

Appendix I: Accepted ECOTOX Data Table

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

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Mus	musculus	House mouse	BCM	BCM	NICO	LOAEL		1	d	1		mmol/kg	100	90179
Ziram	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	LOAEL		8.30E-02	d	10		mg/kg	100	96393
Ziram	Rattus	norvegicus	Norway rat	BCM	BCM	PBCO	LOAEL		0.1666667	d	0.97		mmol/kg	>=97	86510
Ziram	Tilapia	mossambica	Mozambique tilapia	BCM	BCM	CACO	LOAEL		1	d	0.008		ml/L	100	80948
Ziram	Tilapia	mossambica	Mozambique tilapia	BCM	BCM	GLUC	LOAEL		1	d	0.008		ml/L	100	73356
Ziram	Tilapia	mossambica	Mozambique tilapia	BCM	BCM	GLUC	LOAEL		1	d	2.1		mg/L	100	60046
Ziram	Rattus	norvegicus	Norway rat	BCM	BCM	PRCO	NOAEL		90	d	25		ppm	98	99301
Ziram	Rattus	norvegicus	Norway rat	BCM	BCM	CACO	NOAEL	LOAEL	364	d	19.5	195	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	LOAEL		546	d	19.5		ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	BEH	BEH	ALRT	NOAEL		84	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	BEH	GPST	NOAEL	LOAEL	49	d	204	543	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	BEH	GROM	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	BEH	GROM	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Mus	musculus	House mouse	CEL	CEL	PCRC	NOAEL		1	d	9.85		mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	PCCM	NOAEL		2	d	9.85		mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	PCRC	NOAEL	LOAEL	2	d	4.925	9.85	mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	PCCM	NOAEL		1	d	19.7		mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	PCRC	NOAEL		1	d	19.7		mg/kg	98.5	99049

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Mus	musculus	House mouse	CEL	CEL	PCCM	NOAEL		2	d	19.7		mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	PCCM	NOAEL	LOAEL	2	d	4.925	9.85	mg/kg	98.5	99049
Ziram	Mus	musculus	House mouse	CEL	CEL	NRBC	LOAEL		24	d	350		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	CEL	NCEL	LOAEL		3	d	45		ul/org	90	99302
Ziram	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL		728	d	1950		ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	LOAEL		364	d	19.5		ppm	97.5	85556
Ziram	Gallus	domesticus	Domestic Chicken	GRO	DVP	ABNM	LOAEL		1	d	0.43		mmol/kg fd	100	98748
Ziram	Gallus	domesticus	Domestic Chicken	GRO	DVP	ABNM	LOAEL		2	d	0.43		mmol/kg fd	100	98748
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	NOAEL		10	d	64		mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	NOAEL	LOAEL	5	d	50	100	mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	NOAEL	LOAEL	10	d	25	50	mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	NOAEL		14	d	23.3766		ppm	99.9	85847
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DVLP	NOAEL	LOAEL	546	d	195	1950	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	GRO	DVP	DVLP	NOAEL	LOAEL	728	d	195	1950	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	GSTR	NOAEL	LOAEL	0.2083333	d	0.12	2.08	mmol/kg bdwt	100	85851
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	GSTR	NOAEL	LOAEL	0.2083333	d	2.08	4.16	mmol/kg bdwt	100	85851
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	EPHY	NOAEL	LOAEL	0.2083333	d	2.08	4.16	mmol/kg bdwt	100	85851
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	NOAEL		90	d	25		ppm	98	99301
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	NEES	NOEL	LOEL	>=91	d	202.5909	528.498	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOEL		>=91	d	528.498		ppm	97.87	98602
Ziram	Cygnus	olor	Mute Swan	BEH	FDB	FECL	NOAEL		70 TO 105	d	3.2		kg/ha	32	98590

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Pycnonotus	cafer	Red Vented Bulbul	BEH	FDB	FCNS	LOAEL		3 d		1		% w/w	100	99128
Ziram	Pycnonotus	cafer	Red Vented Bulbul	BEH	FDB	FCNS	LOAEL		3 d		0.5		% w/w	100	99128
Ziram	NR	Aves	Bird class	BEH	FDB	GFDB	NOAEL		18 d		5.776		AI kg/ha	76	99128
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	WCON	NOAEL	LOAEL	10 d		4	16	mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	9 d		9.4905	16.1838	ppm	99.9	85847
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	7 d		204	543	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	7 d		204	543	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		728 d		1950		ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		728 d		1950		ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	7 d		202.5909	528.498	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	7 d		70.4664	202.5909	ppm	97.87	98602
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	NOAEL		24 d		1050		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL		24 d		350		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL		24 d		350		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	GEN	POLY	LOAEL		24 d		350		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	GEN	MIMT	LOAEL		24 d		350		mg/kg bdwt	100	98592
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL		1 d		25		mg/kg bdwt	100	59465
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL		2 d		25		mg/kg bdwt	100	59465
Ziram	Mus	musculus	House mouse	CEL	GEN	CABR	LOAEL		3 d		25		mg/kg bdwt	100	59465
Ziram	Drosophila	melanogaster	Fruit fly	CEL	GEN	GEXP	NOAEL		2 d		0.078		%	100	98663

[illegible]

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Drosophila	melanogaster	Fruit fly	CEL	GEN	GEXP	LOAEL		4 d		0.013		%	100	98663
Ziram	Drosophila	melanogaster	Fruit fly	CEL	GEN	GEXP	LOAEL		4 d		0.013		%	100	98663
Ziram	Drosophila	melanogaster	Fruit fly	CEL	GEN	MUTA	LOAEL		3 d		862		ppm	86.2	88485
Ziram	Rattus	norvegicus	Norway rat	CEL	GEN	BRAK	NOAEL	LOAEL	0.1666667 d		12.5	50	mg/kg bdwt	100	85552
Ziram	Mus	musculus	House mouse	CEL	GEN	BRAK	NOAEL		0.1666667 d		50		mg/kg bdwt	100	85552
Ziram	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL		2 d		0.43		mmol/kg fd	100	98748
Ziram	Danio	rerio	Zebra danio	GRO	GRO	LGTH	EC50		0.875 d		26		nM	100	96528
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	NOEC		8 d		0.02		mg/L	100	98591
Ziram	Prunus	dulcis	Almond	GRO	GRO	LGTH	LOAEL		0.1041667 d		0.0608		lb/acre	76	90495
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	NOEC		8 d		0.02		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	LOEC		8 d		0.5		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	LOEC		8 d		0.5		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	EC50		8 d		0.875		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	EC50		8 d		0.924		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	EC100		8 d		0.17		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	EC100		8 d		0.2		mg/L	100	98591
Ziram	Cylindrosporum	sp.	Blue-green algae	GRO	GRO	GGRO	NOAEL	LOAEL	8 d		0.01	0.05	mg/L	100	98591

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Cylindrospormum	sp.	Blue-green algae	GRO	GRO	GGRO	NOAEL		8 d		0.09		mg/L	100	98591
Ziram	Cylindrospormum	sp.	Blue-green algae	GRO	GRO	GGRO	NOAEL	LOAEL	8 d		0.01	0.05	mg/L	100	98591
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	10 d		4	16	mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		5 d		100		mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		10 d		12.5		mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL	LOAEL	9 d		9.4905	16.1838	ppm	99.9	85847
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	7 d		204	543	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	7 d		204	543	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		364 d		19.5		ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	91 d		19.5	195	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	7 d		14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL	LOAEL	7 d		14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Mus	musculus	House mouse	CEL	HIS	PRLF	LOAEL		3 d		45		ul/org	90	99302
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	EXPT	NOAEL		84 d		543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	EXPT	NOAEL		84 d		543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	ATPH	NOAEL	LOAEL	546 d		19.5	195	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	ATPH	NOAEL	LOAEL	728 d		19.5	195	ppm	97.5	85556
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	GHIS	NOAEL		15 d		587.22		mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	CEL	HIS	GHIS	NOAEL		15 d		587.22		mg/kg bdwt	97.87	98602
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	LOAEL		0.1666667 d		20		mg/kg bdwt	100	38720

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	LOAEL		0.1666667	d	10		mg/kg bdwt	100	38720
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	LOAEL		0.1666667	d	5		mg/kg bdwt	100	38720
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	LOAEL		0.1666667	d	2.5		mg/kg bdwt	100	38720
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	NOAEL		0.1666667	d	1		mg/kg bdwt	100	38720
Ziram	Gallus	domesticus	Domestic Chicken	BCM	HRM	NORE	NOAEL		0.1666667	d	0.5		mg/kg bdwt	100	38720
Ziram	Tilapia	mossambica	Mozambique tilapia	BCM	HRM	PRLC	LOAEL		1	d	0.008		ml/L	100	80948
Ziram	Rattus	norvegicus	Norway rat	PHY	INJ	MTMR	LOAEL	NOAEL	721	d	600	300	ppm	100	99304
Ziram	Rattus	norvegicus	Norway rat	PHY	INJ	ADNM	NOAEL		721	d	600		ppm	100	99304
Ziram	Mus	musculus	House mouse	PHY	INJ	ADNM	LOAEL	NOAEL	721	d	600	300	ppm	100	99304
Ziram	Mus	musculus	House mouse	PHY	INJ	MTMR	NOAEL		721	d	600		ppm	100	99304
Ziram	Oncorhynchus	mykiss	Rainbow trout, brook trout	PHY	ITX	GITX	NOEC	LOEC	4	d	0.056	0.056	mg/L	100	99374
Ziram	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	NOAEL		84	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	NOAEL		84	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	ITX	GITX	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	ITX	GITX	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Anagyrus	dactylopii	Parasitic Wasp	MOR	MOR	MORT	NR-ZERO		1	d	0.2		%	100	97981
Ziram	Cryptolaemus	montroviensis	Mealybug destroyer	MOR	MOR	MORT	NR-ZERO		1	d	0.2		%	100	97981
Ziram	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	LD50		14	d	2.079(1.78 TO 2.376)		ug/egg	99	98593

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Apis	cerana	Thai Honey Bee	MOR	MOR	MORT	LOAEL		1 d		0.3		%	100	89836
Ziram	Apis	cerana	Thai Honey Bee	MOR	MOR	MORT	LOAEL		1 d		0.3		%	100	89836
Ziram	Mus	musculus	House mouse	MOR	MOR	MORT	NR-ZERO		3 d		50		mg/kg bdwt	100	59465
Ziram	Apis	mellifera	Carniolan Honey Bee	MOR	MOR	MORT	LD50		1 d		2000		ug/bee	100	39264
Ziram	Drosophila	melanogaster	Fruit fly	MOR	MOR	MORT	LD50		2 d		0.078		%	100	98663
Ziram	Drosophila	melanogaster	Fruit fly	MOR	MOR	MORT	LD50		3 d		0.039		%	100	98663
Ziram	Drosophila	melanogaster	Fruit fly	MOR	MOR	MORT	LD50		4 d		0.026		%	100	98663
Ziram	Thermocyclops	oblongatus	Copepod	MOR	MOR	MORT	LC50		1 d		0.02		mg/L	100	98660
Ziram	Thermocyclops	oblongatus	Copepod	MOR	MOR	MORT	LC90		1 d		0.04		mg/L	100	98660
Ziram	Thermocyclops	oblongatus	Copepod	MOR	MOR	MORT	LC99		1 d		0.075		mg/L	100	98660
Ziram	Gallus	domesticus	Domestic Chicken	MOR	MOR	MORT	NR-LETH		14 d		3.96		ug/egg	99	98593
Ziram	Anicetus	ceylonensis	Parasitic Wasp	MOR	MOR	MORT	NR-ZERO		1 d		0.06		%	30	62599
Ziram	Aenasius	advena	Parasitic Wasp	MOR	MOR	MORT	NR-ZERO		1 d		0.06		%	30	51860
Ziram	Blepyrus	insularis	Parasitic Wasp	MOR	MOR	MORT	NR-ZERO		1 d		0.06		%	30	51860
Ziram	Drosophila	melanogaster	Fruit fly	MOR	MOR	MORT	NR-ZERO		3 d		862		ppm	86.2	88485
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		21 d		0.011		mg/L	100	11456
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		2 d		0.23(0.18 TO 0.32)		mg/L	100	99418
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	NOEC	LOEC	2 d		0.056	0.1	mg/L	100	99418
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	NR-LETH		1 d		0.32		mg/L	100	99418

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	NR-LETH		1 d		1		mg/L	100	99418
Ziram	Lepomis	macrochirus	Bluegill	MOR	MOR	MORT	LC50		4 d		0.0097(0.086 TO 0.011)		mg/L	98.9	99390
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	EC50		2 d		0.0048(0.034 TO 0.068)		mg/L	98.9	99391
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	NOEC	LOEC	2 d		0.0026	0.0072	mg/L	98.9	99391
Ziram	Daphnia	magna	Water flea	MOR	MOR	MORT	NR-LETH		2 d		0.096		mg/L	98.9	99391
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		10 d		64		mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NOAEL	LOAEL	10 d		50	100	mg/kg bdwt	100	36773
Ziram	Oncorhynchus	mykiss	Rainbow trout, donaldson trout	MOR	MOR	MORT	LC50		4 d		0.7(0.56 TO 1)		mg/L	100	99374
Ziram	Oncorhynchus	mykiss	Rainbow trout, donaldson trout	MOR	MOR	MORT	NR-LETH		4 d		1		mg/L	100	99374
Ziram	Biomphalaria	glabrata	Snail	MOR	MOR	MORT	NR-LETH		1 d		2.5		ppm	50	4574
Ziram	Biomphalaria	glabrata	Snail	MOR	MOR	MORT	NR-LETH		2 d		5		ppm	50	4574
Ziram	Biomphalaria	glabrata	Snail	MOR	MOR	MORT	NR-LETH		2 d		10		ppm	50	4574
Ziram	Biomphalaria	glabrata	Snail	MOR	MOR	MORT	NR-ZERO		1 d		5		ppm	50	4574
Ziram	Canis	familiaris	Domestic dog	MOR	MOR	MORT	NR-ZERO		28 TO 35 d		25		mg/kg bdwt	100	98601
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		14 d		23.3766		ppm	99.9	85847
Ziram	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH		6 d		80		ppm	100	88107
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NR-ZERO		91 TO 101 d		5000		ppm	100	99304
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NR-ZERO		91 TO 101 d		2500		ppm	100	99304

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	LOAEL	NOAEL	721	d	600	300	ppm	100	99304
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	SURV	NOAEL		721	d	600		ppm	100	99304
Ziram	Mus	musculus	House mouse	MOR	MOR	SURV	NOAEL		721	d	600		ppm	100	99304
Ziram	Mus	musculus	House mouse	MOR	MOR	SURV	NOAEL		721	d	600		ppm	100	99304
Ziram	Mus	musculus	House mouse	MOR	MOR	SURV	NR-ZERO		91	d	300		ppm	100	99304
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		15	d	293.61		mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		15	d	14.6805		mg/kg bdwt	97.87	98602
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	MOR	MOR	HTCH	NOAEL		2	d	160		g/l	80	92020
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	MOR	MOR	HTCH	NOAEL		3	d	160		g/l	80	92020
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	MOR	MOR	HTCH	NOAEL		2	d	160		g/l	80	92020
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	MOR	MOR	HTCH	NOAEL		3	d	160		g/l	80	92020
Ziram	Gallus	domesticus	Domestic Chicken	GRO	MPH	WDTH	LOAEL		2	d	0.43		mmol/kg fd	100	98748
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	10	d	16	64	mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	5	d	25	50	mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	10	d	12.5	25	mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	60	d	5	25	ppm	98	99301
Ziram	Mus	musculus	House mouse	GRO	MPH	WGHT	LOAEL		3	d	45		ul/org	90	99302

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		91	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		91	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	15	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		15	d	14.6805		mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	NOC	NOC	NRNR	NOEL	LOEL	>=91	d	202.5909	528.498	ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	NOC	NOC	NRNR	NOEL		>=91	d	528.498		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	PBEX	LOAEL		1	d	0.97		mmol/kg	>=97	86510
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	IUPT	NOAEL	LOAEL	30	d	5	25	ppm	98	99301
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	FECL	NOAEL		84	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	FECL	NOAEL		84	d	543		ppm	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	NOAEL	LOAEL	0.1666667	d	14.6805	293.61	mg/kg bdwt	97.87	98602
Ziram	Rattus	norvegicus	Norway rat	POP	POP	SEXR	NOAEL		14	d	23.3766		ppm	99.9	85847
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	POP	POP	ABND	NOAEL		79	d	160		g/l	80	92020
Ziram	Betula	pendula	European white birch	REP	REP	GERM	NOAEL		<=28	d	10		%	100	98428
Ziram	Betula	pendula	European white birch	REP	REP	GERM	NOAEL		<=28	d	10		%	100	98428
Ziram	Pinus	nigra	European black pine	REP	REP	GERM	LOAEL		<=28	d	10		%	100	98428
Ziram	Pinus	nigra	European black pine	REP	REP	GERM	LOAEL		<=28	d	10		%	100	98428

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Ziram	Fraxinus	excelsior	European ash	REP	REP	GERM	NOAEL		<=42	d	10		%	100	98428
Ziram	Acer	pseudoplatanus	Sycamore	REP	REP	GERM	NOAEL		<=42	d	10		%	100	98428
Ziram	Prunus	dulcis	Almond	REP	REP	GERM	LOAEL		0.1041667	d	0.0608		lb/acre	76	90495
Ziram	Rattus	norvegicus	Norway rat	REP	REP	SEXR	NOAEL			d	65		mg/kg bdwt	98.9	99389
Ziram	Rattus	norvegicus	Norway rat	REP	REP	NCLU	NOAEL		5	d	100		mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	REP	REP	PILS	NOAEL	LOAEL	10	d	25	50	mg/kg bdwt	100	36773
Ziram	Rattus	norvegicus	Norway rat	REP	REP	NOIM	NOAEL		14	d	23.3766		ppm	99.9	85847
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	REP	REP	GMET	NOAEL		7	d	160000		ppm	80	92020
Ziram	Amblyseius	andersoni	Two-spotted Spider Mite	REP	REP	GMET	NOAEL		7	d	160000		ppm	80	92020