

**APPENDIX J: Accepted ECOTOX Effects Data Table for Tribufos.**

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 #
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		778				10058
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		815				10058
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		816				10058
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		824				10058
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		1083				10058
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	ACC	ACC	GACC	BCF		60 d		1084				10058
Tribufos	Ictalurus	punctatus	Channel catfish	ACC	ACC	GACC	BCF		90 d		1818				10058
Tribufos	Ictalurus	punctatus	Channel catfish	ACC	ACC	GACC	BCF		90 d		2150				10058
Tribufos	Ictalurus	punctatus	Channel catfish	ACC	ACC	GACC	BCF		90 d		2333				10058
Tribufos	Ictalurus	punctatus	Channel catfish	ACC	ACC	GACC	BCF		90 d		2337				10058
Tribufos	Ictalurus	punctatus	Channel catfish	ACC	ACC	GACC	BCF		90 d		3050				10058
Tribufos	Rattus	norvegicus	Norway rat	BCM	BCM	FATL	NOAEL		8.33E-02 d		0.676		mmol/kg	100	93168
Tribufos	Rattus	norvegicus	Norway rat	BCM	BCM	FATL	NOAEL		8.33E-02 d		0.676		mmol/kg	100	93168
Tribufos	Rattus	norvegicus	Norway rat	BCM	BCM	FATL	NOAEL		8.33E-02 d		0.676		mmol/kg	100	93168

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 #
Tribufos	Rattus	norvegicus	Norway rat	BCM	BCM	FATL	NOAEL		8.33E-02	d	0.676		mmol/kg	100	93168
Tribufos	Cancer	magister	Dungeness or edible crab	BEH	BEH	EQUL	EC50		4	d	0.17		mg/L	94	6793
Tribufos	Mus	musculus	House mouse	CEL	CEL	RSBC	ED50		0.166667	d	47.5		mg/kg	>95	91449
Tribufos	Cancer	magister	Dungeness or edible crab	DVP	DVP	MOLT	NOEC		1	d	0.033		mg/L	94	6793
Tribufos	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL		9	d	28		mg/kg bdwt	99.4	87633
Tribufos	Trichoplusia	ni	Cabbage looper	GRO	DVP	STGE	ET50		~1.325	d	200		nmol	100	93063
Tribufos	Malacosoma	disstria	Forest Tent Caterpillar	BCM	ENZ	ESTE	LOAEL		5	d	0.01		%	100	92611
Tribufos	Mus	musculus	House mouse	BCM	ENZ	PNAD	NOAEL		3	d	100		mg/kg bdwt	100	92612
Tribufos	Gallus	domesticus	Domestic Chicken	BCM	ENZ	BCHE	LOAEL		0.166667	d	95		mg/kg	95	92938
Tribufos	Gallus	sp.	Chicken	BCM	ENZ	CEST	LOAEL		2	d	17.7		ug/cm2	100	93064
Tribufos	Gallus	sp.	Chicken	BCM	ENZ	CEST	NOAEL		22	d	47.8		ug/cm2	100	93064
Tribufos	Gallus	sp.	Chicken	BCM	ENZ	CEST	LOAEL		8	d	108		ug/cm2	100	93064
Tribufos	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL	NOAEL	9	d	7	1	mg/kg bdwt	99.4	87633
Tribufos	Mus	musculus	House mouse	BCM	ENZ	GENZ	ED50		0.166667	d	3.92		mg/kg	>=98	87216
Tribufos	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL	NOAEL	131 TO 139	d	6.13	0.81	Al mg/kg/d	99	88895
Tribufos	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL	NOAEL	118	d	2	0.28	Al mg/kg/d	99	88895
Tribufos	Gallus	gallus	Red junglefowl	BCM	ENZ	ACHE	LOAEL		30	d	380		mg/kg bdwt	95	93054
Tribufos	Musca	domestica	House fly	BCM	ENZ	PRTS	LOAEL		1	d	4000		ng/org	100	92456
Tribufos	Gallus	gallus	Red junglefowl	BCM	ENZ	ACHE	LOAEL		30	d	400		mg/kg	95	92614

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 #
Tribufos	Ictalurus	punctatus	Channel catfish	BCM	ENZ	ACHE	LOAEL		0.166667	d	5		mg/L	100	72743
Tribufos	Malacosoma	disstria	Forest Tent Caterpillar	BEH	FDB	FCNS	NOAEL		Na	ins	0.01		%	100	92611
Tribufos	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL			9 d	28		mg/kg bdwt	99.4	87633
Tribufos	Gallus	domesticus	Domestic Chicken	BCM	GRO	GAIN	LOAEL			28 d	100		mg/kg	95	93169
Tribufos	Malacosoma	disstria	Forest Tent Caterpillar	GRO	GRO	RLGR	LOAEL		NA	ins	0.01		%	100	92611
Tribufos	Gallus	domesticus	Domestic Chicken	GRO	GRO	WGHT	NOAEL	LOAEL		28 d	237.5	475	mg/kg	95	92938
Tribufos	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL			9 d	28		mg/kg bdwt	99.4	87633
Tribufos	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL	NOAEL		139 d	42.23	6.13	Al mg/kg/d	99	88895
Tribufos	Gallus	domesticus	Domestic Chicken	GRO	GRO	GAIN	LOAEL	NOAEL		28 d	500	250	mg/kg	95	93169
Tribufos	Skeletonema	costatum	Diatom	GRO	GRO	GGRO	EC50			4 d	0.366		mg/L		5297
Tribufos	Oncorhynchus	mykiss	Rainbow trout, donaldson trout	GRO	GRO	GGRO	MATC			30 d	0.00076 TO <0.0012		mg/L		10058
Tribufos	Ictalurus	punctatus	Channel catfish	GRO	GRO	GGRO	MATC			90 d	0.002 TO <0.0048		mg/L		10058
Tribufos	Gossypium	hirsutum	Cotton	PHY	INJ	DAMG	LOAEL			7 d	0.41924		lb/acre	100	92450
Tribufos	Gossypium	hirsutum	Cotton	PHY	INJ	DAMG	LOAEL			7 d	0.41924		lb/acre	100	92450
Tribufos	Cancer	magister	Dungeness or edible crab	ITX	ITX	IMBL	EC50			4 d	0.001		mg/L	94	6793
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450

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 #
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LOAEL			3 d	0.47		Al kg/ha	100	92450
Tribufos	Malacosoma	disstria	Forest Tent Caterpillar	MOR	MOR	SURV	NOAEL			4.2 d	0.01		%	100	92611
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO			0.166667 d	5		mg/L	100	92831

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 #
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		0.166667	d	5		mg/L	100	92831
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LD50			2 d	4776		ug/g	93	92832
Tribufos	Pediculus	capitis	Body louse	MOR	MOR	MORT	NR-ZERO		0.125	d	0.1		%	100	92451
Tribufos	Pediculus	capitis	Body louse	MOR	MOR	MORT	NR-LETH		0.166667	d	0.1		%	100	92451
Tribufos	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LOAEL	NOAEL	139D	d	42.23	6.13	Al mg/kg/d	99	88895
Tribufos	Penaeus	aztecus	Brown shrimp	MOR	MOR	MORT	EC50			2 d	0.028		mg/L	100	14134
Tribufos	Leiostomus	xanthurus	Spot	MOR	MOR	MORT	EC50			2 d	0.24		mg/L	100	14134
Tribufos	Musca	domestica	House fly	MOR	MOR	MORT	NR-ZERO			1 d	4000		ng/org	100	92456
Tribufos	Helicoverpa	armigera	Old world bollworm	MOR	MOR	MORT	NR-ZERO			2 d	2.95412		ug/org	98.8	93106
Tribufos	Bufo	woodhousei	Fowler's toad	MOR	MOR	MORT	LC50*			1 d	1.2		mg/L		2891

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 #
Tribufos	Bufo	woodhousei	Fowler's toad	MOR	MOR	MORT	LC50*		2	d	0.76		mg/L		2891
Tribufos	Bufo	woodhousei	Fowler's toad	MOR	MOR	MORT	LC50*		4	d	0.42		mg/L		2891
Tribufos	Americamysis	bahia	Opossum shrimp	MOR	MOR	MORT	LC50		4	d	0.00455		mg/L		4891
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	LC50		4	d	0.19		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	LC50		4	d	0.0066		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	LC50		4	d	1		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	NOEC		>=69	d	0.035		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	HTCH	NOEC		1	d	0.1		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	NOEC		>=69	d	0.024		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	NR-LETH		~75	d	2.6		mg/L	94	6793
Tribufos	Cancer	magister	Dungeness or edible crab	MOR	MOR	MORT	NR-LETH		~50	d	0.27		mg/L	94	6793
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	MOR	MOR	MORT	LC50		4	d	0.31		mg/L		15572

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 #
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LD50		2 d		24851.25		ppm	70.5	93245
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LD50		2 d		24851.25		ppm	70.5	93245
Tribufos	Anthonomus	grandis	Boll weevil	MOR	MOR	MORT	LD50		2 d		1646.88		ppm	70.5	93245
Tribufos	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		3 d		100		mg/kg bdwt	100	92612
Tribufos	Crassostraea	virginica	American or virginia oyster	GRO	MPH	DEPO	EC50		4 d		0.1		mg/L	100	14134
Tribufos	Malacosoma	disstria	Forest Tent Caterpillar	PHY	PHY	DGST	NOAEL		Na	ins	0.01		%	100	92611
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	PHY	PHY	ERWL	LOAEL		1 d		100		mg/kg	100	92937
Tribufos	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	PHY	PHY	ERWL	LOAEL		15 d		100		mg/kg	100	92937
Tribufos	Skeletonema	costatum	Diatom	POP	POP	GPOP	EC50		3 d		450		mg/L		13180
Tribufos	Bellerophona	polymorpha	Diatom	POP	POP	GPOP	EC50		2 d		507		mg/L		13180
Tribufos	Anthonomus	grandis	Boll weevil	POP	POP	ABND	LOAEL		7 d		1.56		Al kg/ha	100	93244
Tribufos	Helicoverpa	zea	Corn earworm	POP	POP	ABND	LOAEL		41 d		1.56		Al kg/ha	100	93244
Tribufos	Rattus	norvegicus	Norway rat	REP	REP	NCLU	NOAEL		9 d		28		mg/kg bdwt	99.4	87633
Tribufos	Rattus	norvegicus	Norway rat	REP	REP	GIDX	LOAEL	NOAEL	118 d		42.23	6.13	Al mg/kg/d	99	88895
Tribufos	Americamysis	bahia	Opossum shrimp	REP	REP	GREP	MATC		28 d		0.00034		mg/L		4891