

Appendix I. Accepted ECOTOX Data Table (sorted by effect)

The following table provides a complete list of phosmet studies accepted into the ECOTOX database since 2008, grouped by effect. Studies accepted into ECOTOX prior to that date were considered in previous assessments for phosmet and are cited in the Pesticide Effects Determination for the risks of phosmet to the California Red Legged Frog (USEPA, 2008).

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

Ref #	Habitat	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref Mean	Dur Unit Pref	Conc Type	Conc #1 Pur Adj in Pref Unit Mean	Conc #2 Pur Adj in Pref Unit Mean	Conc Units Pref	% Pur
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	BCM	PRCO	LOAEL		12d	A		0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	BCM	PRCO	NOAEL		12d	A		0.01		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	ENZ	CEST	LOAEL		12d	A		0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	ENZ	CEST	NOAEL		12d	A		0.01		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	ENZ	CEST	LOAEL		21d	A		9E-04		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	BCM	ENZ	CEST	NOAEL		21d	A		0.004		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	GRO	LGTH	LOAEL		12d	A		0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	GRO	LGTH	NOAEL		12d	A		0.01		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	GRO	WGHT	NOAEL	LOAEL	21d	A		9E-04		0mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	MPH	AREA	LOAEL		12d	A		0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	MPH	AREA	NOAEL		12d	A		0.01		mg/L	98

Ref #	Habitat	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref Mean	Dur Unit Pref	Conc Type	Conc #1 Pur Adj in Pref Unit Mean	Conc #2 Pur Adj in Pref Unit Mean	Conc Units Pref	% Pur
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	GRO	MPH	AREA	NOAEL		21d		A	0.004		mg/L	98
114312	terr	<i>Bathyplectes</i>	<i>curculionis</i>	Parasitic wasp	MOR	MOR	MORT	LC50		1d		A	0.005		AI %	99.5
99767	terr	<i>Coleotechnites</i>	<i>milleri</i>	Lodgepole Needleminer	MOR	MOR	MORT	NOAEL		22d		A	340		AI g/378 L	50
112000	terr	<i>Leptinotarsa</i>	<i>decehlineata</i>	Colorado potato beetle	MOR	MOR	MORT	NR-LETH		3d		A	280		AI g/ha	50
99406	terr	<i>Manduca</i>	<i>quinguemaculata</i>	Tomato Hornworm	MOR	MOR	MORT	NR-LETH		0.75d		F	1		% w/v	100
99406	terr	<i>Manduca</i>	<i>quinguemaculata</i>	Tomato Hornworm	MOR	MOR	MORT	NR-ZERO		0.75d		F	0.1		% w/v	100
73149	terr	<i>Neoseiulus</i>	<i>fallacis</i>	Predatory mite	MOR	MOR	MORT	LOEL		1d		A	1680		ppm	70
73149	terr	<i>Neoseiulus</i>	<i>fallacis</i>	Predatory mite	MOR	MOR	MORT	LOEL		2d		A	1680		ppm	70
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	MOR	MOR	MORT	NR-ZERO		12d		A	0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	MOR	MOR	MORT	NR-ZERO		12d		A	0.01		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	MOR	MOR	MORT	NOAEL	LOAEL	21d		A	9E-04		0mg/L	98
110866	terr	<i>Trichogramma</i>	<i>platneri</i>	Parasitic wasp	MOR	MOR	MORT	LOAEL		2d		F	75		ppm	100
110866	terr	<i>Trichogramma</i>	<i>platneri</i>	Parasitic wasp	MOR	MOR	MORT	LOAEL		2d		F	750		ppm	100
110866	terr	<i>Trichogramma</i>	<i>platneri</i>	Parasitic wasp	MOR	MOR	MORT	NR-LETH		2d		F	750		ppm	100

Ref #	Habitat	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref Mean	Dur Unit Pref	Conc Type	Conc #1 Pur Adj in Pref Unit Mean	Conc #2 Pur Adj in Pref Unit Mean	Conc Units Pref	% Pur
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	PHY	PHY	RPRT	LOAEL		9d	A		0.008		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	PHY	PHY	RPRT	NOAEL		9d	A		0.01		mg/L	98
112625	aq	<i>Salmo</i>	<i>salar</i>	Atlantic salmon	PHY	PHY	RPRT	NOAEL	LOAEL	9d	A		9E-04	0	mg/L	98
114809	terr	<i>Bathylectes</i>	<i>curculionis</i>	Parasitic wasp	POP	POP	ABND	NOAEL		d	A		0.75		AI lb/acre	100
114809	terr	<i>Bathylectes</i>	<i>curculionis</i>	Parasitic wasp	POP	POP	ABND	LOAEL		d	A		0.75		AI lb/acre	100
114809	terr	<i>Bathylectes</i>	<i>curculionis</i>	Parasitic wasp	POP	POP	ABND	LOAEL		d	A		0.75		AI lb/acre	100
114809	terr	<i>Bathylectes</i>	<i>curculionis</i>	Parasitic wasp	POP	POP	ABND	NOAEL		21d	A		0.75		AI lb/acre	100
114809	terr	<i>Bathylectes</i>	<i>curculionis</i>	Parasitic wasp	POP	POP	ABND	LOAEL		21d	A		0.75		AI lb/acre	100
99767	terr	<i>Coleotechnites</i>	<i>milleri</i>	Lodgepole Needleminer	POP	POP	ABND	LOAEL		d	A		454		AI g/eu	50
106275	terr	<i>Cydia</i>	<i>pomonella</i>	Coddling moth	POP	POP	CNTL	NOAEL	LOAEL	d	A		2	4	AI lb/acre	50
90636	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		7d	A		0.75		AI lb/acre	50
90636	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		14d	A		0.75		AI lb/acre	50
90636	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	A		0.75		AI lb/acre	50
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	NOAEL		d	A		1		AI lb/acre	100

Ref #	Habitat	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Pref Mean	Dur Unit Pref	Conc Type	Conc #1 Pur Adj in Pref Unit Mean	Conc #2 Pur Adj in Pref Unit Mean	Conc Units Pref	% Pur
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	1		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL			d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	d	A	1		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	d	A	1		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	d	A	0.75		AI lb/acre	100
114809	terr	<i>Hypera</i>	<i>postica</i>	Weevil	POP	POP	ABND	LOAEL		21d	d	A	0.75		AI lb/acre	100

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112751	terr	<i>Solenopsis</i>	<i>invicta</i>	Red imported fire ant	POP	POP	ABND	LOAEL			d	A	4		AI g/eu	100
112751	terr	<i>Solenopsis</i>	<i>invicta</i>	Red imported fire ant	POP	POP	ABND	LOAEL			d	A	4		AI g/eu	100
112751	terr	<i>Solenopsis</i>	<i>invicta</i>	Red imported fire ant	POP	POP	ABND	LOAEL			d	A	4		AI g/eu	100
114803	terr	<i>Sorghum</i>	<i>bicolor</i>	Grain sorghum	POP	POP	BMAS	NOAEL			hv	A	0.5		AI lb/acre	100
114803	terr	<i>Sorghum</i>	<i>bicolor</i>	Grain sorghum	POP	POP	BMAS	NOAEL			hv	A	0.5		AI lb/acre	100

Abbreviations: ABND = abundance, Adj = adjusted, AI = active ingredient, aq = aquatic, BCM = biochemical, BMAS = biomass, CEST = cholinesterase, Conc = concentration, d = day, Dur = duration, Endpt = endpoint, ENZ = enzyme, GRO = growth, LGTH = length, lb = pound, LOAEL = lowest observed adverse effect level, Meas = measurement, MOR(T) = mortality, MPH = morphology, NOAEL = no observed adverse effect level, NR = not reported, POP = population, PRCO = protein content, Pur = purity, PHV = post-harvest, Pref = preferred, Ref = reference, terr = terrestrial, WGHT = weight