			7 d			300			ppm	89095
Malathion	Invertebrates	Invertebrates	Invertebrates		POP	ABND	NOEC			1 d		<=	16.1			mg/L	7646
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			7 d			0.7125			Al lb/acre	88952
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			7 d			0.7125			Al lb/acre	88952
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			7 d			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	POP	POP	ABND	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	POP	POP	ABND	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Medicago	sativa	Alfalfa	POP	POP	ABND	NOAEL			hv			0.7125			Al lb/acre	88952
Malathion	Triticum	aestivum	Bread wheat	POP	POP	BMAS	NOAEL			hv			0.4047			lb/acre	89091
Malathion	Rhopalosiphum	padi	Aphid	POP	POP	ABND	LOAEL			7 d			0.5			ai lb/ha	89091
Malathion	Rhopalosiphum	padi	Aphid	POP	POP	ABND	NOAEL			7 d			1			Al lb/acre	89090
Malathion	Triticum	aestivum	Bread wheat	POP	POP	BMAS	NOAEL			hv			1			Al lb/acre	89090
Malathion	Nisaga	simplex	Rice Hairy Caterpillar	POP	POP	CNTL	LOAEL			2 d			1.25			kg/ha	91429
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL			7 d			3			g/kg sd	90442
Malathion	Aleurocanthus	woglumi	Blackfly	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	NR	Fungi	Fungi Kingdom	POP	POP	CNTL	LOAEL			14 d			0.075			%	89149
Malathion	Cenchrus	setigerus	Cow Sandbur	POP	POP	BMAS	LOAEL			35 d			0.075			%	79025
Malathion	Guizotia	abyssinica	Ramtilla	POP	POP	ABND	NOAEL			hv			0.05			%	75774
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			2 d			0.25			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			2 d			0.13			mg/L	89015
Malathion	Fusarium	sp.	Fungi	POP	POP	ABND	LOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Penicillium	sp.	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Rhizopus	sp.	Fungi	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Aspergillus	glaucus	Fungus	POP	POP	ABND	NOAEL			1 d			0.47			L/1000 bu	88993
Malathion	Sesamum	orientale	Sesame	POP	POP	BMAS	NOAEL			hv			17.84			lb/acre	91627
Malathion	Antigastra	catalaunalis	Capsule Borer	POP	POP	CNTL	NOAEL		<=	15 d			20			kg/ha	91627
Malathion	Asphondylia	sesami	Gall Fly	POP	POP	CNTL	NOAEL		<=	15 d			20			kg/ha	91627
Malathion	Abelmoschus	esculentus	Okra	POP	POP	BMAS	NOAEL			hv			0.1			%	47607
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOAEL			4 d			300			Al g/ha	60146

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	LOAEL			9 d			300			Al g/ha	60146
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	NOAEL			15 d			300			Al g/ha	60146
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			1			%	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	LOAEL			hv			0.25			Al %	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			0.9812			lb/acre	90634
Malathion	Gibberella	moniliformis	Fungi	POP	POP	ABND	NOAEL			hv			1			Al %	90634
Malathion	Aspergillus	terreus	Fungi	POP	POP	ABND	LOAEL		<=	21 d			0.5			mmol/L	90635
Malathion	Aspergillus	niger	Fungi	POP	POP	ABND	NOAEL		<=	21 d			0.5			mmol/L	90635
Malathion	Aspergillus	fumigatus	Fungus	POP	POP	ABND	NOAEL		<=	21 d			1			mmol/L	90635
Malathion	Emericella	nidulans	Fungus	POP	POP	ABND	LOAEL		<=	21 d			3			mmol/L	90635
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL		<=	21 d			3			mmol/L	90635
Malathion	Aspergillus	fumigatus	Fungus	POP	POP	ABND	NOAEL		<=	21 d			3			mmol/L	90635
Malathion	Fusarium	oxysporum	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	flavus	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	niger	Fungi	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Aspergillus	sydowii	Fungus	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Penicillium	chrysogenum	Fungus	POP	POP	ABND	NOAEL		<=	21 d			5			mmol/L	90635
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC10			6 d			22.392			mg/L	61937
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC50			6 d			33.228			mg/L	61937
Malathion	Scenedesmus	obtusiusculus	Green algae	POP	POP	ABND	EC90			6 d			49.296			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC10			6 d			55.764			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC50			6 d			77.448			mg/L	61937
Malathion	Anabaena	flosaquae	Blue-green algae	POP	POP	ABND	EC90			6 d			108.138			mg/L	61937
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL			7 d			50			ppm	75785
Malathion	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	NOAEL			7 d			1000			ppm	75785
Malathion	NR	Aves	Bird class	POP	POP	ABND	LOAEL		<=	28 d			342			Al g/ha	52733
Malathion	NR	Orthoptera	Grasshopper/Cricket/Locust order	POP	POP	CNTL	LOAEL			1 d			342			Al g/ha	52733
Malathion	Drawida	willsi	Field earthworm	POP	POP	ABND	LOAEL			60 d			1.1			ppm	89517
Malathion	Tetrahymena	pyriformis	Ciliate	POP	POP	PGRT	IC50			4.17E-02 d			5.049			mg/L	62033
Malathion	Paramecium	caudatum	Ciliate	POP	POP	ABND	IC50			2 d			12.41			uM	82825
Malathion	Paramecium	trichium	Paramecium	POP	POP	ABND	IC50			5 d			50.3			uM	82825
Malathion	Paecilomyces	fumosoroseus	Fungus	POP	POP	PGRT	NOAEL	LOAEL		14 d			317		3170	ppm	89185
Malathion	Paecilomyces	fumosoroseus	Fungus	POP	POP	PGRT	LOAEL			14 d			317			ppm	89185
Malathion	Notonecta	undulata	Backswimmer	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Dytiscus	sp.	Diving beetle	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Acilius	semisulcatus	Diving Beetle	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Tramea	sp.	Dragonfly	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Ambystoma	maculatum	Spotted salamander	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Daphnia	pulex	Water flea	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Daphnia	ambigua	Water flea	POP	POP	ABND	LOAEL			13 d			0.16192			mg/L	89112
Malathion	Bufo	americanus	American toad	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Eurytemora	affinis	Calanoid copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Leptodiaptumus	siciloides	Copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Eurycyclops	agilis	Copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Mesocyclops	edax	Cyclopoid copepod	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Lestes	sp.	Damselfly	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Anax	junius	Dragonfly	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Belostoma	flumineum	Giant Water Bug	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Hyla	versicolor	Gray tree frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Rana	pipiens	Leopard frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Stagnicola	elodes	Marsh pond snail	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	NR	Helisoma trivolvis	NR	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Physa	integra	Pouch snail	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Pseudacris	crucifer	Spring peeper	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Ceriodaphnia	sp.	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Daphnia	longiremis	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Scapholeberis	sp.	Water flea	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	Rana	sylvatica	Wood frog	POP	POP	ABND	NOAEL			13 d			0.16192			mg/L	89112
Malathion	NR	Cyanophycota	Blue-green algae phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Ciliophora	Ciliophora phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Copepoda	Copepod subclass	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Chrysophyta	Golden brown algae division	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Chlorophyta	Green algae division	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Rotifera	Rotifer phylum	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Cladocera	Water flea order	POP	POP	ABND	LOAEL			168 d			0.5			mg/L	92183
Malathion	NR	Brachiopoda	Lamp shell phylum	POP	POP	ABND	LOAEL			7 d						mg/L	118292
Malathion	NR	Crustacea	Crustacean subphylum	POP	POP	ABND	NOAEL			7 d						mg/L	118292
Malathion	NR	Brachiopoda	Lamp shell phylum	POP	POP	ABND	LOAEL			7 d			0.04			mg/L	118292
Malathion	NR	Crustacea	Crustacean subphylum	POP	POP	ABND	NOAEL			15 d			0.19			mg/L	118292
Malathion	NR	Brachiopoda	Lamp shell phylum	POP	POP	ABND	LOAEL			7 d			0.04			mg/L	118292
Malathion	NR	Brachiopoda	Lamp shell phylum	POP	POP	ABND	LOAEL			15 d			0.032			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	NOAEL			15 d			0.19			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			16 d			0.19			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			16 d			0.19			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	NOAEL			42 d						mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	LOAEL			42 d			0.04			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			43 d						mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			43 d			0.3			mg/L	118292

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			43 d			0.3			mg/L	118292
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	LOAEL			43 d						mg/L	118292
Malathion	Chordodes	sp.	Horsehair Worm	POP	POP	ABND	LOAEL			4 d			0.036			mg/L	118256
Malathion	Chordodes	sp.	Horsehair Worm	POP	POP	ABND	LOAEL			2 d			0.036			mg/L	118256
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	NOAEL			43 d			0.5			mg/L	115418
Malathion	Invertebrates	Invertebrates	Invertebrates	POP	POP	ABND	LOAEL			14 d			0.5			mg/L	115418
Malathion	NR	Pseudanabaenaceae	Cyanobacteria Family	POP	POP	ABND	NOAEL			43 d			0.5			mg/L	115418
Malathion	Amrasca	biguttula	Jassid	POP	POP	ABND	LOAEL			hv			0.05			%	89296
Malathion	Amrasca	biguttula	Jassid	POP	POP	ABND	LOAEL			hv			0.05			%	89296
Malathion	Bemisia	tabaci	Sweetpotato whitefly	POP	POP	ABND	LOAEL			hv			0.05			%	89296
Malathion	Bemisia	tabaci	Sweetpotato whitefly	POP	POP	ABND	LOAEL			hv			0.05			%	89296
Malathion	Maruca	testulalis	Bean Pod Borer	POP	POP	ABND	NOAEL			hv			0.075			%	89296
Malathion	Maruca	testulalis	Bean Pod Borer	POP	POP	ABND	NOAEL			hv			0.075			%	89296
Malathion	Vigna	radiata	Mung bean	POP	POP	BMAS	NOAEL			hv			0.075			%	89296
Malathion	Vigna	radiata	Mung bean	POP	POP	BMAS	NOAEL			hv			0.075			%	89296
Malathion	Hypera	postica	Weevil	POP	POP	ABND	NOAEL			21 d			1.25			Al lb/acre	90636
Malathion	Hypera	postica	Weevil	POP	POP	ABND	NOAEL			14 d			1.25			Al lb/acre	90636
Malathion	Hypera	postica	Weevil	POP	POP	ABND	NOAEL			7 d			1.25			Al lb/acre	90636
Malathion	Brachionus	calyciflorus	Rotifer	POP	POP	ABND	EC50			1 d			1.33			mg/L	18254
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			20 d			0.38			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	NOEC			15 d			0.38			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOEC			10 d			0.25			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOEC			6 d			0.13			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			2 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			6 d			0.25			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	NOEC			15 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			10 d			0.38			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			10 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			6 d			0.38			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			2 d			0.38			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOEC			6 d			0.25			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	NOEC			20 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			15 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			15 d			0.38			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOEC			10 d			0.13			mg/L	89015
Malathion	NR	Chironominae	Diptera subfamily (Family: Chironomidae)	POP	POP	ABND	LOEC			25 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			20 d			0.25			mg/L	89015
Malathion	NR	Diptera	Fly/mosquito/midge order	POP	POP	ABND	NOEC			25 d			0.25			mg/L	89015
Malathion	Hypera	postica	Weevil	POP	POP	ABND	NOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	NOAEL			21 d			1			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			21 d			0.75			Al lb/acre	114809

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Bathyplectes	curculionis	Parasitic wasp	POP	POP	ABND	NOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Bathyplectes	curculionis	Parasitic wasp	POP	POP	ABND	NOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Bathyplectes	curculionis	Parasitic wasp	POP	POP	ABND	NOAEL			21 d			0.75			Al lb/acre	114809
Malathion	Bathyplectes	curculionis	Parasitic wasp	POP	POP	ABND	NOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Hypera	postica	Weevil	POP	POP	ABND	LOAEL			d			0.75			Al lb/acre	114809
Malathion	Cydia	nigricana	Pea Moth	POP	POP	ABND	NOAEL			gs			0.7			Al kg/ha	114763
Malathion	Cydia	nigricana	Pea Moth	POP	POP	ABND	LOAEL			gs			1.12			Al kg/ha	114763
Malathion	Pisum	sativum	Pea	POP	POP	BMAS	NOAEL			gs			0.6244			lb/acre	114763
Malathion	Pisum	sativum	Pea	POP	POP	BMAS	NOAEL			gs			0.99904			lb/acre	114763
Malathion	Coleotechnites	milleri	Lodgepole Needleminer	POP	POP	ABND	LOAEL			d			454			Al g/eu	99767
Malathion	Euxoa	auxiliaris	Army Cutworm	POP	POP	ABND	NOAEL			25 d			1.4			Al kg/ha	112232
Malathion	Triticum	aestivum	Bread wheat	POP	POP	BMAS	NOAEL			hv			1.2488			lb/acre	112232
Malathion	Paramecium	caudatum	Ciliate	POP	POP	ABND	IC50			5 d			43.34			uM	82825
Malathion	Paramecium	trichium	Paramecium	POP	POP	ABND	IC50			2 d			52.5			uM	82825
Malathion	Culex	quinquefasciatus	Southern house mosquito	POP	POP	SEXR	NOEC			ma			0.0075			mg/L	103416
Malathion	NR	Plantae	Plant kingdom	POP	POP	CHLA	NOAEL			35 d			0.0058			mg/L	114296
Malathion	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL			36 d			0.0058			mg/L	114296
Malathion	Daphnia	pulex	Water flea	POP	POP	ABND	NOAEL			d			0.0058			mg/L	114296
Malathion	Ceriodaphnia	sp.	Water flea	POP	POP	ABND	LOAEL			d			0.0058			mg/L	114296
Malathion	Skistodiaptomus	oregonensis	Calanoid copepod	POP	POP	ABND	NOAEL			d			0.0058			mg/L	114296
Malathion	Leptodiaptomus	minutus	Copepod	POP	POP	ABND	NOAEL			d			0.0058			mg/L	114296
Malathion	NR	Crustacea	Crustacean subphylum	POP	POP	DVRS	LOAEL			5 d			0.14			mg/L	118388
Malathion	NR	Copepoda	Copepod subclass	POP	POP	ABND	NOAEL	LOAEL		5 d			0.14		0.3	mg/L	118388
Malathion	Algae	Algae	Algae	POP	POP	ABND	NOAEL			10 d			0.14			mg/L	118388
Malathion	NR	Plantae	Plant kingdom	POP	POP	ABND	LOAEL			20 d			0.14			mg/L	118388
Malathion	Vigna	unguiculata	Black-eyed pea	POP	POP	BMAS	NOAEL			hv			0.1			%	107408
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	NOAEL			4 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	LOAEL			11 d			0.03			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	NOAEL	LOAEL		21 d			0.03		0.3	mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	NOAEL			4 d			0.3			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	LOAEL			11 d			0.03			mg/L	111364
Malathion	Chironomus	zealandicus	Chironomid	POP	POP	ABND	LOAEL			21 d			0.03			mg/L	111364
Malathion	Entomophthora	coronata	Fungus	REP	REP	GERM	LOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Entomophthora	apiculata	Fungus	REP	REP	GERM	NOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Entomophthora	virulenta	Fungus	REP	REP	GERM	NOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	FERT	NOAEL			28 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	BDEP	NOAEL			252 d			475			ppm	37706

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Mus	musculus	House mouse	REP	REP	FIDX	NOAEL			105 d			5000			ppm	71394
Malathion	Romanomermis	culicivorex	Parasitic Nematode	REP	REP	PROG	NOAEL			28 d			0.3			mg/L	67468
Malathion	Daphnia	magna	Water flea		REP	GREP	NOEC			21 d			0.0003			mg/L	6449
Malathion	Rattus	norvegicus	Norway rat	REP	REP	RSEM	NOAEL		~	110 d			50			mg/kg bdwt	86940
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	HDEP	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	HDEP	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	BDEP	NOAEL			56 d			100			ppm	38417
Malathion	Plumatella	casimiana	Bryozoa	REP	REP	GERM	LD50			10 d			0.1			ppm	4564
Malathion	Hyalinella	punctata	Bryozoan	REP	REP	GERM	LD50			10 d			0.3			ppm	4564
Malathion	Lophopodella	carteri	Bryozoa	REP	REP	GERM	LD50			10 d			0.56			ppm	4564
Malathion	Philodina	acuticornis	Rotifer	REP	REP	NEGI	IC50			3 d			0.0000005			M	74964
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	NOAEL			0.75 d			0.1			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	NOAEL			0.75 d			0.1			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	ED50			0.75 d		<=	500			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	ED50			0.75 d		<=	500			ppm	90552
Malathion	Raphanus	raphanistrum	Jointed charlock	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Chenopodium	album	Lamb's-quarters	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Capsella	bursa-pastoris	Shepherd's-purse	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Glomus	fasciculatum	Fungi	REP	REP	PROG	NOAEL	LOAEL		60 d			1		2	ml/L	72297
Malathion	Drawida	willsi	Field earthworm	REP	REP	RSUC	NOAEL			90 d			2.5			L/ha	89594
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	LOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	NOAEL	LOAEL		30 d			2000		4000	mg/kg bdwt	40178
Malathion	Drawida	willsi	Field earthworm	REP	REP	PROG	LOAEL			75 d			2.2			ppm	52962
Malathion	Drawida	willsi	Field earthworm	REP	REP	GREP	LOAEL			75 d			1.1			ppm	89517
Malathion	Mus	musculus	House mouse	REP	REP	ABNM	LOAEL			2 d			2.5			mg/kg bdwt	88996
Malathion	Paecilomyces	fumosoroseus	Fungus	REP	REP	GERM	LOAEL			1 d			317			ppm	89185
Malathion	Paecilomyces	fumosoroseus	Fungus	REP	REP	GERM	LOAEL			1 d			317			ppm	89185
Malathion	Sus	scrofa	Pig	REP	REP	MOTL	LOAEL			4.17E-02 d			50			uM	88387
Malathion	Entomophthora	coronata	Fungus	REP	REP	GERM	LOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Entomophthora	apiculata	Fungus	REP	REP	GERM	NOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Entomophthora	virulenta	Fungus	REP	REP	GERM	NOAEL			0.416666667 d			0.44802			ml/100ml	89179
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	FERT	NOAEL			28 d			475			ppm	37706
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	BDEP	NOAEL			252 d			475			ppm	37706
Malathion	Mus	musculus	House mouse	REP	REP	FIDX	NOAEL			105 d			5000			ppm	71394

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Romanomermis	culicivora	Parasitic Nematode	REP	REP	PROG	NOAEL			28 d			0.3			mg/L	67468
Malathion	Daphnia	magna	Water flea		REP	GREP	NOEC			21 d			0.0003			mg/L	6449
Malathion	Rattus	norvegicus	Norway rat	REP	REP	RSEM	NOAEL		~	110 d			50			mg/kg bdwt	86940
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	HDEP	NOAEL			42 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	HDEP	NOAEL			51 d			100			ppm	38417
Malathion	Gallus	domesticus	Domestic Chicken	REP	REP	BDEP	NOAEL			56 d			100			ppm	38417
Malathion	Plumatella	casimiana	Bryozoa	REP	REP	GERM	LD50			10 d			0.1			ppm	4564
Malathion	Hyalinella	punctata	Bryozoan	REP	REP	GERM	LD50			10 d			0.3			ppm	4564
Malathion	Lophopodella	carteri	Bryozoa	REP	REP	GERM	LD50			10 d			0.56			ppm	4564
Malathion	Philodina	acuticornis	Rotifer	REP	REP	NEGI	ICS0			3 d			0.0000005			M	74964
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	NOAEL			0.75 d			0.1			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	NOAEL			0.75 d			0.1			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	ED50			0.75 d		<=	500			ppm	90552
Malathion	Vaccinium	corymbosum	Highbush blueberry	REP	REP	GERM	ED50			0.75 d		<=	500			ppm	90552
Malathion	Raphanus	raphanistrum	Jointed charlock	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Chenopodium	album	Lamb's-quarters	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Capsella	bursa-pastoris	Shepherd's-purse	REP	REP	PROG	NOAEL		~	56 d			1.124172			lb/acre	89142
Malathion	Glomus	fasciculatum	Fungi	REP	REP	PROG	NOAEL	LOAEL		60 d			1		2	ml/L	72297
Malathion	Drawida	willsi	Field earthworm	REP	REP	RSUC	NOAEL			90 d			2.5			L/ha	89594
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	LOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Sorghum	sp.	Sorghum	REP	REP	GERM	NOAEL			7 d			3			g/kg sd	90442
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	NOAEL	LOAEL		30 d			2000		4000	mg/kg bdwt	40178
Malathion	Drawida	willsi	Field earthworm	REP	REP	PROG	LOAEL			75 d			2.2			ppm	52962
Malathion	Drawida	willsi	Field earthworm	REP	REP	GREP	LOAEL			75 d			1.1			ppm	89517
Malathion	Mus	musculus	House mouse	REP	REP	ABNM	LOAEL			2 d			2.5			mg/kg bdwt	88996
Malathion	Paecilomyces	fumosoroseus	Fungus	REP	REP	GERM	LOAEL			1 d			317			ppm	89185
Malathion	Paecilomyces	fumosoroseus	Fungus	REP	REP	GERM	LOAEL			1 d			317			ppm	89185
Malathion	Sus	scrofa	Pig	REP	REP	MOTL	LOAEL			4.17E-02			50			uM	88387
Malathion	NR	Helisoma trivolvis	NR	REP	REP	PROG	NOAEL			28 d			0.0096			mg/L	112912
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	LOEL			60 d			100			ppm/d	40178
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	LOEL			50 d			100			ppm/d	40178
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	NOEL			10 d			8000			ppm/d	40178
Malathion	Mus	musculus	House mouse	REP	REP	SPMC	NOEL			50 d			10			ppm/d	40178
Malathion	Daphnia	magna	Water flea	REP	REP	GREP	NOAEL	LOAEL		21 d			0.00057		0.00076	mg/L	117172
Malathion	Daphnia	magna	Water flea	REP	REP	GREP	NOAEL	LOAEL		21 d			0.00024		0.00064	mg/L	117172

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units	Ref #
Malathion	Culex	quinquefasciatus	Southern house mosquito	REP	REP	FERZ	NOEC				ma		0.0075			mg/L	103416
Malathion	Vigna	unguiculata	Black-eyed pea	REP	REP	GERM	LOAEL		>	150	d		0.1			%	107408

Malaoxon (a.k.a. Maloxon)

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

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units Preferred	% Purity	Ref #
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	NOAEL	LOAEL		4.17E-02	d		25.414		38.024	mg/kg bdwt	97	89619
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			1	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			2	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			3	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			4	d		0.09			mg/L	>90	89592
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	IN1P	LOAEL			0.166666667	d		25.414			mg/kg bdwt	97	89074
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			4.17E-02	d		7.954			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	CACO	LOAEL			0.166666667	d		7.954			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	CACO	LOAEL			4.17E-02	d		38.024			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			4.17E-02	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			0.166666667	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	ASCA	LOAEL			4	d		0.285			uM	>95	88912
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	NOAEL	LOAEL		4.17E-02	d		25.414		38.024	mg/kg bdwt	97	89619
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			1	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			2	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			3	d		0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	NADP	LOAEL			4	d		0.09			mg/L	>90	89592
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	IN1P	LOAEL			0.166666667	d		25.414			mg/kg bdwt	97	89074
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			4.17E-02	d		7.954			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	CACO	LOAEL			0.166666667	d		7.954			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	CACO	LOAEL			4.17E-02	d		38.024			mg/kg bdwt	97	89243
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			4.17E-02	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Rattus	norvegicus	Norway rat	BCM	BCM	GBCM	LOAEL			0.166666667	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Xenopus	laevis	African clawed frog	BCM	BCM	ASCA	LOAEL			4	d		0.285			uM	>95	88912
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.234			mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.333			mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4	d		0.09			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.234			mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50			4	d		0.333			mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	LOAEL			4	d		0.09			mg/L	>90	89592
Malaoxon	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			2.08E-02	d		47.5			mg/kg bdwt	95	89514
Malaoxon	Mus	musculus	House mouse	BCM	ENZ	CEST	NOAEL			3.47E-03	d		9.9			mg/kg bdwt	99	89270
Malaoxon	Mus	musculus	House mouse	BCM	ENZ	CEST	LOAEL			2.08E-02	d		47.5			mg/kg bdwt	95	89514
Malaoxon	Mus	musculus	House mouse	BCM	ENZ	CEST	NOAEL			3.47E-03	d		9.9			mg/kg bdwt	99	89270
Malaoxon	Ictalurus	furcatus	Blue catfish	BCM	ENZ	ACHE	IC50			4	d		2.3			mg/L	96.3	112921
Malaoxon	Ictalurus	furcatus	Blue catfish	BCM	ENZ	ACHE	LOAEL			4	d		0.25			mg/L	96.3	112921
Malaoxon	Ictalurus	furcatus	Blue catfish	BCM	ENZ	BCHE	IC50			4	d		3.7			mg/L	96.3	112921
Malaoxon	Ictalurus	furcatus	Blue catfish	BCM	ENZ	BCHE	IC50			4	d		6.8			mg/L	96.3	112921

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units Preferred	% Purity	Ref #
Malaoxon	Drosophila	melanogaster	Fruit fly	CEL	GEN	MUTA	NOAEL			1 d			1.888			mg/kg bdwt	94.4	88485
Malaoxon	Drosophila	melanogaster	Fruit fly	CEL	GEN	MUTA	LOAEL			3 d			4.72			ppm	94.4	88485
Malaoxon	Drosophila	melanogaster	Fruit fly	CEL	GEN	MUTA	NOAEL			1 d			1.888			mg/kg bdwt	94.4	88485
Malaoxon	Drosophila	melanogaster	Fruit fly	CEL	GEN	MUTA	LOAEL			3 d			4.72			ppm	94.4	88485
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			238 d			500			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	NOAEL	LOAEL		4 d	~		0.09	~	0.225	mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			1 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			2 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			3 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	NOAEL	LOAEL		4 d			0.09		0.45	mg/L	>90	89592
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL			238 d			500			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	NOAEL	LOAEL		4 d	~		0.09	~	0.225	mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			1 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			2 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL			3 d			0.9			mg/L	>90	89592
Malaoxon	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	NOAEL	LOAEL		4 d			0.09		0.45	mg/L	>90	89592
Malaoxon	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			721 d			475			ppm	95	88910
Malaoxon	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	LOAEL			721 d			475			ppm	95	88910
Malaoxon	Rattus	norvegicus	Norway rat	PHY	IMM	LKMA	LOAEL			721 d			475			ppm	95	88910
Malaoxon	Rattus	norvegicus	Norway rat	PHY	IMM	LKMA	LOAEL			721 d			475			ppm	95	88910
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL	LOAEL		721 d			500		1000	ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL	LOAEL		721 d			500		1000	ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	PHY	INJ	ADNM	NOAEL			721 d			1000			ppm	100	90647
Malaoxon	Chironomus	riparius	Midge		ITX	IMBL	EC50			1 d			0.0054			mg/L		6830
Malaoxon	Chironomus	riparius	Midge		ITX	IMBL	EC50			1 d			0.0054			mg/L		6830
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO	NR-LETH		91 d			2000		4000	ppm	100	90647
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO	NR-LETH		91 d			2000		4000	ppm	100	90647
Malaoxon	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			91 d			4000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			91 d			4000			ppm	100	90647

Chemical	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt 1	Endpt 2	Op	Duration	Dur Unit	Op	Conc Value 1	Op	Conc Value 2	Conc Units Preferred	% Purity	Ref #
Malaoxon	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4	d		0.81			mg/L	>90	66506
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			0.166666667	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1	d		0.374			mg/eu	100	68165
Malaoxon	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1	d		8.154			mg/eu	100	68165
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO	NR-LETH		91	d		2000		4000	ppm	100	90647
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO	NR-LETH		91	d		2000		4000	ppm	100	90647
Malaoxon	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			91	d		4000			ppm	100	90647
Malaoxon	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO			91	d		4000			ppm	100	90647
Malaoxon	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4	d		0.81			mg/L	>90	66506
Malaoxon	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO			0.166666667	d		7.954			mg/kg bdwt	97	90641
Malaoxon	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1	d		0.374			mg/eu	100	68165
Malaoxon	Tribolium	castaneum	Rust-Red Flour Beetle	MOR	MOR	MORT	LC50			1	d		8.154			mg/eu	100	68165
Malaoxon	Ictalurus	furcatus	Blue catfish	MOR	MOR	MORT	LC50			4	d		3.1			mg/L	96.3	112921
Malaoxon	Camponotus	sp.	Parasitic Wasp	MOR	MOR	MORT	LD50			1	d		0.0046			ug/org	100	113287
Malaoxon	Xenopus	laevis	African clawed frog	PHY	PHY	PIGM	EC50			4	d		0.162			mg/L	>90	66506
Malaoxon	Xenopus	laevis	African clawed frog	PHY	PHY	PIGM	EC50			4	d		0.162			mg/L	>90	66506