



syngenta

## Product Overview

Actara® insecticide offers vegetable growers a fast-acting and long-lasting option when combating sucking and chewing insect pests during the growing season. With Actara in a product lineup, growers can expect higher yield potential and better crop quality due to the product's many benefits. It is foliar-applied and contains the active ingredient thiamethoxam. Actara is labeled for use on brassica, cucurbit, fruiting, leafy and root vegetables.

## Key Benefits

- Controls many sucking and chewing insect pests
- Rapidly penetrates the leaf surface
- Translaminar and locally systemic activity establishes an insecticide reservoir within treated leaves
- Rainfast upon drying
- Long residual control
- Low use rates
- Compatible with Integrated Pest Management (IPM) programs
- Excellent compatibility with other crop protection products
- Favorable mammalian and environmental profile

## Application Details

- Apply Actara through ground or aerial application.
- Apply Actara using spray nozzles that provide medium-sized droplets and offer an accurate and uniform spray deposition and a reduction in spray drift.
- Calibrate the sprayer before each use to help ensure accuracy.
- Use fine-sized droplets when using water volumes of 5 to 10 gallons to improve spray coverage.
- The use of a spray adjuvant may improve spray coverage but is not required.
- Apply before pests reach damaging levels. Scout fields and treat again if populations rebuild to potentially damaging levels. Apply higher rates for heavy infestations.
- Do not exceed a total of 11 ounces per acre of Actara or 0.172 pound thiamethoxam-containing products per acre per growing season. Please refer to the product label in regard to other application directions for radishes and other root vegetables.
- Use sufficient water volume to ensure thorough coverage of foliage. Do not use less than 10 gallons per acre (GPA) for ground applications or 5 GPA for aerial applications. Allow spray to dry prior to harvest.
- Actara is highly toxic to bees exposed to direct treatment on blooming crops and weeds. Do not apply this product or allow it to drift onto blooming plants while bees are foraging adjacent to the treatment area.

## Actara Label At A Glance\*

Crop	Pest	Rate Per Acre Per Application	Preharvest Interval (PHI)	Minimum Interval Between Applications
<b>Brassica: Head &amp; Stem</b>	Aphids, Flea Beetles, Thrips, Whiteflies	1.5 - 5.5 oz/A <sup>1</sup>	0 days	7 days
<b>Brassica: Leafy Brassica Greens</b>	Aphids, Flea Beetles, Thrips, Whiteflies	1.5 - 5.5 oz/A <sup>1</sup>	7 days	7 days
<b>Cucurbits</b>	Aphids, Cucumber Beetles <sup>2</sup> , Flea Beetles, Leafminers <sup>2</sup> , Whiteflies	1.5 - 5.5 oz/A <sup>1</sup>	0 days	5 days
<b>Fruiting Vegetables</b>	Aphids, Colorado Potato Beetles, Flea Beetles, Leafhoppers, Pepper Weevil, Stink Bugs, Whiteflies	2 - 5.5 oz/A <sup>1</sup>	0 days	5 days
<b>Leafy Vegetables (except Brassica)</b>	Aphids, Flea Beetles, Leafhoppers, Whiteflies	1.5 - 5.5 oz/A <sup>1</sup>	7 days	7 days
<b>Root Vegetables</b>	Aphids, Flea Beetles, Leafhoppers, Whiteflies	1.5 - 4 oz/A	7 days	7 days

\* Consult the product label for complete application directions.

<sup>1</sup> Consult the product label for specific use rate range.

<sup>2</sup> Suppression

For more information, visit [www.FarmAssist.com](http://www.FarmAssist.com), [www.syngentacroprotection.com](http://www.syngentacroprotection.com) or call the Syngenta Customer Center at 1-866-SYNGENT(A) (796-4368).

©2010 Syngenta Crop Protection, Inc., 410 Swing Road, Greensboro, NC 27409.

Important: Always read and follow label instructions before buying or using Syngenta products. The instructions contain important conditions of sale, including limitations of warranty and remedy. Actara is not currently registered for sale or use in all states. Please check with your state or local extension service before buying or using this product.

Actara is highly toxic to bees exposed to direct treatment on blooming crops and weeds. Do not apply this product or allow it to drift onto blooming plants while bees are foraging adjacent to the treatment area.

Actara® and the Syngenta logo are registered trademarks of a Syngenta Group Company.