

Appendix H. Example output from T-REX v.1.4.1

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs based on applications of dicofol to citrus and pome fruits (1 application of 3 lb a.i./A)

Table H1. Upper Bound Kenaga, Acute Avian Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	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
20	144.59	820.01	5.67	375.84	2.60	461.25	3.19	51.25	0.35	11.39	0.08
100	184.08	467.60	2.54	214.32	1.16	263.03	1.43	29.23	0.16	6.49	0.04
1000	260.01	209.35	0.81	95.95	0.37	117.76	0.45	13.08	0.05	2.91	0.01

Table H2. Upper Bound Kenaga, Subacute Avian Dietary Based Risk Quotients								
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
905	720.00	0.80	330.00	0.36	405.00	0.45	45.00	0.05

Size class not used for dietary risk quotients

Table H3. 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
1	720.00	720.00	330.00	330.00	405.00	405.00	45.00	45.00

Size class not used for dietary risk quotients

Table H4. Upper Bound Kenaga, Acute Mammalian Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	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	1290.13	686.46	0.53	314.63	0.24	386.14	0.30	42.90	0.03	9.53	0.01
35	1043.85	474.44	0.45	217.45	0.21	266.87	0.26	29.65	0.03	6.59	0.01
1000	451.50	110.00	0.24	50.42	0.11	61.88	0.14	6.88	0.02	1.53	0.00

Table H5. Upper Bound Kenaga, Acute Mammalian Dietary Based Risk Quotients								
LC50 (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
0	720.00	#DIV/0 !	330.0 0	#DIV/0 !	405.0 0	#DIV/0 !	45.0 0	#DIV/0 !

Size class not used for dietary risk quotients

Table H6. 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
5	720.00	144.00	330.0 0	66.00	405.0 0	81.00	45.0 0	9.00

Size class not used for dietary risk quotients

Table H7. 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	EE C	RQ
15	0.88	686.46	780.8 4	314.63	357.8 9	386.14	439. 22	42.90	48.8 0	9.53	10.8 5
35	0.71	474.44	666.9 9	217.45	305.7 0	266.87	375. 18	29.65	41.6 9	6.59	9.26
1000	0.31	110.00	357.5 3	50.42	163.8 7	61.88	201. 11	6.88	22.3 5	1.53	4.97