

Appendix F. Example T-REX Outputs for Disulfoton (single application at 1 lb a.i./Acre)

Size Class (grams)	Adjusted LD50	EECs and RQs							
		Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	3.37	273.34	80.99	125.28	37.12	153.75	45.56	17.08	5.06
100	4.30	155.87	36.28	71.44	16.63	87.68	20.41	9.74	2.27
1000	6.07	69.78	11.50	31.98	5.27	39.25	6.47	4.36	0.72

LC50	EECs and RQs							
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
330	240.00	0.73	110.00	0.33	135.00	0.41	15.00	0.05

Size class not used for dietary risk quotients

Table3. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOAEC (ppm)	EECs and RQs							
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
37	240.00	6.49	110.00	2.97	135.00	3.65	15.00	0.41

Size class not used for dietary risk quotients

Table 4. Upper Bound Kenaga, Acute Mammalian Dose-Based Risk Quotients		
Size Class	Adjusted	EFCs and ROs

(grams)	LD50	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
15	4.18	228.82	54.80	104.88	25.11	128.71	30.82	14.30	3.42	3.18	0.76
35	3.38	158.15	46.81	72.48	21.45	88.96	26.33	9.88	2.93	2.20	0.65
1000	1.46	36.67	25.09	16.81	11.50	20.63	14.11	2.29	1.57	0.51	0.35

Table 5. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients									
NOAEC (ppm)	EECs and RQs								
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
1	240.00	300.00	110.00	137.50	135.00	168.75	15.00	18.75	

Size class not used for dietary risk quotients

Table 6. Upper Bound Kenaga, Chronic Mammalian Dose-Based Risk Quotients											
Size Class (grams)	Adjusted NOAEL	EECs and RQs									
		Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
15	0.09	228.82	2602.81	104.88	1192.96	128.71	1464.08	14.30	162.68	3.18	36.15
35	0.07	158.15	2223.31	72.48	1019.02	88.96	1250.61	9.88	138.96	2.20	30.88
1000	0.03	36.67	1191.78	16.81	546.23	20.63	670.38	2.29	74.49	0.51	16.55