

APPENDIX G: 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 Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	Rattus	norvegicus	Norway rat	ACC	ACC	RSDE	NOAEL		168	h	7	0.75		mg/kg bdwt	100	99111
Phorate	Nicotiana	sp.	tobacco	BCM	BCM	NICT	LOAEL		105	d	105	0.446		lb/acre	10	96638
Phorate	Zea	mays	Corn	BCM	BCM	CHLO	NOAEL		7	d	7	1.31		Al lb/acre	100	74042
Phorate	Solanum	tuberosum	Potato	BCM	BCM	RSUG	NOAEL	LOAEL	NA	hv	NA	1.338	2.676	lb/acre	100	87155
Phorate	Arachis	hypogaea	Peanut	BCM	BCM	FLRS	LOAEL		72	h	3	0.101688		lb/acre	100	82752
Phorate	Oryza	sativa	Rice	BCM	BCM	GBCM	LOAEL		na	stg	na	0.892		lb/acre	100	87566
Phorate	Glycine	max	Soybean	BCM	BCM	PRCO	NOAEL		na	hv	na	0.892		lb/acre	10	88995
Phorate	Americamysis	bahia	Opossum shrimp	BEH	BEH	SWIM	MATC		96	h	4	0.000078 TO <0.00018		mg/L	100	4837
Phorate	Pennisetum	glaucum	Pearl millet	GRO	DVP	EMRG	LOAEL		10	d	10	33.6		Al mg/eu	15	86668
Phorate	Robinia	pseudoacacia	Black locust	GRO	DVP	ABNM	NOAEL		10	d	10	2		Al oz/100 lb sd	100	96394
Phorate	Robinia	pseudoacacia	Black locust	GRO	DVP	ABNM	NOAEL		10	d	10	6		oz/100 lb seed	100	96394
Phorate	Robinia	pseudoacacia	Black locust	GRO	DVP	ABNM	NOAEL		19	d	19	2		Al oz/100 lb sd	100	96394
Phorate	Robinia	pseudoacacia	Black locust	GRO	DVP	ABNM	NOAEL		10	d	10	6		oz/100 lb seed	100	96394
Phorate	Gossypium	hirsutum	Cotton	GRO	DVP	EMRG	LOAEL		15	d	15	0.74928		lb/acre	100	96622
Phorate	Arachis	hypogaea	Peanut	GRO	DVP	DVLP	NOAEL		na	hv	na	4.06752		lb/acre	100	82752
Phorate	Phasianus	colchicus	ring-necked pheasant	BCM	ENZ	GENZ	LOAEL		14	d	14	84		ppm	100	35063
Phorate	Phasianus	colchicus	ring-necked pheasant	BCM	ENZ	GENZ	LOAEL		14	d	14	84		ppm	100	35063
Phorate	Columba	livia	rock dove	BCM	ENZ	GENZ	LOAEL		14	d	14	81		ppm	100	35063
Phorate	Columba	livia	rock dove	BCM	ENZ	GENZ	LOAEL		14	d	14	81		ppm	100	35063
Phorate	Arachis	hypogaea	Peanut	BCM	ENZ	CTLS	NOAEL	LOAEL	168	h	7	1.01688	10.1688	lb/acre	100	82752
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	NOAEL		3	wk	21	0.1		lb/acre	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	LOAEL		3	wk	21	1		ai ppm	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	NOAEL		1 to 27	d	1 TO 27	25		ai ppm	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	NOAEL		28 to 44	d	28 TO 44	25		ai ppm	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	NOAEL		46 to 61	d	46 TO 61	25		ai ppm	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	NOAEL		62 to 82	d	62 TO 82	25		ai ppm	10	55452
Phorate	Soil	Community	Soil community	BEH	FDB	LTBD	LOAEL		83 to 110	d	83 TO 110	1		ai ppm	10	55452
Phorate	Hordeum	vulgare	Barley	CEL	GEN	MIAT	LOAEL		75	h	3.125	0.1		% Al	100	59664
Phorate	Pennisetum	glaucum	Pearl millet	GRO	GRO	DWGT	NOAEL	LOAEL	21	d	21	33.6	50.4	Al mg/eu	15	86668
Phorate	Avena	sp.	Oat	GRO	GRO	WGHT	NOAEL	LOAEL	3	wk	21	0.5	2	ppm	100	25523
Phorate	Gladiolus	sp.	Gladiolus	GRO	GRO	BMAS	NOAEL		87	d	87	3.0328		lb/acre	100	96066
Phorate	Gladiolus	sp.	Gladiolus	GRO	GRO	BMAS	NOAEL		99	d	99	6.1548		lb/acre	100	96066
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	HGHT	LOAEL		14	dpe	14	10		lb/acre	100	96629
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	VGOR	NOAEL		35	d	35	0.74928		lb/acre	100	96622
Phorate	Triticum	aestivum	Bread wheat	GRO	GRO	HGHT	NOAEL	LOAEL		pgm	NR	3	9	ppm	10	96837
Phorate	Beta	vulgaris	Sugar Beet	GRO	GRO	LGTH	NOAEL	LOAEL	18	d	18	9	27	ppm	10	96837
Phorate	Beta	vulgaris	Sugar Beet	GRO	GRO	LGTH	LOAEL		12	d	12	5		ppm	10	96837
Phorate	Hordeum	vulgare	Barley	GRO	GRO	HGHT	NOAEL		7	d	7	0.1		% Al	100	59664
Phorate	Medicago	sativa	Alfalfa	GRO	GRO	NODE	NOAEL		55	d	55	1.338		lb/acre	100	87116
Phorate	Trifolium	alexandrinum	Berseem	GRO	GRO	NODE	NOAEL		55	d	55	1.338		lb/acre	100	87116
Phorate	Vigna	unguiculata	Black-eyed pea	GRO	GRO	NODE	NOAEL		55	d	55	1.338		lb/acre	100	87116
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		30	d	30	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		60	d	60	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		90	d	90	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		120	d	120	2.23		lb/acre	100	87018
Phorate	Zea	mays	Corn	GRO	GRO	HGHT	NOAEL		28	d	28	1.31		Al lb/acre	100	74042
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		30	d	30	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		60	d	60	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	BMAS	NOAEL		90	d	90	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	GRO	VGOR	NOAEL		70	d	70	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	GRO	GRO	VGOR	NOAEL		93	d	93	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	GRO	GRO	VGOR	NOAEL		81	d	81	3.0328		lb/acre	100	87159
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	WGHT	LOAEL		21	d	21	1.999864		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	WGHT	LOAEL		21	d	21	1.999864		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	LGTH	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	LGTH	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	NLEF	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	GGRO	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas.	Endpt1	Endpt2	Dur Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	WGHT	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174
Phorate	Gossypium	hirsutum	Cotton	GRO	GRO	WGHT	NOAEL		15 to 43	dpp	15 to 43	1.5		Al kg/fed	50	99174
Phorate	Allopolophora	caliginosa	Earthworm	GRO	GRO	WGHT	EC100		7	d		7	0.054	ppm	20	44566
Phorate	Glycine	max	Soybean	GRO	GRO	NODE	NOAEL		55	d	55	0.892		lb/acre	10	88995
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		na	hv	na	10.704		lb/acre	100	93320
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		3	wk	21	0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		na	hv	na	0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		1	wk	7	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		2	wk	14	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		4	wk	28	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	GRO	HGHT	NOAEL		4	mo	120	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	GRO	NODE	NOAEL		48	d	48	0.15		g/m	10	96668
Phorate	Oscinella	sp.	Frit Fly	PHY	IMM	PARA	NOAEL		84	d	84	1.2		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	PHY	IMM	PARA	NOAEL		84	d	84	1.7		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	PHY	IMM	PARA	NOAEL		85	d	85	1.2		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	PHY	IMM	PARA	NOAEL		85	d	85	1.7		ai kg/ha	100	97168
Phorate	Beta	vulgaris	Sugar Beet	PHY	IMM	IFCT	NOAEL		3	mo	90	1.784		lb/acre	100	97565
Phorate	Zea	mays	Corn	PHY	IMM	IFCT	LOAEL		na	hv	na	1.4718		lb/acre	100	71032
Phorate	Arachis	hypogaea	Peanut	PHY	IMM	IFCT	NOAEL		na	hv	na	4.06752		lb/acre	100	82752
Phorate	Arachis	hypogaea	Peanut	PHY	IMM	IFCT	LOAEL		na	hv	na	22.3		lb/acre	100	91257
Phorate	Zea	mays	Corn	PHY	IINJ	GINJ	NOAEL		28	d	28	1.31		Al lb/acre	100	74042
Phorate	Beta	vulgaris	Sugar Beet	PHY	IINJ	DAMG	LOAEL		na	hv	na	1.5164		lb/acre	10	87321
Phorate	Lymnaea	acuminata	Pond snail	MOR	MOR	MORT	LC10		96	h	4	8.82		mg/L	100	92553
Phorate	Lymnaea	acuminata	Pond snail	MOR	MOR	MORT	LC50		96	h	4	17.59		mg/L	100	92553
Phorate	Lymnaea	acuminata	Pond snail	MOR	MOR	MORT	LC90		96	h	4	35.07		mg/L	100	92553
Phorate	Americamysis	bahia	Opossum shrimp	MOR	MOR	MORT	LOAEL		96	h	4	0.0011		mg/L	100	90259
Phorate	Aphis	gossypii	Cotton aphid	MOR	MOR	MORT	NR-LETH		7	d	7	2		Al oz/100 lb sd	100	96394
Phorate	Aphis	gossypii	Cotton aphid	MOR	MOR	MORT	NR-LETH		7	d	7	6		oz/100 lb seed	100	96394
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		24	h	1	0.32		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		24	h	1	0.42		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		24	h	1	0.33		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		24	h	1	0.57		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		24	h	1	0.44		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		24	h	1	0.9		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		24	h	1	0.43		ug	100	96420
Phorate	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		24	h	1	0.79		ug	100	96420
Phorate	Gossypium	hirsutum	Cotton	MOR	MOR	SURV	LOAEL		35	d	35	0.74928		lb/acre	100	96622
Phorate	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LD50		14	d	14	85.2(59.3 TO 122)		mg/kg bdwt	98.8	50386
Phorate	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LD50		14	d	14	0.616(0.367 TO 1.03)		mg/kg bdwt	98.8	50386
Phorate	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LD50		14	d	14	2.55(2.02 TO 3.21)		mg/kg bdwt	88	50386
Phorate	Phasianus	colchicus	ring-necked pheasant	MOR	MOR	MORT	LD50		14	d	14	7.12(4.94 TO 10.3)		mg/kg bdwt	98.8	50386
Phorate	Alectoris	chukar	Chukar	MOR	MOR	MORT	LD50		14	d	14	12.8(3.2 TO 51.2)		mg/kg bdwt	98.8	50386
Phorate	Phasianus	colchicus	ring-necked pheasant	MOR	MOR	MORT	LOAEL		30	d	30	3.5 TO <7		mg/kg bdwt	98.8	50386
Phorate	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LD50		24	h	1	203(149 TO 276)		mg/kg bdwt	88	50386
Phorate	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50		5	d	5	575		ppm	90	50181
Phorate	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO		5	d	5	250		ppm	90	50181
Phorate	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO		5	d	5	330		ppm	90	50181
Phorate	Beta	vulgaris	Sugar Beet	MOR	MOR	MORT	NR-ZERO		5	mo	150	5		Al mg	100	97565
Phorate	Folsomia	candida	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.001	0.05	ppm	95 to 97	67151
Phorate sulfone	Folsomia	candida	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.01	0.1	ppm	95 to 97	67151
Phorate sulfoxide	Folsomia	candida	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.01	0.5	ppm	95 to 97	67151
Phorate sulfoxide	Ceratophysella	armata	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.1	0.5	ppm	95 to 97	67151
Phorate sulfone	Ceratophysella	armata	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.05	1	ppm	95 to 97	67151
Phorate	Ceratophysella	armata	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.001	0.1	ppm	95 to 97	67151
Phorate	Onychiurus	justi	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.001	1	ppm	95 to 97	67151
Phorate sulfone	Onychiurus	justi	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.1	5	ppm	95 to 97	67151
Phorate sulfoxide	Onychiurus	justi	Springtail	MOR	MOR	MORT	NR-ZERO	NR-LETH	24	h	1	0.1	5	ppm	95 to 97	67151
Phorate	Deroceras	panormitanum	Longneck Fieldslug	MOR	MOR	MORT	LOAEL		10	d	10	0.9		% AI	100	79821

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	Deroceras	panormitanum	Longneck Fieldslug	MOR	MOR	MORT	LOAEL		10 d		10	0.9		% AI	100	79821
Phorate	Deroceras	panormitanum	Longneck Fieldslug	MOR	MOR	MORT	LOAEL		10 d		10	2.2		kg/ha	100	79821
Phorate	Deroceras	panormitanum	Longneck Fieldslug	MOR	MOR	MORT	LOAEL		10 d		10	2.2		kg/ha	100	79821
Phorate	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	NR-LETH		10 d		10	2.2		kg/ha	100	79821
Phorate	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	LOAEL		10 d		10	2.2		kg/ha	100	79821
Phorate	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	NR-LETH		10 d		10	0.9		% AI	100	79821
Phorate	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	LOAEL		10 d		10	0.9		% AI	100	79821
Phorate	Cognettia	sphagnetorum	Enchytraeid worm	MOR	MOR	MORT	NR-LETH		24 h		1	0.4		lb/acre	10	55452
Phorate	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50		8 d		8	200		ppm	100	35214
Phorate	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LC50		8 d		8	248		ppm	100	35214
Phorate	Phasianus	colchicus	ring-necked pheasant	MOR	MOR	MORT	LC50		8 d		8	441		ppm	100	35214
Phorate	Colinus	virginianus	northern bobwhite	MOR	MOR	MORT	LC50		8 d		8	373		ppm	100	35214
Phorate	Vigna	unguiculata	Black-eyed pea	GRO	MPH	WGHT	LOAEL		35 d		35	1		AI lb/acre	100	64493
Phorate	Triticum	aestivum	Bread wheat	GRO	MPH	WGHT	NOAEL	LOAEL	99 d		99	2		4 ppm	10	96672
Phorate	Trifolium	alexandrinum	Berseem	GRO	MPH	WGHT	NOAEL		55 d		55	1.338		lb/acre	100	87116
Phorate	Vigna	unguiculata	Black-eyed pea	GRO	MPH	WGHT	NOAEL		55 d		55	1.338		lb/acre	100	87116
Phorate	Medicago	sativa	Alfalfa	GRO	MPH	WGHT	NOAEL	LOAEL	55 d		55	0.892	1.338	lb/acre	100	87116
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		30 d		30	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		60 d		60	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		90 d		90	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		120 d		120	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		30 d		30	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		60 d		60	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	AREA	NOAEL		90 d		90	2.23		lb/acre	100	87018
Phorate	Solanum	tuberosum	Potato	GRO	MPH	WGHT	NOAEL		98 d		98	3.0328		lb/acre	100	87159
Phorate	Arachis	hypogaea	Peanut	GRO	MPH	WDTH	NOAEL		6 wpe		42	1.01688		lb/acre	100	82752
Phorate	Arachis	hypogaea	Peanut	GRO	MPH	WDTH	NOAEL	na	hv	na		1.01688		lb/acre	100	82752
Phorate	Arachis	hypogaea	Peanut	GRO	MPH	WDTH	NOAEL		6 wk		42	4.06752		lb/acre	100	82752
Phorate	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	LOAEL		21 d		21	1.99864		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	GRO	MPH	WGHT	LOAEL		21 d		21	1.99864		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	GRO	MPH	LGTH	LOAEL		7 d		7	1		ppm	10	99112
Phorate	Gossypium	hirsutum	Cotton	GRO	MPH	LGTH	NOAEL	LOAEL	4 d		4	1		5 ppm	10	99112
Phorate	Oryza	sativa	Rice	GRO	MPH	WGHT	NOAEL	na	stg	na		0.892		lb/acre	100	87566
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL		55 d		55	0.892		lb/acre	10	88995
Phorate	Hordeum	vulgare	Barley	GRO	MPH	HGHT	NOAEL	LOAEL	7 d		7	0.1	0.5	%	100	99386
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL	na	hv	na		0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL	na	hv	na		0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL	na	hv	na		1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL	na	hv	na		1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	MPH	WGHT	NOAEL	na	hv	na		1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	GRO	MPH	HGHT	NOAEL		48 d		48	0.15		g/m	10	96668
Phorate	Zea	mays	Corn	GRO	MPH	HGHT	NOAEL		77 d		77	0.11		AI g/m	20	99110
Phorate	Zea	mays	Corn	GRO	MPH	HGHT	LOAEL		33 d		33	0.11		AI g/m	20	99110
Phorate	Zea	mays	Corn	GRO	MPH	HGHT	NOAEL		3 wk		21	0.11		AI g/m	20	99110
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	BTMP	NOAEL		31 d		31	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	BTMP	NOAEL		38 d		38	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	BTMP	NOAEL		43 d		43	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	BTMP	NOAEL		51 d		51	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	TRAN	NOAEL		53 d		53	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	PHY	PHY	BTMP	NOAEL		53 d		53	1.49856		lb/acre	15	87074
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	VOLU	LOAEL		168 h		7	0.75		mg/kg bdwt	100	99111
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	GLUP	LOAEL		1 wk		7	0.011		ppm	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	GLUP	NOAEL		2 wk		14	0.11		ppm	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	TSUP	LOAEL		1 wk		7	0.011		ppm	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	TSUP	NOAEL		2 wk		14	0.11		ppm	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	GLUP	LOAEL		1 wk		7	11		ug/kg bdwt	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	GLUP	NOAEL		2 wk		14	110		ug/kg bdwt	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	TSUP	NOAEL		1 wk		7	110		ug/kg bdwt	100	98664
Phorate	Rattus	norvegicus	Norway rat	PHY	PHY	TSUP	NOAEL		2 wk		14	110		ug/kg bdwt	100	98664
Phorate	Gossypium	hirsutum	Cotton	POP	POP	BMAS	NOAEL		~4.5	mo	~135	0.75		AI lb/acre	100	88776

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	NR	Thysanoptera	Thrip order	POP	POP	ABND	NOAEL		11 d		11	0.75		Al lb/acre	100	88776
Phorate	Taeniothrips	simplex	Gladiolus Thrip	POP	POP	ABND	LOAEL		87 d		87	1.8		Al kg/ha	100	96066
Phorate	Taeniothrips	simplex	Gladiolus Thrip	POP	POP	ABND	NOAEL	LOAEL	99 d		99	2.2	3.4	Al kg/ha	100	96066
Phorate	Gossypium	hirsutum	Cotton	POP	POP	BMAS	LOAEL		hv			0.74928		lb/acre	100	96622
Phorate	Triticum	aestivum	Bread wheat	POP	POP	BMAS	NOAEL	LOAEL	99 d		99	2	4	ppm	10	96672
Phorate	Vicia	faba	Broadbean	POP	POP	BMAS	NOAEL		105 d		105	250		ppm	10	96837
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		29 d		29	1.0704		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		29 d		29	1.5164		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		27 d		27	1.0704		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		27 d		27	1.5164		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		31 d		31	1.0704		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		31 d		31	1.5164		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		21 d		21	1.0704		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		21 d		21	1.5164		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		42 d		42	1.0704		lb/acre	100	97168
Phorate	Lolium	perenne	Perennial ryegrass	POP	POP	ABND	NOAEL		42 d		42	1.5164		lb/acre	100	97168
Phorate	Oscinella	sp.	Frit Fly	POP	POP	ABND	NOAEL		84 d		84	1.2		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	POP	POP	ABND	NOAEL		84 d		84	1.7		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	POP	POP	ABND	NOAEL		85 d		85	1.2		ai kg/ha	100	97168
Phorate	Oscinella	sp.	Frit Fly	POP	POP	ABND	NOAEL		85 d		85	1.7		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		93 d		93	1.2		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		93 d		93	1.7		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		82 d		82	1.2		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		82 d		82	1.7		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	BMAS	LOAEL		101 d		101	1.2		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	BMAS	LOAEL		101 d		101	1.7		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		84 d		84	1.2		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	LOAEL		84 d		84	1.7		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		98 d		98	1.2		ai kg/ha	100	97168
Phorate	NR	Annelida	Segmented worm phylum	POP	POP	ABND	NOAEL		98 d		98	1.7		ai kg/ha	100	97168
Phorate	Beta	vulgaris	Sugar Beet	POP	POP	BMAS	NOAEL		3 mo		90	1.784		lb/acre	100	97565
Phorate	Lumbricus	terrestris	Earthworm	POP	POP	ABND	LOAEL		21 d		21	3.4		Al kg/ha	10	35493
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		6 d		6	10		ppm	>=94	54977
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		4 d		4	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		11 d		11	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		18 d		18	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		33 d		33	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		48 d		48	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		4 d		4	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		11 d		11	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		18 d		18	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		33 d		33	0.892		lb/acre	10	87027
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		48 d		48	0.892		lb/acre	10	87027
Phorate	Oryza	sativa	Rice	POP	POP	BMAS	NOAEL		~4 mo		~120	1		Al kg/ha	10	84116
Phorate	Oryza	sativa	Rice	POP	POP	BMAS	NOAEL		~4 mo		~120	1		Al kg/ha	10	84116
Phorate	Oryza	sativa	Rice	POP	POP	BMAS	NOAEL		~4 mo		~120	1		Al kg/ha	10	84116
Phorate	Oryza	sativa	Rice	POP	POP	BMAS	NOAEL		~4 mo		~120	1		Al kg/ha	10	84116
Phorate	Oryza	sativa	Rice	POP	POP	BMAS	NOAEL		~4 mo		~120	1		Al kg/ha	10	84116
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	3.0328		lb/acre	100	87159
Phorate	Glomus	sp.	Mycorrhizae fungi	POP	POP	ABND	LOAEL		na	hv	na	1.4718		lb/acre	100	71032
Phorate	Heterodera	cajani	Cyst Nematode	POP	POP	ABND	LOAEL		10 wk		70	5		Al kg/ha soil	100	87152
Phorate	Heterodera	cajani	Cyst Nematode	POP	POP	ABND	LOAEL		10 wk		70	5		Al kg/ha soil	100	87152
Phorate	Fusarium	udum	Wilt fungus	POP	POP	CNTL	NOAEL	LOAEL	10 wk		70	5	10	Al kg/ha soil	100	87152
Phorate	Fusarium	udum	Wilt fungus	POP	POP	CNTL	LOAEL		10 wk		70	5		Al kg/ha soil	100	87152
Phorate	NR	Enchytraeidae	Enchytraed worm family	POP	POP	ABND	NOAEL		64 d		64	25		ai ppm	10	55452
Phorate	NR	Enchytraeidae	Enchytraed worm family	POP	POP	ABND	NOAEL		77 d		77	25		ai ppm	10	55452
Phorate	NR	Nemata	Nematode phylum	POP	POP	ABND	NOAEL	LOAEL	69 d		69	1	25	ai ppm	10	55452
Phorate	NR	Nemata	Nematode phylum	POP	POP	ABND	LOAEL		69 d		69	1		ai ppm	10	55452

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	NR	Protozoa	Protozoan phylum	POP	POP	ABND	NOAEL	LOAEL	69 d		69	1	25	ai ppm	10	55452
Phorate	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL		na	hv	na	1.01688		lb/acre	100	82752
Phorate	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL		na	hv	na	1.01688		lb/acre	100	82752
Phorate	Gossypium	hirsutum	Cotton	POP	POP	BMAS	NOAEL		93 d		93	1.49856		lb/acre	15	87074
Phorate	Gossypium	hirsutum	Cotton	POP	POP	BMAS	NOAEL		93 d		93	1.49856		lb/acre	15	87074
Phorate	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL		na	hv	na	4.06752		lb/acre	100	82752
Phorate	NR	Collembola	Springtail order	POP	POP	ABND	LOAEL		2 to 4	mo	60 TO 120	0.1		lb/acre	10	55452
Phorate	Thanatephorus	cucumeris	Fungi	POP	POP	ABND	NOAEL		na	hv	na	1.5164		lb/acre	10	87321
Phorate	Thanatephorus	cucumeris	Fungi	POP	POP	DMTR	LOAEL		48 h		2	0.5		ppm	10	87321
Phorate	Trichoderma	sp.	Fungi	POP	POP	DMTR	NOAEL	LOAEL	24 h		1	0.5		ppm	10	87321
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	0.892		lb/acre	10	88995
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL	LOAEL	1 d		1	50	100	ppm	100	89095
Phorate	Azotobacter	sp.	Azotobacter	POP	POP	ABND	NOAEL		7 d		7	300		ppm	100	89095
Phorate	Arachis	hypogaea	Peanut	POP	POP	BMAS	NOAEL		na	hv	na	22.3		lb/acre	100	91257
Phorate	Glomus	sp.	Mycorrhizae fungi	POP	POP	ABND	LOAEL		na	hv	na	10.704		lb/acre	100	93320
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	LOAEL		na	hv	na	3		Al lb/acre	100	99388
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL	LOAEL	na	hv	na	3	6	Al lb/acre	100	99388
Phorate	Empoasca	fabae	Potato leafhopper	POP	POP	BMAS	LOAEL		105 d		105	1.5		Al lb/acre	100	99388
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	6		Al lb/acre	100	99388
Phorate	Empoasca	fabae	Potato leafhopper	POP	POP	ABND	LOAEL		83 d		83	1.5		Al lb/acre	100	99388
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	6		Al lb/acre	100	99388
Phorate	Solanum	tuberosum	Potato	POP	POP	BMAS	NOAEL		na	hv	na	6		Al lb/acre	100	99388
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		7 d		7	9.4		ppm	>=94	93645
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		7 d		7	9.4		ppm	>=94	93646
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	0.1		lb/acre	10	94878
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	1		lb/acre	100	94878
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		na	hv	na	1		lb/acre	100	94878
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Atherigona	soccata	Sorghum shootfly	POP	POP	CNTL	LOAEL		10 d		10	2		ai kg/ha	5	95406
Phorate	Glycine	max	Soybean	POP	POP	BMAS	NOAEL		48 d		48	0.15		g/m	10	96668
Phorate	Zea	mays	Corn	POP	POP	ABND	NOAEL		na	hv	na	0.11		Al g/m	20	99110
Phorate	Zea	mays	Corn	POP	POP	ABND	LOAEL		na	hv	na	0.11		Al g/m	20	99110
Phorate	Zea	mays	Corn	POP	POP	ABND	LOAEL		na	hv	na	0.11		Al g/m	20	99110
Phorate	Zea	mays	Corn	POP	POP	ABND	NOAEL		na	hv	na	0.11		Al g/m	20	99110
Phorate	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		60 d		60	1.338		lb/acre	10	99623
Phorate	Robinia	pseudoacacia	Black locust	REP	REP	GERM	NOAEL		19 d		19	2		Al oz/100 lb sd	100	96394

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Orig	Dur Unit Orig	Dur Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Phorate	Robinia	pseudoacacia	Black locust	REP	REP	GERM	NOAEL		19 d		19	6		oz/100 lb seed	100	96394
Phorate	Solanum	lycopersicum	Tomato	REP	REP	GERM	NOAEL	LOAEL		gm	NR	500	1000	ppm	100	96418
Phorate	Solanum	lycopersicum	Tomato	REP	REP	GERM	NOAEL	LOAEL		gm	NR	250	500	ppm	100	96418
Phorate	Triticum	aestivum	Bread wheat	REP	REP	GERM	NOAEL			gm	NR	81		ppm	10	96837
Phorate	Vicia	faba	Broadbean	REP	REP	GERM	NOAEL			gm	NR	81		ppm	10	96837
Phorate	Beta	vulgaris	Sugar Beet	REP	REP	GERM	NOAEL	LOAEL	16 d		16	10	50	ppm	10	96837
Phorate	Hordeum	vulgare	Barley	REP	REP	GERM	NOAEL		3 d		3	0.1		% AI	100	59664
Phorate	Hordeum	vulgare	Barley	REP	REP	STRL	NOAEL			hv		0.1		% AI	100	59664
Phorate	Medicago	sativa	Alfalfa	REP	REP	GERM	LOAEL		7 dpp		7	1.784		lb/acre	10	29591
Phorate	Vigna	sp.	Cowpea	REP	REP	GERM	LOAEL		7 dpp		7	1.784		lb/acre	10	29591
Phorate	Sorghum	sp.	Sorghum	REP	REP	GERM	LOAEL		7 dpp		7	1.784		lb/acre	10	29591
Phorate	Solanum	tuberosum	Potato	REP	REP	INFL	NOAEL		84 d		84	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	REP	REP	INFL	NOAEL		92 d		92	3.0328		lb/acre	100	87159
Phorate	Solanum	tuberosum	Potato	REP	REP	INFL	NOAEL		63 d		63	3.0328		lb/acre	100	87159
Phorate	Heterodera	cajani	Cyst Nematode	REP	REP	PROG	LOAEL		10 wk		70	5		AI kg/ha soil	100	87152
Phorate	Heterodera	cajani	Cyst Nematode	REP	REP	PROG	NOAEL	LOAEL	10 wk		70	5	10	AI kg/ha soil	100	87152
Phorate	Gossypium	hirsutum	Cotton	REP	REP	GERM	NOAEL		21 d		21	7.999456		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	REP	REP	GERM	NOAEL		21 d		21	7.999456		lb/acre	10	99112
Phorate	Gossypium	hirsutum	Cotton	REP	REP	GERM	NOAEL		7 d		7	5		ppm	10	99112
Phorate	Gossypium	hirsutum	Cotton	REP	REP	GERM	NOAEL		3 d		3	5		ppm	10	99112
Phorate	Mus	musculus	House mouse	REP	REP	NOIM	NOAEL	LOAEL	15 wk		105	9.59	19.18	ppm	95.9	71394
Phorate	Glomus	sp.	Mycorrhizae fungi	REP	REP	SPRD	LOAEL		na	hv	na	10.704		lb/acre	100	93320
Phorate	Hordeum	vulgare	Barley	REP	REP	FERT	NOAEL	LOAEL	na	hv	na	0.02	0.1	%	100	99386