



# Altus™



# 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 ornamentals, outdoor ornamentals and Christmas trees
- Greenhouse vegetables including tomatoes, peppers, cucumbers, lettuce

### // KEY STRENGTHS

- 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 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 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

#### 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
- PHI for greenhouse vegetables: 1 day for cucumbers, tomatoes and lettuce; 3 days for peppers
- 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

// Active  
Ingredient  
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

Crop	Pest Controlled	Rate
Greenhouse tomatoes, peppers, cucumbers and lettuce. Greenhouse Ornamentals. Outdoor and Nursery Ornamentals including Flowers, Foliage Plants, Shrubs, Trees and Groundcover	Aphids Leafhoppers	500 - 750 mL/ha (5 - 7.5 mL/100m <sup>2</sup> )
	Whiteflies	750 - 1000 mL/ha (7.5 - 10 mL/100m <sup>2</sup> )
Christmas Trees	Aphids	500 - 750 mL/ha (5 - 7.5 mL/100m <sup>2</sup> )

## Drench Application Rates

Greenhouse Vegetables and Ornamentals

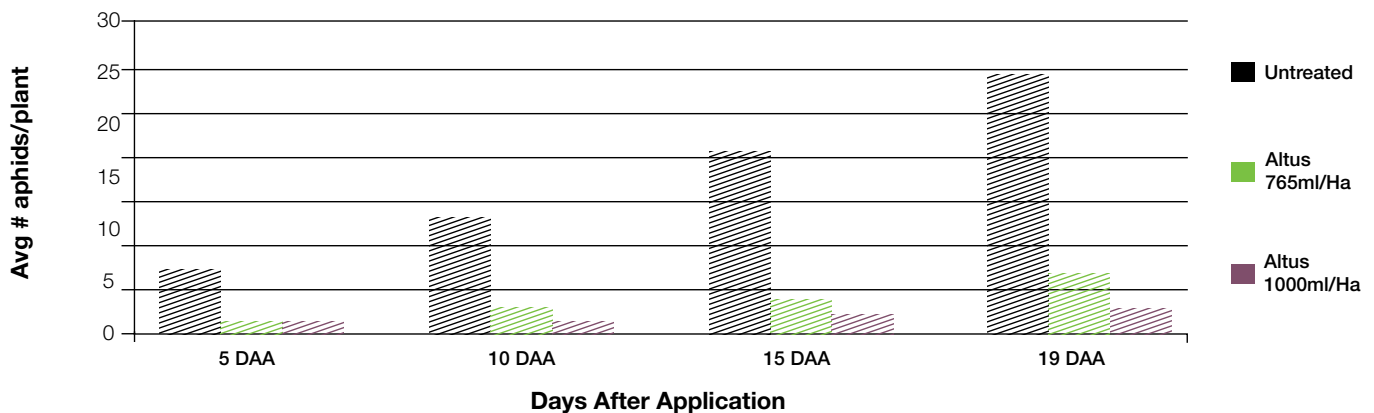
Pest Controlled	Rate
Aphids Leafhoppers	750 - 1000 mL/ha (7.5 - 10 mL/100m <sup>2</sup> )
Whiteflies	1500 - 2000 mL/ha (15 - 20 mL/100m <sup>2</sup> )

## // 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 Seedlings



Canada,  
excluding Quebec:  
Darcy Olds  
905.319.8981

Quebec:  
Normand Drapeau  
514.949.2467

es.bayer.ca 1-888-283-6847