

APPENDIX I. T-REX and T-HERPS Output for DCPA

1.0 TREX

Avian	
Endpoint	Toxicity value
LD50 (mg/kg-bw)	>2250.00
LC50 (mg/kg-diet)	>5620.00
NOAEL (mg/kg-bw)	
NOAEC (mg/kg-diet)	1280.00
Enter the Mineau et al. Scaling Factor	1.15

Size (g) of mammal used in toxicity study Default rat body weight is 350 grams	
Endpoint	Toxicity value
LD50 (mg/kg-bw)	>5000.00
LC50 (mg/kg-diet)	
Reported Chronic Endpoint	50.00*
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes
Enter dietary concentration (mg/kg-diet)	1000.00

Chemical Name:	DCPA
Use:	
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	15
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	6

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	17886.47	11.03	8197.97	5.06	10061.14	6.21	1117.90	0.69	248.42	0.15
100	2063.57	10199.62	4.94	4674.83	2.27	5737.29	2.78	637.48	0.31	141.66	0.07
1000	2914.87	4566.51	1.57	2092.98	0.72	2568.66	0.88	285.41	0.10	63.42	0.02
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			
5620	15705.04	2.79	7198.14	1.28	8834.09	1.57	981.57	0.17			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	15705.04	12.27	7198.14	5.62	8834.09	6.90	981.57	0.77				
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		Grani vore		
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
15	10989.15	14973.56	1.36	6862.88	0.62	8422.63	0.77	935.85	0.09	207.97	0.02	
35	8891.40	10348.73	1.16	4743.17	0.53	5821.16	0.65	646.80	0.07	143.73	0.02	
1000	3845.80	2399.39	0.62	1099.72	0.29	1349.66	0.35	149.96	0.04	33.32	0.01	
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	15705.04	#DIV/0!	7198.14	#DIV/0!	8834.09	#DIV/0!	981.57	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C (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			
1000	15705.04	15.71	7198.14	7.20	8834.09	8.83	981.57	0.98			
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	109.89	14973.56	136.26	6862.88	62.45	8422.63	76.64	935.85	8.52	207.97	1.89
35	88.91	10348.73	116.39	4743.17	53.35	5821.16	65.47	646.80	7.27	143.73	1.62
1000	38.46	2399.39	62.39	1099.72	28.60	1349.66	35.09	149.96	3.90	33.32	0.87

Chemical Name:	DCPA
Use:	
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	12
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	6

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	14309.18	8.83	6558.37	4.05	8048.91	4.97	894.32	0.55	198.74	0.12
100	2063.57	8159.70	3.95	3739.86	1.81	4589.83	2.22	509.98	0.25	113.33	0.05
1000	2914.87	3653.21	1.25	1674.39	0.57	2054.93	0.70	228.33	0.08	50.74	0.02
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			
5620	12564.03	2.24	5758.52	1.02	7067.27	1.26	785.25	0.14			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients											
NOAE C (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			
1280	12564.0 3	9.82	5758.52	4.50	7067.2 7	5.52	785.2 5	0.61			
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		Grani vore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
15	10989.1 5	11978. 84	1.09	5490.3 0	0.50	6738.1 0	0.61	748.68	0.07	166.3 7	0.02
35	8891.40	8278.9 8	0.93	3794.5 3	0.43	4656.9 3	0.52	517.44	0.06	114.9 9	0.01
1000	3845.80	1919.5 1	0.50	879.78	0.23	1079.7 3	0.28	119.97	0.03	26.66	0.01
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	12564.0 3	#DIV/0 !	5758.52	#DIV/0 !	7067.2 7	#DIV/ 0!	785.2 5	#DIV/ 0!			
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			
1000	12564.03	12.56	5758.52	5.76	7067.27	7.07	785.25	0.79			
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	109.89	11978.84	109.01	5490.30	49.96	6738.10	61.32	748.68	6.81	166.37	1.51
35	88.91	8278.98	93.11	3794.53	42.68	4656.93	52.38	517.44	5.82	114.99	1.29
1000	38.46	1919.51	49.91	879.78	22.88	1079.73	28.08	119.97	3.12	26.66	0.69

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):		
Number of Applications:	1	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	2870.03	1.77	1315.43	0.81	1614.39	1.00	179.38	0.11	39.86	0.02
100	2063.57	1636.61	0.79	750.11	0.36	920.59	0.45	102.29	0.05	22.73	0.01
1000	2914.87	732.73	0.25	335.84	0.12	412.16	0.14	45.80	0.02	10.18	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			
5620	2520.00	0.45	1155.00	0.21	1417.50	0.25	157.50	0.03			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	2520.00	1.97	1155.00	0.90	1417.5 0	1.11	157.5 0	0.12				
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		Grani vore		
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
15	10989.15	2402.63	0.22	1101.20	0.10	1351.48	0.12	150.16	0.01	33.37	0.00	
35	8891.40	1660.54	0.19	761.08	0.09	934.05	0.11	103.78	0.01	23.06	0.00	
1000	3845.80	385.00	0.10	176.46	0.05	216.56	0.06	24.06	0.01	5.35	0.00	
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	2520.00	#DIV/0!	1155.00	#DIV/0!	1417.5 0	#DIV/0!	157.5 0	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C (ppm)	EECs and RQs											
	Short		Tall		Broadleaf		Fruits/Pods/					

	Grass		Grass		Plants/ Small Insects		Seeds/ Large Insects				
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ			
1000	2520.00	2.52	1155.00	1.16	1417.50	1.42	157.50	0.16			
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	109.89	2402.63	21.86	1101.20	10.02	1351.48	12.30	150.16	1.37	33.37	0.30
35	88.91	1660.54	18.68	761.08	8.56	934.05	10.51	103.78	1.17	23.06	0.26
1000	38.46	385.00	10.01	176.46	4.59	216.56	5.63	24.06	0.63	5.35	0.14

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):	183	
Number of Applications:	2	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	2946.57	1.82	1350.51	0.83	1657.45	1.02	184.16	0.11	40.92	0.03
100	2063.57	1680.26	0.81	770.12	0.37	945.15	0.46	105.02	0.05	23.34	0.01
1000	2914.87	752.28	0.26	344.79	0.12	423.15	0.15	47.02	0.02	10.45	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			
5620	2587.21	0.46	1185.81	0.21	1455.31	0.26	161.70	0.03			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	2587.21	2.02	1185.81	0.93	1455.31	1.14	161.70	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		Grani vore		
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
15	10989.15	2466.71	0.22	1130.57	0.10	1387.52	0.13	154.17	0.01	34.26	0.00	
35	8891.40	1704.83	0.19	781.38	0.09	958.96	0.11	106.55	0.01	23.68	0.00	
1000	3845.80	395.27	0.10	181.17	0.05	222.34	0.06	24.70	0.01	5.49	0.00	
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	2587.21	#DIV/0!	1185.81	#DIV/0!	1455.31	#DIV/0!	161.70	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C (ppm)	EECs and RQs											
	Short		Tall		Broadleaf		Fruits/Pods/					

	Grass		Grass		Plants/ Small Insects		Seeds/ Large Insects				
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ			
1000	2587.21	2.59	1185.81	1.19	1455.31	1.46	161.70	0.16			
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	109.89	2466.71	22.45	1130.57	10.29	1387.52	12.63	154.17	1.40	34.26	0.31
35	88.91	1704.83	19.17	781.38	8.79	958.96	10.79	106.55	1.20	23.68	0.27
1000	38.46	395.27	10.28	181.17	4.71	222.34	5.78	24.70	0.64	5.49	0.14

Chemical Name:	DCPA
Use:	
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	10.5
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	3

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	7543.61	4.65	3457.49	2.13	4243.28	2.62	471.48	0.29	104.77	0.06
100	2063.57	4301.68	2.08	1971.61	0.96	2419.70	1.17	268.86	0.13	59.75	0.03
1000	2914.87	1925.92	0.66	882.71	0.30	1083.33	0.37	120.37	0.04	26.75	0.01
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			
5620	6623.59	1.18	3035.81	0.54	3725.77	0.66	413.97	0.07			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	6623.59	5.17	3035.81	2.37	3725.7 7	2.91	413.9 7	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		Grani vore		
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
15	10989.1 5	6315.0 9	0.57	2894.4 1	0.26	3552.2 4	0.32	394.69	0.04	87.71	0.01	
35	8891.40	4364.5 7	0.49	2000.4 3	0.22	2455.0 7	0.28	272.79	0.03	60.62	0.01	
1000	3845.80	1011.9 4	0.26	463.81	0.12	569.22	0.15	63.25	0.02	14.05	0.00	
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	6623.59	#DIV/0 !	3035.81	#DIV/0 !	3725.7 7	#DIV/ 0!	413.9 7	#DIV/ 0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C (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			
1000	6623.59	6.62	3035.81	3.04	3725.77	3.73	413.97	0.41			
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	109.89	6315.09	57.47	2894.41	26.34	3552.24	32.32	394.69	3.59	87.71	0.80
35	88.91	4364.57	49.09	2000.43	22.50	2455.07	27.61	272.79	3.07	60.62	0.68
1000	38.46	1011.94	26.31	463.81	12.06	569.22	14.80	63.25	1.64	14.05	0.37

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):	60	
Number of Applications:	2	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	3744.68	2.31	1716.31	1.06	2106.38	1.30	234.04	0.14	52.01	0.03
100	2063.57	2135.37	1.03	978.71	0.47	1201.15	0.58	133.46	0.06	29.66	0.01
1000	2914.87	956.04	0.33	438.18	0.15	537.77	0.18	59.75	0.02	13.28	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			
5620	3287.98	0.59	1506.99	0.27	1849.49	0.33	205.50	0.04			

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			
1280	3287.98	2.57	1506.99	1.18	1849.49	1.44	205.50	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	10989.15	3134.84	0.29	1436.80	0.13	1763.35	0.16	195.93	0.02	43.54	0.00
35	8891.40	2166.59	0.24	993.02	0.11	1218.71	0.14	135.41	0.02	30.09	0.00
1000	3845.80	502.33	0.13	230.24	0.06	282.56	0.07	31.40	0.01	6.98	0.00
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	3287.98	#DIV/0!	1506.99	#DIV/0!	1849.49	#DIV/0!	205.50	#DIV/0!			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients											
NOAE C (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			
1000	3287.98	3.29	1506.99	1.51	1849.49	1.85	205.50	0.21			
Size class not used for dietary risk quotients											
Table X. Upper Bound Kenaga, Chronic Mammalian Dose-Based Risk Quotients											
Size Class (grams)	Adjusted NOAE L	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	109.89	3134.84	28.53	1436.80	13.07	1763.35	16.05	195.93	1.78	43.54	0.40
35	88.91	2166.59	24.37	993.02	11.17	1218.71	13.71	135.41	1.52	30.09	0.34
1000	38.46	502.33	13.06	230.24	5.99	282.56	7.35	31.40	0.82	6.98	0.18

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):	30	
Number of Applications:	2	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	4454.41	2.75	2041.61	1.26	2505.61	1.55	278.40	0.17	61.87	0.04
100	2063.57	2540.09	1.23	1164.21	0.56	1428.80	0.69	158.76	0.08	35.28	0.02
1000	2914.87	1137.23	0.39	521.23	0.18	639.69	0.22	71.08	0.02	15.79	0.01
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			
5620	3911.15	0.70	1792.61	0.32	2200.02	0.39	244.45	0.04			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	3911.15	3.06	1792.61	1.40	2200.02	1.72	244.45	0.19				
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	10989.15	3728.98	0.34	1709.12	0.16	2097.55	0.19	233.06	0.02	51.79	0.00	
35	8891.40	2577.23	0.29	1181.23	0.13	1449.69	0.16	161.08	0.02	35.79	0.00	
1000	3845.80	597.54	0.16	273.87	0.07	336.12	0.09	37.35	0.01	8.30	0.00	
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	3911.15	#DIV/0!	1792.61	#DIV/0!	2200.02	#DIV/0!	244.45	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C	EECs and RQs											

(ppm)											
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects				
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ			
1000	3911.15	3.91	1792.61	1.79	2200.02	2.20	244.45	0.24			
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	109.89	3728.98	33.93	1709.12	15.55	2097.55	19.09	233.06	2.12	51.79	0.47
35	88.91	2577.23	28.99	1181.23	13.29	1449.69	16.30	161.08	1.81	35.79	0.40
1000	38.46	597.54	15.54	273.87	7.12	336.12	8.74	37.35	0.97	8.30	0.22

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):	30	
Number of Applications:	11	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	6397.65	3.95	2932.26	1.81	3598.68	2.22	399.85	0.25	88.86	0.05
100	2063.57	3648.21	1.77	1672.10	0.81	2052.12	0.99	228.01	0.11	50.67	0.02
1000	2914.87	1633.35	0.56	748.62	0.26	918.76	0.32	102.08	0.04	22.69	0.01
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			
5620	5617.40	1.00	2574.64	0.46	3159.79	0.56	351.09	0.06			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	5617.40	4.39	2574.64	2.01	3159.79	2.47	351.09	0.27				
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	10989.15	5355.76	0.49	2454.72	0.22	3012.61	0.27	334.73	0.03	74.39	0.01	
35	8891.40	3701.55	0.42	1696.54	0.19	2082.12	0.23	231.35	0.03	51.41	0.01	
1000	3845.80	858.22	0.22	393.35	0.10	482.75	0.13	53.64	0.01	11.92	0.00	
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	5617.40	#DIV/0!	2574.64	#DIV/0!	3159.79	#DIV/0!	351.09	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C	EECs and RQs											

(ppm)											
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects				
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ			
1000	5617.40	5.62	2574.64	2.57	3159.79	3.16	351.09	0.35			
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	109.89	5355.76	48.74	2454.72	22.34	3012.61	27.41	334.73	3.05	74.39	0.68
35	88.91	3701.55	41.63	1696.54	19.08	2082.12	23.42	231.35	2.60	51.41	0.58
1000	38.46	858.22	22.32	393.35	10.23	482.75	12.55	53.64	1.39	11.92	0.31

Chemical Name:	DCPA	
Use:		
Product name and form:	Spray	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%	
Application Rate (lbs/A):	10.5	
Half-life (days):	35	
Application Interval (days):	30	
Number of Applications:	7	

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		Granivore	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
20	1620.97	6306.84	3.89	2890.64	1.78	3547.60	2.19	394.18	0.24	87.60	0.05
100	2063.57	3596.43	1.74	1648.36	0.80	2022.99	0.98	224.78	0.11	49.95	0.02
1000	2914.87	1610.17	0.55	737.99	0.25	905.72	0.31	100.64	0.03	22.36	0.01
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			
5620	5537.66	0.99	2538.10	0.45	3114.94	0.55	346.10	0.06			
Size class not used for dietary risk quotients											

Table X. Upper Bound Kenaga, Chronic Avian Dietary Based Risk Quotients												
NOAE C (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				
1280	5537.66	4.33	2538.10	1.98	3114.94	2.43	346.10	0.27				
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	10989.15	5279.74	0.48	2419.88	0.22	2969.85	0.27	329.98	0.03	73.33	0.01	
35	8891.40	3649.00	0.41	1672.46	0.19	2052.57	0.23	228.06	0.03	50.68	0.01	
1000	3845.80	846.03	0.22	387.77	0.10	475.89	0.12	52.88	0.01	11.75	0.00	
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	5537.66	#DIV/0!	2538.10	#DIV/0!	3114.94	#DIV/0!	346.10	#DIV/0!				
Size class not used for dietary risk quotients												
Table X. Upper Bound Kenaga, Chronic Mammalian Dietary Based Risk Quotients												
NOAE C	EECs and RQs											

(ppm)											
	Short Grass		Tall Grass		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects				
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ			
1000	5537.66	5.54	2538.10	2.54	3114.94	3.11	346.10	0.35			
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	109.89	5279.74	48.04	2419.88	22.02	2969.85	27.03	329.98	3.00	73.33	0.67
35	88.91	3649.00	41.04	1672.46	18.81	2052.57	23.08	228.06	2.56	50.68	0.57
1000	38.46	846.03	22.00	387.77	10.08	475.89	12.37	52.88	1.37	11.75	0.31

2.0 T-HERPS

LD50 (mg/kg-bw)	2250.00	
LC50 (mg/kg-diet)	5620.00	
NOAEL (mg/kg-bw)		
NOAEC (mg/kg-diet)	1280.00	
Enter the Mineau et al. Scaling Factor		1

Chemical Name:	DCPA
Use:	Turf
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	15.2
Half-life (days):	35
Application Interval (days):	
Number of Applications:	1

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

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Table X. 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	2250.00	79.72	0.04	8.86	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2250.00	78.35	0.03	8.71	0.00	2273.89	1.01	142.12	0.06	2.72	0.00
238	2250.00	51.35	0.02	5.71	0.00	353.50	0.16	22.09	0.01	1.78	0.00

Table X. 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
5620	2052.00	0.37	228.00	0.04	2403.82	0.43	150.24	0.03	71.23	0.01
Size class not used for dietary risk quotients										

Table X. Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients

NOAEC	EECs
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(ppm)	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	
1280	2052.00	1.60	228.00	0.18	2403.82	1.88	150.24	0.12	71.23	0.06	
Size class not used for dietary risk quotients											

Chemical Name:	DCPA
Use:	Turf
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	15.2
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	6

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	2250.00	347.80	0.15	38.64	0.02	N/A	N/A	N/A	N/A	N/A	N/A
37	2250.00	341.81	0.15	37.98	0.02	9919.86	4.41	619.99	0.28	11.86	0.01
238	2250.00	224.02	0.10	24.89	0.01	1542.16	0.69	96.39	0.04	7.78	0.00
Table X. 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	
5620	8951.87	1.59	994.65	0.18	10486.71	1.87	655.42	0.12	310.73	0.06	
Size class not used for dietary risk quotients											
Table X. Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients											
NOAEC	EECs										

(ppm)	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	
1280	8951.87	6.99	994.65	0.78	10486.71	8.19	655.42	0.51	310.73	0.24	
Size class not used for dietary risk quotients											

Chemical Name:	DCPA
Use:	Nursery and Ornamentals
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	12
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	6

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	2250.00	274.58	0.12	30.51	0.01	N/A	N/A	N/A	N/A	N/A	N/A
37	2250.00	269.85	0.12	29.98	0.01	7831.47	3.48	489.47	0.22	9.37	0.00
238	2250.00	176.86	0.08	19.65	0.01	1217.50	0.54	76.09	0.03	6.14	0.00
Table X. 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	
5620	7067.27	1.26	785.25	0.14	8278.98	1.47	517.44	0.09	245.31	0.04	
Size class not used for dietary risk quotients											
Table X. Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients											
NOAEC	EECs										

(ppm)	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	
1280	7067.27	5.52	785.25	0.61	8278.98	6.47	517.44	0.40	245.31	0.19	
Size class not used for dietary risk quotients											

Chemical Name:	DCPA
Use:	Broccoli, Cabbage, Chinese Cabbage, Canola/rape, Cauliflower, Collards, Horseradish, Kale, MustardChayote, Cucumber, Gherkin, Gourd, Chinese Gourd, Bitter Melon, Cantaloupe, Honeydew, Watermelon, Musk Melon, Mormordica spp., Pepino, Pear Melon, SquashOnion, Green Onion, Scallions, Radish, Shallot, Taro, Ginseng, arrowroot, manioc, tumericEggplant, Groundcherry, strawberry tomato, Tomatillo, Tomato
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	10.5
Half-life (days):	35
Application Interval (days):	
Number of Applications:	1

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs											
Table X. 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	2250.00	55.07	0.02	6.12	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2250.00	54.12	0.02	6.01	0.00	1570.78	0.70	98.17	0.04	1.88	0.00
238	2250.00	35.47	0.02	3.94	0.00	244.20	0.11	15.26	0.01	1.23	0.00
Table X. 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	
5620	1417.50	0.25	157.50	0.03	1660.54	0.30	103.78	0.02	49.20	0.01	
Size class not used for dietary risk quotients											
Table X. 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	
1280	1417.50	1.11	157.50	0.12	1660.54	1.30	103.78	0.08	49.20	0.04	
Size class not used for dietary risk quotients											

	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	
1280	1455.31	1.14	161.70	0.13	1704.83	1.33	106.55	0.08	50.52	0.04	
Size class not used for dietary risk quotients											

Chemical Name:	DCPA
Use:	rish Potato, Sweet Potato, Turnip, Yam, Taro, Ginseng, Arrowroot, Manioc, Tumeric Onion, Green Onion, Scallions, Radish, Shallot, Taro, Ginseng, arrowroot, manioc, tumeric
Product name and form:	Spray
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	10.5
Half-life (days):	35
Application Interval (days):	7
Number of Applications:	3

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Table X. 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	2250.00	144.75	0.06	16.08	0.01	N/A	N/A	N/A	N/A	N/A	N/A
37	2250.00	142.26	0.06	15.81	0.01	4128.65	1.83	258.04	0.11	4.94	0.00
238	2250.00	93.24	0.04	10.36	0.00	641.85	0.29	40.12	0.02	3.24	0.00

Table X. 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
5620	3725.77	0.66	413.97	0.07	4364.57	0.78	272.79	0.05	129.33	0.02

Size class not used for dietary risk quotients

Table X. 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
1280	3725.77	2.91	413.97	0.32	4364.57	3.41	272.79	0.21	129.33	0.10

Size class not used for dietary risk quotients