

Appendix G. T-Rex Results

Direct Effects of Ziram based on Almonds

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	69.88	6114.21	87.49	2802.35	40.10	3439.24	49.22	382.14	5.47
100	88.96	3486.58	39.19	1598.02	17.96	1961.20	22.05	217.91	2.45
1000	125.66	1560.99	12.42	715.45	5.69	878.06	6.99	97.56	0.78

Table X. 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
5156	5368.52	1.04	2460.57	0.48	3019.79	0.59	335.53	0.07

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	5368.52	185.12	2460.57	84.85	3019.79	104.13	335.53	11.57

Size class not used for dietary risk quotients

Table X. 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	703.31	5118.48	7.28	2345.97	3.34	2879.14	4.09	319.90	0.45	71.09	0.10
35	569.05	3537.55	6.22	1621.38	2.85	1989.87	3.50	221.10	0.39	49.13	0.09
1000	246.13	820.19	3.33	375.92	1.53	461.36	1.87	51.26	0.21	11.39	0.05

Table X. 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	5368.52	#####	2460.57	#####	3019.79	#####	335.53	#### #

Size class not used for dietary risk quotients

Table X. 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
207	5368.52	25.93	2460.57	11.89	3019.79	14.59	335.53	1.62

Size class not used for dietary risk quotients

Table X. 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	R

										C	Q
15	22.75	5118.48	225.01	2345.97	103.13	2879.14	126.57	319.90	14.06	71.09	3.13
35	18.41	3537.55	192.20	1621.38	88.09	1989.87	108.11	221.10	12.01	49.13	2.67
1000	7.96	820.19	103.03	375.92	47.22	461.36	57.95	51.26	6.44	11.39	1.43

Apricots

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	69.88	6114.21	87.49	2802.35	40.10	3439.24	49.22	382.14	5.47
100	88.96	3486.58	39.19	1598.02	17.96	1961.20	22.05	217.91	2.45
1000	125.66	1560.99	12.42	715.45	5.69	878.06	6.99	97.56	0.78

Table X. 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
5156	5368.52	1.04	2460.57	0.48	3019.79	0.59	335.53	0.07

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients	
NOA	EECs and RQs

EC (ppm)	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
29	5368.5 2	185.1 2	2460. 57	84.85	3019. 79	104.1 3	335.53	11.5 7

Size class not used for dietary risk quotients

Table X. 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	703.31	5118.48	7.28	2345.97	3.34	2879.14	4.09	319.90	0.45	71.09	0.10
35	569.05	3537.55	6.22	1621.38	2.85	1989.87	3.50	221.10	0.39	49.13	0.09
1000	246.13	820.19	3.33	375.92	1.53	461.36	1.87	51.26	0.21	11.39	0.05

Table X. 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	5368.5 2	#####	2460. 57	#####	3019. 79	#####	335.53	#### #

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients								
NOA EC (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
207	5368.5 2	25.93	2460. 57	11.89	3019. 79	14.59	335.53	1.62

Size class not used for dietary risk quotients

Table X. 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	22.75	5118.48	225.01	2345.97	103.13	2879.14	126.57	319.90	14.06	71.09	3.13
35	18.41	3537.55	192.20	1621.38	88.09	1989.87	108.11	221.10	12.01	49.13	2.67
1000	7.96	820.19	103.03	375.92	47.22	461.36	57.95	51.26	6.44	11.39	1.43

Apples/pears

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	69.88	4610.72	65.98	2113.24	30.24	2593.53	37.11	288.17	4.12
100	88.96	2629.23	29.55	1205.06	13.55	1478.94	16.62	164.33	1.85
1000	125.66	1177.14	9.37	539.52	4.29	662.14	5.27	73.57	0.59

Table X. 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
5156	4048.39	0.79	1855.51	0.36	2277.22	0.44	253.02	0.05

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	4048.3 9	139.6 0	1855. 51	63.98	2277. 22	78.52	253.02	8.72

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Acute Mammalian Dose-Based Risk Quotients											
Size Class (gram s)	Adjust ed LD50	EECs and RQs									
		Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Granivor e	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EE C	R Q
15	703.31	3859. 83	5.49	1769. 09	2.52	2171. 16	3.09	241. 24	0.34	53.6 1	0.0 8
35	569.05	2667. 66	4.69	1222. 68	2.15	1500. 56	2.64	166. 73	0.29	37.0 5	0.0 7
1000	246.13	618.5 1	2.51	283.4 8	1.15	347.9 1	1.41	38.6 6	0.16	8.59	0.0 3

Table X. 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	4048.3 9	#####	1855. 51	#####	2277. 22	#####	253.02	#### #

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients				
NOA EC (ppm)	EECs and RQs			
	Short Grass	Tall Grass	Broadleaf Plants/ Seeds/	Fruits/Pods/ Seeds/

					Small Insects		Large Insects	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
207	4048.39	19.56	1855.51	8.96	2277.22	11.00	253.02	1.22

Size class not used for dietary risk quotients

Table X. 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	22.75	3859.83	169.68	1769.09	77.77	2171.16	95.45	241.24	10.61	53.61	2.36
35	18.41	2667.66	144.94	1222.68	66.43	1500.56	81.53	166.73	9.06	37.05	2.01
1000	7.96	618.51	77.69	283.48	35.61	347.91	43.70	38.66	4.86	8.59	1.08

Cherries

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	69.88	3808.85	54.50	1745.72	24.98	2142.48	30.66	238.05	3.41
100	88.96	2171.97	24.41	995.49	11.19	1221.73	13.73	135.75	1.53
1000	125.66	972.42	7.74	445.69	3.55	546.99	4.35	60.78	0.48

Table X. 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
5156	3344.3 3	0.65	1532. 82	0.30	1881. 18	0.36	209.02	0.04

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	3344.3 3	115.3 2	1532. 82	52.86	1881. 18	64.87	209.02	7.21

Size class not used for dietary risk quotients

Table X. 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	703.31	3188. 56	4.53	1461. 42	2.08	1793. 56	2.55	199. 28	0.28	44.2 9	0.0 6
35	569.05	2203. 72	3.87	1010. 04	1.77	1239. 59	2.18	137. 73	0.24	30.6 1	0.0 5
1000	246.13	510.9 4	2.08	234.1 8	0.95	287.4 0	1.17	31.9 3	0.13	7.10	0.0 3

Table X. 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	3344.3 3	#####	1532. 82	#####	1881. 18	#####	209.02	#### #

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients								
NOA EC (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
207	3344.3 3	16.16	1532. 82	7.40	1881. 18	9.09	209.02	1.01

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dose-Based Risk Quotients											
Size Class (gram s)	Adjust ed NOAE L	EECs and RQs									
		Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Granivor e	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EE C	R Q
15	22.75	3188. 56	140.1 7	1461. 42	64.25	1793. 56	78.85	199. 28	8.76	44.2 9	1.9 5
35	18.41	2203. 72	119.7 3	1010. 04	54.88	1239. 59	67.35	137. 73	7.48	30.6 1	1.6 6
1000	7.96	510.9 4	64.18	234.1 8	29.42	287.4 0	36.10	31.9 3	4.01	7.10	0.8 9

Grapes

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. Upper Bound Kenaga, Acute Avian Dose-Based Risk Quotients									
Size Class (gram s)	Adjust ed 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	69.88	3934. 22	56.30	1803. 19	25.80	2213. 00	31.67	245. 89	3.52
100	88.96	2243. 46	25.22	1028. 25	11.56	1261. 95	14.19	140. 22	1.58
1000	125.66	1004. 43	7.99	460.3 6	3.66	564.9 9	4.50	62.7 8	0.50

Table X. 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
5156	3454.4 1	0.67	1583. 27	0.31	1943. 10	0.38	215.90	0.04

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	3454.4 1	119.1 2	1583. 27	54.60	1943. 10	67.00	215.90	7.44

Size class not used for dietary risk quotients

Table X. 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	703.31	3293. 51	4.68	1509. 53	2.15	1852. 60	2.63	205. 84	0.29	45.7 4	0.0 7
35	569.05	2276. 26	4.00	1043. 28	1.83	1280. 39	2.25	142. 27	0.25	31.6 1	0.0 6
1000	246.13	527.7 6	2.14	241.8 9	0.98	296.8 6	1.21	32.9 8	0.13	7.33	0.0 3

Table X. 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	3454.4 1	#####	1583. 27	#####	1943. 10	#####	215.90	#### #

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients								
NOA EC (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
207	3454.4 1	16.69	1583. 27	7.65	1943. 10	9.39	215.90	1.04

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dose-Based Risk Quotients											
Size Class (gram s)	Adjust ed NOAE L	EECs and RQs									
		Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Granivor e	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EE C	R Q
15	22.75	3293. 51	144.7 9	1509. 53	66.36	1852. 60	81.44	205. 84	9.05	45.7 4	2.0 1
35	18.41	2276. 26	123.6 7	1043. 28	56.68	1280. 39	69.57	142. 27	7.73	31.6 1	1.7 2
1000	7.96	527.7 6	66.29	241.8 9	30.38	296.8 6	37.29	32.9 8	4.14	7.33	0.9 2

Peaches

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. Upper Bound Kenaga, Acute Avian Dose-Based Risk Quotients										
Size Class (gram s)	Adjust ed 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	69.88	#####	154.5 3	4949. 60	70.83	6074. 51	86.93	674. 95	9.66
100	88.96	6158. 12	69.22	2822. 47	31.73	3463. 94	38.94	384. 88	4.33
1000	125.66	2757. 07	21.94	1263. 66	10.06	1550. 85	12.34	172. 32	1.37

Table X. 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
5156	9482.0 6	1.84	4345. 95	0.84	5333. 66	1.03	592.63	0.11

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	9482.0 6	326.9 7	4345. 95	149.8 6	5333. 66	183.9 2	592.63	20.4 4

Size class not used for dietary risk quotients

Table X. 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	703.31	9040. 42	12.85	4143. 53	5.89	5085. 24	7.23	565. 03	0.80	125. 56	0.1 8
35	569.05	6248. 14	10.98	2863. 73	5.03	3514. 58	6.18	390. 51	0.69	86.7 8	0.1 5
1000	246.13	1448. 65	5.89	663.9 7	2.70	814.8 7	3.31	90.5 4	0.37	20.1 2	0.0 8

Table X. 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	9482.06	#####	4345.95	#####	5333.66	#####	592.63	#### #

Size class not used for dietary risk quotients

Table X. 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
207	9482.06	45.81	4345.95	20.99	5333.66	25.77	592.63	2.86

Size class not used for dietary risk quotients

Table X. 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	22.75	9040.42	397.42	4143.53	182.15	5085.24	223.55	565.03	24.84	125.56	5.52
35	18.41	6248.14	339.48	2863.73	155.59	3514.58	190.96	390.51	21.22	86.78	4.71
1000	7.96	1448.65	181.97	663.97	83.40	814.87	102.36	90.54	11.37	20.12	2.53

Pecans

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	69.88	4496.29	64.34	2060.80	29.49	2529.16	36.19	281.02	4.02
100	88.96	2563.97	28.82	1175.15	13.21	1442.24	16.21	160.25	1.80
1000	125.66	1147.93	9.13	526.13	4.19	645.71	5.14	71.75	0.57

Table X. 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
5156	3947.92	0.77	1809.46	0.35	2220.71	0.43	246.75	0.05

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients								
NOA EC (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
29	3947.92	136.14	1809.46	62.40	2220.71	76.58	246.75	8.51

Size class not used for dietary risk quotients

Table X. 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	703.31	3764.04	5.35	1725.19	2.45	2117.27	3.01	235.25	0.33	52.28	0.07
35	569.05	2601.	4.57	1192.	2.10	1463.	2.57	162.	0.29	36.1	0.0

		46		33		32		59		3	6
1000	246.13	603.16	2.45	276.45	1.12	339.28	1.38	37.70	0.15	8.38	0.03

Table X. 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	3947.92	#####	1809.46	#####	2220.71	#####	246.75	#### #

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients								
NOA EC (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
207	3947.92	19.07	1809.46	8.74	2220.71	10.73	246.75	1.19

Size class not used for dietary risk quotients

Table X. 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	22.75	3764.04	165.47	1725.19	75.84	2117.27	93.08	235.25	10.34	52.28	2.30
35	18.41	2601.46	141.34	1192.33	64.78	1463.32	79.51	162.59	8.83	36.13	1.96
1000	7.96	603.16	75.77	276.45	34.73	339.28	42.62	37.70	4.74	8.38	1.05