

Appendix E – Example Output from T-REX and T-HERPs

Upper Bound Kenaga Residues For RQ Calculation

Chemical Name:	chlorothalonil
Use	grass grown for seed
Formulation	0
Application Rate	1.5 lbs a.i./acre
Half-life	35 days
Application Interval	14 days
Maximum # Apps./Year	3
Length of Simulation	1 year
Variable application rates?	no

Acute and Chronic RQs are based on the Upper Bound Kenaga Residues.

The maximum single day residue estimation is based on both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables because the RQ is less than 0.01 in your assessment. This is due to rounding figure issues in Excel.

Questions?
Comments?
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Endpoints

Avian	Mallard duck	LD50 (mg/kg-bw)	0.00
	Bobwhite quail	LC50 (mg/kg-diet)	0.00
	Mallard duck	NOAEL(mg/kg-bw)	0.00
	Bobwhite quail	NOAEC (mg/kg-diet)	153.00
Mammals		LD50 (mg/kg-bw)	0.00
		LC50 (mg/kg-diet)	0.00
		NOAEL (mg/kg-bw)	92.50
		NOAEC (mg/kg-diet)	1200.00

Dietary-based EECs (ppm)	Kenaga Values
Short Grass	839.59
Tall Grass	384.81
Broadleaf plants	472.27
Fruits/pods/seeds	52.47
Arthropods	328.84

Avian Results

	Avian Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
	Small	20	5	23	114	2.28E-02
	Mid	100	13	65	65	6.49E-02
	Large	1000	58	291	29	2.91E-01
	Granivores	20	5	5	25	5.06E-03
		100	13	14	14	1.44E-02
		1000	58	65	6	6.46E-02

Avian Body Weight (g)	Adjusted LD50 (mg/kg-bw)
20	0.00
100	0.00
1000	0.00

Dose-based EECs

(mg/kg-bw)	Avian Classes and Body Weights (grams)		
	small 20	mid 100	large 1000
Short Grass	956.21	545.27	244.13
Tall Grass	438.26	249.92	111.89
Broadleaf plants	537.87	306.72	137.32
Fruits/pods	59.76	34.08	15.26
Arthropods	374.52	213.57	95.62
Seeds	13.28	7.57	3.39

Dose-based RQs

(Dose-based EEC/adjusted LD50)	Avian Acute RQs Size Class (grams)		
	20	100	1000
Short Grass	#DIV/0!	#DIV/0!	#DIV/0!
Tall Grass	#DIV/0!	#DIV/0!	#DIV/0!
Broadleaf plants	#DIV/0!	#DIV/0!	#DIV/0!
Fruits/pods	#DIV/0!	#DIV/0!	#DIV/0!
Arthropods	#DIV/0!	#DIV/0!	#DIV/0!
Seeds	#DIV/0!	#DIV/0!	#DIV/0!

Dietary-based RQs	RQs	
	Acute	Chronic
Short Grass	#DIV/0!	5.49
Tall Grass	#DIV/0!	2.52
Broadleaf plants	#DIV/0!	3.09
Fruits/pods/seeds	#DIV/0!	0.34
Arthropods	#DIV/0!	2.15

Note: To provide risk management with the maximum possible information, it is recommended that both the dose-based and concentration-based RQs be calculated when data are available

chlorothalonil grass grown for seed Upper bound Kenaga Residues

Mammalian Results

Mammalian Class	Body Weight	Ingestion (Fdry) (g bwt/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Herbivores/ insectivores	15	3	14	95	1.43E-02
	35	5	23	66	2.31E-02
	1000	31	153	15	1.53E-01
Grainvores	15	3	3	21	3.18E-03
	35	5	5	15	5.13E-03
	1000	31	34	3	3.40E-02

Mammalian Class	Body Weight	Adjusted LD50	Adjusted NOAEL
Herbivores/ insectivores	15	0.00	203.30
	35	0.00	164.49
	1000	0.00	71.15
Granivores	15	0.00	203.30
	35	0.00	164.49
	1000	0.00	71.15

Dose-Based EECs (mg/kg-bw)	Mammalian Classes and Body weight (grams)		
	15	35	1000
Short Grass	800.49	553.25	128.27
Tall Grass	366.89	253.57	58.79
Broadleaf plants	450.28	311.20	72.15
Fruits/pods	50.03	34.58	8.02
Arthropods	313.52	216.69	50.24
Seeds	11.12	7.68	1.78

Dose-based RQs (Dose-based EEC/LD50 or NOAEC)	Small mammal 15 grams		Medium mammal 35 grams		Large mammal 1000 grams	
	Acute	Chronic	Acute	Chronic	Acute	Chronic
Short Grass	#DIV/0!	3.94	#DIV/0!	3.36	#DIV/0!	1.80
Tall Grass	#DIV/0!	1.80	#DIV/0!	1.54	#DIV/0!	0.83
Broadleaf plants	#DIV/0!	2.21	#DIV/0!	1.89	#DIV/0!	1.01
Fruits/pods	#DIV/0!	0.25	#DIV/0!	0.21	#DIV/0!	0.11
Arthropods	#DIV/0!	1.54	#DIV/0!	1.32	#DIV/0!	0.71
Seeds	#DIV/0!	0.05	#DIV/0!	0.05	#DIV/0!	0.03

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	Mammal RQs	
	Acute	Chronic
Short Grass	#DIV/0!	0.70
Tall Grass	#DIV/0!	0.32
Broadleaf plants	#DIV/0!	0.39
Fruits/pods/seeds	#DIV/0!	0.04
Arthropods	#DIV/0!	0.27

Chemical Identity and Application Information	
Chemical Name:	chlorothalonil
Seed Treatment?	☐ FALSE
Use:	golf course
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%

Application No.	Rate	Day of Application
1	11.4	0
2	11.4	14
3	11.4	28
4	11.4	42
5	11.4	56
6	11.4	70
7	4.6	84

Endpoints			
Avian	Mallard duck	LD50 (mg/kg-bw)	0.00
	Bobwhite quail	LC50 (mg/kg-diet)	0.00
	Mallard duck	NOAEL(mg/kg-bw)	0.00
	Bobwhite quail	NOAEC (mg/kg-diet)	153.00
Mammals		LD50 (mg/kg-bw)	0.00
		LC50 (mg/kg-diet)	0.00
		NOAEL (mg/kg-bw)	92.50
		NOAEC (mg/kg-diet)	1200.00
Dietary-based EECs (ppm)		Kenaga Values	
Short Grass		9158.38	
Tall Grass		4197.59	
Broadleaf plants		5151.59	
Fruits/pods/seeds		572.40	
Arthropods		3587.03	

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Avian Results						
	Avian Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
	Small	20	5	23	114	2.28E-02
	Mid	100	13	65	65	6.49E-02
	Large	1000	58	291	29	2.91E-01
	Granivores	20	5	5	25	5.06E-03
		100	13	14	14	1.44E-02
		1000	58	65	6	6.46E-02

Avian Body Weight (g)	Adjusted LD50 (mg/kg-bw)
20	0.00
100	0.00
1000	0.00

Dose-based EECs (mg/kg-bw)	Avian Classes and Body Weights (grams)		
	small 20	mid 100	large 1000
Short Grass	10430.47	5947.90	2662.95
Tall Grass	4780.63	2726.12	1220.52
Broadleaf plants	5867.14	3345.69	1497.91
Fruits/pods	651.90	371.74	166.43
Arthropods	4085.27	2329.59	1042.99
Seeds	144.87	82.61	36.99

Dietary-based RQs	RQs	
	Acute	Chronic
Short Grass	#DIV/0!	59.86
Tall Grass	#DIV/0!	27.44
Broadleaf plants	#DIV/0!	33.67
Fruits/pods/seeds	#DIV/0!	3.74
Arthropods	#DIV/0!	23.44

Mammalian Results

Mammalian Class	Body Weight	Ingestion (Fdry) (g bwt/day)	Ingestion (Fwet) (g/day)	%body wgt consumed	FI (kg-diet/day)
Herbivores/ insectivores	15	3	14	95	1.43E-02
	35	5	23	66	2.31E-02
	1000	31	153	15	1.53E-01
Grainvores	15	3	3	21	3.18E-03
	35	5	5	15	5.13E-03
	1000	31	34	3	3.40E-02

Mammalian Class	Body Weight	Adjusted LD50	Adjusted NOAEL
Herbivores/ insectivores	15	0.00	203.30
	35	0.00	164.49
	1000	0.00	71.15
Granivores	15	0.00	203.30
	35	0.00	164.49
	1000	0.00	71.15

Dose-Based EECs (mg/kg-bw)	Mammalian Classes and Body weight (grams)		
	15	35	1000
Short Grass	8731.81	6034.85	1399.20
Tall Grass	4002.08	2765.97	641.30
Broadleaf plants	4911.64	3394.60	787.05
Fruits/pods	545.74	377.18	87.45
Arthropods	3419.96	2363.65	548.02
Seeds	121.28	83.82	19.43

Dose-based RQs (Dose-based EEC/LD50 or NOAEC)	Small mammal 15 grams		Medium mammal 35 grams		Large mammal 1000 grams	
	Acute	Chronic	Acute	Chronic	Acute	Chronic
Short Grass	#DIV/0!	42.95	#DIV/0!	36.69	#DIV/0!	19.67
Tall Grass	#DIV/0!	19.69	#DIV/0!	16.82	#DIV/0!	9.01
Broadleaf plants	#DIV/0!	24.16	#DIV/0!	20.64	#DIV/0!	11.06
Fruits/pods	#DIV/0!	2.68	#DIV/0!	2.29	#DIV/0!	1.23
Arthropods	#DIV/0!	16.82	#DIV/0!	14.37	#DIV/0!	7.70
Seeds	#DIV/0!	0.60	#DIV/0!	0.51	#DIV/0!	0.27

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	Mammal RQs	
	Acute	Chronic
Short Grass	#DIV/0!	7.63
Tall Grass	#DIV/0!	3.50
Broadleaf plants	#DIV/0!	4.29
Fruits/pods/seeds	#DIV/0!	0.48
Arthropods	#DIV/0!	2.99

Chemical Name:	SDS (chlorothalonil)
Use	grass seed
Formulation	0
Application Rate	0.48 lbs a.i./acre
Half-life	35 days
Application Interval	14 days
Maximum # Apps./Year	3
Length of Simulation	1 year
Variable application rates?	no

The maximum single day residue estimation is both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables be <0.01 in your assessment. This is due to n figure issues in Excel.

Questions?
Comments?
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Endpoints			
Avian	Mallard duck	LD50 (mg/kg-bw)	158.00
	Bobwhite quail	LC50 (mg/kg-diet)	1746.00
	Mallard duck	NOAEL(mg/kg-bw)	0.00
	Mallard duck	NOAEC (mg/kg-diet)	50.00
Mammals		LD50 (mg/kg-bw)	242.00
		LC50 (mg/kg-diet)	0.00
		NOAEL (mg/kg-bw)	6.00
		NOAEC (mg/kg-diet)	120.00

Dietary-based EECs (ppm)	Kenaga Values
Short Grass	268.67
Tall Grass	123.14
Broadleaf plants	151.13
Fruits/pods/seeds	16.79
Arthropods	105.23

Avian Results

	Avian Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
	Small	20	5	23	114	2.28E-02
	Mid	100	13	65	65	6.49E-02
	Large	1000	58	291	29	2.91E-01
Granivores		20	5	5	25	5.06E-03
		100	13	14	14	1.44E-02
		1000	58	65	6	6.46E-02

Avian Body Weight (g)	Adjusted LD50 (mg/kg-bw)
20	82.04
100	104.44
1000	147.52

Dose-based EECs (mg/kg-bw)	Avian Classes and Body Weights (grams)		
	small 20	mid 100	large 1000
Short Grass	305.99	174.49	78.12
Tall Grass	140.24	79.97	35.81
Broadleaf plants	172.12	98.15	43.94
Fruits/pods	19.12	10.91	4.88
Arthropods	119.85	68.34	30.60
Seeds	4.25	2.42	1.09

Dose-based RQs (Dose-based EEC/adjusted LD50)	Avian Acute RQs Size Class (grams)		
	20	100	1000
Short Grass	3.73	1.67	0.53
Tall Grass	1.71	0.77	0.24
Broadleaf plants	2.10	0.94	0.30
Fruits/pods	0.23	0.10	0.03
Arthropods	1.46	0.65	0.21
Seeds	0.05	0.02	0.01

Dietary-based RQs	RQs	
	Acute	Chronic
Short Grass	0.15	5.37
Tall Grass	0.07	2.46
Broadleaf plants	0.09	3.02
Fruits/pods/seeds	0.01	0.34
Arthropods	0.06	2.10

Note: To provide risk management with the maximum possible information, it is recommended that both the dose-based and concentration-based RQs be calculated when data are available

chlorothalonil grass seed Upper bound Kenaga Residues

Mammalian Results

Mammalian Class	Body Weight	Ingestion (Fdry) (g bwt/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Herbivores/ insectivores	15	3	14	95	1.43E-02
	35	5	23	66	2.31E-02
	1000	31	153	15	1.53E-01
Grainvores	15	3	3	21	3.18E-03
	35	5	5	15	5.13E-03
	1000	31	34	3	3.40E-02

Mammalian Class	Body Weight	Adjusted LD50	Adjusted NOAEL
Herbivores/ insectivores	15	531.87	13.19
	35	430.34	10.67
	1000	186.14	4.61
Granivores	15	531.87	13.19
	35	430.34	10.67
	1000	186.14	4.61

Dose-Based EECs (mg/kg-bw)	Mammalian Classes and Body weight (grams)		
	15	35	1000
Short Grass	256.16	177.04	41.05
Tall Grass	117.41	81.14	18.81
Broadleaf plants	144.09	99.58	23.09
Fruits/pods	16.01	11.06	2.57
Arthropods	100.33	69.34	16.08
Seeds	3.56	2.46	0.57

Dose-based RQs (Dose-based EEC/LD50 or	Small mammal 15 grams		Medium mammal 35 grams		Large mammal 1000 grams	
	Acute	Chronic	Acute	Chronic	Acute	Chronic
Short Grass	0.48	19.42	0.41	16.59	0.22	8.89
Tall Grass	0.22	8.90	0.19	7.60	0.10	4.08
Broadleaf plants	0.27	10.93	0.23	9.33	0.12	5.00
Fruits/pods	0.03	1.21	0.03	1.04	0.01	0.56
Arthropods	0.19	7.61	0.16	6.50	0.09	3.48
Seeds	0.01	0.27	0.01	0.23	0.00	0.12

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	Mammal RQs	
	Acute	Chronic
Short Grass	#DIV/0!	2.24
Tall Grass	#DIV/0!	1.03
Broadleaf plants	#DIV/0!	1.26
Fruits/pods/seeds	#DIV/0!	0.14
Arthropods	#DIV/0!	0.88

Upper Bound Kenaga Residues For RQ Calculation

Chemical Name:	chlorothalonil
Use	grass seed
Formulation	0
Application Rate	1.5 lbs a.i./acre
Half-life	35 days
Application Interval	14 days
Maximum # Apps./Year	3
Length of Simulation	1 year

Acute and Chronic RQs are based on the Upper B Kenaga Residues.

The maximum single day residue estimation is use both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables below <0.01 in your assessment. This is due to round figure issues in Excel.

Questions?
Comments?
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Endpoints

Avian	Mallard duck	LD50 (mg/kg-bw)	0.00
	Bobwhite quail	LC50 (mg/kg-diet)	0.00
	Bobwhite quail	NOAEL(mg/kg-bw)	0.00
	Bobwhite quail	NOAEC (mg/kg-diet)	153.00

Dietary-based EECs (ppm)	Kenaga Values
Short Grass	839.59
Tall Grass	384.81
Broadleaf plants/sm Insects	472.27
Fruits/pods/seeds/lg insects	52.47
Small herbivore mammals	2299.63
Medium herbivore mammal	842.67
Large herbivore mammal	308.79
Small insectivore mammals	143.73
Medium Insectivorous mammal	52.67
Large Insectivorous mammal	19.30
Small terrestrial phase amphibians	28.76
Medium terrestrial phase amphibians	17.05
Large terrestrial phase amphibians	10.11

Terrestrial Herpetofauna Results

Weight Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Small	2	0.022	0.1	5.6	1.11E-04
Mid	20	0.132	0.7	3.3	6.59E-04
Large	200	0.781	3.9	2.0	3.90E-03

Body Weight (g)	Adjusted LD50 (mg/kg-bw)
2	0.00
20	0.00
200	0.00

Dose-based EECs

(mg/kg-bw)	Herpetofaunal Size Classes and Body Weights		
	small (g)	mid (g)	large (g)
	2	20	200
Short Grass	46.63	27.65	16.39
Tall Grass	21.37	12.67	7.51
Broadleaf plants/sm Insects	26.23	15.55	9.22
Fruits/pods/seeds/lg insects	2.91	1.73	1.02
Herbivore mammals	1533.09	561.78	205.86
Insectivore mammals	95.82	35.11	12.87
Reptile/Terrestrial phase amphibian	19.17	11.37	6.74

Dose-based RQs (Dose-based EEC/adjusted LD50)	Amphibian/Reptile Acute RQs for Small, Medium, and Large Species (grams)		
	2	20	200
Short Grass	#DIV/0!	#DIV/0!	#DIV/0!
Tall Grass	#DIV/0!	#DIV/0!	#DIV/0!
Broadleaf plants/sm insects	#DIV/0!	#DIV/0!	#DIV/0!
Fruits/pods/seeds/lg insects	#DIV/0!	#DIV/0!	#DIV/0!
Herbivore mammals	#DIV/0!	#DIV/0!	#DIV/0!
Insectivore mammals	#DIV/0!	#DIV/0!	#DIV/0!
Terrestrial phase amphibian	#DIV/0!	#DIV/0!	#DIV/0!

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	RQs	
	Acute	Chronic
Short Grass	#DIV/0!	5.49
Tall Grass	#DIV/0!	2.52
Broadleaf plants/sm Insects	#DIV/0!	3.09
Fruits/pods/seeds/lg insects	#DIV/0!	0.34
Herbivore mammals	#DIV/0!	5.51
Insectivore mammals	#DIV/0!	0.34
Terrestrial phase amphibian	#DIV/0!	0.11

Upper Bound Kenaga Residues For RQ Calculation

Chemical Name:	SDS-3701 (chlorothalonil)
Use	grass seed
Formulation	0
Application Rate	0.48 lbs a.i./acre
Half-life	35 days
Application Interval	14 days
Maximum # Apps./Year	3
Length of Simulation	1 year

Acute and Chronic RQs are based on the Upper B Kenaga Residues.

The maximum single day residue estimation is use both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables below <0.01 in your assessment. This is due to round figure issues in Excel.

Questions?
Comments?
[Click here](#)

Endpoints

Avian	Mallard duck	LD50 (mg/kg-bw)	158.00
	Bobwhite quail	LC50 (mg/kg-diet)	1746.00
	Bobwhite quail	NOAEL(mg/kg-bw)	0.00
	Mallard duck	NOAEC (mg/kg-diet)	50.00

Dietary-based EECs (ppm)	Kenaga Values
Short Grass	268.67
Tall Grass	123.14
Broadleaf plants/sm Insects	151.13
Fruits/pods/seeds/lg insects	16.79
Small herbivore mammals	735.88
Medium herbivore mammal	269.65
Large herbivore mammal	98.81
Small insectivore mammals	45.99
Medium Insectivorous mammal	16.85
Large Insectivorous mammal	6.18
Small terrestrial phase amphibians	9.20
Medium terrestrial phase amphibians	5.46
Large terrestrial phase amphibians	3.24

Terrestrial Herpetofauna Results

Weight Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Small	2	0.022	0.1	5.6	1.11E-04
Mid	20	0.132	0.7	3.3	6.59E-04
Large	200	0.781	3.9	2.0	3.90E-03

Body Weight (g)	Adjusted LD50 (mg/kg-bw)
2	158.00
20	158.00
200	158.00

Dose-based EECs (mg/kg-bw)	Herpetofaunal Size Classes and Body Weights		
	small (g)	mid (g)	large (g)
	2	20	200
Short Grass	14.92	8.85	5.25
Tall Grass	6.84	4.05	2.40
Broadleaf plants/sm Insects	8.39	4.98	2.95
Fruits/pods/seeds/lg insects	0.93	0.55	0.33
Herbivore mammals	490.59	179.77	65.87
Insectivore mammals	30.66	11.24	4.12
Reptile/Terrestrial phase amphibian	6.13	3.64	2.16

Dose-based RQs (Dose-based EEC/adjusted LD50)	Amphibian/Reptile Acute RQs for Small, Medium, and Large Species (grams)		
	2	20	200
Short Grass	0.09	0.06	0.03
Tall Grass	0.04	0.03	0.02
Broadleaf plants/sm insects	0.05	0.03	0.02
Fruits/pods/seeds/lg insects	0.01	0.00	0.00
Herbivore mammals	3.10	1.14	0.42
Insectivore mammals	0.19	0.07	0.03
Terrestrial phase amphibian	0.04	0.02	0.01

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	RQs	
	Acute	Chronic
Short Grass	0.15	5.37
Tall Grass	0.07	2.46
Broadleaf plants/sm Insects	0.09	3.02
Fruits/pods/seeds/lg insects	0.01	0.34
Herbivore mammals	0.15	5.39
Insectivore mammals	0.01	0.34
Terrestrial phase amphibian	0.00	0.11

Upper Bound Kenaga Residues For RQ Calculation	
Chemical Name:	chlorothalonil
Use	grass seed
Formulation	0
Application Rate	11.4 lbs a.i./acre
Half-life	35 days
Application Interval	14 days
Maximum # Apps./Year	6
Length of Simulation	1 year

Acute and Chronic RQs are based on the Upper B Kenaga Residues.

The maximum single day residue estimation is use both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables below <0.01 in your assessment. This is due to round figure issues in Excel.

Questions?
Comments?
[Click here](#)

Endpoints			
Avian	Mallard duck	LD50 (mg/kg-bw)	0.00
	Bobwhite quail	LC50 (mg/kg-diet)	0.00
	Bobwhite quail	NOAEL(mg/kg-bw)	0.00
	Bobwhite quail	NOAEC (mg/kg-diet)	153.00

Dietary-based EECs (ppm)	Kenaga
	Values
Short Grass	9158.38
Tall Grass	4197.59
Broadleaf plants/sm Insects	5151.59
Fruits/pods/seeds/lg insects	572.40
Small herbivore mammals	25084.58
Medium herbivore mammal	9191.93
Large herbivore mammal	3368.27
Small insectivore mammals	1567.79
Medium Insectivorous mammal	574.50
Large Insectivorous mammal	210.52
Small terrestrial phase amphibians	313.68
Medium terrestrial phase amphibians	185.99
Large terrestrial phase amphibians	110.28

Terrestrial Herpetofauna Results

Weight Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Small	2	0.022	0.1	5.6	1.11E-04
Mid	20	0.132	0.7	3.3	6.59E-04
Large	200	0.781	3.9	2.0	3.90E-03

Body Weight (g)	Adjusted LD50 (mg/kg-bw)
2	0.00
20	0.00
200	0.00

Dose-based EECs (mg/kg-bw)	Herpetofaunal Size Classes and Body Weights		
	small (g)	mid (g)	large (g)
	2	20	200
Short Grass	508.63	301.58	178.81
Tall Grass	233.12	138.22	81.96
Broadleaf plants/sm Insects	286.10	169.64	100.58
Fruits/pods/seeds/lg insects	31.79	18.85	11.18
Herbivore mammals	16723.05	6127.95	2245.51
Insectivore mammals	1045.19	383.00	140.34
Reptile/Terrestrial phase amphibian	209.12	123.99	73.52

Dose-based RQs (Dose-based EEC/adjusted LD50)	Amphibian/Reptile Acute RQs for Small, Medium, and Large Species (grams)		
	2	20	200
Short Grass	#DIV/0!	#DIV/0!	#DIV/0!
Tall Grass	#DIV/0!	#DIV/0!	#DIV/0!
Broadleaf plants/sm insects	#DIV/0!	#DIV/0!	#DIV/0!
Fruits/pods/seeds/lg insects	#DIV/0!	#DIV/0!	#DIV/0!
Herbivore mammals	#DIV/0!	#DIV/0!	#DIV/0!
Insectivore mammals	#DIV/0!	#DIV/0!	#DIV/0!
Terrestrial phase amphibian	#DIV/0!	#DIV/0!	#DIV/0!

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	RQs	
	Acute	Chronic
Short Grass	#DIV/0!	59.86
Tall Grass	#DIV/0!	27.44
Broadleaf plants/sm Insects	#DIV/0!	33.67
Fruits/pods/seeds/lg insects	#DIV/0!	3.74
Herbivore mammals	#DIV/0!	60.08
Insectivore mammals	#DIV/0!	3.75
Terrestrial phase amphibian	#DIV/0!	1.22