

## APPENDIX M. PRZM/EXAMS Tables (EECs, RQs) and AgDRIFT Buffer and Percent Spray Drift Analysis

**Table 1.** Buffer Widths for Naled Uses, and Spray Drift Calculated from AgDrift.

<b>Application Type:</b>	<b>Application Method:</b>	<b>Application Rate (lb/ac):</b>	<b>Buffer Width (ft):</b>	<b>% Spray Drift:</b>
Ag. (e.g., citrus)	Air spray	1.9	150	12
Orchard	Ground spray	1.9	25	2.7
Vineyard	Airblast	0.5	50	0.6
Ag (e.g., sugarbeets)	Air spray	0.9	150	12
Range (flies)	Air spray	0.9	10	11

**Table 2.** Modeling Information for Runs Conducted with AgDrift

<b>Model Used</b>	<b>App. Rate(s) (lbs a.i./A)</b>	<b>App. Method(s)</b>	<b>Buffer (feet)</b>	<b>Uses Covered</b>
AgDRIFT	1.9	Aerial spray (very fine)	150 – on label	orange lemon grapefruit tangerine
AgDRIFT	1.9	Ground spray	25 – on label	peaches
AgDRIFT	0.5	Airblast	50 – on label	grapes
AgDRIFT	0.9	Aerial spray (very fine)	150 – on label	sugar beets
AgDRIFT	0.9	Aerial spray (very fine)	10 – minimum required, from label	Horn flies (rangeland)

**Table 3.** Acute and Chronic RQs for Freshwater Fish.

<b>Uses/Application Rate</b>	<b>Species</b>	<b>Peak EEC (µg/L)</b>	<b>60-day EEC (µg/L)</b>	<b>Acute RQ*</b>	<b>Chronic RQ*</b>
almond, walnut Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray	Acute: Lake trout Chronic: Fathead minnow	2.47	0.25	0.03	0.09
orange, lemon, grapefruit, tangerine Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12% drift)	Acute: Lake trout Chronic: Fathead minnow	17.54	3.29	<b>0.19</b>	<b>1.13</b>
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Lake trout Chronic: Fathead minnow	12.88	1.55	<b>0.14</b>	0.53

Uses/Application Rate	Species	Peak EEC (µg/L)	60-day EEC (µg/L)	Acute RQ*	Chronic RQ*
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	24.66	7.95	<b>0.27</b>	<b>2.74</b>
Cotton Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	11.16	2.90	<b>0.12</b>	<b>1.00</b>
Cotton Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	Acute: Lake trout Chronic: Fathead minnow	8.74	0.99	<b>0.10</b>	0.34
Peaches Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray (2.7%)	Acute: Lake trout Chronic: Fathead minnow	3.35	0.26	0.04	0.09
Grapes (max apps) Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 11, Airblast	Acute: Lake trout Chronic: Fathead minnow	0.39	0.13	< 0.01	0.05
Grapes (max rate) Max App Rate: 0.9 lb a.i./A, Interval: 8 days, Max apps: 6, Airblast	Acute: Lake trout Chronic: Fathead minnow	0.71	0.21	0.01	0.07
Grapes Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 11, Ground spray	Acute: Lake trout Chronic: Fathead minnow	0.29	0.08	< 0.01	0.03
Brussels sprouts, swiss chard Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	17.24	5.56	<b>0.19</b>	<b>1.92</b>
Eggplant, summer squash, cataloupes, muskmelons, melons Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	16.60	3.88	<b>0.18</b>	<b>1.34</b>
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Lake trout Chronic: Fathead minnow	6.52	0.69	<b>0.07</b>	0.24
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	16.86	5.12	<b>0.18</b>	<b>1.77</b>

Uses/Application Rate	Species	Peak EEC (µg/L)	60-day EEC (µg/L)	Acute RQ*	Chronic RQ*
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	Acute: Lake trout Chronic: Fathead minnow	1.06	0.21	0.01	0.07
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	12.93	4.23	<b>0.14</b>	<b>1.46</b>
Peppers Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	17.49	3.52	<b>0.19</b>	<b>1.21</b>
Strawberries Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	8.52	2.88	<b>0.09</b>	0.99
Safflower Max App Rate: 2.1 lb a.i./A, Interval: 7 days, Max apps: 2, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	7.23	1.96	<b>0.08</b>	0.68
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	7.10	2.57	<b>0.08</b>	0.89
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Ground spray	Acute: Lake trout Chronic: Fathead minnow	2.43	0.22	0.03	0.08
Mosquitoes, Flies, etc. (Rangeland) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Lake trout Chronic: Fathead minnow	1.31	0.91	0.01	0.31
Mosquitoes, Flies, etc. (Impervious surfaces) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Lake trout Chronic: Fathead minnow	5.25	1.37	<b>0.06</b>	0.47
Mosquitoes, Flies, etc. (Forestry) Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Lake trout Chronic: Fathead minnow	13.75	10.09	<b>0.15</b>	<b>3.48</b>

Uses/Application Rate	Species	Peak EEC (µg/L)	60-day EEC (µg/L)	Acute RQ*	Chronic RQ*
Mosquitoes, Flies, etc. (Residential) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Lake trout Chronic: Fathead minnow	2.58	1.04	0.03	0.36
Mosquitoes, Flies, etc. (Swamp)	Acute: Lake trout Chronic: Fathead minnow	505	505	<b>5.49</b>	<b>174.14</b>
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Lake trout Chronic: Fathead minnow	1.99	0.56	0.02	0.19
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	7.23	1.96	<b>0.08</b>	0.68
Alfalfa Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Lake trout Chronic: Fathead minnow	14.39	3.00	<b>0.16</b>	<b>1.03</b>
Ornamental shrubs, flowering plants, outdoor nursery ops Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Ground spray	Acute: Lake trout Chronic: Fathead minnow	46.47	4.60	<b>0.51</b>	<b>1.59</b>
* = LOC exceedances (acute RQ ≥ 0.05; chronic RQ ≥ 1.0) are <b>bolded</b> . Acute RQ = use-specific peak EEC / [92 ppb - acute freshwater fish endpoint]. Chronic RQ = use-specific 60-day EEC / [2.9 ppb -chronic freshwater fish endpoint].					

**Table 4 (Table 31)** Summary of Acute and Chronic RQs for Aquatic Freshwater Invertebrates.

Uses/Application Rate	Species	Peak EEC (µg/L)	21-day EEC (µg/L)	Acute RQ*	Chronic RQ*
almond, walnut Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	2.47	0.64	<b>21.68</b>	<b>64.36</b>
orange, lemon, grapefruit, tangerine Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12% drift)	Acute: Daphnia pulex Chronic: Daphnia magna	17.54	8.50	<b>153.86</b>	<b>850.00</b>

Uses/Application Rate	Species	Peak EEC (µg/L)	21-day EEC (µg/L)	Acute RQ*	Chronic RQ*
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	12.88	2.91	<b>112.98</b>	<b>291.00</b>
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	24.66	13.26	<b>216.32</b>	<b>1326.00</b>
Cotton Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	11.16	4.99	<b>97.86</b>	<b>499.39</b>
Cotton Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	8.74	2.65	<b>76.67</b>	<b>264.56</b>
Peaches Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray (2.7%)	Acute: Daphnia pulex Chronic: Daphnia magna	3.35	0.74	<b>29.39</b>	<b>74.00</b>
Grapes (max apps) Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 11, Airblast	Acute: Daphnia pulex Chronic: Daphnia magna	0.39	0.16	<b>3.43</b>	<b>16.18</b>
Grapes (max rate) Max App Rate: 0.9 lb a.i./A, Interval: 8 days, Max apps: 6, Airblast	Acute: Daphnia pulex Chronic: Daphnia magna	0.72	0.32	<b>6.29</b>	<b>31.52</b>
Grapes Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 11, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	0.29	0.10	<b>2.54</b>	<b>10.00</b>
Brussels sprouts, Swiss chard Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	17.24	9.44	<b>151.23</b>	<b>944.00</b>
Eggplant, summer squash, cataloupes, muskmelons, melons Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	16.60	8.23	<b>145.59</b>	<b>823.40</b>

<b>Uses/Application Rate</b>	<b>Species</b>	<b>Peak EEC (µg/L)</b>	<b>21-day EEC (µg/L)</b>	<b>Acute RQ*</b>	<b>Chronic RQ*</b>
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	6.52	1.57	<b>57.19</b>	<b>157.00</b>
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	16.86	9.20	<b>147.89</b>	<b>920.00</b>
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	1.06	0.54	<b>9.31</b>	<b>53.53</b>
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	12.93	7.19	<b>113.40</b>	<b>718.69</b>
Peppers Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	17.49	8.94	<b>153.42</b>	<b>894.00</b>
Strawberries Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	8.52	4.72	<b>74.74</b>	<b>472.00</b>
Safflower Max App Rate: 2.1 lb a.i./A, Interval: 7 days, Max apps: 2, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	7.23	3.34	<b>63.38</b>	<b>334.30</b>
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	7.10	3.08	<b>62.28</b>	<b>308.00</b>
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	2.43	0.42	<b>21.32</b>	<b>42.00</b>
Mosquitoes, Flies, etc. (Rangeland) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Daphnia pulex Chronic: Daphnia magna	1.31	0.95	<b>11.45</b>	<b>95.46</b>
Mosquitoes, Flies, etc. (Impervious Surfaces) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Daphnia pulex Chronic: Daphnia magna	5.25	2.02	<b>46.08</b>	<b>202.08</b>

Uses/Application Rate	Species	Peak EEC (µg/L)	21-day EEC (µg/L)	Acute RQ*	Chronic RQ*
Mosquitoes, Flies, etc. (Forestry) Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Daphnia pulex Chronic: Daphnia magna	13.75	10.28	<b>120.61</b>	<b>1028.20</b>
Mosquitoes, Flies, etc. (Residential) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	Acute: Daphnia pulex Chronic: Daphnia magna	2.58	1.34	<b>22.62</b>	<b>133.72</b>
Mosquitoes, Flies, etc. (Swamp)	Acute: Daphnia pulex Chronic: Daphnia magna	505	505	<b>4429.82</b>	<b>50500</b>
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	1.99	1.00	<b>17.46</b>	<b>100.00</b>
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	7.23	3.34	<b>63.38</b>	<b>334.30</b>
Alfalfa Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	Acute: Daphnia pulex Chronic: Daphnia magna	14.39	7.22	<b>126.23</b>	<b>722.00</b>
Ornamental shrubs, flowering plants, outdoor nursery ops Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Ground spray	Acute: Daphnia pulex Chronic: Daphnia magna	46.47	11.76	<b>407.59</b>	<b>1175.90</b>
* = LOC exceedances (acute RQ ≥ 0.05; chronic RQ ≥ 1.0) are <b>bolded</b> . Acute RQ = use-specific peak EEC / [0.114 ppb -freshwater invertebrate endpoint]. Chronic RQ = use-specific 21-day EEC / [0.01 ppb - chronic freshwater invertebrate endpoint].					

**Table 5. Summary of Acute RQs for Non-Vascular Aquatic Plants.**

Uses	Peak EEC (µg/L)	RQ*
almond, walnut Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray	2.47	0.10
orange, lemon, grapefruit, tangerine Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	17.54	0.73
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	12.88	0.01
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	24.66	<b>1.03</b>

Uses	Peak EEC (µg/L)	RQ*
Cotton Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	11.16	0.46
Cotton Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	8.74	0.36
Peaches Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray (2.7%)	3.35	0.14
Grapes Max App Rate: 0.9 lb a.i./A, Interval: 8 days, Max apps: 6, Airblast	0.71	0.03
Grapes Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 9, Ground spray	0.29	0.01
Brussels sprouts, Swiss chard Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	17.24	0.72
Eggplant, summer squash, cataloupes, muskmelons, melons Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	16.60	0.69
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	6.52	0.27
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	16.86	0.70
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	1.06	0.04
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	12.93	0.54
Peppers Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	17.49	0.73
Strawberries Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	8.52	0.36
Safflower Max App Rate: 2.1 lb a.i./A, Interval: 7 days, Max apps: 2, Aerial spray (12%)	41.16	<b>1.67</b>
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Aerial spray (12%)	7.10	0.30
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Ground spray	2.43	0.10
Mosquitoes, Flies, etc. (Rangeland) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	1.31	0.05
Mosquitoes, Flies, etc. (Impervious Surfaces) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	5.25	0.22
Mosquitos, Flies, etc. (Forestry) Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	13.75	0.57



Uses	Peak EEC (µg/L)	RQ*
Mosquitoes, Flies, etc. (Residential) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	2.58	0.11
Mosquitoes, Flies, etc. (Swamp)	505	<b>21.04</b>
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	1.99	0.08
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	7.23	0.30
Alfalfa Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	14.39	0.60
Ornamental shrubs, flowering plants, outdoor nursery ops Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Ground spray	46.47	<b>1.94</b>

\*LOC exceedances (RQ ≥ 1) are **bolded**. RQ = use-specific peak EEC/ [24 ppb - non-vascular aquatic plant endpoint].

**Table 6. (Table 30) Summary of Acute RQs for Vascular Aquatic Plants.**

Uses	Peak EEC (µg/L)	RQ*
almond, walnut Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray	2.47	< 0.01
orange, lemon, grapefruit, tangerine Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	17.54	0.01
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	12.88	0.01
cabbage, broccoli, cauliflower, collards, kale Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	24.66	0.01
Cotton Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	11.16	0.01
Cotton Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	8.74	<0.01
Peaches Max App Rate: 1.9 lb a.i./A, Interval: NA days, Max apps: 1, Ground spray (2.7%)	3.35	< 0.01
Grapes (max apps) Max App Rate: 0.9 lb a.i./A, Interval: 8 days, Max apps: 6, Airblast	0.68	< 0.01
Grapes (max rate) Max App Rate: 0.5 lb a.i./A, Interval: 8 days, Max apps: 9, Ground spray	0.72	< 0.01
Brussels sprouts, Swiss chard Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	17.24	0.01
Eggplant, summer squash, cataloupes, muskmelons, melons Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	16.60	0.01

Uses	Peak EEC (µg/L)	RQ*
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	6.52	< 0.01
Celery Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	16.86	0.01
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Ground spray	1.06	< 0.01
beans, peas Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	12.93	0.01
Peppers Max App Rate: 1.9 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	17.49	0.01
Strawberries Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	8.52	< 0.01
Safflower Max App Rate: 2.1 lb a.i./A, Interval: 7 days, Max apps: 2, Aerial spray (12%)	41.16	0.02
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Aerial spray (12%)	7.10	< 0.01
Hops Max App Rate: 0.9 lb a.i./A, Interval: 14 days, Max apps: 5, Ground spray	2.43	< 0.01
Mosquitoes, Flies, etc.(Rangeland) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	1.31	< 0.01
Mosquitoes, Flies, etc. (Impervious Surfaces) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	5.25	< 0.01
Mosquitos, Flies, etc. (Forestry) Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	13.75	0.01
Mosquitoes, Flies, etc. (Residential) Max App Rate: 0.1 lb a.i./A, Interval: 3 days, Max apps: 25, Aerial spray (11%)	2.58	< 0.01
Mosquitoes, Flies, etc. (Swamp)	505	0.28
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Ground spray	1.99	< 0.01
sugar beets Max App Rate: 0.9 lb a.i./A, Interval: 7 days, Max apps: 5, Aerial spray (12%)	7.23	< 0.01
Alfalfa Max App Rate: 1.4 lb a.i./A, Interval: 7 days, Max apps: 3, Aerial spray (12%)	14.39	0.01
Ornamental shrubs, flowering plants, outdoor nursery ops Max App Rate: 0.9 lb a.i./A, Interval: 3 days, Max apps: 25, Ground spray	46.47	0.03

\* RQs used to estimate indirect effects to the [California clapper rail and San Francisco garter snake via toxicity to non-vascular aquatic plants are summarized in Table 5.2.

\*\* LOC exceedances (RQ ≥ 1) are **bolded**. RQ = use-specific peak EEC / [1800 ppb - vascular aquatic plant endpoint].