

Altus provides systemic, broad-spectrum control with flexible spray or drench applications

Best uses

- Foundational chemistry for managing whiteflies, aphids, mealybugs and leafhoppers
- Can be used in conjunction with IPM programs, including many beneficials
- Greenhouse ornamentals, outdoor ornamentals and Christmas trees
- Greenhouse vegetables, including tomatoes, peppers, eggplants, cucumbers and lettuce
- Greenhouse strawberries

Key strengths

- Compatible with many beneficials
- Unique insecticide from butenolide class of chemistry
- Systemic and translaminar protection of existing and new plant growth
- Control of many sucking pests, including whiteflies, aphids and leafhoppers

Foliar application methods

- Monitor crops and commence applications once local thresholds are reached
- Thorough, uniform coverage of the crop is required for optimum control
- Use the higher rates for higher pest infestation levels
- Minimum water volume is 500 L/ha. Use appropriate spray volume for adequate crop foliage spray coverage. Spray crop to wet not to drip

- Repeat applications may be made if necessary, providing the maximum amount of 2000 mL/ha (400 g a.i./ha) per year is not exceeded
- Minimum interval between applications: 7 days for all crops except peppers, which is 10 days

Drench application methods

- Monitor crops and commence applications once local thresholds are reached
- Use the higher rates for higher pest infestation levels
- To assure optimum effectiveness, the product must be placed where the roots of the plant can absorb the active ingredient. Application to soil or soilless media should be made with sufficient water to ensure incorporation into the root zone
- Reapply only when monitoring indicates it is necessary, at a minimum interval of 7 days for tomatoes, cucumbers, lettuce and ornamentals and 10 days for peppers
- For drench applications to plants grown in soil or soilless media, follow with moderate irrigation. Irrigate carefully within the next 10 days in order to avoid loss of active ingredient due to leaching

Preharvest intervals: 1 day for cucumbers, tomatoes and lettuce; 3 days for peppers and eggplants; 12 hours for greenhouse strawberries



Active ingredients
flupyradifurone 200 g/L



IRAC group
4D



Reg number
33176



Signal word
caution



Formulation
soluble liquid



REI
12 hours



Packaging
case = 8 x 2 L

Foliar application rates

Greenhouse vegetables, ornamentals, outdoor nursery and landscape ornamentals

Pest controlled	Rate
Aphids, leafhoppers	500–750 mL/ha (5–7.5 mL/100 m ²)
Whiteflies, mealybugs	750–1000 mL/ha (7.5–10 mL/100 m ²)
Balsam woolly adelgid	1000 mL/ha (10 mL/100 m ²)

Drench application rates

Greenhouse vegetables and ornamentals

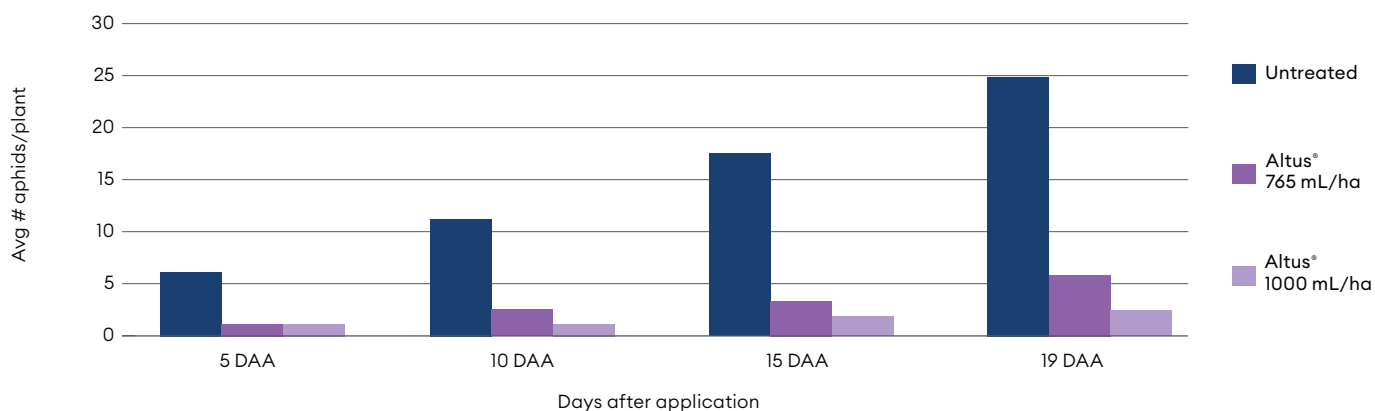
Pest controlled	Rate
Aphids, leafhoppers	750–1000 mL/ha (7.5–10 mL/100 m ²)
Whiteflies, mealybugs	1500–2000 mL/ha (15–20 mL/100 m ²)

Restrictions and precautions

- Maximum Altus[®] insecticide allowed per crop cycle: 2000 mL/ha (400 g a.i./ha)
- May cause some leaf yellowing and/or mottling on cucumbers
- Where possible, rotate the use of Altus insecticide or other Group 4D insecticides with different groups that control the same pests

Foliar application rates

Tomato seedlings



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