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T-REX Results Using Default Foliar Dissipation Half Life of 35 days

Table 1. T-REX estimated environmental concentration (EEC) results for birds and mammals using default foliar half-life of 35 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
Agricultural crops/ soils	0.0832, 3, 21	Short Grass	47.64	27.17	12.16	39.89	27.57	6.39	41.83
		Tall Grass	21.84	12.45	5.58	18.28	12.63	2.93	19.17
		Broadleaf Plants	26.80	15.28	6.84	22.44	15.51	3.60	23.53
		Fruits/Pods/Seeds	2.98	1.70	0.76	2.49	1.72	0.40	2.61
		Arthropods	18.66	10.64	4.76	15.62	10.80	2.50	16.38
		Granivores	0.66	0.38	0.17	0.55	0.38	0.09	
Alfalfa, Clover	0.1, 5, 45	Short Grass	45.80	26.12	11.69	38.34	26.50	6.14	40.22
		Tall Grass	20.99	11.97	5.36	17.57	12.15	2.82	18.43
		Broadleaf Plants	25.76	14.69	6.58	21.57	14.91	3.46	22.62
		Fruits/Pods/Seeds	2.86	1.63	0.73	2.40	1.66	0.38	2.51
		Arthropods	17.94	10.23	4.58	15.02	10.38	2.41	15.75
		Granivores	0.64	0.36	0.16	0.53	0.37	0.09	
Artichokes	0.1, 5, 15	Short Grass	82.27	46.92	21.00	68.87	47.60	11.04	72.24
		Tall Grass	37.71	21.50	9.63	31.57	21.82	5.06	33.11
		Broadleaf Plants	46.28	26.39	11.82	38.74	26.78	6.21	40.63
		Fruits/Pods/Seeds	5.14	2.93	1.31	4.30	2.98	0.69	4.51
		Arthropods	32.22	18.38	8.23	26.98	18.64	4.32	28.29
		Granivores	1.14	0.65	0.29	0.96	0.66	0.15	
Beets, garden beets	0.1, 4, 7	Short Grass	89.88	51.25	22.95	75.24	52.00	12.06	78.92
		Tall Grass	41.19	23.49	10.52	34.49	23.83	5.53	36.17
		Broadleaf Plants	50.56	28.83	12.91	42.32	29.25	6.78	44.39
		Fruits/Pods/Seeds	5.62	3.20	1.43	4.70	3.25	0.75	4.93
		Arthropods	35.20	20.07	8.99	29.47	20.37	4.72	30.91
		Granivores	1.25	0.71	0.32	1.05	0.72	0.17	
Bushberries	0.1, 5, 7	Short Grass	105.58	60.20	26.95	88.38	61.08	14.16	92.70
		Tall Grass	48.39	27.59	12.35	40.51	28.00	6.49	42.49
		Broadleaf Plants	59.39	33.86	15.16	49.72	34.36	7.97	52.14
		Fruits/Pods/Seeds	6.60	3.76	1.68	5.52	3.82	0.89	5.79
		Arthropods	41.35	23.58	10.56	34.62	23.92	5.55	36.31
		Granivores	1.47	0.84	0.37	1.23	0.85	0.20	
Caneberries	0.1, 2, 14	Short Grass	48.05	27.40	12.27	40.22	27.80	6.45	42.19
		Tall Grass	22.02	12.56	5.62	18.44	12.74	2.95	19.34
		Broadleaf Plants	27.03	15.41	6.90	22.63	15.64	3.63	23.73
		Fruits/Pods/Seeds	3.00	1.71	0.77	2.51	1.74	0.40	2.64
		Arthropods	18.82	10.73	4.80	15.75	10.89	2.52	16.52
		Granivores	0.67	0.38	0.17	0.56	0.39	0.09	
Canola, rapeseed, crambe	0.04, 2, 14	Short Grass	19.22	10.96	4.91	16.09	11.12	2.58	16.88
		Tall Grass	8.81	5.02	2.25	7.37	5.10	1.18	7.73
		Broadleaf Plants	10.81	6.16	2.76	9.05	6.25	1.45	9.49
		Fruits/Pods/Seeds	1.20	0.68	0.31	1.01	0.69	0.16	1.05

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Arthropods	7.53	4.29	1.92	6.30	4.36	1.01	6.61
		Granivores	0.27	0.15	0.07	0.22	0.15	0.04	
Citrus crops	0.5, 1,	Short Grass	136.67	77.93	34.89	114.41	79.07	18.33	120.00
		Tall Grass	62.64	35.72	15.99	52.44	36.24	8.40	55.00
		Broadleaf Plants	76.88	43.84	19.63	64.36	44.48	10.31	67.50
		Fruits/Pods/Seeds	8.54	4.87	2.18	7.15	4.94	1.15	7.50
		Arthropods	53.53	30.52	13.67	44.81	30.97	7.18	47.00
		Granivores	1.90	1.08	0.48	1.59	1.10	0.25	
Corn	0.1, 3, 3	Short Grass	77.36	44.11	19.75	64.76	44.76	10.38	67.93
		Tall Grass	35.46	20.22	9.05	29.68	20.51	4.76	31.13
		Broadleaf Plants	43.52	24.81	11.11	36.43	25.18	5.84	38.21
		Fruits/Pods/Seeds	4.84	2.76	1.23	4.05	2.80	0.65	4.25
		Arthropods	30.30	17.28	7.74	25.37	17.53	4.06	26.60
		Granivores	1.07	0.61	0.27	0.90	0.62	0.14	
Cotton	0.1, 5, 3	Short Grass	121.78	69.45	31.09	101.95	70.46	16.34	106.93
		Tall Grass	55.82	31.83	14.25	46.73	32.30	7.49	49.01
		Broadleaf Plants	68.50	39.06	17.49	57.35	39.63	9.19	60.15
		Fruits/Pods/Seeds	7.61	4.34	1.94	6.37	4.40	1.02	6.68
		Arthropods	47.70	27.20	12.18	39.93	27.60	6.40	41.88
		Granivores	1.69	0.96	0.43	1.42	0.98	0.23	
Cucurbits:	0.1, 3, 7	Short Grass	71.84	40.97	18.34	60.14	41.57	9.64	63.08
		Tall Grass	32.93	18.78	8.41	27.57	19.05	4.42	28.91
		Broadleaf Plants	40.41	23.04	10.32	33.83	23.38	5.42	35.48
		Fruits/Pods/Seeds	4.49	2.56	1.15	3.76	2.60	0.60	3.94
		Arthropods	28.14	16.05	7.18	23.56	16.28	3.77	24.71
		Granivores	1.00	0.57	0.25	0.84	0.58	0.13	
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	Short Grass	57.40	32.73	14.65	48.05	33.21	7.70	50.40
		Tall Grass	26.31	15.00	6.72	22.02	15.22	3.53	23.10
		Broadleaf Plants	32.29	18.41	8.24	27.03	18.68	4.33	28.35
		Fruits/Pods/Seeds	3.59	2.05	0.92	3.00	2.08	0.48	3.15
		Arthropods	22.48	12.82	5.74	18.82	13.01	3.02	19.74
		Granivores	0.80	0.45	0.20	0.67	0.46	0.11	
Dried Peas and Beans	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Fruits (unspecified)	0.2, 2, 7	Short Grass	102.26	58.31	26.11	85.60	59.16	13.72	89.79
		Tall Grass	46.87	26.73	11.97	39.24	27.12	6.29	41.15
		Broadleaf Plants	57.52	32.80	14.69	48.15	33.28	7.72	50.50
		Fruits/Pods/Seeds	6.39	3.64	1.63	5.35	3.70	0.86	5.61
		Arthropods	40.05	22.84	10.23	33.53	23.17	5.37	35.17
		Granivores	1.42	0.81	0.36	1.19	0.82	0.19	
Grapes	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	105.58	60.20	26.95	88.38	61.08	14.16	92.70
		Tall Grass	48.39	27.59	12.35	40.51	28.00	6.49	42.49
		Broadleaf Plants	59.39	33.86	15.16	49.72	34.36	7.97	52.14
		Fruits/Pods/Seeds	6.60	3.76	1.68	5.52	3.82	0.89	5.79
		Arthropods	41.35	23.58	10.56	34.62	23.92	5.55	36.31
		Granivores	1.47	0.84	0.37	1.23	0.85	0.20	
Hops	0.1, 3, 21	Short Grass	57.26	32.65	14.62	47.94	33.13	7.68	50.28
		Tall Grass	26.25	14.97	6.70	21.97	15.19	3.52	23.05
		Broadleaf Plants	32.21	18.37	8.22	26.97	18.64	4.32	28.28
		Fruits/Pods/Seeds	3.58	2.04	0.91	3.00	2.07	0.48	3.14
		Arthropods	22.43	12.79	5.73	18.78	12.98	3.01	19.69
		Granivores	0.80	0.45	0.20	0.67	0.46	0.11	
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	119.98	68.42	30.63	100.44	69.42	16.09	105.35
		Tall Grass	54.99	31.36	14.04	46.03	31.82	7.38	48.28
		Broadleaf Plants	67.49	38.48	17.23	56.50	39.05	9.05	59.26
		Fruits/Pods/Seeds	7.50	4.28	1.91	6.28	4.34	1.01	6.58
		Arthropods	46.99	26.80	12.00	39.34	27.19	6.30	41.26
		Granivores	1.67	0.95	0.43	1.39	0.96	0.22	
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Short Grass	51.13	29.16	13.05	42.80	29.58	6.86	44.89
		Tall Grass	23.43	13.36	5.98	19.62	13.56	3.14	20.58
		Broadleaf Plants	28.76	16.40	7.34	24.08	16.64	3.86	25.25
		Fruits/Pods/Seeds	3.20	1.82	0.82	2.68	1.85	0.43	2.81
		Arthropods	20.03	11.42	5.11	16.76	11.59	2.69	17.58
		Granivores	0.71	0.40	0.18	0.59	0.41	0.10	
Root Crops	0.1, 5, 7	Short Grass	105.58	60.20	26.95	88.38	61.08	14.16	92.70
		Tall Grass	48.39	27.59	12.35	40.51	28.00	6.49	42.49
		Broadleaf Plants	59.39	33.86	15.16	49.72	34.36	7.97	52.14
		Fruits/Pods/Seeds	6.60	3.76	1.68	5.52	3.82	0.89	5.79
		Arthropods	41.35	23.58	10.56	34.62	23.92	5.55	36.31
		Granivores	1.47	0.84	0.37	1.23	0.85	0.20	
Spinach	0.1, 4, 7	Short Grass	89.88	51.25	22.95	75.24	52.00	12.06	78.92
		Tall Grass	41.19	23.49	10.52	34.49	23.83	5.53	36.17
		Broadleaf Plants	50.56	28.83	12.91	42.32	29.25	6.78	44.39
		Fruits/Pods/Seeds	5.62	3.20	1.43	4.70	3.25	0.75	4.93
		Arthropods	35.20	20.07	8.99	29.47	20.37	4.72	30.91
		Granivores	1.25	0.71	0.32	1.05	0.72	0.17	
Sweet corn	0.1, 2, 3	Short Grass	53.09	30.27	13.55	44.44	30.72	7.12	46.62
		Tall Grass	24.33	13.88	6.21	20.37	14.08	3.26	21.37
		Broadleaf Plants	29.86	17.03	7.62	25.00	17.28	4.01	26.22
		Fruits/Pods/Seeds	3.32	1.89	0.85	2.78	1.92	0.45	2.91
		Arthropods	20.79	11.86	5.31	17.41	12.03	2.79	18.26

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Granivores	0.74	0.42	0.19	0.62	0.43	0.10	
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	112.92	64.39	28.83	94.53	65.33	15.15	99.15
		Tall Grass	51.75	29.51	13.21	43.33	29.94	6.94	45.44
		Broadleaf Plants	63.52	36.22	16.22	53.17	36.75	8.52	55.77
		Fruits/Pods/Seeds	7.06	4.02	1.80	5.91	4.08	0.95	6.20
		Arthropods	44.23	25.22	11.29	37.02	25.59	5.93	38.83
		Granivores	1.57	0.89	0.40	1.31	0.91	0.21	
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	Short Grass	57.40	32.73	14.65	48.05	33.21	7.70	50.40
		Tall Grass	26.31	15.00	6.72	22.02	15.22	3.53	23.10
		Broadleaf Plants	32.29	18.41	8.24	27.03	18.68	4.33	28.35
		Fruits/Pods/Seeds	3.59	2.05	0.92	3.00	2.08	0.48	3.15
		Arthropods	22.48	12.82	5.74	18.82	13.01	3.02	19.74
		Granivores	0.80	0.45	0.20	0.67	0.46	0.11	
Airports/ Landing Fields	0.0096, 1,	Short Grass	2.62	1.50	0.67	2.20	1.52	0.35	2.30
		Tall Grass	1.20	0.69	0.31	1.01	0.70	0.16	1.06
		Broadleaf Plants	1.48	0.84	0.38	1.24	0.85	0.20	1.30
		Fruits/Pods/Seeds	0.16	0.09	0.04	0.14	0.09	0.02	0.14
		Arthropods	1.03	0.59	0.26	0.86	0.59	0.14	0.90
		Granivores	0.04	0.02	0.01	0.03	0.02	0.00	
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	Short Grass	54.67	31.17	13.96	45.76	31.63	7.33	48.00
		Tall Grass	25.06	14.29	6.40	20.98	14.50	3.36	22.00
		Broadleaf Plants	30.75	17.54	7.85	25.74	17.79	4.13	27.00
		Fruits/Pods/Seeds	3.42	1.95	0.87	2.86	1.98	0.46	3.00
		Arthropods	21.41	12.21	5.47	17.92	12.39	2.87	18.80
		Granivores	0.76	0.43	0.19	0.64	0.44	0.10	
Farm Premises/Buildings	0.0317, 2, 7	Short Grass	16.21	9.24	4.14	13.57	9.38	2.17	14.23
		Tall Grass	7.43	4.24	1.90	6.22	4.30	1.00	6.52
		Broadleaf Plants	9.12	5.20	2.33	7.63	5.27	1.22	8.01
		Fruits/Pods/Seeds	1.01	0.58	0.26	0.85	0.59	0.14	0.89
		Arthropods	6.35	3.62	1.62	5.31	3.67	0.85	5.57
		Granivores	0.23	0.13	0.06	0.19	0.13	0.03	
Forest Tree Plantations	0.205, 3, 30	Short Grass	104.04	59.33	26.56	87.10	60.20	13.96	91.35
		Tall Grass	47.69	27.19	12.17	39.92	27.59	6.40	41.87
		Broadleaf Plants	58.52	33.37	14.94	48.99	33.86	7.85	51.39
		Fruits/Pods/Seeds	6.50	3.71	1.66	5.44	3.76	0.87	5.71
		Arthropods	40.75	23.24	10.40	34.11	23.58	5.47	35.78
		Granivores	1.45	0.82	0.37	1.21	0.84	0.19	
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	53.70	30.62	13.71	44.95	31.07	7.20	47.15
		Tall Grass	24.61	14.03	6.28	20.60	14.24	3.30	21.61
		Broadleaf Plants	30.20	17.22	7.71	25.29	17.48	4.05	26.52
		Fruits/Pods/Seeds	3.36	1.91	0.86	2.81	1.94	0.45	2.95
		Arthropods	21.03	11.99	5.37	17.61	12.17	2.82	18.47
		Granivores	0.75	0.43	0.19	0.62	0.43	0.10	
Non-agricultural Uncultivated Areas	0.167, 3, 56	Short Grass	65.67	37.45	16.77	54.98	38.00	8.81	57.66
		Tall Grass	30.10	17.16	7.68	25.20	17.42	4.04	26.43
		Broadleaf Plants	36.94	21.07	9.43	30.92	21.37	4.96	32.44

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Fruits/Pods/Seeds	4.10	2.34	1.05	3.44	2.37	0.55	3.60
		Arthropods	25.72	14.67	6.57	21.53	14.88	3.45	22.58
		Granivores	0.91	0.52	0.23	0.76	0.53	0.12	
Nursery Stock	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	259.67	148.07	66.29	217.38	150.24	34.83	228.00
		Tall Grass	119.02	67.87	30.39	99.63	68.86	15.97	104.50
		Broadleaf Plants	146.06	83.29	37.29	122.28	84.51	19.59	128.25
		Fruits/Pods/Seeds	16.23	9.25	4.14	13.59	9.39	2.18	14.25
		Arthropods	101.70	58.00	25.97	85.14	58.84	13.64	89.30
		Granivores	3.61	2.06	0.92	3.02	2.09	0.48	
Ornamental & Shade Trees (2)	0.3, 3, 30	Short Grass	152.26	86.82	38.87	127.46	88.09	20.42	133.69
		Tall Grass	69.79	39.79	17.82	58.42	40.38	9.36	61.27
		Broadleaf Plants	85.65	48.84	21.87	71.70	49.55	11.49	75.20
		Fruits/Pods/Seeds	9.52	5.43	2.43	7.97	5.51	1.28	8.36
		Arthropods	59.63	34.01	15.23	49.92	34.50	8.00	52.36
		Granivores	2.11	1.21	0.54	1.77	1.22	0.28	
Ornamental Grasses	0.232, 2, 56	Short Grass	84.33	48.09	21.53	70.60	48.79	11.31	74.05
		Tall Grass	38.65	22.04	9.87	32.36	22.36	5.19	33.94
		Broadleaf Plants	47.44	27.05	12.11	39.71	27.45	6.36	41.65
		Fruits/Pods/Seeds	5.27	3.01	1.35	4.41	3.05	0.71	4.63
		Arthropods	33.03	18.84	8.43	27.65	19.11	4.43	29.00
		Granivores	1.17	0.67	0.30	0.98	0.68	0.16	
Pave Area Perimeters	0.38, 1,	Short Grass	103.87	59.23	26.52	86.95	60.10	13.93	91.20
		Tall Grass	47.61	27.15	12.15	39.85	27.54	6.39	41.80
		Broadleaf Plants	58.43	33.32	14.92	48.91	33.80	7.84	51.30
		Fruits/Pods/Seeds	6.49	3.70	1.66	5.43	3.76	0.87	5.70
		Arthropods	40.68	23.20	10.39	34.06	23.54	5.46	35.72
		Granivores	1.44	0.82	0.37	1.21	0.83	0.19	
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	Short Grass	62.87	35.85	16.05	52.63	36.37	8.43	55.20
		Tall Grass	28.81	16.43	7.36	24.12	16.67	3.87	25.30
		Broadleaf Plants	35.36	20.17	9.03	29.60	20.46	4.74	31.05
		Fruits/Pods/Seeds	3.93	2.24	1.00	3.29	2.27	0.53	3.45
		Arthropods	24.62	14.04	6.29	20.61	14.25	3.30	21.62
		Granivores	0.87	0.50	0.22	0.73	0.51	0.12	
Residential Lawns (1)	0.0634, 1,	Short Grass	17.33	9.88	4.42	14.51	10.03	2.32	15.22
		Tall Grass	7.94	4.53	2.03	6.65	4.60	1.07	6.97
		Broadleaf Plants	9.75	5.56	2.49	8.16	5.64	1.31	8.56
		Fruits/Pods/Seeds	1.08	0.62	0.28	0.91	0.63	0.15	0.95
		Arthropods	6.79	3.87	1.73	5.68	3.93	0.91	5.96
		Granivores	0.24	0.14	0.06	0.20	0.14	0.03	

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
Residential Lawns (3)	0.06, 2, 56	Short Grass	21.81	12.44	5.57	18.26	12.62	2.93	19.15
		Tall Grass	10.00	5.70	2.55	8.37	5.78	1.34	8.78
		Broadleaf Plants	12.27	7.00	3.13	10.27	7.10	1.65	10.77
		Fruits/Pods/Seeds	1.36	0.78	0.35	1.14	0.79	0.18	1.20
		Arthropods	8.54	4.87	2.18	7.15	4.94	1.15	7.50
		Granivores	0.30	0.17	0.08	0.25	0.18	0.04	
Right of Way (1)	0.021, 1,	Short Grass	5.74	3.27	1.47	4.81	3.32	0.77	5.04
		Tall Grass	2.63	1.50	0.67	2.20	1.52	0.35	2.31
		Broadleaf Plants	3.23	1.84	0.82	2.70	1.87	0.43	2.84
		Fruits/Pods/Seeds	0.36	0.20	0.09	0.30	0.21	0.05	0.32
		Arthropods	2.25	1.28	0.57	1.88	1.30	0.30	1.97
		Granivores	0.08	0.05	0.02	0.07	0.05	0.01	
Roses	0.1, 5, 7	Short Grass	105.58	60.20	26.95	88.38	61.08	14.16	92.70
		Tall Grass	48.39	27.59	12.35	40.51	28.00	6.49	42.49
		Broadleaf Plants	59.39	33.86	15.16	49.72	34.36	7.97	52.14
		Fruits/Pods/Seeds	6.60	3.76	1.68	5.52	3.82	0.89	5.79
		Arthropods	41.35	23.58	10.56	34.62	23.92	5.55	36.31
		Granivores	1.47	0.84	0.37	1.23	0.85	0.20	
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	102.26	58.31	26.11	85.60	59.16	13.72	89.79
		Tall Grass	46.87	26.73	11.97	39.24	27.12	6.29	41.15
		Broadleaf Plants	57.52	32.80	14.69	48.15	33.28	7.72	50.50
		Fruits/Pods/Seeds	6.39	3.64	1.63	5.35	3.70	0.86	5.61
		Arthropods	40.05	22.84	10.23	33.53	23.17	5.37	35.17
		Granivores	1.42	0.81	0.36	1.19	0.82	0.19	
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	82.00	46.76	20.94	68.65	47.44	11.00	72.00
		Tall Grass	37.58	21.43	9.60	31.46	21.75	5.04	33.00
		Broadleaf Plants	46.13	26.30	11.78	38.61	26.69	6.19	40.50
		Fruits/Pods/Seeds	5.13	2.92	1.31	4.29	2.97	0.69	4.50
		Arthropods	32.12	18.31	8.20	26.89	18.58	4.31	28.20
		Granivores	1.14	0.65	0.29	0.95	0.66	0.15	

Table 2. T-REX risk quotient (RQ) results for birds using default foliar half-life of 35 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
Agricultural crops/ soils	0.0832, 3, 21	Short Grass	0.04	0.02	0.01	0.03	0.56
		Tall Grass	0.02	0.01	0.00	0.01	0.26
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.31
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.03
		Arthropods	0.01	0.01	0.00	0.01	0.22
		Granivores	0.00	0.00	0.00		
Alfalfa, Clover	0.1, 5, 45	Short Grass	0.04	0.02	0.01	0.03	0.54
		Tall Grass	0.02	0.01	0.00	0.01	0.25
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.30
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.03
		Arthropods	0.01	0.01	0.00	0.01	0.21
		Granivores	0.00	0.00	0.00		
Artichokes	0.1, 5, 15	Short Grass	0.06	0.03	0.01	0.06	0.96
		Tall Grass	0.03	0.01	0.00	0.03	0.44
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.54
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.02	0.01	0.00	0.02	0.38
		Granivores	0.00	0.00	0.00		
Beets, garden beets	0.1, 4, 7	Short Grass	0.07	0.03	0.01	0.06	1.05
		Tall Grass	0.03	0.01	0.00	0.03	0.48
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.59
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.07
		Arthropods	0.03	0.01	0.00	0.02	0.41
		Granivores	0.00	0.00	0.00		
Bushberries	0.1, 5, 7	Short Grass	0.08	0.04	0.01	0.07	1.24
		Tall Grass	0.04	0.02	0.01	0.03	0.57
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.70
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Caneberries	0.1, 2, 14	Short Grass	0.04	0.02	0.01	0.03	0.56
		Tall Grass	0.02	0.01	0.00	0.02	0.26
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.32
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.01	0.01	0.00	0.01	0.22
		Granivores	0.00	0.00	0.00		
Canola, rapeseed, crambe	0.04, 2, 14	Short Grass	0.01	0.01	0.00	0.01	0.23
		Tall Grass	0.01	0.00	0.00	0.01	0.10
		Broadleaf Plants	0.01	0.00	0.00	0.01	0.13
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.01
		Arthropods	0.01	0.00	0.00	0.01	0.09
		Granivores	0.00	0.00	0.00		
Citrus crops	0.5, 1,	Short Grass	0.11	0.05	0.01	0.09	1.60
		Tall Grass	0.05	0.02	0.01	0.04	0.73

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
		Broadleaf Plants	0.06	0.03	0.01	0.05	0.90
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.01	0.10
		Arthropods	0.04	0.02	0.01	0.04	0.63
		Granivores	0.00	0.00	0.00		
Corn	0.1, 3, 3	Short Grass	0.06	0.03	0.01	0.05	0.91
		Tall Grass	0.03	0.01	0.00	0.02	0.42
		Broadleaf Plants	0.03	0.02	0.00	0.03	0.51
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.02	0.01	0.00	0.02	0.35
		Granivores	0.00	0.00	0.00		
Cotton	0.1, 5, 3	Short Grass	0.09	0.04	0.01	0.08	1.43
		Tall Grass	0.04	0.02	0.01	0.04	0.65
		Broadleaf Plants	0.05	0.02	0.01	0.05	0.80
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.01	0.09
		Arthropods	0.04	0.02	0.01	0.03	0.56
		Granivores	0.00	0.00	0.00		
Cucurbits	0.1, 3, 7	Short Grass	0.06	0.02	0.01	0.05	0.84
		Tall Grass	0.03	0.01	0.00	0.02	0.39
		Broadleaf Plants	0.03	0.01	0.00	0.03	0.47
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.05
		Arthropods	0.02	0.01	0.00	0.02	0.33
		Granivores	0.00	0.00	0.00		
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	Short Grass	0.04	0.02	0.01	0.04	0.67
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.26
		Granivores	0.00	0.00	0.00		
Dried Peas and Beans	0.1, 1,	Short Grass	0.02	0.01	0.00	0.02	0.32
		Tall Grass	0.01	0.00	0.00	0.01	0.15
		Broadleaf Plants	0.01	0.01	0.00	0.01	0.18
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.02
		Arthropods	0.01	0.00	0.00	0.01	0.13
		Granivores	0.00	0.00	0.00		
Fruits (unspecified)	0.2, 2, 7	Short Grass	0.08	0.04	0.01	0.07	1.20
		Tall Grass	0.04	0.02	0.01	0.03	0.55
		Broadleaf Plants	0.04	0.02	0.01	0.04	0.67
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.07
		Arthropods	0.03	0.01	0.00	0.03	0.47
		Granivores	0.00	0.00	0.00		
Grapes	0.1, 1,	Short Grass	0.02	0.01	0.00	0.02	0.32
		Tall Grass	0.01	0.00	0.00	0.01	0.15
		Broadleaf Plants	0.01	0.01	0.00	0.01	0.18
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.02
		Arthropods	0.01	0.00	0.00	0.01	0.13
		Granivores	0.00	0.00	0.00		

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	0.08	0.04	0.01	0.07	1.24
		Tall Grass	0.04	0.02	0.01	0.03	0.57
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.70
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Hops	0.1, 3, 21	Short Grass	0.04	0.02	0.01	0.04	0.67
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.26
		Granivores	0.00	0.00	0.00		
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	0.09	0.04	0.01	0.08	1.40
		Tall Grass	0.04	0.02	0.01	0.04	0.64
		Broadleaf Plants	0.05	0.02	0.01	0.05	0.79
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.01	0.09
		Arthropods	0.04	0.02	0.01	0.03	0.55
		Granivores	0.00	0.00	0.00		
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Short Grass	0.04	0.02	0.01	0.04	0.60
		Tall Grass	0.02	0.01	0.00	0.02	0.27
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.34
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.23
		Granivores	0.00	0.00	0.00		
Root Crops	0.1, 5, 7	Short Grass	0.08	0.04	0.01	0.07	1.24
		Tall Grass	0.04	0.02	0.01	0.03	0.57
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.70
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Spinach	0.1, 4, 7	Short Grass	0.07	0.03	0.01	0.06	1.05
		Tall Grass	0.03	0.01	0.00	0.03	0.48
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.59
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.07
		Arthropods	0.03	0.01	0.00	0.02	0.41
		Granivores	0.00	0.00	0.00		
Sweet corn	0.1, 2, 3	Short Grass	0.04	0.02	0.01	0.04	0.62
		Tall Grass	0.02	0.01	0.00	0.02	0.28
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.35
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.24
		Granivores	0.00	0.00	0.00		
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	0.09	0.04	0.01	0.08	1.32
		Tall Grass	0.04	0.02	0.01	0.04	0.61
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.74
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
		Arthropods	0.03	0.02	0.00	0.03	0.52
		Granivores	0.00	0.00	0.00		
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	0.06	0.03	0.01	0.06	0.96
		Tall Grass	0.03	0.01	0.00	0.03	0.44
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.54
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.02	0.01	0.00	0.02	0.38
Agricultural Right-of- Ways/ Fencerows/ Hedgerows	0.21, 1,	Short Grass	0.04	0.02	0.01	0.04	0.67
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.26
		Granivores	0.00	0.00	0.00		
Airports/ Landing Fields	0.0096, 1,	Short Grass	0.00	0.00	0.00	0.00	0.03
		Tall Grass	0.00	0.00	0.00	0.00	0.01
		Broadleaf Plants	0.00	0.00	0.00	0.00	0.02
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.00
		Arthropods	0.00	0.00	0.00	0.00	0.01
		Granivores	0.00	0.00	0.00		
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	Short Grass	0.04	0.02	0.01	0.04	0.64
		Tall Grass	0.02	0.01	0.00	0.02	0.29
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.36
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.25
		Granivores	0.00	0.00	0.00		
Farm Premises/Buildings	0.0317, 2, 7	Short Grass	0.01	0.01	0.00	0.01	0.19
		Tall Grass	0.01	0.00	0.00	0.01	0.09
		Broadleaf Plants	0.01	0.00	0.00	0.01	0.11
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.01
		Arthropods	0.00	0.00	0.00	0.00	0.07
		Granivores	0.00	0.00	0.00		
Forest Tree Plantations	0.205, 3, 30	Short Grass	0.08	0.04	0.01	0.07	1.22
		Tall Grass	0.04	0.02	0.01	0.03	0.56
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.69
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	0.04	0.02	0.01	0.04	0.63
		Tall Grass	0.02	0.01	0.00	0.02	0.29
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.35
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.25
		Granivores	0.00	0.00	0.00		
Non-agricultural Uncultivated Areas	0.167, 3, 56	Short Grass	0.05	0.02	0.01	0.05	0.77
		Tall Grass	0.02	0.01	0.00	0.02	0.35
		Broadleaf Plants	0.03	0.01	0.00	0.03	0.43

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.05
		Arthropods	0.02	0.01	0.00	0.02	0.30
		Granivores	0.00	0.00	0.00		
Nursery Stock	0.1, 1,	Short Grass	0.02	0.01	0.00	0.02	0.32
		Tall Grass	0.01	0.00	0.00	0.01	0.15
		Broadleaf Plants	0.01	0.01	0.00	0.01	0.18
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.02
		Arthropods	0.01	0.00	0.00	0.01	0.13
		Granivores	0.00	0.00	0.00		
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	0.20	0.09	0.03	0.18	3.04
		Tall Grass	0.09	0.04	0.01	0.08	1.39
		Broadleaf Plants	0.11	0.05	0.02	0.10	1.71
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.01	0.19
		Arthropods	0.08	0.04	0.01	0.07	1.19
		Granivores	0.00	0.00	0.00		
Ornamental & Shade Trees (2)	0.3, 3, 30	Short Grass	0.12	0.05	0.02	0.10	1.78
		Tall Grass	0.05	0.02	0.01	0.05	0.82
		Broadleaf Plants	0.07	0.03	0.01	0.06	1.00
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.01	0.11
		Arthropods	0.05	0.02	0.01	0.04	0.70
		Granivores	0.00	0.00	0.00		
Ornamental Grasses	0.232, 2, 56	Short Grass	0.07	0.03	0.01	0.06	0.99
		Tall Grass	0.03	0.01	0.00	0.03	0.45
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.56
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.03	0.01	0.00	0.02	0.39
		Granivores	0.00	0.00	0.00		
Pave Area Perimeters	0.38, 1,	Short Grass	0.08	0.04	0.01	0.07	1.22
		Tall Grass	0.04	0.02	0.01	0.03	0.56
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.68
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	Short Grass	0.05	0.02	0.01	0.04	0.74
		Tall Grass	0.02	0.01	0.00	0.02	0.34
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.41
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.05
		Arthropods	0.02	0.01	0.00	0.02	0.29
		Granivores	0.00	0.00	0.00		
Residential Lawns (1)	0.0634, 1,	Short Grass	0.01	0.01	0.00	0.01	0.20
		Tall Grass	0.01	0.00	0.00	0.01	0.09
		Broadleaf Plants	0.01	0.00	0.00	0.01	0.11
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.01
		Arthropods	0.01	0.00	0.00	0.00	0.08
		Granivores	0.00	0.00	0.00		
Residential Lawns	0.06, 2, 56	Short Grass	0.02	0.01	0.00	0.01	0.26

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
(3)		Tall Grass	0.01	0.00	0.00	0.01	0.12
		Broadleaf Plants	0.01	0.00	0.00	0.01	0.14
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.02
		Arthropods	0.01	0.00	0.00	0.01	0.10
		Granivores	0.00	0.00	0.00		
Right of Way (1)	0.021, 1,	Short Grass	0.00	0.00	0.00	0.00	0.07
		Tall Grass	0.00	0.00	0.00	0.00	0.03
		Broadleaf Plants	0.00	0.00	0.00	0.00	0.04
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.00
		Arthropods	0.00	0.00	0.00	0.00	0.03
		Granivores	0.00	0.00	0.00		
Roses	0.1, 5, 7	Short Grass	0.08	0.04	0.01	0.07	1.24
		Tall Grass	0.04	0.02	0.01	0.03	0.57
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.70
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48
		Granivores	0.00	0.00	0.00		
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	0.08	0.04	0.01	0.07	1.20
		Tall Grass	0.04	0.02	0.01	0.03	0.55
		Broadleaf Plants	0.04	0.02	0.01	0.04	0.67
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.07
		Arthropods	0.03	0.01	0.00	0.03	0.47
		Granivores	0.00	0.00	0.00		

RQ values in bold exceed listed species acute or chronic risk LOC of 0.1 or 1.0, respectively

Table 3. T-REX risk quotient (RQ) results for mammals using default foliar half-life of 35 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
Agricultural crops/ soils	0.0832, 3, 21	Short Grass	0.34	0.29	0.15	12.10	10.33	5.54	1.39
		Tall Grass	0.15	0.13	0.07	5.55	4.74	2.54	0.64
		Broadleaf Plants	0.19	0.16	0.09	6.81	5.81	3.12	0.78
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.76	0.65	0.35	0.09
		Arthropods	0.13	0.11	0.06	4.74	4.05	2.17	0.55
		Granivores	0.00	0.00	0.00	0.17	0.14	0.08	
Alfalfa, Clover	0.1, 5, 45	Short Grass	0.32	0.28	0.15	11.63	9.94	5.33	1.34
		Tall Grass	0.15	0.13	0.07	5.33	4.55	2.44	0.61
		Broadleaf Plants	0.18	0.16	0.08	6.54	5.59	3.00	0.75
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.73	0.62	0.33	0.08
		Arthropods	0.13	0.11	0.06	4.56	3.89	2.09	0.53
		Granivores	0.00	0.00	0.00	0.16	0.14	0.07	
Artichokes	0.1, 5, 15	Short Grass	0.58	0.50	0.27	20.89	17.85	9.57	2.41
		Tall Grass	0.27	0.23	0.12	9.58	8.18	4.38	1.10
		Broadleaf Plants	0.33	0.28	0.15	11.75	10.04	5.38	1.35
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.31	1.12	0.60	0.15
		Arthropods	0.23	0.19	0.10	8.18	6.99	3.75	0.94
		Granivores	0.01	0.01	0.00	0.29	0.25	0.13	
Beets, garden beets	0.1, 4, 7	Short Grass	0.64	0.54	0.29	22.82	19.49	10.45	2.63
		Tall Grass	0.29	0.25	0.13	10.46	8.94	4.79	1.21
		Broadleaf Plants	0.36	0.31	0.16	12.84	10.97	5.88	1.48
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.43	1.22	0.65	0.16
		Arthropods	0.25	0.21	0.11	8.94	7.64	4.09	1.03
		Granivores	0.01	0.01	0.00	0.32	0.27	0.15	
Bushberries	0.1, 5, 7	Short Grass	0.75	0.64	0.34	26.81	22.90	12.28	3.09
		Tall Grass	0.34	0.29	0.16	12.29	10.50	5.63	1.42
		Broadleaf Plants	0.42	0.36	0.19	15.08	12.88	6.90	1.74
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.68	1.43	0.77	0.19
		Arthropods	0.29	0.25	0.13	10.50	8.97	4.81	1.21
		Granivores	0.01	0.01	0.00	0.37	0.32	0.17	
Caneberries	0.1, 2, 14	Short Grass	0.34	0.29	0.16	12.20	10.42	5.59	1.41
		Tall Grass	0.16	0.13	0.07	5.59	4.78	2.56	0.64
		Broadleaf Plants	0.19	0.16	0.09	6.86	5.86	3.14	0.79
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.76	0.65	0.35	0.09
		Arthropods	0.13	0.11	0.06	4.78	4.08	2.19	0.55
		Granivores	0.00	0.00	0.00	0.17	0.14	0.08	
Canola, rapeseed,	0.04, 2, 14	Short Grass	0.14	0.12	0.06	4.88	4.17	2.23	0.56

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
crambe		Tall Grass	0.06	0.05	0.03	2.24	1.91	1.02	0.26
		Broadleaf Plants	0.08	0.07	0.04	2.75	2.34	1.26	0.32
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.31	0.26	0.14	0.04
		Arthropods	0.05	0.05	0.02	1.91	1.63	0.88	0.22
		Granivores	0.00	0.00	0.00	0.07	0.06	0.03	
Citrus crops	0.5, 1,	Short Grass	0.97	0.83	0.44	34.70	29.64	15.89	4.00
		Tall Grass	0.44	0.38	0.20	15.91	13.59	7.28	1.83
		Broadleaf Plants	0.54	0.46	0.25	19.52	16.67	8.94	2.25
		Fruits/Pods/Seeds	0.06	0.05	0.03	2.17	1.85	0.99	0.25
		Arthropods	0.38	0.32	0.17	13.59	11.61	6.22	1.57
		Granivores	0.01	0.01	0.01	0.48	0.41	0.22	
Corn	0.1, 3, 3	Short Grass	0.55	0.47	0.25	19.64	16.78	8.99	2.26
		Tall Grass	0.25	0.21	0.11	9.00	7.69	4.12	1.04
		Broadleaf Plants	0.31	0.26	0.14	11.05	9.44	5.06	1.27
		Fruits/Pods/Seeds	0.03	0.03	0.02	1.23	1.05	0.56	0.14
		Arthropods	0.21	0.18	0.10	7.69	6.57	3.52	0.89
		Granivores	0.01	0.01	0.00	0.27	0.23	0.12	
Cotton	0.1, 5, 3	Short Grass	0.86	0.74	0.39	30.92	26.42	14.16	3.56
		Tall Grass	0.40	0.34	0.18	14.17	12.11	6.49	1.63
		Broadleaf Plants	0.48	0.41	0.22	17.40	14.86	7.96	2.00
		Fruits/Pods/Seeds	0.05	0.05	0.02	1.93	1.65	0.88	0.22
		Arthropods	0.34	0.29	0.15	12.11	10.35	5.55	1.40
		Granivores	0.01	0.01	0.01	0.43	0.37	0.20	
Cucurbits:	0.1, 3, 7	Short Grass	0.51	0.43	0.23	18.24	15.58	8.35	2.10
		Tall Grass	0.23	0.20	0.11	8.36	7.14	3.83	0.96
		Broadleaf Plants	0.29	0.24	0.13	10.26	8.77	4.70	1.18
		Fruits/Pods/Seeds	0.03	0.03	0.01	1.14	0.97	0.52	0.13
		Arthropods	0.20	0.17	0.09	7.15	6.10	3.27	0.82
		Granivores	0.01	0.01	0.00	0.25	0.22	0.12	
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	Short Grass	0.41	0.35	0.19	14.58	12.45	6.67	1.68
		Tall Grass	0.19	0.16	0.09	6.68	5.71	3.06	0.77
		Broadleaf Plants	0.23	0.20	0.10	8.20	7.00	3.75	0.95
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.91	0.78	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.71	4.88	2.61	0.66
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Dried Peas and Beans	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Fruits (unspecified)	0.2, 2, 7	Short Grass	0.72	0.62	0.33	25.97	22.18	11.89	2.99
		Tall Grass	0.33	0.28	0.15	11.90	10.17	5.45	1.37
		Broadleaf Plants	0.41	0.35	0.19	14.61	12.48	6.69	1.68
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.62	1.39	0.74	0.19
		Arthropods	0.28	0.24	0.13	10.17	8.69	4.66	1.17
		Granivores	0.01	0.01	0.00	0.36	0.31	0.17	
Grapes	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	0.75	0.64	0.34	26.81	22.90	12.28	3.09
		Tall Grass	0.34	0.29	0.16	12.29	10.50	5.63	1.42
		Broadleaf Plants	0.42	0.36	0.19	15.08	12.88	6.90	1.74
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.68	1.43	0.77	0.19
		Arthropods	0.29	0.25	0.13	10.50	8.97	4.81	1.21
		Granivores	0.01	0.01	0.00	0.37	0.32	0.17	
Hops	0.1, 3, 21	Short Grass	0.41	0.35	0.19	14.54	12.42	6.66	1.68
		Tall Grass	0.19	0.16	0.09	6.66	5.69	3.05	0.77
		Broadleaf Plants	0.23	0.19	0.10	8.18	6.99	3.75	0.94
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.91	0.78	0.42	0.10
		Arthropods	0.16	0.14	0.07	5.70	4.86	2.61	0.66
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	0.85	0.73	0.39	30.47	26.02	13.95	3.51
		Tall Grass	0.39	0.33	0.18	13.96	11.93	6.39	1.61
		Broadleaf Plants	0.48	0.41	0.22	17.14	14.64	7.85	1.98
		Fruits/Pods/Seeds	0.05	0.05	0.02	1.90	1.63	0.87	0.22
		Arthropods	0.33	0.28	0.15	11.93	10.19	5.46	1.38
		Granivores	0.01	0.01	0.01	0.42	0.36	0.19	
Peppers, Succulent Peans and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Short Grass	0.36	0.31	0.17	12.98	11.09	5.94	1.50
		Tall Grass	0.17	0.14	0.08	5.95	5.08	2.72	0.69
		Broadleaf Plants	0.20	0.17	0.09	7.30	6.24	3.34	0.84
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.81	0.69	0.37	0.09
		Arthropods	0.14	0.12	0.06	5.09	4.34	2.33	0.59
		Granivores	0.01	0.00	0.00	0.18	0.15	0.08	
Root Crops	0.1, 5, 7	Short Grass	0.75	0.64	0.34	26.81	22.90	12.28	3.09

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Tall Grass	0.34	0.29	0.16	12.29	10.50	5.63	1.42
		Broadleaf Plants	0.42	0.36	0.19	15.08	12.88	6.90	1.74
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.68	1.43	0.77	0.19
		Arthropods	0.29	0.25	0.13	10.50	8.97	4.81	1.21
		Granivores	0.01	0.01	0.00	0.37	0.32	0.17	
Spinach	0.1, 4, 7	Short Grass	0.64	0.54	0.29	22.82	19.49	10.45	2.63
		Tall Grass	0.29	0.25	0.13	10.46	8.94	4.79	1.21
		Broadleaf Plants	0.36	0.31	0.16	12.84	10.97	5.88	1.48
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.43	1.22	0.65	0.16
		Arthropods	0.25	0.21	0.11	8.94	7.64	4.09	1.03
		Granivores	0.01	0.01	0.00	0.32	0.27	0.15	
Sweet corn	0.1, 2, 3	Short Grass	0.38	0.32	0.17	13.48	11.52	6.17	1.55
		Tall Grass	0.17	0.15	0.08	6.18	5.28	2.83	0.71
		Broadleaf Plants	0.21	0.18	0.10	7.58	6.48	3.47	0.87
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.84	0.72	0.39	0.10
		Arthropods	0.15	0.13	0.07	5.28	4.51	2.42	0.61
		Granivores	0.01	0.00	0.00	0.19	0.16	0.09	
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	0.80	0.68	0.37	28.67	24.49	13.13	3.30
		Tall Grass	0.37	0.31	0.17	13.14	11.23	6.02	1.51
		Broadleaf Plants	0.45	0.38	0.21	16.13	13.78	7.38	1.86
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.79	1.53	0.82	0.21
		Arthropods	0.31	0.27	0.14	11.23	9.59	5.14	1.29
		Granivores	0.01	0.01	0.01	0.40	0.34	0.18	
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	Short Grass	0.41	0.35	0.19	14.58	12.45	6.67	1.68
		Tall Grass	0.19	0.16	0.09	6.68	5.71	3.06	0.77
		Broadleaf Plants	0.23	0.20	0.10	8.20	7.00	3.75	0.95
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.91	0.78	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.71	4.88	2.61	0.66
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Airports/ Landing Fields	0.0096, 1,	Short Grass	0.02	0.02	0.01	0.67	0.57	0.31	0.08
		Tall Grass	0.01	0.01	0.00	0.31	0.26	0.14	0.04
		Broadleaf Plants	0.01	0.01	0.00	0.37	0.32	0.17	0.04
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.04	0.04	0.02	0.00
		Arthropods	0.01	0.01	0.00	0.26	0.22	0.12	0.03
		Granivores	0.00	0.00	0.00	0.01	0.01	0.00	
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	Short Grass	0.39	0.33	0.18	13.88	11.86	6.36	1.60
		Tall Grass	0.18	0.15	0.08	6.36	5.43	2.91	0.73
		Broadleaf Plants	0.22	0.19	0.10	7.81	6.67	3.58	0.90
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.87	0.74	0.40	0.10

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.15	0.13	0.07	5.44	4.64	2.49	0.63
		Granivores	0.01	0.00	0.00	0.19	0.16	0.09	
Farm Premises/Buildings	0.0317, 2, 7	Short Grass	0.11	0.10	0.05	4.12	3.52	1.88	0.47
		Tall Grass	0.05	0.04	0.02	1.89	1.61	0.86	0.22
		Broadleaf Plants	0.06	0.06	0.03	2.32	1.98	1.06	0.27
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.26	0.22	0.12	0.03
		Arthropods	0.04	0.04	0.02	1.61	1.38	0.74	0.19
		Granivores	0.00	0.00	0.00	0.06	0.05	0.03	
Forest Tree Plantations	0.205, 3, 30	Short Grass	0.74	0.63	0.34	26.42	22.57	12.10	3.05
		Tall Grass	0.34	0.29	0.15	12.11	10.34	5.54	1.40
		Broadleaf Plants	0.41	0.35	0.19	14.86	12.69	6.80	1.71
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.65	1.41	0.76	0.19
		Arthropods	0.29	0.25	0.13	10.35	8.84	4.74	1.19
		Granivores	0.01	0.01	0.00	0.37	0.31	0.17	
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	0.38	0.32	0.17	13.64	11.65	6.24	1.57
		Tall Grass	0.17	0.15	0.08	6.25	5.34	2.86	0.72
		Broadleaf Plants	0.21	0.18	0.10	7.67	6.55	3.51	0.88
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.85	0.73	0.39	0.10
		Arthropods	0.15	0.13	0.07	5.34	4.56	2.45	0.62
		Granivores	0.01	0.00	0.00	0.19	0.16	0.09	
Non-agricultural Uncultivated Areas	0.167, 3, 56	Short Grass	0.46	0.40	0.21	16.68	14.24	7.64	1.92
		Tall Grass	0.21	0.18	0.10	7.64	6.53	3.50	0.88
		Broadleaf Plants	0.26	0.22	0.12	9.38	8.01	4.30	1.08
		Fruits/Pods/Seeds	0.03	0.02	0.01	1.04	0.89	0.48	0.12
		Arthropods	0.18	0.16	0.08	6.53	5.58	2.99	0.75
		Granivores	0.01	0.01	0.00	0.23	0.20	0.11	
Nursery Stock	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	1.84	1.57	0.84	65.94	56.32	30.19	7.60
		Tall Grass	0.84	0.72	0.39	30.22	25.82	13.84	3.48
		Broadleaf Plants	1.03	0.88	0.47	37.09	31.68	16.98	4.28
		Fruits/Pods/Seeds	0.11	0.10	0.05	4.12	3.52	1.89	0.48
		Arthropods	0.72	0.62	0.33	25.83	22.06	11.83	2.98
		Granivores	0.03	0.02	0.01	0.92	0.78	0.42	
Ornamental &	0.3, 3, 30	Short Grass	1.08	0.92	0.49	38.66	33.03	17.70	4.46

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
Shade Trees (2)		Tall Grass	0.49	0.42	0.23	17.72	15.14	8.11	2.04
		Broadleaf Plants	0.61	0.52	0.28	21.75	18.58	9.96	2.51
		Fruits/Pods/Seeds	0.07	0.06	0.03	2.42	2.06	1.11	0.28
		Arthropods	0.42	0.36	0.19	15.14	12.94	6.93	1.75
		Granivores	0.01	0.01	0.01	0.54	0.46	0.25	
Ornamental Grasses	0.232, 2, 56	Short Grass	0.60	0.51	0.27	21.41	18.29	9.81	2.47
		Tall Grass	0.27	0.23	0.13	9.82	8.38	4.49	1.13
		Broadleaf Plants	0.34	0.29	0.15	12.05	10.29	5.52	1.39
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.34	1.14	0.61	0.15
		Arthropods	0.23	0.20	0.11	8.39	7.16	3.84	0.97
		Granivores	0.01	0.01	0.00	0.30	0.25	0.14	
Pave Area Perimeters	0.38, 1,	Short Grass	0.74	0.63	0.34	26.38	22.53	12.08	3.04
		Tall Grass	0.34	0.29	0.15	12.09	10.33	5.54	1.39
		Broadleaf Plants	0.41	0.35	0.19	14.84	12.67	6.79	1.71
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.65	1.41	0.75	0.19
		Arthropods	0.29	0.25	0.13	10.33	8.82	4.73	1.19
		Granivores	0.01	0.01	0.00	0.37	0.31	0.17	
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	Short Grass	0.45	0.38	0.20	15.96	13.64	7.31	1.84
		Tall Grass	0.20	0.17	0.09	7.32	6.25	3.35	0.84
		Broadleaf Plants	0.25	0.21	0.11	8.98	7.67	4.11	1.04
		Fruits/Pods/Seeds	0.03	0.02	0.01	1.00	0.85	0.46	0.12
		Arthropods	0.17	0.15	0.08	6.25	5.34	2.86	0.72
		Granivores	0.01	0.01	0.00	0.22	0.19	0.10	
Residential Lawns (1)	0.0634, 1,	Short Grass	0.12	0.10	0.06	4.40	3.76	2.01	0.51
		Tall Grass	0.06	0.05	0.03	2.02	1.72	0.92	0.23
		Broadleaf Plants	0.07	0.06	0.03	2.48	2.11	1.13	0.29
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.28	0.23	0.13	0.03
		Arthropods	0.05	0.04	0.02	1.72	1.47	0.79	0.20
		Granivores	0.00	0.00	0.00	0.06	0.05	0.03	
Residential Lawns (3)	0.06, 2, 56	Short Grass	0.15	0.13	0.07	5.54	4.73	2.54	0.64
		Tall Grass	0.07	0.06	0.03	2.54	2.17	1.16	0.29
		Broadleaf Plants	0.09	0.07	0.04	3.12	2.66	1.43	0.36
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.35	0.30	0.16	0.04
		Arthropods	0.06	0.05	0.03	2.17	1.85	0.99	0.25
		Granivores	0.00	0.00	0.00	0.08	0.07	0.04	
Right of Way (1)	0.021, 1,	Short Grass	0.04	0.03	0.02	1.46	1.25	0.67	0.17
		Tall Grass	0.02	0.02	0.01	0.67	0.57	0.31	0.08
		Broadleaf Plants	0.02	0.02	0.01	0.82	0.70	0.38	0.09
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.09	0.08	0.04	0.01

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.02	0.01	0.01	0.57	0.49	0.26	0.07
		Granivores	0.00	0.00	0.00	0.02	0.02	0.01	
Roses	0.1, 5, 7	Short Grass	0.75	0.64	0.34	26.81	22.90	12.28	3.09
		Tall Grass	0.34	0.29	0.16	12.29	10.50	5.63	1.42
		Broadleaf Plants	0.42	0.36	0.19	15.08	12.88	6.90	1.74
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.68	1.43	0.77	0.19
		Arthropods	0.29	0.25	0.13	10.50	8.97	4.81	1.21
		Granivores	0.01	0.01	0.00	0.37	0.32	0.17	
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	0.72	0.62	0.33	25.97	22.18	11.89	2.99
		Tall Grass	0.33	0.28	0.15	11.90	10.17	5.45	1.37
		Broadleaf Plants	0.41	0.35	0.19	14.61	12.48	6.69	1.68
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.62	1.39	0.74	0.19
		Arthropods	0.28	0.24	0.13	10.17	8.69	4.66	1.17
		Granivores	0.01	0.01	0.00	0.36	0.31	0.17	
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	0.58	0.50	0.27	20.82	17.79	9.53	2.40
		Tall Grass	0.27	0.23	0.12	9.54	8.15	4.37	1.10
		Broadleaf Plants	0.33	0.28	0.15	11.71	10.00	5.36	1.35
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.30	1.11	0.60	0.15
		Arthropods	0.23	0.19	0.10	8.16	6.97	3.73	0.94
		Granivores	0.01	0.01	0.00	0.29	0.25	0.13	

Table 4. Risk quotients for terrestrial invertebrates calculated using default foliar dissipation half life of 35 days.

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Invertebrate RQs
Agricultural crops/ soils	0.0832, 3, 21	149.0
Alfalfa, Clover	0.1, 5, 45	143.2
Artichokes	0.1, 5, 15	257.2
Beets, garden beets	0.1, 4, 7	281.0
Bushberries	0.1, 5, 7	330.1
Caneberries	0.1, 2, 14	150.2
Canola, rapeseed, crambe	0.04, 2, 14	60.1
Citrus crops	0.5, 1,	427.3
Corn	0.1, 3, 3	241.9
Cotton	0.1, 5, 3	380.7
Cucurbits:	0.1, 3, 7	224.6
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	179.5
Dried Peas and Beans	0.1, 1,	85.5
Fruits (unspecified)	0.2, 2, 7	319.7
Grapes	0.1, 1,	85.5
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	330.1
Hops	0.1, 3, 21	179.0
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	375.1
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	159.8
Root Crops	0.1, 5, 7	330.1
Spinach	0.1, 4, 7	281.0
Sweet corn	0.1, 2, 3	166.0
Tree Nut Crops (1)	0.18, 3, 15	353.0
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	179.5
Airports/ Landing Fields	0.0096, 1,	8.2
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	170.9
Farm Premises/Buildings	0.0317, 2, 7	50.7
Forest Tree Plantations	0.205, 3, 30	325.3
Forest Trees - unspecified, softwoods	0.1058, 3, 30	167.9
Non-agricultural Uncultivated Areas	0.167, 3, 56	205.3
Nursery Stock	0.1, 1,	85.5
Ornamental & Shade Trees (1)	0.95, 1,	811.8
Ornamental & Shade Trees (2)	0.3, 3, 30	476.0
Ornamental Grasses	0.232, 2, 56	263.7
Pave Area Perimeters	0.38, 1,	324.7
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	196.5
Residential Lawns (1)	0.0634, 1,	54.2
Residential Lawns (3)	0.06, 2, 56	68.2

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Invertebrate RQs
Right of Way (1)	0.021, 1,	17.9
Roses	0.1, 5, 7	330.1
Sod farms, ornamental sod farms	0.2, 2, 7	319.7
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	256.4

T-REX Results Using Pyrethroid-Specific Foliar Dissipation Half Life of 8.3 days

Alternative Foliar dissipation half-lives for pyrethroids from Willis & McDowell (1987)

The default half-life is 35 days. If there are exceedances of mammalian or bird RQs, then these half-lives can be used for characterization purposes.

The resulting input value is **8.3 days**.

Data included only half-lives for total residue (T) and did not include the dislodgeable residue half-lives (D) from Willis & McDowell (1987). No pyrethroid was excluded.

Pyrethroid	Foliar dissipation half-lives (days)
Cypermethrin	4.8; 7.9
Deltamethrin	4.1; 7.7; 7.7
Fenvalerate	14.0; 8.0; 14
Permethrin	6.3; 12.6; 13.9
Phenothrin	<1; <1 (assumed to be 1 day in both cases)
Tralocythrin	0.8
Tralomethrin	0.3; 0.8
n	16
Mean (n = 16)	6.55625 days
Standard deviation	5.060431 days
$t_{90,n-1}$ = one-sided Student's t value at $\alpha = 0.1$	1.3406
t_{input}	$t_{\text{input}} = \overline{t}_{1/2} + \frac{t_{90,n-1}S}{\sqrt{n}} = \mathbf{8.3 \text{ days}}$

Tralocythrin is a Type II pyrethroid (cyano substituted) approved for use in other countries (see the following accessed 10/19/12: <http://www.alanwood.net/pesticides/tralocythrin.html>).

Student's t value at <http://www.danielsoper.com/statcalc3/calc.aspx?id=10>, calculated for 15 degrees of freedom (n-1) and a probability level of 0.1.

Reference:

Willis, G.H. and L.L. McDowell. 1987. Pesticide persistence on foliage. Reviews of Environmental Contamination and Toxicology. Vol. 100 (1987), pp. 23-73.

Table 5. T-REX estimated environmental concentration (EEC) results for birds and mammals using a pyrethroid-specific foliar half-life of 8.3 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
Agricultural crops/ soils	0.0832, 3, 21	Short Grass	27.36	15.60	6.99	22.90	15.83	3.67	24.02
		Tall Grass	12.54	7.15	3.20	10.50	7.26	1.68	11.01
		Broadleaf Plants	15.39	8.78	3.93	12.88	8.90	2.06	13.51
		Fruits/Pods/Seeds	1.71	0.98	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.72	6.11	2.74	8.97	6.20	1.44	9.41
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Alfalfa, Clover	0.1, 5, 45	Short Grass	27.99	15.96	7.15	23.43	16.19	3.75	24.57
		Tall Grass	12.83	7.31	3.27	10.74	7.42	1.72	11.26
		Broadleaf Plants	15.74	8.98	4.02	13.18	9.11	2.11	13.82
		Fruits/Pods/Seeds	1.75	1.00	0.45	1.46	1.01	0.23	1.54
		Arthropods	10.96	6.25	2.80	9.18	6.34	1.47	9.62
		Granivores	0.39	0.22	0.10	0.33	0.22	0.05	
Artichokes	0.1, 5, 15	Short Grass	38.20	21.78	9.75	31.98	22.10	5.12	33.54
		Tall Grass	17.51	9.98	4.47	14.66	10.13	2.35	15.37
		Broadleaf Plants	21.48	12.25	5.49	17.99	12.43	2.88	18.86
		Fruits/Pods/Seeds	2.39	1.36	0.61	2.00	1.38	0.32	2.10
		Arthropods	14.96	8.53	3.82	12.52	8.66	2.01	13.14
		Granivores	0.53	0.30	0.14	0.44	0.31	0.07	
Beets, garden beets	0.1, 4, 7	Short Grass	55.79	31.81	14.24	46.70	32.28	7.48	48.99
		Tall Grass	25.57	14.58	6.53	21.41	14.79	3.43	22.45
		Broadleaf Plants	31.38	17.90	8.01	26.27	18.16	4.21	27.55
		Fruits/Pods/Seeds	3.49	1.99	0.89	2.92	2.02	0.47	3.06
		Arthropods	21.85	12.46	5.58	18.29	12.64	2.93	19.19
		Granivores	0.77	0.44	0.20	0.65	0.45	0.10	
Bushberries	0.1, 5, 7	Short Grass	58.43	33.32	14.92	48.91	33.81	7.84	51.30
		Tall Grass	26.78	15.27	6.84	22.42	15.49	3.59	23.51
		Broadleaf Plants	32.87	18.74	8.39	27.51	19.02	4.41	28.86
		Fruits/Pods/Seeds	3.65	2.08	0.93	3.06	2.11	0.49	3.21
		Arthropods	22.88	13.05	5.84	19.16	13.24	3.07	20.09
		Granivores	0.81	0.46	0.21	0.68	0.47	0.11	
Caneberries	0.1, 2, 14	Short Grass	35.82	20.43	9.15	29.99	20.73	4.81	31.46
		Tall Grass	16.42	9.36	4.19	13.75	9.50	2.20	14.42
		Broadleaf Plants	20.15	11.49	5.14	16.87	11.66	2.70	17.69
		Fruits/Pods/Seeds	2.24	1.28	0.57	1.87	1.30	0.30	1.97
		Arthropods	14.03	8.00	3.58	11.75	8.12	1.88	12.32
		Granivores	0.50	0.28	0.13	0.42	0.29	0.07	
Canola, rapeseed, crambe	0.04, 2, 14	Short Grass	14.33	8.17	3.66	12.00	8.29	1.92	12.58
		Tall Grass	6.57	3.75	1.68	5.50	3.80	0.88	5.77
		Broadleaf Plants	8.06	4.60	2.06	6.75	4.66	1.08	7.08
		Fruits/Pods/Seeds	0.90	0.51	0.23	0.75	0.52	0.12	0.79
		Arthropods	5.61	3.20	1.43	4.70	3.25	0.75	4.93
		Granivores	0.20	0.11	0.05	0.17	0.12	0.03	
Citrus crops	0.5, 1,	Short Grass	136.67	77.93	34.89	114.41	79.07	18.33	120.00

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet- Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Tall Grass	62.64	35.72	15.99	52.44	36.24	8.40	55.00
		Broadleaf Plants	76.88	43.84	19.63	64.36	44.48	10.31	67.50
		Fruits/Pods/Seeds	8.54	4.87	2.18	7.15	4.94	1.15	7.50
		Arthropods	53.53	30.52	13.67	44.81	30.97	7.18	47.00
		Granivores	1.90	1.08	0.48	1.59	1.10	0.25	
Corn	0.1, 3, 3	Short Grass	65.17	37.16	16.64	54.56	37.71	8.74	57.22
		Tall Grass	29.87	17.03	7.63	25.01	17.28	4.01	26.23
		Broadleaf Plants	36.66	20.90	9.36	30.69	21.21	4.92	32.19
		Fruits/Pods/Seeds	4.07	2.32	1.04	3.41	2.36	0.55	3.58
		Arthropods	25.53	14.56	6.52	21.37	14.77	3.42	22.41
		Granivores	0.91	0.52	0.23	0.76	0.52	0.12	
Cotton	0.1, 5, 3	Short Grass	88.10	50.24	22.49	73.75	50.97	11.82	77.35
		Tall Grass	40.38	23.02	10.31	33.80	23.36	5.42	35.45
		Broadleaf Plants	49.55	28.26	12.65	41.48	28.67	6.65	43.51
		Fruits/Pods/Seeds	5.51	3.14	1.41	4.61	3.19	0.74	4.83
		Arthropods	34.50	19.68	8.81	28.88	19.96	4.63	30.30
		Granivores	1.22	0.70	0.31	1.02	0.71	0.16	
Cucurbits:	0.1, 3, 7	Short Grass	51.06	29.12	13.04	42.74	29.54	6.85	44.83
		Tall Grass	23.40	13.34	5.97	19.59	13.54	3.14	20.55
		Broadleaf Plants	28.72	16.38	7.33	24.04	16.62	3.85	25.22
		Fruits/Pods/Seeds	3.19	1.82	0.81	2.67	1.85	0.43	2.80
		Arthropods	20.00	11.40	5.11	16.74	11.57	2.68	17.56
		Granivores	0.71	0.40	0.18	0.59	0.41	0.10	
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	Short Grass	57.40	32.73	14.65	48.05	33.21	7.70	50.40
		Tall Grass	26.31	15.00	6.72	22.02	15.22	3.53	23.10
		Broadleaf Plants	32.29	18.41	8.24	27.03	18.68	4.33	28.35
		Fruits/Pods/Seeds	3.59	2.05	0.92	3.00	2.08	0.48	3.15
		Arthropods	22.48	12.82	5.74	18.82	13.01	3.02	19.74
		Granivores	0.80	0.45	0.20	0.67	0.46	0.11	
Dried Peas and Beans	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Fruits (unspecified)	0.2, 2, 7	Short Grass	85.14	48.55	21.74	71.27	49.26	11.42	74.75
		Tall Grass	39.02	22.25	9.96	32.67	22.58	5.23	34.26
		Broadleaf Plants	47.89	27.31	12.23	40.09	27.71	6.42	42.05
		Fruits/Pods/Seeds	5.32	3.03	1.36	4.45	3.08	0.71	4.67
		Arthropods	33.34	19.01	8.51	27.91	19.29	4.47	29.28
		Granivores	1.18	0.67	0.30	0.99	0.68	0.16	
Grapes	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	58.43	33.32	14.92	48.91	33.81	7.84	51.30
		Tall Grass	26.78	15.27	6.84	22.42	15.49	3.59	23.51
		Broadleaf Plants	32.87	18.74	8.39	27.51	19.02	4.41	28.86
		Fruits/Pods/Seeds	3.65	2.08	0.93	3.06	2.11	0.49	3.21
		Arthropods	22.88	13.05	5.84	19.16	13.24	3.07	20.09
		Granivores	0.81	0.46	0.21	0.68	0.47	0.11	
Hops	0.1, 3, 21	Short Grass	32.88	18.75	8.40	27.53	19.03	4.41	28.87
		Tall Grass	15.07	8.59	3.85	12.62	8.72	2.02	13.23
		Broadleaf Plants	18.50	10.55	4.72	15.49	10.70	2.48	16.24
		Fruits/Pods/Seeds	2.06	1.17	0.52	1.72	1.19	0.28	1.80
		Arthropods	12.88	7.34	3.29	10.78	7.45	1.73	11.31
		Granivores	0.46	0.26	0.12	0.38	0.26	0.06	
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	85.27	48.62	21.77	71.38	49.33	11.44	74.87
		Tall Grass	39.08	22.29	9.98	32.72	22.61	5.24	34.31
		Broadleaf Plants	47.96	27.35	12.25	40.15	27.75	6.43	42.11
		Fruits/Pods/Seeds	5.33	3.04	1.36	4.46	3.08	0.71	4.68
		Arthropods	33.40	19.04	8.53	27.96	19.32	4.48	29.32
		Granivores	1.18	0.68	0.30	0.99	0.69	0.16	
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Short Grass	42.57	24.27	10.87	35.64	24.63	5.71	37.38
		Tall Grass	19.51	11.13	4.98	16.33	11.29	2.62	17.13
		Broadleaf Plants	23.94	13.65	6.11	20.04	13.85	3.21	21.02
		Fruits/Pods/Seeds	2.66	1.52	0.68	2.23	1.54	0.36	2.34
		Arthropods	16.67	9.51	4.26	13.96	9.65	2.24	14.64
		Granivores	0.59	0.34	0.15	0.49	0.34	0.08	
Root Crops	0.1, 5, 7	Short Grass	58.43	33.32	14.92	48.91	33.81	7.84	51.30
		Tall Grass	26.78	15.27	6.84	22.42	15.49	3.59	23.51
		Broadleaf Plants	32.87	18.74	8.39	27.51	19.02	4.41	28.86
		Fruits/Pods/Seeds	3.65	2.08	0.93	3.06	2.11	0.49	3.21
		Arthropods	22.88	13.05	5.84	19.16	13.24	3.07	20.09
		Granivores	0.81	0.46	0.21	0.68	0.47	0.11	
Spinach	0.1, 4, 7	Short Grass	55.79	31.81	14.24	46.70	32.28	7.48	48.99
		Tall Grass	25.57	14.58	6.53	21.41	14.79	3.43	22.45
		Broadleaf Plants	31.38	17.90	8.01	26.27	18.16	4.21	27.55
		Fruits/Pods/Seeds	3.49	1.99	0.89	2.92	2.02	0.47	3.06
		Arthropods	21.85	12.46	5.58	18.29	12.64	2.93	19.19
		Granivores	0.77	0.44	0.20	0.65	0.45	0.10	
Sweet corn	0.1, 2, 3	Short Grass	48.61	27.72	12.41	40.69	28.12	6.52	42.68
		Tall Grass	22.28	12.70	5.69	18.65	12.89	2.99	19.56
		Broadleaf Plants	27.34	15.59	6.98	22.89	15.82	3.67	24.01
		Fruits/Pods/Seeds	3.04	1.73	0.78	2.54	1.76	0.41	2.67
		Arthropods	19.04	10.86	4.86	15.94	11.02	2.55	16.72
		Granivores	0.68	0.38	0.17	0.57	0.39	0.09	
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	67.28	38.36	17.18	56.32	38.92	9.02	59.07
		Tall Grass	30.83	17.58	7.87	25.81	17.84	4.14	27.07

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet-Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Broadleaf Plants	37.84	21.58	9.66	31.68	21.90	5.08	33.23
		Fruits/Pods/Seeds	4.20	2.40	1.07	3.52	2.43	0.56	3.69
		Arthropods	26.35	15.03	6.73	22.06	15.25	3.53	23.14
		Granivores	0.93	0.53	0.24	0.78	0.54	0.13	
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	Short Grass	57.40	32.73	14.65	48.05	33.21	7.70	50.40
		Tall Grass	26.31	15.00	6.72	22.02	15.22	3.53	23.10
		Broadleaf Plants	32.29	18.41	8.24	27.03	18.68	4.33	28.35
		Fruits/Pods/Seeds	3.59	2.05	0.92	3.00	2.08	0.48	3.15
		Arthropods	22.48	12.82	5.74	18.82	13.01	3.02	19.74
		Granivores	0.80	0.45	0.20	0.67	0.46	0.11	
Airports/ Landing Fields	0.0096, 1,	Short Grass	2.62	1.50	0.67	2.20	1.52	0.35	2.30
		Tall Grass	1.20	0.69	0.31	1.01	0.70	0.16	1.06
		Broadleaf Plants	1.48	0.84	0.38	1.24	0.85	0.20	1.30
		Fruits/Pods/Seeds	0.16	0.09	0.04	0.14	0.09	0.02	0.14
		Arthropods	1.03	0.59	0.26	0.86	0.59	0.14	0.90
		Granivores	0.04	0.02	0.01	0.03	0.02	0.00	
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	Short Grass	54.67	31.17	13.96	45.76	31.63	7.33	48.00
		Tall Grass	25.06	14.29	6.40	20.98	14.50	3.36	22.00
		Broadleaf Plants	30.75	17.54	7.85	25.74	17.79	4.13	27.00
		Fruits/Pods/Seeds	3.42	1.95	0.87	2.86	1.98	0.46	3.00
		Arthropods	21.41	12.21	5.47	17.92	12.39	2.87	18.80
		Granivores	0.76	0.43	0.19	0.64	0.44	0.10	
Farm Premises/Buildings	0.0317, 2, 7	Short Grass	13.49	7.69	3.45	11.30	7.81	1.81	11.85
		Tall Grass	6.18	3.53	1.58	5.18	3.58	0.83	5.43
		Broadleaf Plants	7.59	4.33	1.94	6.35	4.39	1.02	6.66
		Fruits/Pods/Seeds	0.84	0.48	0.22	0.71	0.49	0.11	0.74
		Arthropods	5.29	3.01	1.35	4.42	3.06	0.71	4.64
		Granivores	0.19	0.11	0.05	0.16	0.11	0.03	
Forest Tree Plantations	0.205, 3, 30	Short Grass	60.98	34.77	15.57	51.05	35.28	8.18	53.55
		Tall Grass	27.95	15.94	7.14	23.40	16.17	3.75	24.54
		Broadleaf Plants	34.30	19.56	8.76	28.72	19.85	4.60	30.12
		Fruits/Pods/Seeds	3.81	2.17	0.97	3.19	2.21	0.51	3.35
		Arthropods	23.88	13.62	6.10	19.99	13.82	3.20	20.97
		Granivores	0.85	0.48	0.22	0.71	0.49	0.11	
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	31.47	17.95	8.04	26.35	18.21	4.22	27.63
		Tall Grass	14.43	8.23	3.68	12.08	8.35	1.94	12.67
		Broadleaf Plants	17.70	10.10	4.52	14.82	10.24	2.37	15.54
		Fruits/Pods/Seeds	1.97	1.12	0.50	1.65	1.14	0.26	1.73
		Arthropods	12.33	7.03	3.15	10.32	7.13	1.65	10.82
		Granivores	0.44	0.25	0.11	0.37	0.25	0.06	
Non-agricultural Uncultivated Areas	0.167, 3, 56	Short Grass	46.08	26.27	11.76	38.57	26.66	6.18	40.46
		Tall Grass	21.12	12.04	5.39	17.68	12.22	2.83	18.54
		Broadleaf Plants	25.92	14.78	6.62	21.70	15.00	3.48	22.76
		Fruits/Pods/Seeds	2.88	1.64	0.74	2.41	1.67	0.39	2.53
		Arthropods	18.05	10.29	4.61	15.11	10.44	2.42	15.85
		Granivores	0.64	0.36	0.16	0.54	0.37	0.09	

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet- Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
Nursery Stock	0.1, 1,	Short Grass	27.33	15.59	6.98	22.88	15.81	3.67	24.00
		Tall Grass	12.53	7.14	3.20	10.49	7.25	1.68	11.00
		Broadleaf Plants	15.38	8.77	3.93	12.87	8.90	2.06	13.50
		Fruits/Pods/Seeds	1.71	0.97	0.44	1.43	0.99	0.23	1.50
		Arthropods	10.71	6.10	2.73	8.96	6.19	1.44	9.40
		Granivores	0.38	0.22	0.10	0.32	0.22	0.05	
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	259.67	148.07	66.29	217.38	150.24	34.83	228.00
		Tall Grass	119.02	67.87	30.39	99.63	68.86	15.97	104.50
		Broadleaf Plants	146.06	83.29	37.29	122.28	84.51	19.59	128.25
		Fruits/Pods/Seeds	16.23	9.25	4.14	13.59	9.39	2.18	14.25
		Arthropods	101.70	58.00	25.97	85.14	58.84	13.64	89.30
		Granivores	3.61	2.06	0.92	3.02	2.09	0.48	
Ornamental & Shade Trees (2)	0.3, 3, 30	Short Grass	89.24	50.89	22.78	74.71	51.63	11.97	78.36
		Tall Grass	40.90	23.32	10.44	34.24	23.67	5.49	35.91
		Broadleaf Plants	50.20	28.63	12.82	42.02	29.04	6.73	44.08
		Fruits/Pods/Seeds	5.58	3.18	1.42	4.67	3.23	0.75	4.90
		Arthropods	34.95	19.93	8.92	29.26	20.22	4.69	30.69
		Granivores	1.24	0.71	0.32	1.04	0.72	0.17	
Ornamental Grasses	0.232, 2, 56	Short Grass	64.00	36.50	16.34	53.58	37.03	8.59	56.20
		Tall Grass	29.34	16.73	7.49	24.56	16.97	3.94	25.76
		Broadleaf Plants	36.00	20.53	9.19	30.14	20.83	4.83	31.61
		Fruits/Pods/Seeds	4.00	2.28	1.02	3.35	2.31	0.54	3.51
		Arthropods	25.07	14.30	6.40	20.99	14.50	3.36	22.01
		Granivores	0.89	0.51	0.23	0.74	0.51	0.12	
Pave Area Perimeters	0.38, 1,	Short Grass	103.87	59.23	26.52	86.95	60.10	13.93	91.20
		Tall Grass	47.61	27.15	12.15	39.85	27.54	6.39	41.80
		Broadleaf Plants	58.43	33.32	14.92	48.91	33.80	7.84	51.30
		Fruits/Pods/Seeds	6.49	3.70	1.66	5.43	3.76	0.87	5.70
		Arthropods	40.68	23.20	10.39	34.06	23.54	5.46	35.72
		Granivores	1.44	0.82	0.37	1.21	0.83	0.19	
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	Short Grass	62.87	35.85	16.05	52.63	36.37	8.43	55.20
		Tall Grass	28.81	16.43	7.36	24.12	16.67	3.87	25.30
		Broadleaf Plants	35.36	20.17	9.03	29.60	20.46	4.74	31.05
		Fruits/Pods/Seeds	3.93	2.24	1.00	3.29	2.27	0.53	3.45
		Arthropods	24.62	14.04	6.29	20.61	14.25	3.30	21.62
		Granivores	0.87	0.50	0.22	0.73	0.51	0.12	
Residential Lawns (1)	0.0634, 1,	Short Grass	17.33	9.88	4.42	14.51	10.03	2.32	15.22
		Tall Grass	7.94	4.53	2.03	6.65	4.60	1.07	6.97
		Broadleaf Plants	9.75	5.56	2.49	8.16	5.64	1.31	8.56
		Fruits/Pods/Seeds	1.08	0.62	0.28	0.91	0.63	0.15	0.95
		Arthropods	6.79	3.87	1.73	5.68	3.93	0.91	5.96
		Granivores	0.24	0.14	0.06	0.20	0.14	0.03	
Residential Lawns (2)	0.00735, 1,	Short Grass	2.01	1.15	0.51	1.68	1.16	0.27	1.76
		Tall Grass	0.92	0.53	0.24	0.77	0.53	0.12	0.81
		Broadleaf Plants	1.13	0.64	0.29	0.95	0.65	0.15	0.99
		Fruits/Pods/Seeds	0.13	0.07	0.03	0.11	0.07	0.02	0.11

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Dose-Based EECs (mg/kg bw)						Diet- Based EECs (ppm)
			Avian			Mammalian			
			Size class (grams)			Size class (grams)			
			20	100	1000	15	35	1000	
		Arthropods	0.79	0.45	0.20	0.66	0.46	0.11	0.69
		Granivores	0.03	0.02	0.01	0.02	0.02	0.00	
Residential Lawns (3)	0.06, 2, 56	Short Grass	16.55	9.44	4.23	13.86	9.58	2.22	14.53
		Tall Grass	7.59	4.33	1.94	6.35	4.39	1.02	6.66
		Broadleaf Plants	9.31	5.31	2.38	7.79	5.39	1.25	8.18
		Fruits/Pods/Seeds	1.03	0.59	0.26	0.87	0.60	0.14	0.91
		Arthropods	6.48	3.70	1.66	5.43	3.75	0.87	5.69
		Granivores	0.23	0.13	0.06	0.19	0.13	0.03	
Right of Way (1)	0.021, 1,	Short Grass	5.74	3.27	1.47	4.81	3.32	0.77	5.04
		Tall Grass	2.63	1.50	0.67	2.20	1.52	0.35	2.31
		Broadleaf Plants	3.23	1.84	0.82	2.70	1.87	0.43	2.84
		Fruits/Pods/Seeds	0.36	0.20	0.09	0.30	0.21	0.05	0.32
		Arthropods	2.25	1.28	0.57	1.88	1.30	0.30	1.97
		Granivores	0.08	0.05	0.02	0.07	0.05	0.01	
Right of Way (2)	0.0167, 3, 7	Short Grass	8.53	4.86	2.18	7.14	4.93	1.14	7.49
		Tall Grass	3.91	2.23	1.00	3.27	2.26	0.52	3.43
		Broadleaf Plants	4.80	2.74	1.22	4.02	2.78	0.64	4.21
		Fruits/Pods/Seeds	0.53	0.30	0.14	0.45	0.31	0.07	0.47
		Arthropods	3.34	1.90	0.85	2.80	1.93	0.45	2.93
		Granivores	0.12	0.07	0.03	0.10	0.07	0.02	
Roses	0.1, 5, 7	Short Grass	58.43	33.32	14.92	48.91	33.81	7.84	51.30
		Tall Grass	26.78	15.27	6.84	22.42	15.49	3.59	23.51
		Broadleaf Plants	32.87	18.74	8.39	27.51	19.02	4.41	28.86
		Fruits/Pods/Seeds	3.65	2.08	0.93	3.06	2.11	0.49	3.21
		Arthropods	22.88	13.05	5.84	19.16	13.24	3.07	20.09
		Granivores	0.81	0.46	0.21	0.68	0.47	0.11	
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	85.14	48.55	21.74	71.27	49.26	11.42	74.75
		Tall Grass	39.02	22.25	9.96	32.67	22.58	5.23	34.26
		Broadleaf Plants	47.89	27.31	12.23	40.09	27.71	6.42	42.05
		Fruits/Pods/Seeds	5.32	3.03	1.36	4.45	3.08	0.71	4.67
		Arthropods	33.34	19.01	8.51	27.91	19.29	4.47	29.28
		Granivores	1.18	0.67	0.30	0.99	0.68	0.16	
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	82.00	46.76	20.94	68.65	47.44	11.00	72.00
		Tall Grass	37.58	21.43	9.60	31.46	21.75	5.04	33.00
		Broadleaf Plants	46.13	26.30	11.78	38.61	26.69	6.19	40.50
		Fruits/Pods/Seeds	5.13	2.92	1.31	4.29	2.97	0.69	4.50
		Arthropods	32.12	18.31	8.20	26.89	18.58	4.31	28.20
		Granivores	1.14	0.65	0.29	0.95	0.66	0.15	

Table 6. T-REX risk quotient (RQ) results for birds using a pyrethroid-specific foliar half-life of 8.3 days

Use Category*	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
Beets, garden beets	0.1, 4, 7	Short Grass	0.04	0.02	0.01	0.04	0.65
		Tall Grass	0.02	0.01	0.00	0.02	0.30
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.37
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.26
		Granivores	0.00	0.00	0.00		
Bushberries	0.1, 5, 7	Short Grass	0.05	0.02	0.01	0.04	0.68
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.27
		Granivores	0.00	0.00	0.00		
Citrus crops	0.5, 1,	Short Grass	0.11	0.05	0.01	0.09	1.60
		Tall Grass	0.05	0.02	0.01	0.04	0.73
		Broadleaf Plants	0.06	0.03	0.01	0.05	0.90
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.01	0.10
		Arthropods	0.04	0.02	0.01	0.04	0.63
		Granivores	0.00	0.00	0.00		
Cotton	0.1, 5, 3	Short Grass	0.07	0.03	0.01	0.06	1.03
		Tall Grass	0.03	0.01	0.00	0.03	0.47
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.58
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.03	0.01	0.00	0.02	0.40
		Granivores	0.00	0.00	0.00		
Fruits (unspecified)	0.2, 2, 7	Short Grass	0.07	0.03	0.01	0.06	1.00
		Tall Grass	0.03	0.01	0.00	0.03	0.46
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.56
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.03	0.01	0.00	0.02	0.39
		Granivores	0.00	0.00	0.00		
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	0.05	0.02	0.01	0.04	0.68
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.27
		Granivores	0.00	0.00	0.00		
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	0.07	0.03	0.01	0.06	1.00
		Tall Grass	0.03	0.01	0.00	0.03	0.46
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.56
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.03	0.01	0.00	0.02	0.39
		Granivores	0.00	0.00	0.00		
Root Crops	0.1, 5, 7	Short Grass	0.05	0.02	0.01	0.04	0.68

Use Category*	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.27
		Granivores	0.00	0.00	0.00		
Spinach	0.1, 4, 7	Short Grass	0.04	0.02	0.01	0.04	0.65
		Tall Grass	0.02	0.01	0.00	0.02	0.30
		Broadleaf Plants	0.02	0.01	0.00	0.02	0.37
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.01	0.26
		Granivores	0.00	0.00	0.00		
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	0.05	0.02	0.01	0.05	0.79
		Tall Grass	0.02	0.01	0.00	0.02	0.36
		Broadleaf Plants	0.03	0.01	0.00	0.03	0.44
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.05
		Arthropods	0.02	0.01	0.00	0.02	0.31
		Granivores	0.00	0.00	0.00		
Forest Tree Plantations	0.205, 3, 30	Short Grass	0.05	0.02	0.01	0.04	0.71
		Tall Grass	0.02	0.01	0.00	0.02	0.33
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.40
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.28
		Granivores	0.00	0.00	0.00		
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	0.02	0.01	0.00	0.02	0.37
		Tall Grass	0.01	0.00	0.00	0.01	0.17
		Broadleaf Plants	0.01	0.01	0.00	0.01	0.21
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.02
		Arthropods	0.01	0.00	0.00	0.01	0.14
		Granivores	0.00	0.00	0.00		
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	0.20	0.09	0.03	0.18	3.04
		Tall Grass	0.09	0.04	0.01	0.08	1.39
		Broadleaf Plants	0.11	0.05	0.02	0.10	1.71
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.01	0.19
		Arthropods	0.08	0.04	0.01	0.07	1.19
		Granivores	0.00	0.00	0.00		
Ornamental & Shade Trees (2)	0.3, 3, 30	Short Grass	0.07	0.03	0.01	0.06	1.04
		Tall Grass	0.03	0.01	0.00	0.03	0.48
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.59
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.07
		Arthropods	0.03	0.01	0.00	0.02	0.41
		Granivores	0.00	0.00	0.00		
Pave Area Perimeters	0.38, 1,	Short Grass	0.08	0.04	0.01	0.07	1.22
		Tall Grass	0.04	0.02	0.01	0.03	0.56
		Broadleaf Plants	0.05	0.02	0.01	0.04	0.68
		Fruits/Pods/Seeds	0.01	0.00	0.00	0.00	0.08
		Arthropods	0.03	0.01	0.00	0.03	0.48

Use Category*	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Avian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			20	100	1000		
		Granivores	0.00	0.00	0.00		
Roses	0.1, 5, 7	Short Grass	0.05	0.02	0.01	0.04	0.68
		Tall Grass	0.02	0.01	0.00	0.02	0.31
		Broadleaf Plants	0.03	0.01	0.00	0.02	0.38
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.04
		Arthropods	0.02	0.01	0.00	0.02	0.27
		Granivores	0.00	0.00	0.00		
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	0.07	0.03	0.01	0.06	1.00
		Tall Grass	0.03	0.01	0.00	0.03	0.46
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.56
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.03	0.01	0.00	0.02	0.39
		Granivores	0.00	0.00	0.00		
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	0.06	0.03	0.01	0.06	0.96
		Tall Grass	0.03	0.01	0.00	0.03	0.44
		Broadleaf Plants	0.04	0.02	0.01	0.03	0.54
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.00	0.06
		Arthropods	0.02	0.01	0.00	0.02	0.38
		Granivores	0.00	0.00	0.00		

Only uses with T-REX RQs that exceeded LOCs with the default foliar half life were evaluated with the refined half life. RQ values in bold exceed the listed species acute or chronic risk LOC of 0.1 or 1.0, respectively.

Table 7. T-REX risk quotient (RQ) results for mammals using a pyrethroid-specific foliar half-life of 8.3 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
Agricultural crops/ soils	0.0832, 3, 21	Short Grass	0.19	0.17	0.09	6.95	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.91	3.34	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.25	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Alfalfa, Clover	0.1, 5, 45	Short Grass	0.20	0.17	0.09	7.11	6.07	3.25	0.82
		Tall Grass	0.09	0.08	0.04	3.26	2.78	1.49	0.38
		Broadleaf Plants	0.11	0.10	0.05	4.00	3.41	1.83	0.46
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.44	0.38	0.20	0.05
		Arthropods	0.08	0.07	0.04	2.78	2.38	1.27	0.32
		Granivores	0.00	0.00	0.00	0.10	0.08	0.05	
Artichokes	0.1, 5, 15	Short Grass	0.27	0.23	0.12	9.70	8.28	4.44	1.12
		Tall Grass	0.12	0.11	0.06	4.45	3.80	2.04	0.51
		Broadleaf Plants	0.15	0.13	0.07	5.46	4.66	2.50	0.63
		Fruits/Pods/Seeds	0.02	0.01	0.01	0.61	0.52	0.28	0.07
		Arthropods	0.11	0.09	0.05	3.80	3.24	1.74	0.44
		Granivores	0.00	0.00	0.00	0.13	0.12	0.06	
Beets, garden beets	0.1, 4, 7	Short Grass	0.39	0.34	0.18	14.17	12.10	6.49	1.63
		Tall Grass	0.18	0.15	0.08	6.49	5.55	2.97	0.75
		Broadleaf Plants	0.22	0.19	0.10	7.97	6.81	3.65	0.92
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.89	0.76	0.41	0.10
		Arthropods	0.15	0.13	0.07	5.55	4.74	2.54	0.64
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Bushberries	0.1, 5, 7	Short Grass	0.41	0.35	0.19	14.84	12.67	6.79	1.71
		Tall Grass	0.19	0.16	0.09	6.80	5.81	3.11	0.78
		Broadleaf Plants	0.23	0.20	0.11	8.35	7.13	3.82	0.96
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.93	0.79	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.81	4.96	2.66	0.67
		Granivores	0.01	0.00	0.00	0.21	0.18	0.09	
Caneberries	0.1, 2, 14	Short Grass	0.25	0.22	0.12	9.10	7.77	4.17	1.05
		Tall Grass	0.12	0.10	0.05	4.17	3.56	1.91	0.48
		Broadleaf Plants	0.14	0.12	0.07	5.12	4.37	2.34	0.59
		Fruits/Pods/Seeds	0.02	0.01	0.01	0.57	0.49	0.26	0.07
		Arthropods	0.10	0.08	0.05	3.56	3.04	1.63	0.41
		Granivores	0.00	0.00	0.00	0.13	0.11	0.06	
Canola, rapeseed,	0.04, 2, 14	Short Grass	0.10	0.09	0.05	3.64	3.11	1.67	0.42

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
crambe		Tall Grass	0.05	0.04	0.02	1.67	1.42	0.76	0.19
		Broadleaf Plants	0.06	0.05	0.03	2.05	1.75	0.94	0.24
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.23	0.19	0.10	0.03
		Arthropods	0.04	0.03	0.02	1.43	1.22	0.65	0.16
		Granivores	0.00	0.00	0.00	0.05	0.04	0.02	
Citrus crops	0.5, 1,	Short Grass	0.97	0.83	0.44	34.70	29.64	15.89	4.00
		Tall Grass	0.44	0.38	0.20	15.91	13.59	7.28	1.83
		Broadleaf Plants	0.54	0.46	0.25	19.52	16.67	8.94	2.25
		Fruits/Pods/Seeds	0.06	0.05	0.03	2.17	1.85	0.99	0.25
		Arthropods	0.38	0.32	0.17	13.59	11.61	6.22	1.57
		Granivores	0.01	0.01	0.01	0.48	0.41	0.22	
Corn	0.1, 3, 3	Short Grass	0.46	0.39	0.21	16.55	14.14	7.58	1.91
		Tall Grass	0.21	0.18	0.10	7.58	6.48	3.47	0.87
		Broadleaf Plants	0.26	0.22	0.12	9.31	7.95	4.26	1.07
		Fruits/Pods/Seeds	0.03	0.02	0.01	1.03	0.88	0.47	0.12
		Arthropods	0.18	0.15	0.08	6.48	5.54	2.97	0.75
		Granivores	0.01	0.01	0.00	0.23	0.20	0.11	
Cotton	0.1, 5, 3	Short Grass	0.62	0.53	0.29	22.37	19.11	10.24	2.58
		Tall Grass	0.29	0.24	0.13	10.25	8.76	4.69	1.18
		Broadleaf Plants	0.35	0.30	0.16	12.58	10.75	5.76	1.45
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.40	1.19	0.64	0.16
		Arthropods	0.24	0.21	0.11	8.76	7.48	4.01	1.01
		Granivores	0.01	0.01	0.00	0.31	0.27	0.14	
Cucurbits:	0.1, 3, 7	Short Grass	0.36	0.31	0.17	12.97	11.07	5.94	1.49
		Tall Grass	0.17	0.14	0.08	5.94	5.08	2.72	0.68
		Broadleaf Plants	0.20	0.17	0.09	7.29	6.23	3.34	0.84
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.81	0.69	0.37	0.09
		Arthropods	0.14	0.12	0.06	5.08	4.34	2.33	0.59
		Granivores	0.01	0.00	0.00	0.18	0.15	0.08	
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	Short Grass	0.41	0.35	0.19	14.58	12.45	6.67	1.68
		Tall Grass	0.19	0.16	0.09	6.68	5.71	3.06	0.77
		Broadleaf Plants	0.23	0.20	0.10	8.20	7.00	3.75	0.95
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.91	0.78	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.71	4.88	2.61	0.66
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Dried Peas and Beans	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Fruits (unspecified)	0.2, 2, 7	Short Grass	0.60	0.51	0.28	21.62	18.47	9.90	2.49
		Tall Grass	0.28	0.24	0.13	9.91	8.46	4.54	1.14
		Broadleaf Plants	0.34	0.29	0.16	12.16	10.39	5.57	1.40
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.35	1.15	0.62	0.16
		Arthropods	0.24	0.20	0.11	8.47	7.23	3.88	0.98
		Granivores	0.01	0.01	0.00	0.30	0.26	0.14	
Grapes	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Short Grass	0.41	0.35	0.19	14.84	12.67	6.79	1.71
		Tall Grass	0.19	0.16	0.09	6.80	5.81	3.11	0.78
		Broadleaf Plants	0.23	0.20	0.11	8.35	7.13	3.82	0.96
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.93	0.79	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.81	4.96	2.66	0.67
		Granivores	0.01	0.00	0.00	0.21	0.18	0.09	
Hops	0.1, 3, 21	Short Grass	0.23	0.20	0.11	8.35	7.13	3.82	0.96
		Tall Grass	0.11	0.09	0.05	3.83	3.27	1.75	0.44
		Broadleaf Plants	0.13	0.11	0.06	4.70	4.01	2.15	0.54
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.52	0.45	0.24	0.06
		Arthropods	0.09	0.08	0.04	3.27	2.79	1.50	0.38
		Granivores	0.00	0.00	0.00	0.12	0.10	0.05	
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Short Grass	0.60	0.52	0.28	21.65	18.49	9.91	2.50
		Tall Grass	0.28	0.24	0.13	9.92	8.48	4.54	1.14
		Broadleaf Plants	0.34	0.29	0.16	12.18	10.40	5.58	1.40
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.35	1.16	0.62	0.16
		Arthropods	0.24	0.20	0.11	8.48	7.24	3.88	0.98
		Granivores	0.01	0.01	0.00	0.30	0.26	0.14	
Peppers, Succulent Peans and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Short Grass	0.30	0.26	0.14	10.81	9.23	4.95	1.25
		Tall Grass	0.14	0.12	0.06	4.95	4.23	2.27	0.57
		Broadleaf Plants	0.17	0.14	0.08	6.08	5.19	2.78	0.70
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.68	0.58	0.31	0.08
		Arthropods	0.12	0.10	0.05	4.23	3.62	1.94	0.49
		Granivores	0.00	0.00	0.00	0.15	0.13	0.07	
Root Crops	0.1, 5, 7	Short Grass	0.41	0.35	0.19	14.84	12.67	6.79	1.71

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Tall Grass	0.19	0.16	0.09	6.80	5.81	3.11	0.78
		Broadleaf Plants	0.23	0.20	0.11	8.35	7.13	3.82	0.96
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.93	0.79	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.81	4.96	2.66	0.67
		Granivores	0.01	0.00	0.00	0.21	0.18	0.09	
Spinach	0.1, 4, 7	Short Grass	0.39	0.34	0.18	14.17	12.10	6.49	1.63
		Tall Grass	0.18	0.15	0.08	6.49	5.55	2.97	0.75
		Broadleaf Plants	0.22	0.19	0.10	7.97	6.81	3.65	0.92
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.89	0.76	0.41	0.10
		Arthropods	0.15	0.13	0.07	5.55	4.74	2.54	0.64
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Sweet corn	0.1, 2, 3	Short Grass	0.34	0.29	0.16	12.34	10.54	5.65	1.42
		Tall Grass	0.16	0.13	0.07	5.66	4.83	2.59	0.65
		Broadleaf Plants	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.77	0.66	0.35	0.09
		Arthropods	0.13	0.12	0.06	4.83	4.13	2.21	0.56
		Granivores	0.00	0.00	0.00	0.17	0.15	0.08	
Tree Nut Crops (1)	0.18, 3, 15	Short Grass	0.48	0.41	0.22	17.08	14.59	7.82	1.97
		Tall Grass	0.22	0.19	0.10	7.83	6.69	3.59	0.90
		Broadleaf Plants	0.27	0.23	0.12	9.61	8.21	4.40	1.11
		Fruits/Pods/Seeds	0.03	0.03	0.01	1.07	0.91	0.49	0.12
		Arthropods	0.19	0.16	0.09	6.69	5.72	3.06	0.77
		Granivores	0.01	0.01	0.00	0.24	0.20	0.11	
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	0.58	0.50	0.27	20.82	17.79	9.53	2.40
		Tall Grass	0.27	0.23	0.12	9.54	8.15	4.37	1.10
		Broadleaf Plants	0.33	0.28	0.15	11.71	10.00	5.36	1.35
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.30	1.11	0.60	0.15
		Arthropods	0.23	0.19	0.10	8.16	6.97	3.73	0.94
		Granivores	0.01	0.01	0.00	0.29	0.25	0.13	
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	Short Grass	0.41	0.35	0.19	14.58	12.45	6.67	1.68
		Tall Grass	0.19	0.16	0.09	6.68	5.71	3.06	0.77
		Broadleaf Plants	0.23	0.20	0.10	8.20	7.00	3.75	0.95
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.91	0.78	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.71	4.88	2.61	0.66
		Granivores	0.01	0.00	0.00	0.20	0.17	0.09	
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	Short Grass	0.39	0.33	0.18	13.88	11.86	6.36	1.60
		Tall Grass	0.18	0.15	0.08	6.36	5.43	2.91	0.73
		Broadleaf Plants	0.22	0.19	0.10	7.81	6.67	3.58	0.90
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.87	0.74	0.40	0.10

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.15	0.13	0.07	5.44	4.64	2.49	0.63
		Granivores	0.01	0.00	0.00	0.19	0.16	0.09	
Farm Premises/Buildings	0.0317, 2, 7	Short Grass	0.10	0.08	0.04	3.43	2.93	1.57	0.39
		Tall Grass	0.04	0.04	0.02	1.57	1.34	0.72	0.18
		Broadleaf Plants	0.05	0.05	0.02	1.93	1.65	0.88	0.22
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.21	0.18	0.10	0.02
		Arthropods	0.04	0.03	0.02	1.34	1.15	0.61	0.15
		Granivores	0.00	0.00	0.00	0.05	0.04	0.02	
Forest Tree Plantations	0.205, 3, 30	Short Grass	0.43	0.37	0.20	15.49	13.23	7.09	1.78
		Tall Grass	0.20	0.17	0.09	7.10	6.06	3.25	0.82
		Broadleaf Plants	0.24	0.21	0.11	8.71	7.44	3.99	1.00
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.97	0.83	0.44	0.11
		Arthropods	0.17	0.14	0.08	6.07	5.18	2.78	0.70
		Granivores	0.01	0.01	0.00	0.22	0.18	0.10	
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Short Grass	0.22	0.19	0.10	7.99	6.83	3.66	0.92
		Tall Grass	0.10	0.09	0.05	3.66	3.13	1.68	0.42
		Broadleaf Plants	0.13	0.11	0.06	4.50	3.84	2.06	0.52
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.50	0.43	0.23	0.06
		Arthropods	0.09	0.07	0.04	3.13	2.67	1.43	0.36
		Granivores	0.00	0.00	0.00	0.11	0.09	0.05	
Non-agricultural Uncultivated Areas	0.167, 3, 56	Short Grass	0.33	0.28	0.15	11.70	9.99	5.36	1.35
		Tall Grass	0.15	0.13	0.07	5.36	4.58	2.46	0.62
		Broadleaf Plants	0.18	0.16	0.08	6.58	5.62	3.01	0.76
		Fruits/Pods/Seeds	0.02	0.02	0.01	0.73	0.62	0.33	0.08
		Arthropods	0.13	0.11	0.06	4.58	3.91	2.10	0.53
		Granivores	0.00	0.00	0.00	0.16	0.14	0.07	
Nursery Stock	0.1, 1,	Short Grass	0.19	0.17	0.09	6.94	5.93	3.18	0.80
		Tall Grass	0.09	0.08	0.04	3.18	2.72	1.46	0.37
		Broadleaf Plants	0.11	0.09	0.05	3.90	3.33	1.79	0.45
		Fruits/Pods/Seeds	0.01	0.01	0.01	0.43	0.37	0.20	0.05
		Arthropods	0.08	0.06	0.03	2.72	2.32	1.24	0.31
		Granivores	0.00	0.00	0.00	0.10	0.08	0.04	
Ornamental & Shade Trees (1)	0.95, 1,	Short Grass	1.84	1.57	0.84	65.94	56.32	30.19	7.60
		Tall Grass	0.84	0.72	0.39	30.22	25.82	13.84	3.48
		Broadleaf Plants	1.03	0.88	0.47	37.09	31.68	16.98	4.28
		Fruits/Pods/Seeds	0.11	0.10	0.05	4.12	3.52	1.89	0.48
		Arthropods	0.72	0.62	0.33	25.83	22.06	11.83	2.98
		Granivores	0.03	0.02	0.01	0.92	0.78	0.42	
Ornamental &	0.3, 3, 30	Short Grass	0.63	0.54	0.29	22.66	19.36	10.38	2.61

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
Shade Trees (2)		Tall Grass	0.29	0.25	0.13	10.39	8.87	4.76	1.20
		Broadleaf Plants	0.36	0.30	0.16	12.75	10.89	5.84	1.47
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.42	1.21	0.65	0.16
		Arthropods	0.25	0.21	0.11	8.88	7.58	4.06	1.02
		Granivores	0.01	0.01	0.00	0.31	0.27	0.14	
Ornamental Grasses	0.232, 2, 56	Short Grass	0.45	0.39	0.21	16.25	13.88	7.44	1.87
		Tall Grass	0.21	0.18	0.10	7.45	6.36	3.41	0.86
		Broadleaf Plants	0.25	0.22	0.12	9.14	7.81	4.19	1.05
		Fruits/Pods/Seeds	0.03	0.02	0.01	1.02	0.87	0.47	0.12
		Arthropods	0.18	0.15	0.08	6.37	5.44	2.91	0.73
		Granivores	0.01	0.01	0.00	0.23	0.19	0.10	
Pave Area Perimeters	0.38, 1,	Short Grass	0.74	0.63	0.34	26.38	22.53	12.08	3.04
		Tall Grass	0.34	0.29	0.15	12.09	10.33	5.54	1.39
		Broadleaf Plants	0.41	0.35	0.19	14.84	12.67	6.79	1.71
		Fruits/Pods/Seeds	0.05	0.04	0.02	1.65	1.41	0.75	0.19
		Arthropods	0.29	0.25	0.13	10.33	8.82	4.73	1.19
		Granivores	0.01	0.01	0.00	0.37	0.31	0.17	
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	Short Grass	0.45	0.38	0.20	15.96	13.64	7.31	1.84
		Tall Grass	0.20	0.17	0.09	7.32	6.25	3.35	0.84
		Broadleaf Plants	0.25	0.21	0.11	8.98	7.67	4.11	1.04
		Fruits/Pods/Seeds	0.03	0.02	0.01	1.00	0.85	0.46	0.12
		Arthropods	0.17	0.15	0.08	6.25	5.34	2.86	0.72
		Granivores	0.01	0.01	0.00	0.22	0.19	0.10	
Residential Lawns (1)	0.0634, 1,	Short Grass	0.12	0.10	0.06	4.40	3.76	2.01	0.51
		Tall Grass	0.06	0.05	0.03	2.02	1.72	0.92	0.23
		Broadleaf Plants	0.07	0.06	0.03	2.48	2.11	1.13	0.29
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.28	0.23	0.13	0.03
		Arthropods	0.05	0.04	0.02	1.72	1.47	0.79	0.20
		Granivores	0.00	0.00	0.00	0.06	0.05	0.03	
Residential Lawns (2)	0.00735, 1,	Short Grass	0.01	0.01	0.01	0.51	0.44	0.23	0.06
		Tall Grass	0.01	0.01	0.00	0.23	0.20	0.11	0.03
		Broadleaf Plants	0.01	0.01	0.00	0.29	0.25	0.13	0.03
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.03	0.03	0.01	0.00
		Arthropods	0.01	0.00	0.00	0.20	0.17	0.09	0.02
		Granivores	0.00	0.00	0.00	0.01	0.01	0.00	
Residential Lawns (3)	0.06, 2, 56	Short Grass	0.12	0.10	0.05	4.20	3.59	1.92	0.48
		Tall Grass	0.05	0.05	0.02	1.93	1.65	0.88	0.22
		Broadleaf Plants	0.07	0.06	0.03	2.36	2.02	1.08	0.27
		Fruits/Pods/Seeds	0.01	0.01	0.00	0.26	0.22	0.12	0.03

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Mammalian						
			Acute dose RQs			Chronic Dose RQs			Chronic Diet RQs
			Size class (grams)			Size class (grams)			
			20	100	1000	20	100	1000	
		Arthropods	0.05	0.04	0.02	1.65	1.41	0.75	0.19
		Granivores	0.00	0.00	0.00	0.06	0.05	0.03	
Right of Way (1)	0.021, 1,	Short Grass	0.04	0.03	0.02	1.46	1.25	0.67	0.17
		Tall Grass	0.02	0.02	0.01	0.67	0.57	0.31	0.08
		Broadleaf Plants	0.02	0.02	0.01	0.82	0.70	0.38	0.09
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.09	0.08	0.04	0.01
		Arthropods	0.02	0.01	0.01	0.57	0.49	0.26	0.07
		Granivores	0.00	0.00	0.00	0.02	0.02	0.01	
Right of Way (2)	0.0167, 3, 7	Short Grass	0.06	0.05	0.03	2.17	1.85	0.99	0.25
		Tall Grass	0.03	0.02	0.01	0.99	0.85	0.45	0.11
		Broadleaf Plants	0.03	0.03	0.02	1.22	1.04	0.56	0.14
		Fruits/Pods/Seeds	0.00	0.00	0.00	0.14	0.12	0.06	0.02
		Arthropods	0.02	0.02	0.01	0.85	0.72	0.39	0.10
		Granivores	0.00	0.00	0.00	0.03	0.03	0.01	
Roses	0.1, 5, 7	Short Grass	0.41	0.35	0.19	14.84	12.67	6.79	1.71
		Tall Grass	0.19	0.16	0.09	6.80	5.81	3.11	0.78
		Broadleaf Plants	0.23	0.20	0.11	8.35	7.13	3.82	0.96
		Fruits/Pods/Seeds	0.03	0.02	0.01	0.93	0.79	0.42	0.11
		Arthropods	0.16	0.14	0.07	5.81	4.96	2.66	0.67
		Granivores	0.01	0.00	0.00	0.21	0.18	0.09	
Sod farms, ornamental sod farms	0.2, 2, 7	Short Grass	0.60	0.51	0.28	21.62	18.47	9.90	2.49
		Tall Grass	0.28	0.24	0.13	9.91	8.46	4.54	1.14
		Broadleaf Plants	0.34	0.29	0.16	12.16	10.39	5.57	1.40
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.35	1.15	0.62	0.16
		Arthropods	0.24	0.20	0.11	8.47	7.23	3.88	0.98
		Granivores	0.01	0.01	0.00	0.30	0.26	0.14	
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	Short Grass	0.58	0.50	0.27	20.82	17.79	9.53	2.40
		Tall Grass	0.27	0.23	0.12	9.54	8.15	4.37	1.10
		Broadleaf Plants	0.33	0.28	0.15	11.71	10.00	5.36	1.35
		Fruits/Pods/Seeds	0.04	0.03	0.02	1.30	1.11	0.60	0.15
		Arthropods	0.23	0.19	0.10	8.16	6.97	3.73	0.94
		Granivores	0.01	0.01	0.00	0.29	0.25	0.13	

Only uses with T-REX RQs that exceeded LOCs with the default foliar half life were evaluated with the refined half life.

Table 8. Risk quotients for terrestrial invertebrates calculated using pyrethroid-specific foliar dissipation half life of 8.3 days.

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Invertebrate RQs
Agricultural crops/ soils	0.0832, 3, 21	85.5
Alfalfa, Clover	0.1, 5, 45	87.5
Artichokes	0.1, 5, 15	119.4
Beets, garden beets	0.1, 4, 7	174.4
Bushberries	0.1, 5, 7	182.7
Caneberries	0.1, 2, 14	112.0
Canola, rapeseed, crambe	0.04, 2, 14	44.8
Citrus crops	0.5, 1,	427.3
Corn	0.1, 3, 3	203.7
Cotton	0.1, 5, 3	275.4
Cucurbits:	0.1, 3, 7	159.6
Deciduous Fruits, Apple, Stone Fruits	0.21, 1,	179.5
Dried Peas and Beans	0.1, 1,	85.5
Fruits (unspecified)	0.2, 2, 7	266.2
Grapes	0.1, 1,	85.5
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	182.7
Hops	0.1, 3, 21	102.8
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	266.6
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	133.1
Root Crops	0.1, 5, 7	182.7
Spinach	0.1, 4, 7	174.4
Sweet corn	0.1, 2, 3	152.0
Tree Nut Crops (1)	0.18, 3, 15	210.3
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1,	179.5
Airports/ Landing Fields	0.0096, 1,	8.2
Christmas Tree Plantations, Golf Course Turf	0.2, 1,	170.9
Farm Premises/Buildings	0.0317, 2, 7	42.2
Forest Tree Plantations	0.205, 3, 30	190.7
Forest Trees - unspecified, softwoods	0.1058, 3, 30	98.4
Non-agricultural Uncultivated Areas	0.167, 3, 56	144.1
Nursery Stock	0.1, 1,	85.5
Ornamental & Shade Trees (1)	0.95, 1,	811.8
Ornamental & Shade Trees (2)	0.3, 3, 30	279.0
Ornamental Grasses	0.232, 2, 56	200.1
Pave Area Perimeters	0.38, 1,	324.7
Refuse/Solid Waste Sites (outdoors)	0.23, 1,	196.5
Residential Lawns (1)	0.0634, 1,	54.2
Residential Lawns (3)	0.06, 2, 56	51.8

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Invertebrate RQs
Right of Way (1)	0.021, 1,	17.9
Roses	0.1, 5, 7	182.7
Sod farms, ornamental sod farms	0.2, 2, 7	266.2
Tuberous and Corn Vegetables	0.3 at plant, then 0.1x2, 3, 21	256.4

Table 9. Probit-based individual effect chance (IEC) for birds, mammals and terrestrial invertebrates using T-REX with a default foliar dissipation half life of 35 days

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
Agricultural crops/soils	Short Grass	0.04	1 in 1.87E+10 (1 in 486.79, 1 in 1.00E+16)	0.34	1 in 59.38 (1 in 5.79, 1 in 9.26E+04)		
	Tall Grass	0.02	1 in 1.38E+15 (1 in 5.14E+03, 1 in 1.00E+16)	0.15	1 in 7.58E+03 (1 in 19.07, 1 in 6.80E+12)		
	Broadleaf Plants	0.02	1 in 5.85E+13 (1 in 2.66E+03, 1 in 1.00E+16)	0.19	1 in 1.72E+03 (1 in 13.44, 1 in 2.43E+10)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.53E+07, 1 in 1.00E+16)	0.02	1 in 4.33E+13 (1 in 2.49E+03, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 8.71E+03, 1 in 1.00E+16)	0.13	1 in 2.62E+04 (1 in 25.40, 1 in 7.86E+14)	148.953	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 4.38E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.28E+05, 1 in 1.00E+16)		
Alfalfa, Clover	Short Grass	0.04	1 in 3.12E+10 (1 in 542.73, 1 in 1.00E+16)	0.32	1 in 72.08 (1 in 6.10, 1 in 1.86E+05)		
	Tall Grass	0.02	1 in 2.59E+15 (1 in 5.86E+03, 1 in 1.00E+16)	0.15	1 in 1.03E+04 (1 in 20.46, 1 in 2.16E+13)		
	Broadleaf Plants	0.02	1 in 1.06E+14 (1 in 3.01E+03, 1 in 1.00E+16)	0.18	1 in 2.26E+03 (1 in 14.34, 1 in 6.85E+10)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.85E+07, 1 in 1.00E+16)	0.02	1 in 7.85E+13 (1 in 2.82E+03, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 9.96E+03, 1 in 1.00E+16)	0.13	1 in 3.63E+04 (1 in 27.37, 1 in 2.74E+15)	143.197	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.52E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.42E+05, 1 in 1.00E+16)		
Artichokes	Short Grass	0.06	1 in 2.83E+07 (1 in 120.40, 1 in 1.00E+16)	0.58	1 in 6.88 (1 in 3.13, 1 in 57.73)		
	Tall Grass	0.03	1 in 4.24E+11 (1 in 943.28, 1 in 1.00E+16)	0.27	1 in 202.97 (1 in 7.96, 1 in 8.18E+06)		
	Broadleaf Plants	0.04	1 in 2.73E+10 (1 in 527.43, 1 in 1.00E+16)	0.33	1 in 68.48 (1 in 6.02, 1 in 1.55E+05)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.28E+06, 1 in 1.00E+16)	0.04	1 in 2.11E+10 (1 in 499.23, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 3.88E+12	0.23	1 in 516.04	257.215	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 1.50E+03, 1 in 1.00E+16)		(1 in 10.04, 1 in 2.62E+08)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.01E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 6.99E+04, 1 in 1.00E+16)		
Beets, garden beets	Short Grass	0.07	1 in 1.10E+07 (1 in 97.91, 1 in 1.00E+16)	0.64	1 in 5.31 (1 in 2.88, 1 in 25.89)		
	Tall Grass	0.03	1 in 1.27E+11 (1 in 731.29, 1 in 1.00E+16)	0.29	1 in 124.74 (1 in 7.03, 1 in 1.37E+06)		
	Broadleaf Plants	0.04	1 in 8.76E+09 (1 in 414.11, 1 in 1.00E+16)	0.36	1 in 44.79 (1 in 5.37, 1 in 3.38E+04)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 8.76E+05, 1 in 1.00E+16)	0.04	1 in 6.81E+09 (1 in 392.45, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.10E+12 (1 in 1.15E+03, 1 in 1.00E+16)	0.25	1 in 302.08 (1 in 8.79, 1 in 3.56E+07)	280.988	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.24E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 5.00E+04, 1 in 1.00E+16)		
Bushberries	Short Grass	0.08	1 in 2.11E+06 (1 in 68.12, 1 in 1.00E+16)	0.75	1 in 3.51 (1 in 2.50, 1 in 7.84)		
	Tall Grass	0.04	1 in 1.53E+10 (1 in 466.52, 1 in 1.00E+16)	0.34	1 in 55.09 (1 in 5.68, 1 in 7.08E+04)		
	Broadleaf Plants	0.05	1 in 1.19E+09 (1 in 270.32, 1 in 1.00E+16)	0.42	1 in 22.12 (1 in 4.43, 1 in 2.83E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.44E+05, 1 in 1.00E+16)	0.05	1 in 9.38E+08 (1 in 256.75, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.21E+11 (1 in 723.42, 1 in 1.00E+16)	0.29	1 in 122.23 (1 in 6.99, 1 in 1.27E+06)	330.069	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.28E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.75E+04, 1 in 1.00E+16)		
Caneberries	Short Grass	0.04	1 in 1.68E+10 (1 in 475.64, 1 in 1.00E+16)	0.34	1 in 57.00 (1 in 5.73, 1 in 8.00E+04)		
	Tall Grass	0.02	1 in 1.21E+15 (1 in 5.00E+03, 1 in 1.00E+16)	0.16	1 in 7.11E+03 (1 in 18.78, 1 in 5.32E+12)		
	Broadleaf Plants	0.02	1 in 5.15E+13 (1 in 2.59E+03, 1 in 1.00E+16)	0.19	1 in 1.63E+03 (1 in 13.25, 1 in 1.96E+10)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.47E+07, 1 in 1.00E+16)	0.02	1 in 3.82E+13 (1 in 2.43E+03, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16	0.13	1 in 2.45E+04	150.217	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 8.46E+03, 1 in 1.00E+16)		(1 in 25.00, 1 in 6.03E+14)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 4.17E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.06E+05, 1 in 1.00E+16)		
Canola, rapeseed, crambe	Short Grass	0.01	1 in 1.00E+16 (1 in 7.88E+03, 1 in 1.00E+16)	0.14	1 in 2.06E+04 (1 in 24.04, 1 in 3.13E+14)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 1.38E+05, 1 in 1.00E+16)	0.06	1 in 3.41E+07 (1 in 125.41, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 6.23E+04, 1 in 1.00E+16)	0.08	1 in 3.92E+06 (1 in 78.12, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.53E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 5.78E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 2.59E+05, 1 in 1.00E+16)	0.05	1 in 1.99E+08 (1 in 183.88, 1 in 1.00E+16)	60.0868	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.20E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.91E+07, 1 in 1.00E+16)		
Citrus crops	Short Grass	0.11	1 in 1.83E+05 (1 in 39.48, 1 in 1.00E+16)	0.97	1 in 2.11 (1 in 2.05, 1 in 2.23)		
	Tall Grass	0.05	1 in 6.29E+08 (1 in 235.64, 1 in 1.00E+16)	0.44	1 in 17.85 (1 in 4.17, 1 in 1.35E+03)		
	Broadleaf Plants	0.06	1 in 5.96E+07 (1 in 141.62, 1 in 1.00E+16)	0.54	1 in 8.53 (1 in 3.35, 1 in 114.80)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 1.56E+05, 1 in 1.00E+16)	0.06	1 in 4.78E+07 (1 in 134.99, 1 in 1.00E+16)		
	Arthropods	0.04	1 in 4.27E+09 (1 in 355.21, 1 in 1.00E+16)	0.38	1 in 34.53 (1 in 5.01, 1 in 1.34E+04)	427.273	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.39E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.10E+04, 1 in 1.00E+16)		
Corn	Short Grass	0.06	1 in 5.56E+07 (1 in 139.49, 1 in 1.00E+16)	0.55	1 in 8.35 (1 in 3.33, 1 in 107.41)		
	Tall Grass	0.03	1 in 9.98E+11 (1 in 1.13E+03, 1 in 1.00E+16)	0.25	1 in 289.49 (1 in 8.70, 1 in 3.04E+07)		
	Broadleaf Plants	0.03	1 in 6.12E+10 (1 in 626.19, 1 in 1.00E+16)	0.31	1 in 93.49 (1 in 6.53, 1 in 4.78E+05)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.68E+06, 1 in 1.00E+16)	0.03	1 in 4.71E+10 (1 in 592.21, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 9.46E+12	0.21	1 in 761.53	241.86	1 in 1.00

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			(1 in 1.81E+03, 1 in 1.00E+16)		(1 in 11.04, 1 in 1.12E+09)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.81E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 8.85E+04, 1 in 1.00E+16)		
Cotton	Short Grass	0.09	1 in 5.28E+05 (1 in 50.10, 1 in 1.00E+16)	0.86	1 in 2.59 (1 in 2.23, 1 in 3.56)		
	Tall Grass	0.04	1 in 2.54E+09 (1 in 317.88, 1 in 1.00E+16)	0.40	1 in 28.73 (1 in 4.76, 1 in 7.02E+03)		
	Broadleaf Plants	0.05	1 in 2.20E+08 (1 in 187.97, 1 in 1.00E+16)	0.48	1 in 12.71 (1 in 3.78, 1 in 427.44)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 2.47E+05, 1 in 1.00E+16)	0.05	1 in 1.75E+08 (1 in 178.88, 1 in 1.00E+16)		
	Arthropods	0.04	1 in 1.84E+10 (1 in 485.26, 1 in 1.00E+16)	0.34	1 in 59.05 (1 in 5.79, 1 in 9.08E+04)	380.743	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.51E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.65E+04, 1 in 1.00E+16)		
Cucurbits:	Short Grass	0.06	1 in 1.28E+08 (1 in 167.05, 1 in 1.00E+16)	0.51	1 in 10.73 (1 in 3.59, 1 in 242.86)		
	Tall Grass	0.03	1 in 2.84E+12 (1 in 1.41E+03, 1 in 1.00E+16)	0.23	1 in 451.50 (1 in 9.71, 1 in 1.59E+08)		
	Broadleaf Plants	0.03	1 in 1.65E+11 (1 in 772.40, 1 in 1.00E+16)	0.29	1 in 138.30 (1 in 7.22, 1 in 2.00E+06)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 2.33E+06, 1 in 1.00E+16)	0.03	1 in 1.26E+11 (1 in 729.73, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 2.82E+13 (1 in 2.28E+03, 1 in 1.00E+16)	0.20	1 in 1.24E+03 (1 in 12.41, 1 in 6.99E+09)	224.609	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 4.22E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.18E+05, 1 in 1.00E+16)		
Deciduous Fruits, Apple, Stone Fruits	Short Grass	0.04	1 in 1.80E+09 (1 in 295.37, 1 in 1.00E+16)	0.41	1 in 25.50 (1 in 4.61, 1 in 4.63E+03)		
	Tall Grass	0.02	1 in 7.73E+13 (1 in 2.82E+03, 1 in 1.00E+16)	0.19	1 in 1.96E+03 (1 in 13.85, 1 in 3.95E+10)		
	Broadleaf Plants	0.02	1 in 3.77E+12 (1 in 1.49E+03, 1 in 1.00E+16)	0.23	1 in 509.70 (1 in 10.01, 1 in 2.50E+08)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 6.41E+06, 1 in 1.00E+16)	0.03	1 in 2.83E+12 (1 in 1.41E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 8.74E+14	0.16	1 in 6.09E+03	179.455	1 in 1.00

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			(1 in 4.67E+03, 1 in 1.00E+16)		(1 in 18.11, 1 in 2.94E+12)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.49E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.90E+05, 1 in 1.00E+16)		
Dried Peas and Beans	Short Grass	0.02	1 in 4.35E+13 (1 in 2.50E+03, 1 in 1.00E+16)	0.19	1 in 1.51E+03 (1 in 13.01, 1 in 1.46E+10)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 3.59E+04, 1 in 1.00E+16)	0.09	1 in 9.10E+05 (1 in 56.56, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 1.71E+04, 1 in 1.00E+16)	0.11	1 in 1.37E+05 (1 in 36.99, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 2.39E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.59E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 6.47E+04, 1 in 1.00E+16)	0.08	1 in 4.33E+06 (1 in 79.86, 1 in 1.00E+16)	85.4545	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.26E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.33E+06, 1 in 1.00E+16)		
Fruits (unspecified)	Short Grass	0.08	1 in 2.90E+06 (1 in 73.10, 1 in 1.00E+16)	0.72	1 in 3.79 (1 in 2.57, 1 in 9.67)		
	Tall Grass	0.04	1 in 2.31E+10 (1 in 509.30, 1 in 1.00E+16)	0.33	1 in 64.33 (1 in 5.92, 1 in 1.24E+05)		
	Broadleaf Plants	0.04	1 in 1.76E+09 (1 in 293.77, 1 in 1.00E+16)	0.41	1 in 25.27 (1 in 4.60, 1 in 4.49E+03)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 5.08E+05, 1 in 1.00E+16)	0.05	1 in 1.38E+09 (1 in 278.90, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.86E+11 (1 in 792.53, 1 in 1.00E+16)	0.28	1 in 145.21 (1 in 7.31, 1 in 2.39E+06)	319.694	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 6.25E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.09E+04, 1 in 1.00E+16)		
Grapes	Short Grass	0.02	1 in 4.35E+13 (1 in 2.50E+03, 1 in 1.00E+16)	0.19	1 in 1.51E+03 (1 in 13.01, 1 in 1.46E+10)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 3.59E+04, 1 in 1.00E+16)	0.09	1 in 9.10E+05 (1 in 56.56, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 1.71E+04, 1 in 1.00E+16)	0.11	1 in 1.37E+05 (1 in 36.99, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 2.39E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.59E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16	0.08	1 in 4.33E+06	85.4545	1 in 1.00

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			(1 in 6.47E+04, 1 in 1.00E+16)		(1 in 79.86, 1 in 1.00E+16)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.26E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.33E+06, 1 in 1.00E+16)		
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	Short Grass	0.08	1 in 2.11E+06 (1 in 68.12, 1 in 1.00E+16)	0.75	1 in 3.51 (1 in 2.50, 1 in 7.84)		
	Tall Grass	0.04	1 in 1.53E+10 (1 in 466.52, 1 in 1.00E+16)	0.34	1 in 55.09 (1 in 5.68, 1 in 7.08E+04)		
	Broadleaf Plants	0.05	1 in 1.19E+09 (1 in 270.32, 1 in 1.00E+16)	0.42	1 in 22.12 (1 in 4.43, 1 in 2.83E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.44E+05, 1 in 1.00E+16)	0.05	1 in 9.38E+08 (1 in 256.75, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.21E+11 (1 in 723.42, 1 in 1.00E+16)	0.29	1 in 122.23 (1 in 6.99, 1 in 1.27E+06)	330.069	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.28E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.75E+04, 1 in 1.00E+16)		
Hops	Short Grass	0.04	1 in 1.86E+09 (1 in 297.21, 1 in 1.00E+16)	0.41	1 in 25.75 (1 in 4.62, 1 in 4.79E+03)		
	Tall Grass	0.02	1 in 8.01E+13 (1 in 2.84E+03, 1 in 1.00E+16)	0.19	1 in 1.99E+03 (1 in 13.91, 1 in 4.20E+10)		
	Broadleaf Plants	0.02	1 in 3.90E+12 (1 in 1.51E+03, 1 in 1.00E+16)	0.23	1 in 517.26 (1 in 10.04, 1 in 2.64E+08)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 6.48E+06, 1 in 1.00E+16)	0.03	1 in 2.93E+12 (1 in 1.42E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 9.07E+14 (1 in 4.71E+03, 1 in 1.00E+16)	0.16	1 in 6.20E+03 (1 in 18.19, 1 in 3.15E+12)	179.03	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.51E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.93E+05, 1 in 1.00E+16)		
Pears, Mayhaw, Fruits (unspecified), Strawberry	Short Grass	0.09	1 in 6.08E+05 (1 in 51.70, 1 in 1.00E+16)	0.85	1 in 2.67 (1 in 2.25, 1 in 3.82)		
	Tall Grass	0.04	1 in 3.05E+09 (1 in 330.67, 1 in 1.00E+16)	0.39	1 in 30.66 (1 in 4.85, 1 in 8.82E+03)		
	Broadleaf Plants	0.05	1 in 2.62E+08 (1 in 195.12, 1 in 1.00E+16)	0.48	1 in 13.43 (1 in 3.84, 1 in 513.78)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 2.63E+05, 1 in 1.00E+16)	0.05	1 in 2.08E+08 (1 in 185.65, 1 in 1.00E+16)		
	Arthropods	0.04	1 in 2.24E+10	0.33	1 in 63.51	375.098	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 505.61, 1 in 1.00E+16)		(1 in 5.90, 1 in 1.18E+05)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.71E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.74E+04, 1 in 1.00E+16)		
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	Short Grass	0.04	1 in 7.59E+09 (1 in 401.69, 1 in 1.00E+16)	0.36	1 in 42.51 (1 in 5.30, 1 in 2.80E+04)		
	Tall Grass	0.02	1 in 4.57E+14 (1 in 4.08E+03, 1 in 1.00E+16)	0.17	1 in 4.47E+03 (1 in 16.85, 1 in 9.09E+11)		
	Broadleaf Plants	0.02	1 in 2.04E+13 (1 in 2.13E+03, 1 in 1.00E+16)	0.20	1 in 1.07E+03 (1 in 11.99, 1 in 4.04E+09)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.10E+07, 1 in 1.00E+16)	0.02	1 in 1.52E+13 (1 in 2.00E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 5.53E+15 (1 in 6.86E+03, 1 in 1.00E+16)	0.14	1 in 1.49E+04 (1 in 22.29, 1 in 8.89E+13)	159.847	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.90E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.67E+05, 1 in 1.00E+16)		
Root Crops	Short Grass	0.08	1 in 2.11E+06 (1 in 68.12, 1 in 1.00E+16)	0.75	1 in 3.51 (1 in 2.50, 1 in 7.84)		
	Tall Grass	0.04	1 in 1.53E+10 (1 in 466.52, 1 in 1.00E+16)	0.34	1 in 55.09 (1 in 5.68, 1 in 7.08E+04)		
	Broadleaf Plants	0.05	1 in 1.19E+09 (1 in 270.32, 1 in 1.00E+16)	0.42	1 in 22.12 (1 in 4.43, 1 in 2.83E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.44E+05, 1 in 1.00E+16)	0.05	1 in 9.38E+08 (1 in 256.75, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.21E+11 (1 in 723.42, 1 in 1.00E+16)	0.29	1 in 122.23 (1 in 6.99, 1 in 1.27E+06)	330.069	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.28E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.75E+04, 1 in 1.00E+16)		
Spinach	Short Grass	0.07	1 in 1.10E+07 (1 in 97.91, 1 in 1.00E+16)	0.64	1 in 5.31 (1 in 2.88, 1 in 25.89)		
	Tall Grass	0.03	1 in 1.27E+11 (1 in 731.29, 1 in 1.00E+16)	0.29	1 in 124.74 (1 in 7.03, 1 in 1.37E+06)		
	Broadleaf Plants	0.04	1 in 8.76E+09 (1 in 414.11, 1 in 1.00E+16)	0.36	1 in 44.79 (1 in 5.37, 1 in 3.38E+04)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 8.76E+05, 1 in 1.00E+16)	0.04	1 in 6.81E+09 (1 in 392.45, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.10E+12	0.25	1 in 302.08	280.988	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 1.15E+03, 1 in 1.00E+16)		(1 in 8.79, 1 in 3.56E+07)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.24E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 5.00E+04, 1 in 1.00E+16)		
Sweet corn	Short Grass	0.04	1 in 4.73E+09 (1 in 363.08, 1 in 1.00E+16)	0.38	1 in 35.82 (1 in 5.06, 1 in 1.53E+04)		
	Tall Grass	0.02	1 in 2.55E+14 (1 in 3.61E+03, 1 in 1.00E+16)	0.17	1 in 3.40E+03 (1 in 15.79, 1 in 3.20E+11)		
	Broadleaf Plants	0.02	1 in 1.17E+13 (1 in 1.90E+03, 1 in 1.00E+16)	0.21	1 in 836.36 (1 in 11.29, 1 in 1.60E+09)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 9.21E+06, 1 in 1.00E+16)	0.02	1 in 8.75E+12 (1 in 1.78E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 3.02E+15 (1 in 6.04E+03, 1 in 1.00E+16)	0.15	1 in 1.11E+04 (1 in 20.81, 1 in 2.87E+13)	165.98	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.34E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.00E+05, 1 in 1.00E+16)		
Tree Nut Crops (1)	Short Grass	0.09	1 in 1.09E+06 (1 in 58.84, 1 in 1.00E+16)	0.80	1 in 3.02 (1 in 2.36, 1 in 5.24)		
	Tall Grass	0.04	1 in 6.51E+09 (1 in 388.77, 1 in 1.00E+16)	0.37	1 in 40.21 (1 in 5.22, 1 in 2.30E+04)		
	Broadleaf Plants	0.05	1 in 5.34E+08 (1 in 227.43, 1 in 1.00E+16)	0.45	1 in 16.91 (1 in 4.10, 1 in 1.12E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 3.37E+05, 1 in 1.00E+16)	0.05	1 in 4.22E+08 (1 in 216.22, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 4.94E+10 (1 in 598.41, 1 in 1.00E+16)	0.31	1 in 86.03 (1 in 6.39, 1 in 3.53E+05)	353.019	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 3.72E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.16E+04, 1 in 1.00E+16)		
Tuberous and Corn Vegetables	Short Grass	0.06	1 in 2.93E+07 (1 in 121.35, 1 in 1.00E+16)	0.58	1 in 6.95 (1 in 3.14, 1 in 59.61)		
	Tall Grass	0.03	1 in 4.44E+11 (1 in 952.43, 1 in 1.00E+16)	0.27	1 in 206.82 (1 in 7.99, 1 in 8.77E+06)		
	Broadleaf Plants	0.04	1 in 2.85E+10 (1 in 532.29, 1 in 1.00E+16)	0.33	1 in 69.61 (1 in 6.04, 1 in 1.64E+05)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.30E+06, 1 in 1.00E+16)	0.04	1 in 2.20E+10 (1 in 503.81, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 4.07E+12	0.23	1 in 526.79	256.364	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 1.52E+03, 1 in 1.00E+16)		(1 in 10.09, 1 in 2.83E+08)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.04E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 7.07E+04, 1 in 1.00E+16)		
Agricultural Right- of-Ways/ Fencerows/ Hedgerows	Short Grass	0.04	1 in 1.80E+09 (1 in 295.37, 1 in 1.00E+16)	0.41	1 in 25.50 (1 in 4.61, 1 in 4.63E+03)		
	Tall Grass	0.02	1 in 7.73E+13 (1 in 2.82E+03, 1 in 1.00E+16)	0.19	1 in 1.96E+03 (1 in 13.85, 1 in 3.95E+10)		
	Broadleaf Plants	0.02	1 in 3.77E+12 (1 in 1.49E+03, 1 in 1.00E+16)	0.23	1 in 509.70 (1 in 10.01, 1 in 2.50E+08)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 6.41E+06, 1 in 1.00E+16)	0.03	1 in 2.83E+12 (1 in 1.41E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 8.74E+14 (1 in 4.67E+03, 1 in 1.00E+16)	0.16	1 in 6.09E+03 (1 in 18.11, 1 in 2.94E+12)	179.455	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.49E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.90E+05, 1 in 1.00E+16)		
Airports/ Landing Fields	Short Grass	0.00	1 in 1.00E+16 (1 in 2.80E+07, 1 in 1.00E+16)	0.02	1 in 2.97E+14 (1 in 3.73E+03, 1 in 1.00E+16)		
	Tall Grass	0.00	1 in 1.00E+16 (1 in 1.52E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 5.75E+04, 1 in 1.00E+16)		
	Broadleaf Plants	0.00	1 in 1.00E+16 (1 in 5.10E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.69E+04, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 3.13E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.60E+08, 1 in 1.00E+16)		
	Arthropods	0.00	1 in 1.00E+16 (1 in 3.59E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.05E+05, 1 in 1.00E+16)	8.20364	1 in 1.00 (1 in 1.03, 1 in 1.00)
	Granivores	0.00	#DIV/0!	0.00	1 in 1.00E+16 (1 in 2.80E+12, 1 in 1.00E+16)		
Christmas Tree Plantations, Golf Course Turf	Short Grass	0.04	1 in 3.28E+09 (1 in 335.88, 1 in 1.00E+16)	0.39	1 in 31.46 (1 in 4.88, 1 in 9.66E+03)		
	Tall Grass	0.02	1 in 1.62E+14 (1 in 3.29E+03, 1 in 1.00E+16)	0.18	1 in 2.76E+03 (1 in 15.03, 1 in 1.45E+11)		
	Broadleaf Plants	0.02	1 in 7.63E+12 (1 in 1.73E+03, 1 in 1.00E+16)	0.22	1 in 692.88 (1 in 10.79, 1 in 7.89E+08)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 8.03E+06, 1 in 1.00E+16)	0.02	1 in 5.72E+12 (1 in 1.63E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 1.89E+15	0.15	1 in 8.81E+03	170.909	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 5.48E+03, 1 in 1.00E+16)		(1 in 19.75, 1 in 1.21E+13)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.97E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.54E+05, 1 in 1.00E+16)		
Farm Premises/Buildings	Short Grass	0.01	1 in 1.00E+16 (1 in 1.42E+04, 1 in 1.00E+16)	0.11	1 in 8.60E+04 (1 in 33.31, 1 in 1.00E+16)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 2.73E+05, 1 in 1.00E+16)	0.05	1 in 2.32E+08 (1 in 190.05, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 1.20E+05, 1 in 1.00E+16)	0.06	1 in 2.35E+07 (1 in 115.60, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 3.88E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.11E+05, 1 in 1.00E+16)		
	Arthropods	0.00	1 in 1.00E+16 (1 in 5.22E+05, 1 in 1.00E+16)	0.04	1 in 1.50E+09 (1 in 283.85, 1 in 1.00E+16)	50.6715	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 3.68E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.07E+07, 1 in 1.00E+16)		
Forest Tree Plantations	Short Grass	0.08	1 in 2.44E+06 (1 in 70.35, 1 in 1.00E+16)	0.74	1 in 3.63 (1 in 2.53, 1 in 8.62)		
	Tall Grass	0.04	1 in 1.85E+10 (1 in 485.61, 1 in 1.00E+16)	0.34	1 in 59.12 (1 in 5.79, 1 in 9.12E+04)		
	Broadleaf Plants	0.05	1 in 1.42E+09 (1 in 280.79, 1 in 1.00E+16)	0.41	1 in 23.50 (1 in 4.50, 1 in 3.49E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.72E+05, 1 in 1.00E+16)	0.05	1 in 1.12E+09 (1 in 266.65, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.47E+11 (1 in 754.22, 1 in 1.00E+16)	0.29	1 in 132.20 (1 in 7.14, 1 in 1.69E+06)	325.277	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.70E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.90E+04, 1 in 1.00E+16)		
Forest Trees - unspecified, softwoods	Short Grass	0.04	1 in 4.10E+09 (1 in 352.25, 1 in 1.00E+16)	0.38	1 in 34.05 (1 in 4.99, 1 in 1.28E+04)		
	Tall Grass	0.02	1 in 2.14E+14 (1 in 3.48E+03, 1 in 1.00E+16)	0.17	1 in 3.13E+03 (1 in 15.49, 1 in 2.35E+11)		
	Broadleaf Plants	0.02	1 in 9.91E+12 (1 in 1.83E+03, 1 in 1.00E+16)	0.21	1 in 777.19 (1 in 11.09, 1 in 1.21E+09)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 8.73E+06, 1 in 1.00E+16)	0.02	1 in 7.41E+12 (1 in 1.72E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 2.52E+15	0.15	1 in 1.01E+04	167.875	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 5.82E+03, 1 in 1.00E+16)		(1 in 20.39, 1 in 2.05E+13)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.19E+10, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.81E+05, 1 in 1.00E+16)		
Non-agricultural Uncultivated Areas	Short Grass	0.05	1 in 3.60E+08 (1 in 208.97, 1 in 1.00E+16)	0.46	1 in 14.87 (1 in 3.95, 1 in 724.80)		
	Tall Grass	0.02	1 in 1.04E+13 (1 in 1.85E+03, 1 in 1.00E+16)	0.21	1 in 794.77 (1 in 11.15, 1 in 1.32E+09)		
	Broadleaf Plants	0.03	1 in 5.64E+11 (1 in 1.00E+03, 1 in 1.00E+16)	0.26	1 in 228.20 (1 in 8.20, 1 in 1.26E+07)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 3.47E+06, 1 in 1.00E+16)	0.03	1 in 4.28E+11 (1 in 945.11, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 1.09E+14 (1 in 3.02E+03, 1 in 1.00E+16)	0.18	1 in 2.29E+03 (1 in 14.38, 1 in 7.16E+10)	205.315	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 6.97E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.68E+05, 1 in 1.00E+16)		
Nursery Stock	Short Grass	0.02	1 in 4.35E+13 (1 in 2.50E+03, 1 in 1.00E+16)	0.19	1 in 1.51E+03 (1 in 13.01, 1 in 1.46E+10)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 3.59E+04, 1 in 1.00E+16)	0.09	1 in 9.10E+05 (1 in 56.56, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 1.71E+04, 1 in 1.00E+16)	0.11	1 in 1.37E+05 (1 in 36.99, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 2.39E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.59E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 6.47E+04, 1 in 1.00E+16)	0.08	1 in 4.33E+06 (1 in 79.86, 1 in 1.00E+16)	85.4545	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.26E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.33E+06, 1 in 1.00E+16)		
Ornamental & Shade Trees (1)	Short Grass	0.20	1 in 1.20E+03 (1 in 12.31, 1 in 6.14E+09)	1.84	1 in 1.13 (1 in 1.43, 1 in 1.01)		
	Tall Grass	0.09	1 in 6.57E+05 (1 in 52.59, 1 in 1.00E+16)	0.84	1 in 2.71 (1 in 2.27, 1 in 3.97)		
	Broadleaf Plants	0.11	1 in 1.01E+05 (1 in 34.56, 1 in 1.00E+16)	1.03	1 in 1.90 (1 in 1.95, 1 in 1.81)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 1.41E+04, 1 in 1.00E+16)	0.11	1 in 8.50E+04 (1 in 33.22, 1 in 1.00E+16)		
	Arthropods	0.08	1 in 3.06E+06	0.72	1 in 3.84	811.818	1 in 1.00

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			(1 in 73.99, 1 in 1.00E+16)		(1 in 2.58, 1 in 10.04)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 6.26E+06, 1 in 1.00E+16)	0.03	1 in 2.63E+12 (1 in 1.39E+03, 1 in 1.00E+16)		
Ornamental & Shade Trees (2)	Short Grass	0.12	1 in 7.05E+04 (1 in 31.84, 1 in 1.00E+16)	1.08	1 in 1.79 (1 in 1.90, 1 in 1.62)		
	Tall Grass	0.05	1 in 1.78E+08 (1 in 179.49, 1 in 1.00E+16)	0.49	1 in 11.89 (1 in 3.70, 1 in 341.71)		
	Broadleaf Plants	0.07	1 in 1.83E+07 (1 in 109.53, 1 in 1.00E+16)	0.61	1 in 6.09 (1 in 3.01, 1 in 39.58)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 1.02E+05, 1 in 1.00E+16)	0.07	1 in 1.48E+07 (1 in 104.56, 1 in 1.00E+16)		
	Arthropods	0.05	1 in 1.13E+09 (1 in 267.42, 1 in 1.00E+16)	0.42	1 in 21.75 (1 in 4.41, 1 in 2.66E+03)	476.016	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 8.09E+07, 1 in 1.00E+16)	0.01	1 in 9.14E+15 (1 in 7.61E+03, 1 in 1.00E+16)		
Ornamental Grasses	Short Grass	0.07	1 in 2.16E+07 (1 in 113.58, 1 in 1.00E+16)	0.60	1 in 6.38 (1 in 3.06, 1 in 45.64)		
	Tall Grass	0.03	1 in 3.02E+11 (1 in 877.97, 1 in 1.00E+16)	0.27	1 in 176.64 (1 in 7.68, 1 in 4.90E+06)		
	Broadleaf Plants	0.04	1 in 1.98E+10 (1 in 492.66, 1 in 1.00E+16)	0.34	1 in 60.65 (1 in 5.83, 1 in 9.99E+04)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.15E+06, 1 in 1.00E+16)	0.04	1 in 1.53E+10 (1 in 466.48, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 2.72E+12 (1 in 1.40E+03, 1 in 1.00E+16)	0.23	1 in 443.03 (1 in 9.67, 1 in 1.48E+08)	263.654	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 1.75E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 6.36E+04, 1 in 1.00E+16)		
Pave Area Perimeters	Short Grass	0.08	1 in 2.48E+06 (1 in 70.61, 1 in 1.00E+16)	0.74	1 in 3.65 (1 in 2.53, 1 in 8.71)		
	Tall Grass	0.04	1 in 1.89E+10 (1 in 487.87, 1 in 1.00E+16)	0.34	1 in 59.61 (1 in 5.80, 1 in 9.39E+04)		
	Broadleaf Plants	0.05	1 in 1.45E+09 (1 in 282.03, 1 in 1.00E+16)	0.41	1 in 23.67 (1 in 4.51, 1 in 3.57E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.76E+05, 1 in 1.00E+16)	0.05	1 in 1.14E+09 (1 in 267.82, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.51E+11	0.29	1 in 133.42	324.727	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 757.87, 1 in 1.00E+16)		(1 in 7.15, 1 in 1.75E+06)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.76E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.92E+04, 1 in 1.00E+16)		
Refuse/Solid Waste Sites (outdoors)	Short Grass	0.05	1 in 6.03E+08 (1 in 233.46, 1 in 1.00E+16)	0.45	1 in 17.60 (1 in 4.15, 1 in 1.29E+03)		
	Tall Grass	0.02	1 in 1.98E+13 (1 in 2.12E+03, 1 in 1.00E+16)	0.20	1 in 1.06E+03 (1 in 11.95, 1 in 3.86E+09)		
	Broadleaf Plants	0.03	1 in 1.04E+12 (1 in 1.14E+03, 1 in 1.00E+16)	0.25	1 in 294.07 (1 in 8.73, 1 in 3.22E+07)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 4.23E+06, 1 in 1.00E+16)	0.03	1 in 7.84E+11 (1 in 1.07E+03, 1 in 1.00E+16)		
	Arthropods	0.02	1 in 2.12E+14 (1 in 3.48E+03, 1 in 1.00E+16)	0.17	1 in 3.12E+03 (1 in 15.48, 1 in 2.32E+11)	196.545	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 8.91E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.01E+05, 1 in 1.00E+16)		
Residential Lawns (1)	Short Grass	0.01	1 in 1.00E+16 (1 in 1.12E+04, 1 in 1.00E+16)	0.12	1 in 4.85E+04 (1 in 29.24, 1 in 8.37E+15)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 2.08E+05, 1 in 1.00E+16)	0.06	1 in 1.08E+08 (1 in 161.05, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 9.27E+04, 1 in 1.00E+16)	0.07	1 in 1.15E+07 (1 in 98.88, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 2.69E+09, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 8.58E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16 (1 in 3.95E+05, 1 in 1.00E+16)	0.05	1 in 6.69E+08 (1 in 238.79, 1 in 1.00E+16)	54.1782	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 2.36E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.50E+07, 1 in 1.00E+16)		
Residential Lawns (3)	Short Grass	0.02	1 in 1.41E+15 (1 in 5.16E+03, 1 in 1.00E+16)	0.15	1 in 7.65E+03 (1 in 19.11, 1 in 7.05E+12)		
	Tall Grass	0.01	1 in 1.00E+16 (1 in 8.41E+04, 1 in 1.00E+16)	0.07	1 in 8.80E+06 (1 in 93.31, 1 in 1.00E+16)		
	Broadleaf Plants	0.01	1 in 1.00E+16 (1 in 3.87E+04, 1 in 1.00E+16)	0.09	1 in 1.11E+06 (1 in 59.16, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 7.77E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.60E+04, 1 in 1.00E+16)		
	Arthropods	0.01	1 in 1.00E+16	0.06	1 in 4.78E+07	68.1864	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 1.56E+05, 1 in 1.00E+16)		(1 in 134.97, 1 in 1.00E+16)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.29E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.12E+07, 1 in 1.00E+16)		
Right of Way (1)	Short Grass	0.00	1 in 1.00E+16 (1 in 7.99E+05, 1 in 1.00E+16)	0.04	1 in 5.19E+09 (1 in 370.34, 1 in 1.00E+16)		
	Tall Grass	0.00	1 in 1.00E+16 (1 in 2.77E+07, 1 in 1.00E+16)	0.02	1 in 2.86E+14 (1 in 3.70E+03, 1 in 1.00E+16)		
	Broadleaf Plants	0.00	1 in 1.00E+16 (1 in 1.05E+07, 1 in 1.00E+16)	0.02	1 in 1.30E+13 (1 in 1.94E+03, 1 in 1.00E+16)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 1.80E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.53E+06, 1 in 1.00E+16)		
	Arthropods	0.00	1 in 1.00E+16 (1 in 5.97E+07, 1 in 1.00E+16)	0.02	1 in 3.40E+15 (1 in 6.20E+03, 1 in 1.00E+16)	17.9455	1 in 1.00 (1 in 1.01, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.97E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.44E+10, 1 in 1.00E+16)		
Roses	Short Grass	0.08	1 in 2.11E+06 (1 in 68.12, 1 in 1.00E+16)	0.75	1 in 3.51 (1 in 2.50, 1 in 7.84)		
	Tall Grass	0.04	1 in 1.53E+10 (1 in 466.52, 1 in 1.00E+16)	0.34	1 in 55.09 (1 in 5.68, 1 in 7.08E+04)		
	Broadleaf Plants	0.05	1 in 1.19E+09 (1 in 270.32, 1 in 1.00E+16)	0.42	1 in 22.12 (1 in 4.43, 1 in 2.83E+03)		
	Fruits/Pods/Seeds	0.01	1 in 1.00E+16 (1 in 4.44E+05, 1 in 1.00E+16)	0.05	1 in 9.38E+08 (1 in 256.75, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.21E+11 (1 in 723.42, 1 in 1.00E+16)	0.29	1 in 122.23 (1 in 6.99, 1 in 1.27E+06)	330.069	1 in 1.00 (1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 5.28E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.75E+04, 1 in 1.00E+16)		
Sod farms, ornamental sod farms	Short Grass	0.08	1 in 2.90E+06 (1 in 73.10, 1 in 1.00E+16)	0.72	1 in 3.79 (1 in 2.57, 1 in 9.67)		
	Tall Grass	0.04	1 in 2.31E+10 (1 in 509.30, 1 in 1.00E+16)	0.33	1 in 64.33 (1 in 5.92, 1 in 1.24E+05)		
	Broadleaf Plants	0.04	1 in 1.76E+09 (1 in 293.77, 1 in 1.00E+16)	0.41	1 in 25.27 (1 in 4.60, 1 in 4.49E+03)		
	Fruits/Pods/Seeds	0.00	1 in 1.00E+16 (1 in 5.08E+05, 1 in 1.00E+16)	0.05	1 in 1.38E+09 (1 in 278.90, 1 in 1.00E+16)		
	Arthropods	0.03	1 in 1.86E+11	0.28	1 in 145.21	319.694	1 in 1.00

Use Category	Dietary Category	20 g Bird Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	15 g Mammal Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI	Invert Acute RQ	Chance of Individual Effect at RQ Based on Probit Slope & Slope's 95% CI
			(1 in 792.53, 1 in 1.00E+16)		(1 in 7.31, 1 in 2.39E+06)		(1 in 1.00, 1 in 1.00)
	Granivores	0.00	1 in 1.00E+16 (1 in 6.25E+08, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.09E+04, 1 in 1.00E+16)		

Table 10. T-HERPS estimated environmental concentration (EEC) results for amphibians and reptiles using default foliar half-life of 35 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian Acute dose based EEC (mg/kg/d)			Reptile Acute Dose- Based EEC (mg/kg/d)			Diet EECs (ppm)
			Size class (grams)			Size class (grams)			
			2	20	200	2	20	800	
Agricultural crops/ soils	0.0832, 3, 21	Broadleaf Plants/Sm. Insects	1.31	0.77	0.46	1.31	0.77	0.34	23.53
		Fruits/Pods/Seeds/Lg. Insects	0.15	0.09	0.05	0.15	0.09	0.04	2.61
		Sm. Herbivore Mammals	76.39	27.99	10.26	98.72	39.67	9.21	41.99
		Sm. Insectivore Mammal	4.77	1.75	0.64	6.17	2.48	0.58	2.62
		Sm. Amphibians	0.96	0.57	0.34	1.36	0.91	0.48	0.85
Alfalfa, Clover	0.1, 5, 45	Broadleaf Plants/Sm. Insects	1.26	0.74	0.44	1.26	0.74	0.32	22.62
		Fruits/Pods/Seeds/Lg. Insects	0.14	0.08	0.05	0.14	0.08	0.04	2.51
		Sm. Herbivore Mammals	73.44	26.91	9.86	94.90	38.13	8.85	40.36
		Sm. Insectivore Mammal	4.59	1.68	0.62	5.93	2.38	0.55	2.52
		Sm. Amphibians	0.92	0.54	0.32	1.31	0.88	0.47	0.82
Artichokes	0.1, 5, 15	Broadleaf Plants/Sm. Insects	2.26	1.34	0.79	2.26	1.34	0.58	40.63
		Fruits/Pods/Seeds/Lg. Insects	0.25	0.15	0.09	0.25	0.15	0.06	4.51
		Sm. Herbivore Mammals	131.91	48.34	17.71	170.47	68.50	15.90	72.50
		Sm. Insectivore Mammal	8.24	3.02	1.11	10.65	4.28	0.99	4.53
		Sm. Amphibians	1.65	0.98	0.58	2.34	1.58	0.84	1.47
Beets, garden beets	0.1, 4, 7	Broadleaf Plants/Sm. Insects	2.47	1.46	0.87	2.47	1.46	0.63	44.39
		Fruits/Pods/Seeds/Lg. Insects	0.27	0.16	0.10	0.27	0.16	0.07	4.93
		Sm. Herbivore Mammals	144.10	52.80	19.35	186.22	74.83	17.37	79.21
		Sm. Insectivore Mammal	9.01	3.30	1.21	11.64	4.68	1.09	4.95
		Sm. Amphibians	1.80	1.07	0.63	2.56	1.72	0.91	1.60
Bushberries	0.1, 5, 7	Broadleaf Plants/Sm. Insects	2.90	1.72	1.02	2.90	1.72	0.74	52.14
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.79
		Sm. Herbivore Mammals	169.27	62.03	22.73	218.75	87.90	20.40	93.04
		Sm. Insectivore Mammal	10.58	3.88	1.42	13.67	5.49	1.28	5.81
		Sm. Amphibians	2.12	1.26	0.74	3.01	2.02	1.07	1.88
Caneberries	0.1, 2, 14	Broadleaf Plants/Sm. Insects	1.32	0.78	0.46	1.32	0.78	0.34	23.73
		Fruits/Pods/Seeds/Lg. Insects	0.15	0.09	0.05	0.15	0.09	0.04	2.64
		Sm. Herbivore Mammals	77.04	28.23	10.34	99.55	40.00	9.28	42.34
		Sm. Insectivore Mammal	4.81	1.76	0.65	6.22	2.50	0.58	2.65
		Sm. Amphibians	0.96	0.57	0.34	1.37	0.92	0.49	0.86
Canola, rapeseed, crambe	0.04, 2, 14	Broadleaf Plants/Sm. Insects	0.53	0.31	0.19	0.53	0.31	0.14	9.49
		Fruits/Pods/Seeds/Lg. Insects	0.06	0.03	0.02	0.06	0.03	0.02	1.05
		Sm. Herbivore Mammals	30.81	11.29	4.14	39.82	16.00	3.71	16.94
		Sm. Insectivore Mammal	1.93	0.71	0.26	2.49	1.00	0.23	1.06
		Sm. Amphibians	0.39	0.23	0.14	0.55	0.37	0.20	0.34
Citrus crops	0.5, 1, N/A	Broadleaf Plants/Sm. Insects	3.75	2.22	1.32	3.75	2.22	0.96	67.50
		Fruits/Pods/Seeds/Lg. Insects	0.42	0.25	0.15	0.42	0.25	0.11	7.50
		Sm. Herbivore Mammals	219.12	80.29	29.42	283.17	113.79	26.41	120.44
		Sm. Insectivore Mammal	13.69	5.02	1.84	17.70	7.11	1.65	7.53
		Sm. Amphibians	2.74	1.62	0.96	3.89	2.62	1.39	2.44

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian Acute dose based EEC (mg/kg/d)			Reptile Acute Dose- Based EEC (mg/kg/d)			Diet EECs (ppm)
			Size class (grams)			Size class (grams)			
			2	20	200	2	20	800	
Corn	0.1, 3, 3	Broadleaf Plants/Sm. Insects	2.12	1.26	0.75	2.12	1.26	0.54	38.21
		Fruits/Pods/Seeds/Lg. Insects	0.24	0.14	0.08	0.24	0.14	0.06	4.25
		Sm. Herbivore Mammals	124.03	45.45	16.65	160.29	64.41	14.95	68.18
		Sm. Insectivore Mammal	7.75	2.84	1.04	10.02	4.03	0.93	4.26
		Sm. Amphibians	1.55	0.92	0.55	2.20	1.48	0.79	1.38
Cotton	0.1, 5, 3	Broadleaf Plants/Sm. Insects	3.34	1.98	1.17	3.34	1.98	0.86	60.15
		Fruits/Pods/Seeds/Lg. Insects	0.37	0.22	0.13	0.37	0.22	0.10	6.68
		Sm. Herbivore Mammals	195.26	71.55	26.22	252.33	101.40	23.53	107.32
		Sm. Insectivore Mammal	12.20	4.47	1.64	15.77	6.34	1.47	6.71
		Sm. Amphibians	2.44	1.45	0.86	3.47	2.33	1.24	2.17
Cucurbits:	0.1, 3, 7	Broadleaf Plants/Sm. Insects	1.97	1.17	0.69	1.97	1.17	0.51	35.48
		Fruits/Pods/Seeds/Lg. Insects	0.22	0.13	0.08	0.22	0.13	0.06	3.94
		Sm. Herbivore Mammals	115.19	42.21	15.47	148.86	59.82	13.88	63.31
		Sm. Insectivore Mammal	7.20	2.64	0.97	9.30	3.74	0.87	3.96
		Sm. Amphibians	1.44	0.85	0.51	2.05	1.38	0.73	1.28
Deciduous Fruits, Apple, Stone Fruits	0.21, 1, N/A	Broadleaf Plants/Sm. Insects	1.57	0.93	0.55	1.57	0.93	0.40	28.35
		Fruits/Pods/Seeds/Lg. Insects	0.17	0.10	0.06	0.17	0.10	0.04	3.15
		Sm. Herbivore Mammals	92.03	33.72	12.36	118.93	47.79	11.09	50.58
		Sm. Insectivore Mammal	5.75	2.11	0.77	7.43	2.99	0.69	3.16
		Sm. Amphibians	1.15	0.68	0.40	1.64	1.10	0.58	1.02
Dried Peas and Beans	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.75	0.44	0.26	0.75	0.44	0.19	13.50
		Fruits/Pods/Seeds/Lg. Insects	0.08	0.05	0.03	0.08	0.05	0.02	1.50
		Sm. Herbivore Mammals	43.82	16.06	5.88	56.63	22.76	5.28	24.09
		Sm. Insectivore Mammal	2.74	1.00	0.37	3.54	1.42	0.33	1.51
		Sm. Amphibians	0.55	0.32	0.19	0.78	0.52	0.28	0.49
Fruits (unspecified)	0.2, 2, 7	Broadleaf Plants/Sm. Insects	2.80	1.66	0.99	2.80	1.66	0.72	50.50
		Fruits/Pods/Seeds/Lg. Insects	0.31	0.18	0.11	0.31	0.18	0.08	5.61
		Sm. Herbivore Mammals	163.95	60.08	22.01	211.87	85.14	19.76	90.12
		Sm. Insectivore Mammal	10.25	3.75	1.38	13.24	5.32	1.23	5.63
		Sm. Amphibians	2.05	1.22	0.72	2.91	1.96	1.04	1.82
Grapes	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.75	0.44	0.26	0.75	0.44	0.19	13.50
		Fruits/Pods/Seeds/Lg. Insects	0.08	0.05	0.03	0.08	0.05	0.02	1.50
		Sm. Herbivore Mammals	43.82	16.06	5.88	56.63	22.76	5.28	24.09
		Sm. Insectivore Mammal	2.74	1.00	0.37	3.54	1.42	0.33	1.51
		Sm. Amphibians	0.55	0.32	0.19	0.78	0.52	0.28	0.49
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Broadleaf Plants/Sm. Insects	2.90	1.72	1.02	2.90	1.72	0.74	52.14
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.79
		Sm. Herbivore Mammals	169.27	62.03	22.73	218.75	87.90	20.40	93.04
		Sm. Insectivore Mammal	10.58	3.88	1.42	13.67	5.49	1.28	5.81
		Sm. Amphibians	2.12	1.26	0.74	3.01	2.02	1.07	1.88
Hops	0.1, 3, 21	Broadleaf Plants/Sm. Insects	1.57	0.93	0.55	1.57	0.93	0.40	28.28
		Fruits/Pods/Seeds/Lg. Insects	0.17	0.10	0.06	0.17	0.10	0.04	3.14
		Sm. Herbivore Mammals	91.81	33.64	12.33	118.65	47.68	11.07	50.46

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian Acute dose based EEC (mg/kg/d)			Reptile Acute Dose- Based EEC (mg/kg/d)			Diet EECs (ppm)
			Size class (grams)			Size class (grams)			
			2	20	200	2	20	800	
		Sm. Insectivore Mammal	5.74	2.10	0.77	7.42	2.98	0.69	3.15
		Sm. Amphibians	1.15	0.68	0.40	1.63	1.10	0.58	1.02
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Broadleaf Plants/Sm. Insects	3.29	1.95	1.16	3.29	1.95	0.84	59.26
		Fruits/Pods/Seeds/Lg. Insects	0.37	0.22	0.13	0.37	0.22	0.09	6.58
		Sm. Herbivore Mammals	192.36	70.49	25.83	248.59	99.89	23.18	105.73
		Sm. Insectivore Mammal	12.02	4.41	1.61	15.54	6.24	1.45	6.61
		Sm. Amphibians	2.41	1.43	0.85	3.42	2.30	1.22	2.14
Peppers, Succulent Beans and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Broadleaf Plants/Sm. Insects	1.40	0.83	0.49	1.40	0.83	0.36	25.25
		Fruits/Pods/Seeds/Lg. Insects	0.16	0.09	0.05	0.16	0.09	0.04	2.81
		Sm. Herbivore Mammals	81.97	30.04	11.01	105.94	42.57	9.88	45.06
		Sm. Insectivore Mammal	5.12	1.88	0.69	6.62	2.66	0.62	2.82
		Sm. Amphibians	1.03	0.61	0.36	1.46	0.98	0.52	0.91
Root Crops	0.1, 5, 7	Broadleaf Plants/Sm. Insects	2.90	1.72	1.02	2.90	1.72	0.74	52.14
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.79
		Sm. Herbivore Mammals	169.27	62.03	22.73	218.75	87.90	20.40	93.04
		Sm. Insectivore Mammal	10.58	3.88	1.42	13.67	5.49	1.28	5.81
		Sm. Amphibians	2.12	1.26	0.74	3.01	2.02	1.07	1.88
Spinach	0.1, 4, 7	Broadleaf Plants/Sm. Insects	2.47	1.46	0.87	2.47	1.46	0.63	44.39
		Fruits/Pods/Seeds/Lg. Insects	0.27	0.16	0.10	0.27	0.16	0.07	4.93
		Sm. Herbivore Mammals	144.10	52.80	19.35	186.22	74.83	17.37	79.21
		Sm. Insectivore Mammal	9.01	3.30	1.21	11.64	4.68	1.09	4.95
		Sm. Amphibians	1.80	1.07	0.63	2.56	1.72	0.91	1.60
Sweet corn	0.1, 2, 3	Broadleaf Plants/Sm. Insects	1.46	0.86	0.51	1.46	0.86	0.37	26.22
		Fruits/Pods/Seeds/Lg. Insects	0.16	0.10	0.06	0.16	0.10	0.04	2.91
		Sm. Herbivore Mammals	85.12	31.19	11.43	110.00	44.20	10.26	46.79
		Sm. Insectivore Mammal	5.32	1.95	0.71	6.88	2.76	0.64	2.92
		Sm. Amphibians	1.06	0.63	0.37	1.51	1.02	0.54	0.95
Tree Nut Crops (1)	0.18, 3, 15	Broadleaf Plants/Sm. Insects	3.10	1.84	1.09	3.10	1.84	0.79	55.77
		Fruits/Pods/Seeds/Lg. Insects	0.34	0.20	0.12	0.34	0.20	0.09	6.20
		Sm. Herbivore Mammals	181.04	66.34	24.31	233.96	94.01	21.82	99.51
		Sm. Insectivore Mammal	11.31	4.15	1.52	14.62	5.88	1.36	6.22
		Sm. Amphibians	2.26	1.34	0.80	3.22	2.16	1.15	2.01
Agricultural Right-of- Ways/ Fencerows/ Hedgerows	0.21, 1, N/A	Broadleaf Plants/Sm. Insects	1.57	0.93	0.55	1.57	0.93	0.40	28.35
		Fruits/Pods/Seeds/Lg. Insects	0.17	0.10	0.06	0.17	0.10	0.04	3.15
		Sm. Herbivore Mammals	92.03	33.72	12.36	118.93	47.79	11.09	50.58
		Sm. Insectivore Mammal	5.75	2.11	0.77	7.43	2.99	0.69	3.16
		Sm. Amphibians	1.15	0.68	0.40	1.64	1.10	0.58	1.02
Christmas Tree Plantations,	0.2, 1, N/A	Broadleaf Plants/Sm. Insects	1.50	0.89	0.53	1.50	0.89	0.38	27.00
		Fruits/Pods/Seeds/Lg. Insects	0.17	0.10	0.06	0.17	0.10	0.04	3.00

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian Acute dose based EEC (mg/kg/d)			Reptile Acute Dose- Based EEC (mg/kg/d)			Diet EECs (ppm)
			Size class (grams)			Size class (grams)			
			2	20	200	2	20	800	
Golf Course Turf		Sm. Herbivore Mammals	87.65	32.12	11.77	113.27	45.51	10.56	48.18
		Sm. Insectivore Mammal	5.48	2.01	0.74	7.08	2.84	0.66	3.01
		Sm. Amphibians	1.10	0.65	0.39	1.56	1.05	0.56	0.97
Farm Premises/ Buildings	0.0317, 2, 7	Broadleaf Plants/Sm. Insects	0.44	0.26	0.16	0.44	0.26	0.11	8.01
		Fruits/Pods/Seeds/Lg. Insects	0.05	0.03	0.02	0.05	0.03	0.01	0.89
		Sm. Herbivore Mammals	25.99	9.52	3.49	33.58	13.49	3.13	14.28
		Sm. Insectivore Mammal	1.62	0.60	0.22	2.10	0.84	0.20	0.89
		Sm. Amphibians	0.32	0.19	0.11	0.46	0.31	0.16	0.29
Forest Tree Plantations	0.205, 3, 30	Broadleaf Plants/Sm. Insects	2.85	1.69	1.00	2.85	1.69	0.73	51.39
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.71
		Sm. Herbivore Mammals	166.81	61.13	22.40	215.57	86.62	20.10	91.69
		Sm. Insectivore Mammal	10.43	3.82	1.40	13.47	5.41	1.26	5.73
		Sm. Amphibians	2.09	1.24	0.73	2.96	1.99	1.06	1.86
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Broadleaf Plants/Sm. Insects	1.47	0.87	0.52	1.47	0.87	0.38	26.52
		Fruits/Pods/Seeds/Lg. Insects	0.16	0.10	0.06	0.16	0.10	0.04	2.95
		Sm. Herbivore Mammals	86.09	31.55	11.56	111.26	44.71	10.38	47.32
		Sm. Insectivore Mammal	5.38	1.97	0.72	6.95	2.79	0.65	2.96
		Sm. Amphibians	1.08	0.64	0.38	1.53	1.03	0.55	0.96
Non- agricultural Uncultivated Areas	0.167, 3, 56	Broadleaf Plants/Sm. Insects	1.80	1.07	0.63	1.80	1.07	0.46	32.44
		Fruits/Pods/Seeds/Lg. Insects	0.20	0.12	0.07	0.20	0.12	0.05	3.60
		Sm. Herbivore Mammals	105.29	38.58	14.14	136.07	54.68	12.69	57.87
		Sm. Insectivore Mammal	6.58	2.41	0.88	8.50	3.42	0.79	3.62
		Sm. Amphibians	1.32	0.78	0.46	1.87	1.26	0.67	1.17
Nursery Stock	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.75	0.44	0.26	0.75	0.44	0.19	13.50
		Fruits/Pods/Seeds/Lg. Insects	0.08	0.05	0.03	0.08	0.05	0.02	1.50
		Sm. Herbivore Mammals	43.82	16.06	5.88	56.63	22.76	5.28	24.09
		Sm. Insectivore Mammal	2.74	1.00	0.37	3.54	1.42	0.33	1.51
		Sm. Amphibians	0.55	0.32	0.19	0.78	0.52	0.28	0.49
Ornamental & Shade Trees (1)	0.95, 1, N/A	Broadleaf Plants/Sm. Insects	7.12	4.22	2.50	7.12	4.22	1.83	128.25
		Fruits/Pods/Seeds/Lg. Insects	0.79	0.47	0.28	0.79	0.47	0.20	14.25
		Sm. Herbivore Mammals	416.32	152.56	55.90	538.02	216.20	50.18	228.84
		Sm. Insectivore Mammal	26.02	9.53	3.49	33.63	13.51	3.14	14.30
		Sm. Amphibians	5.21	3.09	1.83	7.40	4.98	2.64	4.63
Ornamental & Shade Trees (2)	0.3, 3, 30	Broadleaf Plants/Sm. Insects	4.18	2.48	1.47	4.18	2.48	1.07	75.20
		Fruits/Pods/Seeds/Lg. Insects	0.46	0.28	0.16	0.46	0.28	0.12	8.36
		Sm. Herbivore Mammals	244.11	89.45	32.78	315.47	126.77	29.42	134.18
		Sm. Insectivore Mammal	15.26	5.59	2.05	19.72	7.92	1.84	8.39
		Sm. Amphibians	3.05	1.81	1.07	4.34	2.92	1.55	2.72
Ornamental Grasses	0.232, 2, 56	Broadleaf Plants/Sm. Insects	2.31	1.37	0.81	2.31	1.37	0.59	41.65
		Fruits/Pods/Seeds/Lg. Insects	0.26	0.15	0.09	0.26	0.15	0.07	4.63
		Sm. Herbivore Mammals	135.21	49.55	18.16	174.73	70.21	16.30	74.32
		Sm. Insectivore Mammal	8.45	3.10	1.13	10.92	4.39	1.02	4.64
		Sm. Amphibians	1.69	1.00	0.59	2.40	1.62	0.86	1.50

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian Acute dose based EEC (mg/kg/d)			Reptile Acute Dose- Based EEC (mg/kg/d)			Diet EECs (ppm)
			Size class (grams)			Size class (grams)			
			2	20	200	2	20	800	
Pave Area Perimeters	0.38, 1, N/A	Broadleaf Plants/Sm. Insects	2.85	1.69	1.00	2.85	1.69	0.73	51.30
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.70
		Sm. Herbivore Mammals	166.53	61.02	22.36	215.21	86.48	20.07	91.53
		Sm. Insectivore Mammal	10.41	3.81	1.40	13.45	5.40	1.25	5.72
		Sm. Amphibians	2.08	1.23	0.73	2.96	1.99	1.06	1.85
Refuse/Solid Waste Sites (outdoors)	0.23, 1, N/A	Broadleaf Plants/Sm. Insects	1.72	1.02	0.61	1.72	1.02	0.44	31.05
		Fruits/Pods/Seeds/Lg. Insects	0.19	0.11	0.07	0.19	0.11	0.05	3.45
		Sm. Herbivore Mammals	100.79	36.93	13.53	130.26	52.34	12.15	55.40
		Sm. Insectivore Mammal	6.30	2.31	0.85	8.14	3.27	0.76	3.46
		Sm. Amphibians	1.26	0.75	0.44	1.79	1.21	0.64	1.12
Residential Lawns (1)	0.0634, 1, N/A	Broadleaf Plants/Sm. Insects	0.48	0.28	0.17	0.48	0.28	0.12	8.56
		Fruits/Pods/Seeds/Lg. Insects	0.05	0.03	0.02	0.05	0.03	0.01	0.95
		Sm. Herbivore Mammals	27.78	10.18	3.73	35.91	14.43	3.35	15.27
		Sm. Insectivore Mammal	1.74	0.64	0.23	2.24	0.90	0.21	0.95
		Sm. Amphibians	0.35	0.21	0.12	0.49	0.33	0.18	0.31
Residential Lawns (3)	0.06, 2, 56	Broadleaf Plants/Sm. Insects	0.60	0.35	0.21	0.60	0.35	0.15	10.77
		Fruits/Pods/Seeds/Lg. Insects	0.07	0.04	0.02	0.07	0.04	0.02	1.20
		Sm. Herbivore Mammals	34.97	12.81	4.70	45.19	18.16	4.21	19.22
		Sm. Insectivore Mammal	2.19	0.80	0.29	2.82	1.13	0.26	1.20
		Sm. Amphibians	0.44	0.26	0.15	0.62	0.42	0.22	0.39
Right of Way (1)	0.021, 1, N/A	Broadleaf Plants/Sm. Insects	0.16	0.09	0.06	0.16	0.09	0.04	2.84
		Fruits/Pods/Seeds/Lg. Insects	0.02	0.01	0.01	0.02	0.01	0.00	0.32
		Sm. Herbivore Mammals	9.20	3.37	1.24	11.89	4.78	1.11	5.06
		Sm. Insectivore Mammal	0.58	0.21	0.08	0.74	0.30	0.07	0.32
		Sm. Amphibians	0.12	0.07	0.04	0.16	0.11	0.06	0.10
Roses	0.1, 5, 7	Broadleaf Plants/Sm. Insects	2.90	1.72	1.02	2.90	1.72	0.74	52.14
		Fruits/Pods/Seeds/Lg. Insects	0.32	0.19	0.11	0.32	0.19	0.08	5.79
		Sm. Herbivore Mammals	169.27	62.03	22.73	218.75	87.90	20.40	93.04
		Sm. Insectivore Mammal	10.58	3.88	1.42	13.67	5.49	1.28	5.81
		Sm. Amphibians	2.12	1.26	0.74	3.01	2.02	1.07	1.88
Sod farms, ornamental sod farms	0.2, 2, 7	Broadleaf Plants/Sm. Insects	2.80	1.66	0.99	2.80	1.66	0.72	50.50
		Fruits/Pods/Seeds/Lg. Insects	0.31	0.18	0.11	0.31	0.18	0.08	5.61
		Sm. Herbivore Mammals	163.95	60.08	22.01	211.87	85.14	19.76	90.12
		Sm. Insectivore Mammal	10.25	3.75	1.38	13.24	5.32	1.23	5.63

Table 11. T-HERPS RQ values for amphibians using default foliar half-life of 35 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
Beets, garden beets	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.06
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.07
		Sm. Amphibians		0.00	0.00	0.00	0.02
Bushberries	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.24
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Citrus crops	0.5, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.90
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.10
		Sm. Herbivore Mammals		0.04	0.02	0.09	1.61
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.10
		Sm. Amphibians		0.00	0.00	0.00	0.03
Cotton	0.1, 5, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.80
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.09
		Sm. Herbivore Mammals		0.04	0.01	0.08	1.43
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.09
		Sm. Amphibians		0.00	0.00	0.00	0.03
Fruits (unspecified)	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.67
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.20
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.02
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.24
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.79
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.09
		Sm. Herbivore Mammals		0.04	0.01	0.08	1.41
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.09
		Sm. Amphibians		0.00	0.00	0.00	0.03
Root Crops	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.24
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Spinach	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.06
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.07
		Sm. Amphibians		0.00	0.00	0.00	0.02
Tree Nut Crops (1)	0.18, 3, 15	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.74
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.04	0.01	0.08	1.33
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Forest Tree Plantations	0.205, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.69
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.22
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.02
Ornamental & Shade Trees (1)	0.95, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.10	1.71
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.19
		Sm. Herbivore Mammals		0.08	0.03	0.18	3.05
		Sm. Insectivore Mammal		0.01	0.00	0.01	0.19
		Sm. Amphibians		0.00	0.00	0.00	0.06
Ornamental & Shade Trees (2)	0.3, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.06	1.00
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.11
		Sm. Herbivore Mammals		0.05	0.02	0.10	1.79
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.11
		Sm. Amphibians		0.00	0.00	0.00	0.04
Pave Area Perimeters	0.38, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.68
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.22
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.02
Roses	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.24
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Sod farms, ornamental sod farms	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.67
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.20
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.02

Table 12. T-HERPS RQ values for amphibians using a foliar half-life of 8.3 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
Agricultural crops/soils	0.0832, 3, 21	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.18
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.32
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Alfalfa, Clover	0.1, 5, 45	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.18
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.33
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Artichokes	0.1, 5, 15	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.25
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.03
		Sm. Herbivore Mammals		0.01	0.00	0.03	0.45
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Beets, garden beets	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.37
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.66
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Bushberries	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.69
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Caneberries	0.1, 2, 14	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.24
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.03
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.42
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Canola, rapeseed, crambe	0.04, 2, 14	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.09
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.01
		Sm. Herbivore Mammals		0.00	0.00	0.01	0.17
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.01
		Sm. Amphibians		0.00	0.00	0.00	0.00
Citrus crops	0.5, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.90
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.10
		Sm. Herbivore Mammals		0.04	0.02	0.09	1.61
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.10
		Sm. Amphibians		0.00	0.00	0.00	0.03
Corn	0.1, 3, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.43
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.05

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.77
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Cotton	0.1, 5, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.58
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.04
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Cucurbits:	0.1, 3, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.34
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.60
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Deciduous Fruits, Apple, Stone Fruits	0.21, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.67
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Dried Peas and Beans	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.18
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.32
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Fruits (unspecified)	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.00
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Grapes	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.18
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.32
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.69
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Hops	0.1, 3, 21	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.22
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.39
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Pears, Mayhaw,	0.167, 3, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
Fruits (unspecified), Strawberry		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.00
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Peppers, Succulent Peans and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	0.1, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.28
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.03
		Sm. Herbivore Mammals		0.01	0.01	0.03	0.50
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Root Crops	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.69
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Spinach	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.37
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.66
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Sweet corn	0.1, 2, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.32
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.03	0.57
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Tree Nut Crops (1)	0.18, 3, 15	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.44
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.05
		Sm. Herbivore Mammals		0.02	0.01	0.05	0.79
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	0.21, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.67
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Airports/ Landing Fields	0.0096, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.00	0.02
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.00
		Sm. Herbivore Mammals		0.00	0.00	0.00	0.03
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.00
		Sm. Amphibians		0.00	0.00	0.00	0.00
Christmas Tree Plantations, Golf Course Turf	0.2, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.36
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.64

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Farm Premises/Buildings	0.0317, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.09
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.01
		Sm. Herbivore Mammals		0.00	0.00	0.01	0.16
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.01
		Sm. Amphibians		0.00	0.00	0.00	0.00
Forest Tree Plantations	0.205, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.40
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.72
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Forest Trees - unspecified, softwoods	0.1058, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.21
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.37
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Non-agricultural Uncultivated Areas	0.167, 3, 56	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.30
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.03
		Sm. Herbivore Mammals		0.02	0.01	0.03	0.54
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Nursery Stock	0.1, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.18
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.02
		Sm. Herbivore Mammals		0.01	0.00	0.02	0.32
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.02
		Sm. Amphibians		0.00	0.00	0.00	0.01
Ornamental & Shade Trees (1)	0.95, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.10	1.71
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.19
		Sm. Herbivore Mammals		0.08	0.03	0.18	3.05
		Sm. Insectivore Mammal		0.01	0.00	0.01	0.19
		Sm. Amphibians		0.00	0.00	0.00	0.06
Ornamental & Shade Trees (2)	0.3, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.05
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.07
		Sm. Amphibians		0.00	0.00	0.00	0.02
Ornamental Grasses	0.232, 2, 56	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.42
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.05
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.75
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Pave Area Perimeters	0.38, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.68
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Amphibian				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	200		
		Sm. Herbivore Mammals		0.03	0.01	0.07	1.22
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.02
Refuse/Solid Waste Sites (outdoors)	0.23, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.41
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.05
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.74
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.01
Residential Lawns (1)	0.0634, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.11
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.01
		Sm. Herbivore Mammals		0.01	0.00	0.01	0.20
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.01
		Sm. Amphibians		0.00	0.00	0.00	0.00
Residential Lawns (3)	0.06, 2, 56	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.01	0.11
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.01
		Sm. Herbivore Mammals		0.01	0.00	0.01	0.19
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.01
		Sm. Amphibians		0.00	0.00	0.00	0.00
Right of Way (1)	0.021, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.00	0.04
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.00
		Sm. Herbivore Mammals		0.00	0.00	0.00	0.07
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.00
		Sm. Amphibians		0.00	0.00	0.00	0.00
Roses	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.02	0.01	0.04	0.69
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Sod farms, ornamental sod farms	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.03	0.01	0.06	1.00
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
				0.00	0.00	0.00	0.02

Table 13. T-HERPS RQ values for reptiles using default foliar half-life of 35 days)

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Reptile				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	800		
Beets, garden beets	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.04	0.01	0.05	0.81
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Bushberries	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.06	0.95
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Citrus crops	0.5, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.90
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.10
		Sm. Herbivore Mammals		0.06	0.01	0.07	1.23
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Cotton	0.1, 5, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.80
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.09
		Sm. Herbivore Mammals		0.06	0.01	0.06	1.09
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.07
		Sm. Amphibians		0.00	0.00	0.00	0.03
Fruits (unspecified)	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.67
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.05	0.01	0.05	0.92
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.06	0.95
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.79
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.09
		Sm. Herbivore Mammals		0.06	0.01	0.06	1.08
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.07
		Sm. Amphibians		0.00	0.00	0.00	0.02
Root Crops	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.06	0.95
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Spinach	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Reptile				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	800		
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.04	0.01	0.05	0.81
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Forest Tree Plantations	0.205, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.69
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.05	0.93
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Ornamental & Shade Trees (1)	0.95, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.10	1.71
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.19
		Sm. Herbivore Mammals		0.12	0.03	0.14	2.33
		Sm. Insectivore Mammal		0.01	0.00	0.01	0.15
		Sm. Amphibians		0.00	0.00	0.00	0.05
Ornamental & Shade Trees (2)	0.3, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.06	1.00
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.11
		Sm. Herbivore Mammals		0.07	0.02	0.08	1.37
		Sm. Insectivore Mammal		0.00	0.00	0.01	0.09
		Sm. Amphibians		0.00	0.00	0.00	0.03
Pave Area Perimeters	0.38, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.68
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.05	0.93
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Roses	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.70
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.06	0.95
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Sod farms, ornamental sod farms	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.67
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.05	0.01	0.05	0.92
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02

Table 14. T-HERPS RQ values for reptiles using a foliar half-life of 8.3 days

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Reptile				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	800		
Beets, garden beets	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.37
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.50
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Bushberries	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.52
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Citrus crops	0.5, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.05	0.90
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.10
		Sm. Herbivore Mammals		0.06	0.01	0.07	1.23
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.08
		Sm. Amphibians		0.00	0.00	0.00	0.03
Cotton	0.1, 5, 3	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.58
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.04	0.01	0.05	0.79
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Fruits (unspecified)	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.04	0.01	0.04	0.76
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.52
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Pears, Mayhaw, Fruits (unspecified), Strawberry	0.167, 3, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.04	0.01	0.04	0.77
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Root Crops	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.52
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Spinach	0.1, 4, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.37
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04

Use Category	App Rate (lb a.i./A), # Apps, Interval (d)	Dietary Category	Reptile				
			Acute dose RQs			Subacute dietary RQs	Chronic dietary RQs
			Size class (grams)				
			2	20	800		
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.50
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Tree Nut Crops (1)	0.18, 3, 15	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.44
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.05
		Sm. Herbivore Mammals		0.03	0.01	0.04	0.60
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.04
		Sm. Amphibians		0.00	0.00	0.00	0.01
Forest Tree Plantations	0.205, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.40
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.55
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Ornamental & Shade Trees (1)	0.95, 1, N/A	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.10	1.71
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.01	0.19
		Sm. Herbivore Mammals		0.12	0.03	0.14	2.33
		Sm. Insectivore Mammal		0.01	0.00	0.01	0.15
		Sm. Amphibians		0.00	0.00	0.00	0.05
Ornamental & Shade Trees (2)	0.3, 3, 30	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.59
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.07
		Sm. Herbivore Mammals		0.04	0.01	0.05	0.80
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02
Pave Area Perimeters	0.38, 1	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.04	0.68
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.08
		Sm. Herbivore Mammals		0.05	0.01	0.05	0.93
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.06
		Sm. Amphibians		0.00	0.00	0.00	0.02
Roses	0.1, 5, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.02	0.38
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.04
		Sm. Herbivore Mammals		0.03	0.01	0.03	0.52
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.03
		Sm. Amphibians		0.00	0.00	0.00	0.01
Sod farms, ornamental sod farms	0.2, 2, 7	Broadleaf Plants/Sm. Insects	0.00	0.00	0.00	0.03	0.56
		Fruits/Pods/Seeds/Lg. Insects	0.00	0.00	0.00	0.00	0.06
		Sm. Herbivore Mammals		0.04	0.01	0.04	0.76
		Sm. Insectivore Mammal		0.00	0.00	0.00	0.05
		Sm. Amphibians		0.00	0.00	0.00	0.02

Table 15. Probit-based individual effect chance (IEC) for birds, mammals and terrestrial invertebrates using T-HERPS with a default foliar dissipation half life of 35 days

Use Category	Dietary Category	2 g Herp. Acute RQ	Chance of Individual Effect at RQ or LOC Based on Probit Slope & Slope's 95% CI	20 g Herp. Acute RQ	Chance of Individual Effect at RQ or LOC Based on Probit Slope & Slope's 95% CI	200 g Herp. Acute RQ	Chance of Individual Effect at RQ or LOC Based on Probit Slope & Slope's 95% CI
Agricultural crops/soils	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 5.84E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.20E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.00E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 7.44E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.04	1 in 3.03E+09 (1 in 330.02, 1 in 1.00E+16)	0.02	1 in 4.94E+15 (1 in 6.70E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.79E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 7.79E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.18E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.76E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 3.48E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.06E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.28E+13, 1 in 1.00E+16)
Alfalfa, Clover	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 7.28E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.51E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.86E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 9.89E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.04	1 in 4.94E+09 (1 in 366.49, 1 in 1.00E+16)	0.01	1 in 9.36E+15 (1 in 7.65E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.28E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 9.36E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.46E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.79E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.38E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.03E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.96E+13, 1 in 1.00E+16)
Artichokes	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 3.08E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.12E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.04E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.62E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.28E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.07	1 in 6.13E+06 (1 in 86.18, 1 in 1.00E+16)	0.03	1 in 1.29E+12 (1 in 1.19E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.35E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 6.91E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.01E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.49E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.62E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.04E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.96E+11, 1 in 1.00E+16)
Beets, garden beets	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.95E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.14E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.16E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 8.88E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.33E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.08	1 in 2.49E+06 (1 in 70.69, 1 in 1.00E+16)	0.03	1 in 3.76E+11 (1 in 919.50, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.43E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 4.77E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.53E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.02E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.01E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.82E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.04E+11, 1 in 1.00E+16)
Bushberries	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16

			(1 in 8.66E+07, 1 in 1.00E+16)		(1 in 1.31E+09, 1 in 1.00E+16)		(1 in 2.41E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.03E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.07E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 5.21E+05 (1 in 49.96, 1 in 1.00E+16)	0.03	1 in 4.31E+10 (1 in 581.35, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.37E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.46E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.08E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.67E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.30E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.32E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.52E+11, 1 in 1.00E+16)
Caneberries	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 5.57E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.14E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.84E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 7.00E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.04	1 in 2.73E+09 (1 in 322.73, 1 in 1.00E+16)	0.02	1 in 4.31E+15 (1 in 6.51E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.69E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 7.49E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.13E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.57E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 3.32E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.65E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.16E+13, 1 in 1.00E+16)
Canola, rapeseed, crambe	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.26E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.67E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.31E+15, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 1.07E+15 (1 in 4.87E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.89E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.52E+07, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 7.07E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.10E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.31E+14, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 9.28E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.05E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
Citrus crops	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.44E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.33E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.57E+09, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 5.62E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.79E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.00E+15, 1 in 1.00E+16)
	Small Herbivore Mammals	0.12	1 in 5.18E+04 (1 in 29.69, 1 in 1.00E+16)	0.04	1 in 1.64E+09 (1 in 289.47, 1 in 1.00E+16)	0.02	1 in 2.22E+15 (1 in 5.67E+03, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 8.85E+04, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.19E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.04E+08, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.14E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.76E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.32E+10, 1 in 1.00E+16)
Corn	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 4.25E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.22E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.50E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 2.46E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.79E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.07	1 in 1.17E+07 (1 in 99.24, 1 in 1.00E+16)	0.03	1 in 3.08E+12 (1 in 1.43E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.21E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 8.98E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.53E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.12E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 2.27E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.35E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.02E+12, 1 in 1.00E+16)

Cotton	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 4.27E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.10E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.06E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.18E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.95E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.11	1 in 1.41E+05 (1 in 37.25, 1 in 1.00E+16)	0.04	1 in 6.85E+09 (1 in 392.99, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 8.35E+03, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 1.39E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.06E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.68E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 2.05E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.31E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.51E+10, 1 in 1.00E+16)
Cucurbits:	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 6.26E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.10E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.34E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 4.09E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.06	1 in 2.57E+07 (1 in 117.98, 1 in 1.00E+16)	0.02	1 in 8.98E+12 (1 in 1.79E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 5.56E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.24E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.38E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.25E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 3.40E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.71E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.62E+12, 1 in 1.00E+16)
Deciduous Fruits, Apple, Stone Fruits	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.09E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.98E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.29E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.97E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 3.22E+08 (1 in 204.01, 1 in 1.00E+16)	0.02	1 in 2.61E+14 (1 in 3.63E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.32E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 3.33E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.40E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.22E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.19E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.57E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.77E+12, 1 in 1.00E+16)
Dried Peas and Beans	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.46E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.70E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.15E+14, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 5.21E+12 (1 in 1.60E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.82E+04, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.00E+06, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.14E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.62E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.26E+13, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 9.89E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.84E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.97E+14, 1 in 1.00E+16)
Fruits (unspecified)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.02E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.55E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.90E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.74E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.34E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 7.06E+05 (1 in 53.44, 1 in 1.00E+16)	0.03	1 in 6.58E+10 (1 in 635.79, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.53E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.80E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.42E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.38E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16

			(1 in 5.08E+08, 1 in 1.00E+16)		(1 in 8.76E+09, 1 in 1.00E+16)		(1 in 1.85E+11, 1 in 1.00E+16)
Grapes	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.46E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.70E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.15E+14, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 5.21E+12 (1 in 1.60E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.82E+04, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.00E+06, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.14E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.62E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.26E+13, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 9.89E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.84E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.97E+14, 1 in 1.00E+16)
Head and Stem Brassica; Lettuce, Leafy Petiole Vegetables	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 8.66E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.31E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.41E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.03E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.07E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 5.21E+05 (1 in 49.96, 1 in 1.00E+16)	0.03	1 in 4.31E+10 (1 in 581.35, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.37E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.46E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.08E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.67E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.30E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.32E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.52E+11, 1 in 1.00E+16)
Hops	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.12E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.04E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.43E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 2.00E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 3.31E+08 (1 in 205.23, 1 in 1.00E+16)	0.02	1 in 2.71E+14 (1 in 3.66E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.33E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 3.36E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.45E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.24E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.21E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.61E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.88E+12, 1 in 1.00E+16)
Pears, Mayhaw, Fruits (unspecified), Strawberry	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 4.59E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.60E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.16E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.31E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.38E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.11	1 in 1.61E+05 (1 in 38.39, 1 in 1.00E+16)	0.04	1 in 8.27E+09 (1 in 409.15, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 8.79E+03, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 1.47E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.13E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.82E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 2.22E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.59E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.11E+10, 1 in 1.00E+16)
Peppers, Succulent Peas and Beans; Tomato & Tomatillo; Eggplant, Ground Cherry, Pepino	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 3.94E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.86E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.92E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 4.48E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 1.28E+09 (1 in 274.26, 1 in 1.00E+16)	0.02	1 in 1.60E+15 (1 in 5.30E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.09E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 5.63E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.10E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.45E+11, 1 in 1.00E+16)

	Small Amphibians	0.00	1 in 1.00E+16 (1 in 2.31E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.21E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.44E+13, 1 in 1.00E+16)
Root Crops	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 8.66E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.31E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.41E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.03E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.07E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 5.21E+05 (1 in 49.96, 1 in 1.00E+16)	0.03	1 in 4.31E+10 (1 in 581.35, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.37E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.46E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.08E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.67E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.30E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.32E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.52E+11, 1 in 1.00E+16)
Spinach	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.95E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.14E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.16E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 8.88E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.33E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.08	1 in 2.49E+06 (1 in 70.69, 1 in 1.00E+16)	0.03	1 in 3.76E+11 (1 in 919.50, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.43E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 4.77E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.53E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.02E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.01E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.82E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.04E+11, 1 in 1.00E+16)
Sweet corn	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 3.20E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.29E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.51E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.42E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 8.11E+08 (1 in 248.83, 1 in 1.00E+16)	0.02	1 in 8.81E+14 (1 in 4.68E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.80E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 4.74E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.63E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.95E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.86E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.14E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.12E+13, 1 in 1.00E+16)
Tree Nut Crops (1)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 6.20E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.11E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.64E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.94E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.68E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.10	1 in 2.79E+05 (1 in 43.44, 1 in 1.00E+16)	0.04	1 in 1.80E+10 (1 in 482.65, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.08E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 1.88E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.51E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.54E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 3.03E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.03E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.02E+11, 1 in 1.00E+16)
Agricultural Right-of-Ways/ Fencerows/ Hedgerows	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.09E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.98E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.29E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.97E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 3.22E+08 (1 in 204.01, 1 in 1.00E+16)	0.02	1 in 2.61E+14 (1 in 3.63E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.32E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16	0.00	1 in 1.00E+16

			(1 in 3.33E+06, 1 in 1.00E+16)		(1 in 4.40E+08, 1 in 1.00E+16)		(1 in 1.22E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.19E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.57E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.77E+12, 1 in 1.00E+16)
Airports/ Landing Fields	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.00	1 in 1.00E+16 (1 in 1.41E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.34E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.19E+11, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.17E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
Christmas Tree Plantations, Golf Course Turf	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.73E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.30E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.26E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 2.78E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 5.72E+08 (1 in 230.86, 1 in 1.00E+16)	0.02	1 in 5.57E+14 (1 in 4.25E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.60E+05, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 4.15E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.68E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.63E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.58E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.46E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.29E+12, 1 in 1.00E+16)
Farm Premises/Buildings	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 3.70E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.15E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.39E+15, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.01	1 in 1.00E+16 (1 in 8.61E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.78E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.45E+07, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.76E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.93E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.21E+14, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 2.84E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.96E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
Forest Tree Plantations	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 9.31E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.41E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.62E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.34E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.18E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 5.99E+05 (1 in 51.52, 1 in 1.00E+16)	0.03	1 in 5.23E+10 (1 in 605.62, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.44E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.61E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.23E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.98E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.64E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.94E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.66E+11, 1 in 1.00E+16)
Forest Trees - unspecified, softwoods	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 3.01E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.89E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.41E+12, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.16E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.05	1 in 7.08E+08 (1 in 241.68, 1 in 1.00E+16)	0.02	1 in 7.37E+14 (1 in 4.51E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.72E+05, 1 in 1.00E+16)

	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 4.50E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.25E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.82E+11, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.75E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.86E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.04E+13, 1 in 1.00E+16)
Non-agricultural Uncultivated Areas	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.01E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.83E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.05E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 7.64E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.06	1 in 6.92E+07 (1 in 146.28, 1 in 1.00E+16)	0.02	1 in 3.38E+13 (1 in 2.37E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 7.82E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.83E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.19E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.49E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 5.60E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.14E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.86E+12, 1 in 1.00E+16)
Nursery Stock	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.46E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.70E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.15E+14, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 5.21E+12 (1 in 1.60E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 4.82E+04, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.00E+06, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.14E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.62E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.26E+13, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 9.89E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.84E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.97E+14, 1 in 1.00E+16)
Ornamental & Shade Trees (1)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.29E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.38E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.80E+08, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.05E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.62E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.99E+13, 1 in 1.00E+16)
	Small Herbivore Mammals	0.23	1 in 474.01 (1 in 9.83, 1 in 1.91E+08)	0.08	1 in 1.42E+06 (1 in 62.39, 1 in 1.00E+16)	0.03	1 in 1.73E+11 (1 in 780.02, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 8.57E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 3.76E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.43E+07, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 5.23E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.30E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.27E+08, 1 in 1.00E+16)
Ornamental & Shade Trees (2)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.46E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.91E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.06E+09, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 2.82E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.61E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.23E+15, 1 in 1.00E+16)
	Small Herbivore Mammals	0.14	1 in 2.12E+04 (1 in 24.19, 1 in 3.47E+14)	0.05	1 in 4.49E+08 (1 in 219.19, 1 in 1.00E+16)	0.02	1 in 4.05E+14 (1 in 3.98E+03, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 5.85E+04, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.78E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.10E+08, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 6.66E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.84E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.78E+10, 1 in 1.00E+16)
Ornamental Grasses	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.71E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.46E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.97E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.37E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.26E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.08	1 in 4.75E+06	0.03	1 in 9.09E+11	0.01	1 in 1.00E+16

			(1 in 81.49, 1 in 1.00E+16)		(1 in 1.11E+03, 1 in 1.00E+16)		(1 in 3.06E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 6.23E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.20E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.29E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.42E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.63E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.98E+11, 1 in 1.00E+16)
Pave Area Perimeters	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 9.39E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.43E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.65E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.37E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.20E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 6.08E+05 (1 in 51.70, 1 in 1.00E+16)	0.03	1 in 5.35E+10 (1 in 608.50, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.45E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.63E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.25E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.02E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.68E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.02E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.68E+11, 1 in 1.00E+16)
Refuse/Solid Waste Sites (outdoors)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.28E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.35E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.29E+11, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.04E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.06	1 in 1.13E+08 (1 in 162.72, 1 in 1.00E+16)	0.02	1 in 6.51E+13 (1 in 2.72E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 9.26E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 2.22E+06, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.74E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.10E+10, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 7.14E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.48E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.78E+12, 1 in 1.00E+16)
Residential Lawns (1)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 2.42E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.33E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.72E+15, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 5.57E+15 (1 in 6.87E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 2.87E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.50E+07, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 1.23E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.93E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.65E+14, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.82E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 6.25E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
Residential Lawns (3)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 5.75E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.59E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.41E+14, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.02	1 in 1.50E+14 (1 in 3.23E+03, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.15E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.42E+06, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 3.64E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 9.82E+10, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.59E+13, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.11E+12, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.29E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.94E+15, 1 in 1.00E+16)
Right of Way (1)	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 4.16E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)

	Small Herbivore Mammals	0.01	1 in 1.00E+16 (1 in 4.36E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.08E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.98E+09, 1 in 1.00E+16)
	Small Insectivore Mammal	0.00	1 in 1.00E+16 (1 in 7.32E+11, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 5.33E+14, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
Roses	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 8.66E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.31E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.41E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.03E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.07E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 5.21E+05 (1 in 49.96, 1 in 1.00E+16)	0.03	1 in 4.31E+10 (1 in 581.35, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.37E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.46E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.08E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 3.67E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 4.30E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 7.32E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.52E+11, 1 in 1.00E+16)
Sod farms, ornamental sod farms	Broadleaf Plants/Small Insects	0.00	1 in 1.00E+16 (1 in 1.02E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.55E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.90E+10, 1 in 1.00E+16)
	Fruits/Pods/Seeds/Large Insects	0.00	1 in 1.00E+16 (1 in 3.74E+13, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.34E+15, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.00E+16, 1 in 1.00E+16)
	Small Herbivore Mammals	0.09	1 in 7.06E+05 (1 in 53.44, 1 in 1.00E+16)	0.03	1 in 6.58E+10 (1 in 635.79, 1 in 1.00E+16)	0.01	1 in 1.00E+16 (1 in 1.53E+04, 1 in 1.00E+16)
	Small Insectivore Mammal	0.01	1 in 1.00E+16 (1 in 2.80E+05, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 2.42E+07, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 4.38E+09, 1 in 1.00E+16)
	Small Amphibians	0.00	1 in 1.00E+16 (1 in 5.08E+08, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 8.76E+09, 1 in 1.00E+16)	0.00	1 in 1.00E+16 (1 in 1.85E+11, 1 in 1.00E+16)