



**Altus**<sup>®</sup>

# Product

information sheet

**Altus provides systemic, broad-spectrum control of aphids, whiteflies and leafhoppers with flexible spray or drench applications.**

## // BEST USES

- New foundational chemistry for managing whiteflies, aphids and leafhoppers.
- Can be used in conjunction with IPM programs including many beneficials.
- Greenhouse vegetables, greenhouse ornamentals and outdoor ornamentals.
- Greenhouse vegetables including tomatoes, peppers, cucumbers, lettuce.

## // ATTRIBUTES

- Compatible with many beneficials.
- New, 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 RATES

### GREENHOUSE VEGETABLES, ORNAMENTALS, OUTDOOR NURSERY AND LANDSCAPE ORNAMENTALS

#### CROP

Greenhouse tomatoes, peppers, cucumbers and lettuce. Greenhouse Ornamentals. Outdoor and Nursery Ornamentals including Flowers, Foliage Plants, Shrubs, Trees and Groundcover.

#### Pest Controlled

Aphids  
Leafhoppers

#### Rate

500 -700 mL/ha (5 – 7.5 mL/100m<sup>2</sup>)

#### Pest Controlled

Whiteflies

#### Rate

750 -1000 mL/ha (7.5 - 10 mL/100m<sup>2</sup>)

#### Remarks

- 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 (400g ai/ha) per year is not exceeded.
- Minimum interval between applications: 7 days for all crops except pepper, which is 10 days.
- PHI for greenhouse Vegetables - 1 day for cucumbers, tomatoes, and lettuce - 3 days for peppers.

// **Active Ingredients:**  
Flupyradifurone  
200g/L

// **IRAC Group:**  
4D

// **Reg Number:**  
33176

// **Signal Word:**  
Caution

// **Formulation:**  
Soluble Liquid

// **REI:**  
12 hours

## // DRENCH APPLICATION RATES GREENHOUSE VEGETABLES AND ORNAMENTALS

### Pest Controlled

Aphids  
Leafhoppers

### Rate

750 -1000 mL/ha (7.5 – 10 mL/100m<sup>2</sup>)

### Pest Controlled

Whiteflies

### Rate

1500 – 2000 mL/ ha (15 – 20 mL/100m<sup>2</sup>)

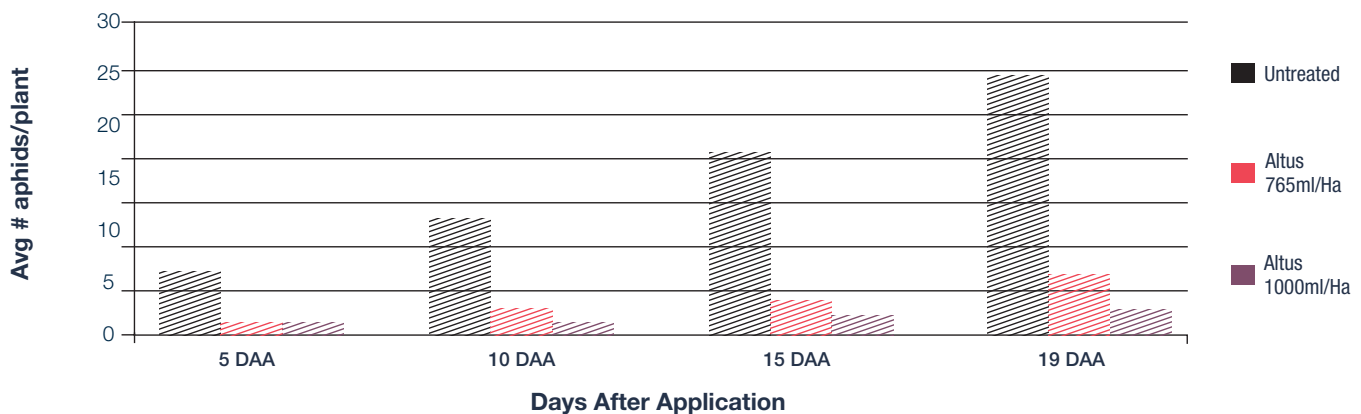
### Remarks

- 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.
- PHI for greenhouse Vegetables, 1 day for cucumbers, tomatoes and lettuce, 3 days for peppers.
- Re-apply 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.

## // RESTRICTIONS AND PRECAUTIONS

- Maximum Altus Insecticide allowed per crop cycle: 2000 mL/ha (400g ai/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 SEEDINGS



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