### Disease control in eggplant (cont.)

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phytophthora blight, ripe rot (cont.)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>fluopicolide</td>
<td>3.0–4.0 fl oz Presidio</td>
<td></td>
<td>2</td>
<td>Tank mix with another fungicide having different mode of action must be used for resistance management.</td>
</tr>
<tr>
<td>pyraclostrobin</td>
<td>8.0–16.0 oz Cabrio EG</td>
<td></td>
<td>0</td>
<td>Begin application prior to disease onset. Use higher rate and shorter interval when disease pressure is high.</td>
</tr>
<tr>
<td>trifloxystrobin</td>
<td>4.0 oz Flint</td>
<td></td>
<td>3</td>
<td>Do not apply more than 16 oz/a per season. Alternate fungicide modes of action.</td>
</tr>
<tr>
<td><strong>Seed rot and damping-off</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>azoxystrobin</td>
<td>Rhizoctonia seedling rot:</td>
<td></td>
<td>–</td>
<td>See general information on labels for soilborne and seedling disease control.</td>
</tr>
<tr>
<td>acetamiprid</td>
<td>0.4–0.8 fl oz Quadris</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mefenoxam</td>
<td>1.0–2.0 pt Ridomil</td>
<td></td>
<td>–</td>
<td>Preplant-incorporated application or surface application at planting. Preplant to top 2 inches of soil.</td>
</tr>
<tr>
<td>metalaxyl</td>
<td>4.0–8.0 pt MetaStar</td>
<td></td>
<td>–</td>
<td>Preplant-incorporated application or surface application at planting. Preplant to top 2 inches of soil.</td>
</tr>
<tr>
<td><strong>Verticillium wilt</strong></td>
<td></td>
<td></td>
<td></td>
<td>Use long rotations with non-susceptible crops and eradicate weeds. Plant in well-drained soils. Steam sterilization can also be used.</td>
</tr>
<tr>
<td>metal-sodium</td>
<td>Vapam HL, Metam,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>phytotoxicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Insect control in eggplant</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Insect</strong></td>
<td>Rate/a of active ingredient</td>
<td>Rate/a of commercial product</td>
<td>Days to harvest</td>
<td>Remarks and suggestions</td>
</tr>
<tr>
<td><strong>Aphid</strong></td>
<td>acetamiprid</td>
<td>0.8–1.2 oz Assail 70WP</td>
<td>7</td>
<td>Begin treatment when thresholds are reached. Apply every 7 days as needed. Do not exceed 0.375 lb ai/a per season.</td>
</tr>
<tr>
<td></td>
<td>2.0–4.0 oz Assail 30 SG</td>
<td></td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>0.06–0.15 lb bifenthrin + imidacloprid</td>
<td>3.9–9.85 fl oz *Brigadier</td>
<td>7</td>
<td>Do not apply more than 25.6 fl oz/a (0.4 lb ai/a) per season. No more than 0.2 lb ai/a bifenthrin and 0.24 lb ai/a imidacloprid are allowed per season.</td>
<td></td>
</tr>
<tr>
<td>0.5–1.0 lb endosulfan</td>
<td>1.0–2.0 lb Thiodan WP,</td>
<td>1</td>
<td>Do not exceed 0.5 lb ai/year.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phaser WSB 0.66–1.33 qt Thiodan EC, Phaser EC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.018–0.028 lb deltamethrin</td>
<td>1.5–2.4 fl oz *Delta Gold</td>
<td>1</td>
<td>Apply every 5 days as needed. Do not exceed 14.4 fl oz/a Decis.</td>
<td></td>
</tr>
<tr>
<td>0.045–0.268 lb dinotefuran</td>
<td>foliar: 1.0–4.0 oz Venom 70SG</td>
<td>1</td>
<td>Do not follow soil applications with foliar application of any other neonicotinoid insecticide. Use only one application method. Do not apply more than 6.0 oz/a per year using foliar applications, or 12.0 oz/a per season using soil applications. See product label for application directions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>soil: 5.0–6.0 oz Venom 70SG</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.05–0.18 lb dinotefuran (foliar)</td>
<td>2.0–7.0 oz Scorpion 35SL</td>
<td>1</td>
<td>Can repeat at 7-day intervals. Do not apply more than 10.5 oz per year. Use only one application method.</td>
<td></td>
</tr>
<tr>
<td>0.23–0.27 lb dinotefuran (soil)</td>
<td>9.0–10.5 oz Scorpion 35SL</td>
<td>21</td>
<td>Do not apply more than 21 oz per year. Use only one application method.</td>
<td></td>
</tr>
</tbody>
</table>

*Restricted-use pesticide.

(continued)
## Insect control in eggplant (cont.)

<table>
<thead>
<tr>
<th>Insect</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphid (cont.)</td>
<td>0.062–0.089 lb fonicamid</td>
<td>2.0–2.8 oz Beleaf SG</td>
<td>0</td>
<td>Begin applications before aphid populations build. Do not exceed 2.8 oz/a Beleaf per application and do not apply more than 8.4 oz/a (0.267 lb ai/a) per season.</td>
</tr>
<tr>
<td></td>
<td>0.01–0.015 lb gamma-cyhalothrin</td>
<td>2.56–3.84 oz Proaxis</td>
<td>5</td>
<td>For suppression of aphids only. Apply every 5 days as needed. Do not apply more than 2.88 pt/a (0.18 lb ai/a) per season.</td>
</tr>
<tr>
<td></td>
<td>0.25–0.38 lb imidacloprid</td>
<td>7.0–10.5 fl oz Admire Pro</td>
<td>21</td>
<td>Systemic at planting.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.75 fl oz Provoad 1.6</td>
<td>0</td>
<td>Foliar spray. Do not exceed 18.75 fl oz/a Provoad per season.</td>
</tr>
<tr>
<td></td>
<td>0.02–0.03 lb lambda-cyhalothrin</td>
<td>1.28–1.92 fl oz *Warrior II</td>
<td>4</td>
<td>Do not exceed 0.18 lb ai/a per season. Reapply at intervals of 5 or more days.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6.0–9.0 fl oz *Voliam Xpress</td>
<td>5</td>
<td>Do not exceed 31.0 fl oz/a of Voliam Xpress or 0.36 lb ai/a of products containing lambda-cyhalothrin or 0.2 lb ai/a of products containing chlorantraniliprole per growing season. For suppression only.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.0 pt *Metasystox-R</td>
<td>7</td>
<td>Treat when aphids first appear. Controls potato and green peach aphids. May repeat application in 7 days. Do not exceed 5.5 oz/a per season or two applications per crop.</td>
</tr>
<tr>
<td></td>
<td>0.06–0.08 lb spirotetramat</td>
<td>4.0–5.0 fl oz Movento</td>
<td>1</td>
<td>Do not apply more than 10.0 fl oz/a (0.16 lb ai/a) per season.</td>
</tr>
<tr>
<td></td>
<td>acetamiprid</td>
<td>2.0–3.0 oz Actara</td>
<td>0</td>
<td>Apply before pests reach damaging levels. Repeat as needed every 5 days. Do not exceed 8.0 oz/a of product per season.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.0–11.0 fl oz Platinum</td>
<td>30</td>
<td>Apply as an in-furrow spray at planting or as a post-seeding transplant or hill drench. Irrigate sufficiently to move the chemical into the root zone. Use the higher rate for long residual control. Do not apply less than 5.0 fl oz/a or more than 11.0 fl oz/a of Platinum per season.</td>
</tr>
<tr>
<td></td>
<td>0.198–0.257 lb thiamethoxam + chlorantraniliprole</td>
<td>10.0–13.0 fl oz Durivo</td>
<td>30</td>
<td>Do not exceed a total of 13.0 fl oz/a Durivo (0.257 lb ai/a) per growing season. Do not exceed 0.172 lb ai/a of thiamethoxam-containing products or 0.2 lb ai/a of chlorantraniliprole-containing products per season.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.2–4.0 oz *Mustang Max</td>
<td>1</td>
<td>Apply every 7 days as needed. Use higher rate for heavy infestations. Do not exceed 24.0 oz/a Mustang Max per season.</td>
</tr>
</tbody>
</table>

**Colorado potato beetle**

*When plants are smaller than 6 inches, treat if you find 2 small larvae or 1 large larvae or adult per plant. For plants taller than 6 inches, treat if you find 4 small larvae or 2 large larvae or adults per plant.*

<table>
<thead>
<tr>
<th>Insect</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.009–0.019 lb abamectin</td>
<td>8.0–16.0 fl oz Agri-Mek 0.15EC</td>
<td>7</td>
<td>Begin treatments at thresholds. Use high rates for resistance management.</td>
</tr>
<tr>
<td>acetamiprid</td>
<td>0.16–1.1 oz Assail 70WP</td>
<td>0.75–4.0 oz Assail 30 SG</td>
<td>7</td>
<td>Begin treatment when thresholds are reached. Apply every 7 days as needed. Do not exceed 0.375 lb ai/a per season.</td>
</tr>
</tbody>
</table>

*Restricted-use pesticide.
## Insect control in eggplant (cont.)

<table>
<thead>
<tr>
<th>Insect</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorado potato beetle (cont.)</td>
<td></td>
<td></td>
<td></td>
<td><strong>Bacillus thuringiensis</strong> subsp. tenebrionis 1.0–3.0 qt Novador 0 Make initial spray when small larvae are first observed.</td>
</tr>
<tr>
<td></td>
<td>0.033–0.10 lb bifenfhrin</td>
<td>2.1–6.4 fl oz *Brigade 2EC</td>
<td>7</td>
<td><strong>Apply every 7 days as needed. Do not exceed 0.2 lb ai/a per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.08–0.15 lb bifenfhrin + imidacloprid</td>
<td>5.1–9.85 fl oz *Brigadier</td>
<td>7</td>
<td><strong>Do not apply more than 25.6 fl oz/a (0.4 lb ai/a) per season. No more than 0.2 lb ai/a bifenfhrin and 0.24 lb ai/a imidacloprid are allowed per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.5–2.0 lb carbaryl</td>
<td>Sevin</td>
<td>3</td>
<td><strong>Several formulations; see label for rate.</strong></td>
</tr>
<tr>
<td></td>
<td>0.018–0.028 lb deltamethrin</td>
<td>1.5–2.4 fl oz *Delta Gold</td>
<td>1</td>
<td><strong>Apply every 5 days as needed. Do not exceed 14.4 fl oz/a.</strong></td>
</tr>
<tr>
<td></td>
<td>0.045–0.268 lb dinofuran folar: 1.0–4.0 oz Venom 70SG</td>
<td>1.0</td>
<td>1</td>
<td><strong>Do not apply more than 10.5 oz per year. Use only one application method.</strong></td>
</tr>
<tr>
<td></td>
<td>0.05–0.18 lb dinofuran (folar)</td>
<td>2.0–7.0 oz Scorpion 35SL</td>
<td>1</td>
<td><strong>Can repeat at 7-day intervals. Do not apply more than 10.5 oz per year. Use only one application method.</strong></td>
</tr>
<tr>
<td></td>
<td>0.23–0.27 lb dinofuran (soil)</td>
<td>9.0–10.5 oz Scorpion 35SL</td>
<td>21</td>
<td><strong>Do not apply more than 21 oz per year. Use only one application method.</strong></td>
</tr>
<tr>
<td></td>
<td>0.5–1.0 lb endosulfan</td>
<td>1.0–2.0 lb Thidan WP, Phaser WSB 0.66–1.33 qt Thidan EC, Phaser EC</td>
<td>1</td>
<td><strong>Do not exceed 1.0 lb ai/a per year.</strong></td>
</tr>
<tr>
<td></td>
<td>0.03–0.05 lb esfenvalerate</td>
<td>5.8–9.6 fl oz *Asana XL</td>
<td>7</td>
<td><strong>Do not exceed 0.35 lb ai/a per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.01–0.015 lb gamma-cyhalothrin</td>
<td>2.56–3.84 oz Proaxis</td>
<td>5</td>
<td><strong>Apply every 5 days as needed. Do not apply more than 2.88 pt/a (0.18 lb ai/a) per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.25–0.38 lb imidacloprid</td>
<td>7.0–10.5 fl oz Admire Pro, Phaser WSB 3.75 fl oz Provado 1.6</td>
<td>21</td>
<td><strong>Systemic at planting.</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Foliar spray.</strong></td>
</tr>
<tr>
<td></td>
<td>imidacloprid + beta-cyfluthrin</td>
<td>3.8–4.1 fl oz *Leverage 360</td>
<td>7</td>
<td><strong>Minimum interval between applications is 7 days and maximum allowable crop use per season is 15.4 fl oz/a.</strong></td>
</tr>
<tr>
<td></td>
<td>0.02–0.03 lb lambda-cyhalothrin</td>
<td>1.28–1.92 fl oz *Warrior II</td>
<td>4</td>
<td><strong>Do not exceed 0.18 lb ai/a per season. Reapply at intervals of 5 or more days.</strong></td>
</tr>
<tr>
<td></td>
<td>lambda-cyhalothrin + chlorantraniliprole</td>
<td>6.8–9.0 fl oz *Voliam Xpress</td>
<td>5</td>
<td><strong>Do not exceed 31.0 fl oz/a of Voliam Xpress or 0.36 lb ai/a of products containing lambda-cyhalothrin or 0.2 lb ai/a of products containing chlorantraniliprole per growing season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.1–0.2 lb permethrin</td>
<td>*Ambush, *Pounce</td>
<td>3</td>
<td><strong>Apply no more than 2 lb ai/a per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.045–0.065 lb rynaxpyr</td>
<td>3.5–5.0 fl oz Coragen</td>
<td>1</td>
<td><strong>Allow at least 3 days between treatments. Do not exceed 15.4 fl oz/a (0.2 lb ai/a) per season.</strong></td>
</tr>
<tr>
<td></td>
<td>0.039–0.078 lb spinetoram</td>
<td>5.0–10.0 oz Radiant SC</td>
<td>1</td>
<td><strong>Do not apply more than 34.0 oz/a Radiant (0.266 lb ai/a) per crop and do not exceed six applications per year.</strong></td>
</tr>
<tr>
<td></td>
<td>0.047–0.094 lb spinosad</td>
<td>1.0–2.0 fl oz Entrust, 3.0–6.0 fl oz SpinTor 2SC</td>
<td>1</td>
<td><strong>Use higher rate for larger insects. Do not exceed 0.45 lb ai/a per season. Do not use a buffering agent. Spray thoroughly for control.</strong></td>
</tr>
<tr>
<td></td>
<td>thiamethoxam</td>
<td>2.0–3.0 oz Actara</td>
<td>0</td>
<td><strong>Apply before pests reach damaging levels. Repeat as needed every 5 days. Do not exceed 8.0 oz/a of product per season.</strong></td>
</tr>
</tbody>
</table>

*Restricted-use pesticide.
## Insect control in eggplant (cont.)

<table>
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<tr>
<th>Insect</th>
<th>Rate/a of active ingredient</th>
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<th>Days to harvest</th>
<th>Remarks and suggestions</th>
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<tr>
<td><strong>Colorado potato beetle (cont.)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>thiamethoxam</td>
<td>5.0–11.0 fl oz Platinum</td>
<td>30</td>
<td></td>
<td>Apply as an in-furrow spray at planting or as a post-seeding transplant or hill drench. IRRIGATE sufficiently to move the chemical into the root zone. Use the higher rate for long residual control. Do not apply less than 5.0 fl oz/a or more than 11.0 fl oz/a of Platinum per season.</td>
</tr>
<tr>
<td>0.198–0.257 lb</td>
<td></td>
<td>10.0–13.0 fl oz Durivo</td>
<td>30</td>
<td>Do not exceed a total of 13.0 fl oz/a Durivo (0.257 lb ai/a) per growing season. Do not exceed 0.172 lb ai/a of thiamethoxam-containing products or 0.2 lb ai/a of chlorantraniliprole-containing products per season.</td>
</tr>
<tr>
<td>thiamethoxam + chlorantraniliprole</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>zeta-cypermethrin</td>
<td>2.24–4.0 oz</td>
<td>*Mustang Max</td>
<td>1</td>
<td>Apply every 7 days as needed. Use higher rate for heavy infestations. Do not exceed 24.0 oz/a Mustang Max per season.</td>
</tr>
<tr>
<td>0.04–0.1 lb zeta-cypermethrin + bifenthrin</td>
<td>4.0–10.3 fl oz *Hero</td>
<td>7</td>
<td></td>
<td>Do not apply more than 0.266 lb ai/a per season. Wait at least 7 days between applications.</td>
</tr>
<tr>
<td><strong>European corn borer</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>beta-cyfluthrin</td>
<td>1.6–2.8 fl oz *Baythroid XL</td>
<td>0</td>
<td></td>
<td>Maximum Baythroid XL allowed per 7-day interval is 2.8 fl oz/a and season total allowed per crop season is 16.8 fl oz/a.</td>
</tr>
<tr>
<td>0.08–0.15 lb bifenthrin + imidacloprid</td>
<td>5.1–9.85 fl oz *Brigadier</td>
<td>7</td>
<td></td>
<td>Do not apply more than 25.6 fl oz/a (0.4 lb ai/a) per season. No more than 0.2 lb ai/a bifenthrin and 0.24 lb ai/a imidacloprid are allowed per season.</td>
</tr>
<tr>
<td>0.018–0.028 lb deltamethrin</td>
<td>1.5–2.4 fl oz *Delta Gold</td>
<td>1</td>
<td></td>
<td>Apply every 5 days as needed. Do not exceed 14.4 fl oz/a.</td>
</tr>
<tr>
<td>0.03–0.045 lb flubendiamide</td>
<td>2.0–3.0 oz Synapse WG</td>
<td>1</td>
<td></td>
<td>Do not exceed 3.0 oz/a (0.045 lb ai/a) in a 7-day period or 9.0 oz/a per season.</td>
</tr>
<tr>
<td>imidacloprid + beta-cyfluthrin</td>
<td>3.8–4.1 fl oz *Leverage 360</td>
<td>7</td>
<td></td>
<td>Minimum interval between applications is 7 days and maximum allowable crop use per season is 15.4 fl oz/a.</td>
</tr>
<tr>
<td>0.065–0.11 lb indoxacarb</td>
<td>3.5–6.0 oz Avaunt</td>
<td>7</td>
<td></td>
<td>Do not exceed 0.26 lb ai/a per season.</td>
</tr>
<tr>
<td>0.02–0.03 lb lambda-cyhalothrin</td>
<td>1.28–1.92 fl oz *Warrior II</td>
<td>4</td>
<td></td>
<td>Do not exceed 0.18 lb ai/a per season. Reapply at intervals of 5 or more days.</td>
</tr>
<tr>
<td>lambda-cyhalothrin + chlorantraniliprole</td>
<td>6.0–9.0 fl oz *Voliam Xpress</td>
<td>5</td>
<td></td>
<td>Do not exceed 31.0 fl oz/a of Voliam Xpress or 0.36 lb ai/a of products containing lambda-cyhalothrin or 0.2 lb ai/a of products containing chlorantraniliprole per growing season.</td>
</tr>
<tr>
<td>0.063–0.25 lb methoxyfenozide</td>
<td>4.0–16.0 fl oz Intrepid 2F</td>
<td>1</td>
<td></td>
<td>Will not control Colorado potato beetle. Do not exceed 64.0 fl oz/a per season. Use higher rate with higher populations or when spray coverage is difficult. See label for use restrictions in some Wisconsin counties.</td>
</tr>
<tr>
<td>0.045–0.065 lb rynaxpyr</td>
<td>3.5–5.0 fl oz Coragen</td>
<td>1</td>
<td></td>
<td>Allow at least 3 days between treatments. Do not exceed 15.4 fl oz/a (0.2 lb ai/a) per season.</td>
</tr>
<tr>
<td>0.039–0.078 lb spinetoram</td>
<td>5.0–10.0 oz Radiant SC</td>
<td>1</td>
<td></td>
<td>Do not apply more than 34.0 oz/a Radiant (0.266 lb ai/a) per crop and do not exceed six applications per year.</td>
</tr>
<tr>
<td>0.047–0.094 lb spinosad</td>
<td>1.0–2.0 fl oz Entrust</td>
<td>1</td>
<td></td>
<td>Use higher rate for larger insects. Do not exceed 0.45 lb ai/a per season. Do not use a buffering agent. Spray thoroughly for control.</td>
</tr>
<tr>
<td>0.014–0.025 lb zeta-cypermethrin</td>
<td>2.24–4.0 oz</td>
<td>*Mustang Max</td>
<td>1</td>
<td>Apply every 7 days as needed. Use higher rate for heavy infestations. Do not exceed 24.0 oz/a Mustang Max per season.</td>
</tr>
</tbody>
</table>

*Restricted-use pesticide.
**Insect control in eggplant (cont.)**

<table>
<thead>
<tr>
<th>Insect</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>European corn borer (cont.)</strong></td>
<td>0.04–0.1 lb beta-cyfluthrin + bifenthrin</td>
<td>2.8 fl oz *Baythroid XL</td>
<td>0</td>
<td>Maximum Baythroid XL allowed per 7-day interval is 2.8 fl oz/a and season total allowed per crop season is 16.8 fl oz/a.</td>
</tr>
<tr>
<td><strong>Flea beetles (striped, spotted)</strong></td>
<td>0.033–0.10 lb bifenthrin</td>
<td>2.1–6.4 fl oz *Brigade 2EC</td>
<td>7</td>
<td>Apply every 7 days as needed. Do not exceed 0.2 lb ai/a per season.</td>
</tr>
<tr>
<td></td>
<td>0.08–0.15 lb bifenthrin + imidacloprid</td>
<td>5.1–9.85 fl oz *Brigadier</td>
<td>7</td>
<td>Do not apply more than 25.6 fl oz/a (0.4 lb ai/a) per season. No more than 0.2 lb ai/a bifenthrin and 0.24 lb ai/a imidacloprid are allowed per season.</td>
</tr>
<tr>
<td></td>
<td>0.5–1.0 lb carbaryl</td>
<td>2.0 lb Sevin 50WP 1.25 lb Sevin 80S 1 qt Sevin XLR Plus</td>
<td>3</td>
<td>See label for rate.</td>
</tr>
<tr>
<td></td>
<td>0.018–0.028 lb deltamethrin</td>
<td>1.5–2.4 fl oz *Delta Gold</td>
<td>1</td>
<td>Apply every 5 days as needed. Do not exceed 14.4 fl oz/a.</td>
</tr>
<tr>
<td></td>
<td>0.045–0.268 lb dinotefuran foliar: 1.0–4.0 oz Venom 70SG soil: 5.0–6.0 oz Venom 70SG</td>
<td>1</td>
<td>Do not follow soil applications with foliar application of any other neonicotinoid insecticide. Use only one application method. Do not apply more than 12.0 oz/a per season using soil applications. See product label for application directions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.05–0.18 lb dinotefuran (foliar)</td>
<td>2.0–7.0 oz Scorpion 35SL</td>
<td>1</td>
<td>Can repeat at 7-day intervals. Do not apply more than 10.5 oz per year. Use only one application method.</td>
</tr>
<tr>
<td></td>
<td>0.23–0.27 lb dinotefuran (soil)</td>
<td>9.0–10.5 oz Scorpion 35SL</td>
<td>21</td>
<td>Do not apply more than 21.0 oz per year. Use only one application method.</td>
</tr>
<tr>
<td></td>
<td>0.01–0.015 lb gamma-cyhalothrin</td>
<td>2.56–3.84 oz Proaxis</td>
<td>5</td>
<td>Apply every 5 days as needed. Do not apply more than 2.88 pt/a (0.18 lb ai/a) per season.</td>
</tr>
<tr>
<td></td>
<td>imidacloprid</td>
<td>7.0–10.5 fl oz Admire Pro</td>
<td>21</td>
<td>Systemic at planting.</td>
</tr>
<tr>
<td></td>
<td>imidacloprid + beta-cyfluthrin</td>
<td>4.1 fl oz *Leverage 360</td>
<td>7</td>
<td>Minimum interval between applications is 7 days and maximum allowable crop use per season is 15.4 fl oz/a.</td>
</tr>
<tr>
<td></td>
<td>0.02–0.03 lb lambda-cyhalothrin</td>
<td>1.28–1.92 fl oz *Warrior II</td>
<td>4</td>
<td>Do not exceed 0.18 lb ai/a per season. Reapply at intervals of 5 or more days.</td>
</tr>
<tr>
<td></td>
<td>lambda-cyhalothrin + chlorantraniliprole</td>
<td>6.0–9.0 fl oz *Voliam Xpress</td>
<td>5</td>
<td>Do not exceed 31.0 fl oz/a of Voliam Xpress or 0.36 lb ai/a of products containing lambda-cyhalothrin or 0.2 lb ai/a of products containing chlorantraniliprole per growing season. For suppression only.</td>
</tr>
<tr>
<td></td>
<td>0.1–0.2 lb permethrin</td>
<td>*Ambush, *Pounce</td>
<td>3</td>
<td>Apply no more than 2.0 lb ai/a per season.</td>
</tr>
<tr>
<td></td>
<td>thiamethoxam</td>
<td>2.0–3.0 oz Actara</td>
<td>0</td>
<td>Apply before pests reach damaging levels. Repeat as needed every 5 days. Do not exceed 8.0 oz/a of product per season.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.0–11.0 fl oz Platinum</td>
<td>30</td>
<td>Apply as an in-furrow spray at planting or as a post-seeding transplant or hill drench. Irrigate sufficiently to move the chemical into the root zone. Use the higher rate for long residual control. Do not apply less than 5.0 fl oz/a or more than 11.0 fl oz/a of Platinum per season.</td>
</tr>
</tbody>
</table>

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### Insect control in eggplant (cont.)

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</tr>
</thead>
<tbody>
<tr>
<td><strong>Flea beetles</strong> ( striped, spotted)</td>
<td>0.198–0.257 lb thiamethoxam + chlorantraniliprole</td>
<td>10.0–13.0 fl oz Durivo</td>
<td>30</td>
<td>Do not exceed a total of 13.0 fl oz/a Durivo (0.257 lb ai/a) per growing season. Do not exceed 0.172 lb ai/a of thiamethoxam-containing products or 0.2 lb ai/a of chlorantraniliprole-containing products per season.</td>
</tr>
<tr>
<td></td>
<td>0.014–0.025 lb zeta-cypermethrin</td>
<td>2.24–4.0 oz *Mustang Max</td>
<td>1</td>
<td>Apply every 7 days as needed. Use higher rate for heavy infestations. Do not exceed 24.0 oz/a Mustang Max per season.</td>
</tr>
<tr>
<td></td>
<td>0.04–0.1 lb zeta-cypermethrin + bifenthrin</td>
<td>4.0–10.3 fl oz *Hero</td>
<td>7</td>
<td>Do not apply more than 0.266 lb ai/a per season. Wait at least 7 days between applications.</td>
</tr>
</tbody>
</table>

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### Weed control in eggplant

<table>
<thead>
<tr>
<th>Weed</th>
<th>Rate/a of active ingredient</th>
<th>Rate/a of commercial product</th>
<th>Days to harvest</th>
<th>Remarks and suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annual weeds</strong></td>
<td>1.0–2.0 lb napropamide</td>
<td>2.0–4.0 lb Devrinol 50-DF</td>
<td></td>
<td>Apply to weed-free soil before transplanting. Incorporate 1–2 inches. Use the lower rate on coarse, sandy soils. Carry-over the following year may affect sensitive crops, especially small grains.</td>
</tr>
<tr>
<td></td>
<td>(transplants only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.5–0.75 lb trifluralin</td>
<td>1.0–1.5 pt Treflan HFP or equivalent</td>
<td></td>
<td>Apply before transplanting or as a directed spray to the soil between rows after transplanting. Tolerance of eggplant to trifluralin is marginal. Controls annual grasses and some broadleaf weeds, but is weak on wild mustard, smartweed, common ragweed, velvetleaf, and black nightshade. Rate varies with soil texture and organic matter. Follow recommended soil preparation, application, and incorporation procedures. Incorporate within 24 hours. See label for plantback restrictions. Ineffective on peat and muck soils.</td>
</tr>
<tr>
<td><strong>Annual grasses</strong></td>
<td>5.0–6.0 lb bensulide</td>
<td>5.0–6.0 qt Prefar 4E</td>
<td></td>
<td>Apply before planting and incorporate 1–2 inches deep to avoid loss due to volatilization. Use on mineral soils only.</td>
</tr>
<tr>
<td><strong>Annual grasses and some broadleaves</strong></td>
<td>4.5–10.5 lb DCPA</td>
<td>6.0–14.0 lb Dacthal W-75</td>
<td></td>
<td>Make preemergence applications to weed-free soil 4–6 weeks after transplanting or to crop seedlings that are 4–6 inches tall. Use only on soils with 5% or less organic matter.</td>
</tr>
<tr>
<td><strong>Nutsedge and some broadleaves</strong></td>
<td>0.023–0.047 lb halosulfuron</td>
<td>0.5–1.0 oz Sandea</td>
<td>30</td>
<td>Sandea controls several broadleaf weeds and nutsedge. It will not control grasses. Sandea may be applied between rows of direct-seeded or transplanted eggplant as a directed or shielded spray. Avoid contact of the spray with the crop. If plastic was used on the planted row, adjust equipment to keep application off the plastic. Do not apply more than 2.0 oz/a per crop cycle or 12-month period. Soil or foliar applications of organophosphate insecticides to Sandea-treated crops may increase potential for and severity of crop injury. Consult label for additional usage information and other precautions.</td>
</tr>
</tbody>
</table>

(continued)