Performance Results

Control of Asian Citrus Psyllid Nymphs

Source: UF IFAS – Winter Park, Fla. 2009
Notes: DAA = Days After Application.
Scale:
0 = No psyllid nymphs.
1 = 1 – 5 nymphs.
2 = 6 – 10 nymphs.
3 = 11 – 15 nymphs.
4 = 16 – 20 nymphs.
5 = 20+ nymphs.

Control of Asian Citrus Psyllid Adults

Source: UF IFAS – Winter Park, Fla. 2009
Notes: DAA = Days After Application.
Scale:
0 = No psyllid nymphs.
1 = 1 – 5 nymphs.
2 = 6 – 10 nymphs.
3 = 11 – 15 nymphs.
4 = 16 – 20 nymphs.
5 = 20+ nymphs.

Control of Citrus Leafminer

Source: UF IFAS – Winter Park, Fla. 2009
Notes: DAA = Days After Application.
Scale:
0 = No psyllid nymphs.
1 = 1 – 5 nymphs.
2 = 6 – 10 nymphs.
3 = 11 – 15 nymphs.
4 = 16 – 20 nymphs.
5 = 20+ nymphs.

Control of Citrus Rust Mites

Source: UF IFAS – Immokalee, Fla. 2009
Notes: DAA = Days After Application.
Scale:
0 = No psyllid nymphs.
1 = 1 – 5 nymphs.
2 = 6 – 10 nymphs.
3 = 11 – 15 nymphs.
4 = 16 – 20 nymphs.
5 = 20+ nymphs.
Agri-Flex™ Miticide/Insecticide, from Syngenta Crop Protection, provides broad-spectrum ‘trifecta’ insect control by protecting against Asian citrus psyllid, citrus leafminer and citrus rust mite. By combining the active ingredients abamectin and thiamethoxam, Agri-Flex provides citrus growers with proven efficacy and reliability in controlling these key destructive pests.

Agri-Flex is just one example of the commitment of Syngenta Crop Protection to the citrus industry. In addition to industry-standard crop protection solutions, Syngenta offers growers an intern-based scouting service, Phytophthora soil sampling service, Citrus Scout Farm Management Software and CitrusSolutions.com. Plus, the Syngenta Customer Center is available to address specific questions and local field technicians are on-hand to quickly identify potential problems right in the grove. Syngenta is also invested locally in Florida conducting citrus research at its Vero Beach Research Center where the company committed to a complete redesign and re-plant of the onsite research groves in 2010. Syngenta serves as a proud partner in the advancement, sustainability and success of the Florida citrus industry.

AGRI-FLEX LABEL AT A GLANCE

- Rate: 5.5 – 8.5 fl oz/A
- REI: 12 hours
- PHI: 7 days
- Maximum Applications per Season: 17 fl oz/A or 3 applications per season, whichever is reached first
- Maximum One-time Application: 8.5 fl oz/A
- Minimum Interval between Applications: 30 days: Agri-Flex or other abamectin products, 7 days: For other thiamethoxam products
- Gallons Per Acre (gPA) – Ground: See label for specific directions
- Signal Word: Warning
- Adjuvants: Must be applied with a horticultural oil (not dormant oil)
- Personal Protective Equipment (PPE) Requirements: Standard PPE
- Pollinator Precautions: Do not apply Agri-Flex miticide/insecticide during pre-bloom or during bloom when bees are actively foraging. See label Pollinator Precautions under Crop Use Directions.

**AGRI-FLEX RATE CHART**

<table>
<thead>
<tr>
<th>Agri-Flex Rate</th>
<th>Acres in a 64 fl oz Jug</th>
<th>Acres per Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.5 fl oz/A</td>
<td>7.53 acres</td>
<td>15.06 acres</td>
</tr>
<tr>
<td>8 fl oz/A</td>
<td>8 acres</td>
<td>16 acres</td>
</tr>
<tr>
<td>7.5 fl oz/A</td>
<td>8.53 acres</td>
<td>17.06 acres</td>
</tr>
<tr>
<td>7 fl oz/A</td>
<td>9.14 acres</td>
<td>18.28 acres</td>
</tr>
<tr>
<td>6.5 fl oz/A</td>
<td>9.85 acres</td>
<td>19.69 acres</td>
</tr>
<tr>
<td>6 fl oz/A</td>
<td>10.67 acres</td>
<td>21.33 acres</td>
</tr>
<tr>
<td>5.5 fl oz/A</td>
<td>11.64 acres</td>
<td>23.27 acres</td>
</tr>
</tbody>
</table>

**SUGGESTED APPLICATION TIMING FOR SYNGENTA BRANDS**

**HERBICIDES**
- **Princep®**
- **SoGreen®**
- **Gramoxone® Intenso**
- **Touchdown® HfTe®**
- **Fusilade® DX**
- **Agri-Mek®**
- **Clinch®**
- **Actara® Platinum**
- **Agri-Flex®**

**INSECTICIDES**

- **Quadric® Top**
- **Ridomil®Gold®**

**FUNGICIDES**

**Best Use Guidelines**

- Apply at a rate of 5.5 to 8.5 fl oz/A to control Asian citrus psyllid, citrus leafminer, citrus rust mite, adult root weevils, and scale and mealybug crawlers.
- To avoid illegal residues, Agri-Flex must be mixed with a minimum of 0.2 percent horticultural spray oil in the spray mixture, or not less than 1 gal/A of oil unless otherwise specified in the product label.
- For Asian citrus psyllid: Apply Agri-Flex to protect new foliage flush during spring, summer or fall.
- Mites: Apply when mites first appear during spring, summer or fall.
- Citrus Leafminer: Apply to new growth during spring, summer or fall.
- Scales: Time the applications to coincide with the crawler stage and within 14 days of initiation of crawler stage.
- Ground applications:
  - For best results, use 150 to 300 GPA of spray mix with a minimum of 3 GPA of horticultural oil (not dormant oil). See label for pest-specific GPA amount.
  - For best results, apply at a ground speed of no more than 1 to 1.5 mph.
- Aerial applications (leafminer control only):
  - Use a minimum of 10 GPA finished spray volume.

**Key Features and Benefits**

- Outstanding control of Asian citrus psyllid, citrus leafminer, citrus rust mite, adult citrus root weevil, and scale and mealybug crawlers
- Three modes of action when applied with a horticultural oil
- Short, seven-day Preharvest Interval (PHI)
- 12-hour Restricted-entry Interval (REI)
- Air and ground application methods
- Rainfast once dry
- Translaminar (rapid leaf penetration) and trans-stematic (movement throughout the leaf) movement for complete protection