

Appendix E T-REX Output

Chemical Name:		Pendimethalin	
Use:			
Product name and form:			
% A.I. (leading zero must be entered for formulations <1% a.i.):		100.00%	
Application Rate (lbs/A):		(Input as needed)	
Half-life (days):		30	
Application Interval (days):			
Number of Applications:		1	
Assessed Species Inputs (optional, use defaults for RQs for national level assessments)			
What body weight range is assessed (grams)?	Birds	Mammals	
Small	20	15	
Medium	100	35	
Large	1000	1000	
Note: Sources of wildlife diet are assumed to be available for less than one year for this model.			
Endpoints			
Avian			
	Endpoint	Toxicity value	Indicate test species below
	LD50 (mg/kg-bw)	1421.00	
	LC50 (mg/kg-diet)	4187.00	
	NOAEL (mg/kg-bw)		
	NOAEC (mg/kg-diet)	141.00	
	Enter the Mineau et al. Scaling Factor		1.15
Mammalian			
			Acute Study
	Size (g) of mammal used in toxicity study Default rat body weight is 350 grams		350
	Endpoint	Toxicity value	
	LD50 (mg/kg-bw)	1050.00	
	LC50 (mg/kg-diet)		
	Reported Chronic	25.00	

	Endpoint	
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes	
Enter dietary concentration (mg/kg-diet)	500.00	

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs for application of 6.0 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	1640.02	2.22	751.67	1.02	922.51	1.25	102.50	0.14	22.78	0.03
100	939.28	935.21	1.00	428.64	0.46	526.05	0.56	58.45	0.06	12.99	0.01
1000	1326.77	418.70	0.32	191.91	0.14	235.52	0.18	26.17	0.02	5.82	0.00

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
4187	1440.00	0.34	660.00	0.16	810.00	0.19	90.00	0.02

Size class not used for dietary risk quotients

Table X. 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
141	1440.00	10.21	660.00	4.68	810.00	5.74	90.00	0.64

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	2307.72	1372.93	0.59	629.26	0.27	772.27	0.33	85.81	0.04	19.07	0.01
35	1867.19	948.88	0.51	434.90	0.23	533.74	0.29	59.30	0.03	13.18	0.01
1000	807.62	220.00	0.27	100.83	0.12	123.75	0.15	13.75	0.02	3.06	0.00

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
500	1440.00	2.88	660.00	1.32	810.00	1.62	90.00	0.18

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	54.95	1372.93	24.99	629.26	11.45	772.27	14.06	85.81	1.56	19.07	0.35
35	44.46	948.88	21.34	434.90	9.78	533.74	12.01	59.30	1.33	13.18	0.30
1000	19.23	220.00	11.44	100.83	5.24	123.75	6.44	13.75	0.72	3.06	0.16

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 4.0 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	1093.34	1.48	501.12	0.68	615.01	0.83	68.33	0.09	15.19	0.02
100	939.28	623.47	0.66	285.76	0.30	350.70	0.37	38.97	0.04	8.66	0.01
1000	1326.77	279.14	0.21	127.94	0.10	157.01	0.12	17.45	0.01	3.88	0.00

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
4187	960.00	0.23	440.00	0.11	540.00	0.13	60.00	0.01

Size class not used for dietary risk quotients

Table X. 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
141	960.00	6.81	440.00	3.12	540.00	3.83	60.00	0.43

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	2307.72	915.29	0.40	419.51	0.18	514.85	0.22	57.21	0.02	12.71	0.01
35	1867.19	632.59	0.34	289.93	0.16	355.83	0.19	39.54	0.02	8.79	0.00
1000	807.62	146.67	0.18	67.22	0.08	82.50	0.10	9.17	0.01	2.04	0.00

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
500	960.00	1.92	440.00	0.88	540.00	1.08	60.00	0.12

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	54.95	915.29	16.66	419.51	7.63	514.85	9.37	57.21	1.04	12.71	0.23
35	44.46	632.59	14.23	289.93	6.52	355.83	8.00	39.54	0.89	8.79	0.20
1000	19.23	146.67	7.63	67.22	3.50	82.50	4.29	9.17	0.48	2.04	0.11

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 3.9 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	1066.01	1.44	488.59	0.66	599.63	0.81	66.63	0.09	14.81	0.02
100	939.28	607.88	0.65	278.61	0.30	341.93	0.36	37.99	0.04	8.44	0.01
1000	1326.77	272.16	0.21	124.74	0.09	153.09	0.12	17.01	0.01	3.78	0.00

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
4187	936.00	0.22	429.00	0.10	526.50	0.13	58.50	0.01

Size class not used for dietary risk quotients

Table X. 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
141	936.00	6.64	429.00	3.04	526.50	3.73	58.50	0.41

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	2307.72	892.40	0.39	409.02	0.18	501.98	0.22	55.78	0.02	12.39	0.01
35	1867.19	616.77	0.33	282.69	0.15	346.93	0.19	38.55	0.02	8.57	0.00
1000	807.62	143.00	0.18	65.54	0.08	80.44	0.10	8.94	0.01	1.99	0.00

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
500	936.00	1.87	429.00	0.86	526.50	1.05	58.50	0.12

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	54.95	892.40	16.24	409.02	7.44	501.98	9.14	55.78	1.02	12.39	0.23
35	44.46	616.77	13.87	282.69	6.36	346.93	7.80	38.55	0.87	8.57	0.19
1000	19.23	143.00	7.44	65.54	3.41	80.44	4.18	8.94	0.46	1.99	0.10

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 3.5 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	956.68	1.30	438.48	0.59	538.13	0.73	59.79	0.08	13.29	0.02
100	939.28	545.54	0.58	250.04	0.27	306.86	0.33	34.10	0.04	7.58	0.01
1000	1326.77	244.24	0.18	111.95	0.08	137.39	0.10	15.27	0.01	3.39	0.00

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
4187	840.00	0.20	385.00	0.09	472.50	0.11	52.50	0.01

Size class not used for dietary risk quotients

Table X. 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
141	840.00	5.96	385.00	2.73	472.50	3.35	52.50	0.37

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	2307.72	800.88	0.35	367.07	0.16	450.49	0.20	50.05	0.02	11.12	0.00
35	1867.19	553.51	0.30	253.69	0.14	311.35	0.17	34.59	0.02	7.69	0.00
1000	807.62	128.33	0.16	58.82	0.07	72.19	0.09	8.02	0.01	1.78	0.00

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
500	840.00	1.68	385.00	0.77	472.50	0.95	52.50	0.11

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	54.95	800.88	14.58	367.07	6.68	450.49	8.20	50.05	0.91	11.12	0.20
35	44.46	553.51	12.45	253.69	5.71	311.35	7.00	34.59	0.78	7.69	0.17
1000	19.23	128.33	6.67	58.82	3.06	72.19	3.75	8.02	0.42	1.78	0.09

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 3.0 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	820.01	1.11	375.84	0.51	461.25	0.63	51.25	0.07	11.39	0.02
100	939.28	467.60	0.50	214.32	0.23	263.03	0.28	29.23	0.03	6.49	0.01
1000	1326.77	209.35	0.16	95.95	0.07	117.76	0.09	13.08	0.01	2.91	0.00

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
4187	720.00	0.17	330.00	0.08	405.00	0.10	45.00	0.01

Size class not used for dietary risk quotients

Table X. 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
141	720.00	5.11	330.00	2.34	405.00	2.87	45.00	0.32

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	2307.72	686.46	0.30	314.63	0.14	386.14	0.17	42.90	0.02	9.53	0.00
35	1867.19	474.44	0.25	217.45	0.12	266.87	0.14	29.65	0.02	6.59	0.00
1000	807.62	110.00	0.14	50.42	0.06	61.88	0.08	6.88	0.01	1.53	0.00

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
500	720.00	1.44	330.00	0.66	405.00	0.81	45.00	0.09

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	54.95	686.46	12.49	314.63	5.73	386.14	7.03	42.90	0.78	9.53	0.17
35	44.46	474.44	10.67	217.45	4.89	266.87	6.00	29.65	0.67	6.59	0.15
1000	19.23	110.00	5.72	50.42	2.62	61.88	3.22	6.88	0.36	1.53	0.08

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 2.0 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	546.67	0.74	250.56	0.34	307.50	0.42	34.17	0.05	7.59	0.01
100	939.28	311.74	0.33	142.88	0.15	175.35	0.19	19.48	0.02	4.33	0.00
1000	1326.77	139.57	0.11	63.97	0.05	78.51	0.06	8.72	0.01	1.94	0.00

Table X. Upper Bound Kenaga, Subacute Avian Dietary Based Risk Quotients

	EECs and RQs							
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
LC50	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
4187	480.00	0.11	220.00	0.05	270.00	0.06	30.00	0.01

Size class not used for dietary risk quotients

Table X. 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
141	480.00	3.40	220.00	1.56	270.00	1.91	30.00	0.21

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Acute Mammalian Dose-Based Risk Quotients

Size	Adjusted	EECs and ROs
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Class (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	2307.72	457.64	0.20	209.75	0.09	257.42	0.11	28.60	0.01	6.36	0.00
35	1867.19	316.29	0.17	144.97	0.08	177.91	0.10	19.77	0.01	4.39	0.00
1000	807.62	73.33	0.09	33.61	0.04	41.25	0.05	4.58	0.01	1.02	0.00

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	
500	480.00	0.96	220.00	0.44	270.00	0.54	30.00	0.06	

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	54.95	457.64	8.33	209.75	3.82	257.42	4.69	28.60	0.52	6.36	0.12
35	44.46	316.29	7.11	144.97	3.26	177.91	4.00	19.77	0.44	4.39	0.10
1000	19.23	73.33	3.81	33.61	1.75	41.25	2.15	4.58	0.24	1.02	0.05

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 1.9 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	519.34	0.70	238.03	0.32	292.13	0.40	32.46	0.04	7.21	0.01
100	939.28	296.15	0.32	135.73	0.14	166.58	0.18	18.51	0.02	4.11	0.00
1000	1326.77	132.59	0.10	60.77	0.05	74.58	0.06	8.29	0.01	1.84	0.00

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
4187	456.00	0.11	209.00	0.05	256.50	0.06	28.50	0.01

Size class not used for dietary risk quotients

Table X. 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
141	456.00	3.23	209.00	1.48	256.50	1.82	28.50	0.20

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	2307.72	434.76	0.19	199.27	0.09	244.55	0.11	27.17	0.01	6.04	0.00
35	1867.19	300.48	0.16	137.72	0.07	169.02	0.09	18.78	0.01	4.17	0.00
1000	807.62	69.67	0.09	31.93	0.04	39.19	0.05	4.35	0.01	0.97	0.00

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
500	456.00	0.91	209.00	0.42	256.50	0.51	28.50	0.06

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	54.95	434.76	7.91	199.27	3.63	244.55	4.45	27.17	0.49	6.04	0.11
35	44.46	300.48	6.76	137.72	3.10	169.02	3.80	18.78	0.42	4.17	0.09
1000	19.23	69.67	3.62	31.93	1.66	39.19	2.04	4.35	0.23	0.97	0.05

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 1.73 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	472.87	0.64	216.73	0.29	265.99	0.36	29.55	0.04	6.57	0.01
100	939.28	269.65	0.29	123.59	0.13	151.68	0.16	16.85	0.02	3.75	0.00
1000	1326.77	120.73	0.09	55.33	0.04	67.91	0.05	7.55	0.01	1.68	0.00

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
4187	415.20	0.10	190.30	0.05	233.55	0.06	25.95	0.01

Size class not used for dietary risk quotients

Table X. 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
141	415.20	2.94	190.30	1.35	233.55	1.66	25.95	0.18

Size class not used for dietary risk quotients

Table X. Upper Bound Kenaga, Acute Mammalian Dose-Based Risk Quotients

Size	Adjusted	EECs and RQs
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Class (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	2307.72	395.86	0.17	181.44	0.08	222.67	0.10	24.74	0.01	5.50	0.00
35	1867.19	273.59	0.15	125.40	0.07	153.90	0.08	17.10	0.01	3.80	0.00
1000	807.62	63.43	0.08	29.07	0.04	35.68	0.04	3.96	0.00	0.88	0.00

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
500	415.20	0.83	190.30	0.38	233.55	0.47	25.95	0.05

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	54.95	395.86	7.20	181.44	3.30	222.67	4.05	24.74	0.45	5.50	0.10
35	44.46	273.59	6.15	125.40	2.82	153.90	3.46	17.10	0.38	3.80	0.09
1000	19.23	63.43	3.30	29.07	1.51	35.68	1.86	3.96	0.21	0.88	0.05

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 1.485 lb ai/A with 2 applications with 30 day minimal interval between applications

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	608.86	0.83	279.06	0.38	342.48	0.46	38.05	0.05	8.46	0.01
100	939.28	347.20	0.37	159.13	0.17	195.30	0.21	21.70	0.02	4.82	0.01
1000	1326.77	155.44	0.12	71.25	0.05	87.44	0.07	9.72	0.01	2.16	0.00

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
4187	534.60	0.13	245.03	0.06	300.71	0.07	33.41	0.01

Size class not used for dietary risk quotients

Table X. 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
141	534.60	3.79	245.03	1.74	300.71	2.13	33.41	0.24

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	2307.72	509.70	0.22	233.61	0.10	286.71	0.12	31.86	0.01	7.08	0.00
35	1867.19	352.27	0.19	161.46	0.09	198.15	0.11	22.02	0.01	4.89	0.00
1000	807.62	81.68	0.10	37.43	0.05	45.94	0.06	5.10	0.01	1.13	0.00

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	
500	534.60	1.07	245.03	0.49	300.71	0.60	33.41	0.07	

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	54.95	509.70	9.28	233.61	4.25	286.71	5.22	31.86	0.58	7.08	0.13
35	44.46	352.27	7.92	161.46	3.63	198.15	4.46	22.02	0.50	4.89	0.11
1000	19.23	81.68	4.25	37.43	1.95	45.94	2.39	5.10	0.27	1.13	0.06

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application of 1.485 lb ai/A with one application

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	405.90	0.55	186.04	0.25	228.32	0.31	25.37	0.03	5.64	0.01
100	939.28	231.46	0.25	106.09	0.11	130.20	0.14	14.47	0.02	3.21	0.00
1000	1326.77	103.63	0.08	47.50	0.04	58.29	0.04	6.48	0.00	1.44	0.00

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
4187	356.40	0.09	163.35	0.04	200.48	0.05	22.28	0.01

Size class not used for dietary risk quotients

Table X. 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
141	356.40	2.53	163.35	1.16	200.48	1.42	22.28	0.16

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	2307.72	339.80	0.15	155.74	0.07	191.14	0.08	21.24	0.01	4.72	0.00
35	1867.19	234.85	0.13	107.64	0.06	132.10	0.07	14.68	0.01	3.26	0.00
1000	807.62	54.45	0.07	24.96	0.03	30.63	0.04	3.40	0.00	0.76	0.00

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	
500	356.40	0.71	163.35	0.33	200.48	0.40	22.28	0.04	

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	54.95	339.80	6.18	155.74	2.83	191.14	3.48	21.24	0.39	4.72	0.09
35	44.46	234.85	5.28	107.64	2.42	132.10	2.97	14.68	0.33	3.26	0.07
1000	19.23	54.45	2.83	24.96	1.30	30.63	1.59	3.40	0.18	0.76	0.04

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application rate of 1.425 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	389.50	0.53	178.52	0.24	219.10	0.30	24.34	0.03	5.41	0.01
100	939.28	222.11	0.24	101.80	0.11	124.94	0.13	13.88	0.01	3.08	0.00
1000	1326.77	99.44	0.07	45.58	0.03	55.94	0.04	6.22	0.00	1.38	0.00

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
4187	342.00	0.08	156.75	0.04	192.38	0.05	21.38	0.01

Size class not used for dietary risk quotients

Table X. 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
141	342.00	2.43	156.75	1.11	192.38	1.36	21.38	0.15

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	2307.72	326.07	0.14	149.45	0.06	183.41	0.08	20.38	0.01	4.53	0.00
35	1867.19	225.36	0.12	103.29	0.06	126.76	0.07	14.08	0.01	3.13	0.00
1000	807.62	52.25	0.06	23.95	0.03	29.39	0.04	3.27	0.00	0.73	0.00

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	
500	342.00	0.68	156.75	0.31	192.38	0.38	21.38	0.04	

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	54.95	326.07	5.93	149.45	2.72	183.41	3.34	20.38	0.37	4.53	0.08
35	44.46	225.36	5.07	103.29	2.32	126.76	2.85	14.08	0.32	3.13	0.07
1000	19.23	52.25	2.72	23.95	1.25	29.39	1.53	3.27	0.17	0.73	0.04

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application rate of 1.24 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	338.94	0.46	155.35	0.21	190.65	0.26	21.18	0.03	4.71	0.01
100	939.28	193.28	0.21	88.58	0.09	108.72	0.12	12.08	0.01	2.68	0.00
1000	1326.77	86.53	0.07	39.66	0.03	48.67	0.04	5.41	0.00	1.20	0.00

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
4187	297.60	0.07	136.40	0.03	167.40	0.04	18.60	0.00

Size class not used for dietary risk quotients

Table X. 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
141	297.60	2.11	136.40	0.97	167.40	1.19	18.60	0.13

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	2307.72	283.74	0.12	130.05	0.06	159.60	0.07	17.73	0.01	3.94	0.00
35	1867.19	196.10	0.11	89.88	0.05	110.31	0.06	12.26	0.01	2.72	0.00
1000	807.62	45.47	0.06	20.84	0.03	25.58	0.03	2.84	0.00	0.63	0.00

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
500	297.60	0.60	136.40	0.27	167.40	0.33	18.60	0.04

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	54.95	283.74	5.16	130.05	2.37	159.60	2.90	17.73	0.32	3.94	0.07
35	44.46	196.10	4.41	89.88	2.02	110.31	2.48	12.26	0.28	2.72	0.06
1000	19.23	45.47	2.36	20.84	1.08	25.58	1.33	2.84	0.15	0.63	0.03

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs at application rate of 1.0 lb ai/A

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	737.82	273.34	0.37	125.28	0.17	153.75	0.21	17.08	0.02	3.80	0.01
100	939.28	155.87	0.17	71.44	0.08	87.68	0.09	9.74	0.01	2.16	0.00
1000	1326.77	69.78	0.05	31.98	0.02	39.25	0.03	4.36	0.00	0.97	0.00

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
4187	240.00	0.06	110.00	0.03	135.00	0.03	15.00	0.00

Size class not used for dietary risk quotients

Table X. 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
141	240.00	1.70	110.00	0.78	135.00	0.96	15.00	0.11

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	2307.72	228.82	0.10	104.88	0.05	128.71	0.06	14.30	0.01	3.18	0.00
35	1867.19	158.15	0.08	72.48	0.04	88.96	0.05	9.88	0.01	2.20	0.00
1000	807.62	36.67	0.05	16.81	0.02	20.63	0.03	2.29	0.00	0.51	0.00

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
500	240.00	0.48	110.00	0.22	135.00	0.27	15.00	0.03

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	54.95	228.82	4.16	104.88	1.91	128.71	2.34	14.30	0.26	3.18	0.06
35	44.46	158.15	3.56	72.48	1.63	88.96	2.00	9.88	0.22	2.20	0.05
1000	19.23	36.67	1.91	16.81	0.87	20.63	1.07	2.29	0.12	0.51	0.03