

APPENDIX K: T-HERPS Example Output for Tribufos.

Inputs:

Chemical Name:	Tribufos
Use	Cotton
Application Rate	1.875 lbs a.i./acre
Half-life	35 days
Maximum # Apps./Year	1
Length of Simulation	1 year

Endpoints

Avian	Bobwhite quail	LD50 (mg/kg-bw)	151.00
	Bobwhite quail	LC50 (mg/kg-diet)	1519.00
	Bobwhite quail	NOAEL(mg/kg-bw)	0.00
	Bobwhite quail	NOAEC (mg/kg-diet)	280.00

Outputs:

TABLE K.1. Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients.											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	151.00	9.83	0.07	1.09	0.01	N/A	N/A	N/A	N/A	N/A	N/A
37	151.00	9.67	0.06	1.07	0.01	280.50	1.86	17.53	0.12	0.34	0.00
238	151.00	6.33	0.04	0.70	0.00	43.61	0.29	2.73	0.02	0.22	0.00

TABLE K.2. Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients.										
LC50 (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1519	253.13	0.17	28.13	0.02	296.52	0.20	18.53	0.01	8.79	0.01

Size class not used for dietary risk quotients

Table K.3. Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients.										
NOAEC (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
280	253.13	0.90	28.13	0.10	296.52	1.06	18.53	0.07	8.79	0.03

Size class not used for dietary risk quotients