

Products



Actigard™ 50WG Plant Growth Regulator

Uses

CROPS

Actigard 50WG can be used in tomatoes and tobacco. It is not registered for use in greenhouses. ...

FOR MANAGEMENT OF **Actigard 50WG is a selective, non-pesticidal systemic compound used for the suppression of bacte...**

[View more use info](#)

Application Information

Apply 25 grams Actigard per hectare (10 grams per acre).

Water Volume

10 gallons per acre

[View more application info](#)

Tank Mixes

Actigard 50WG can be tank mixed with copper.

[View more tank-mixes info](#)

Technical Information

CHEMISTRY GROUP

ACTIVE INGREDIENTS
Acibenzolar-S-methyl

REI: **12 hrs tomatoes (8 days tobacco)**

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Label and MSDS

Label

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MSDS

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About this Product

Rain showers and high humidity make it easy for bacteria to attack your tomato plants, and without the proper protection, bacterial diseases can devastate

your crop. When Bacterial speck and spot threaten your tomato crop, there is a new tool in your arsenal - New Actigard plant activator. When properly applied, Actigard activates the plant's natural defense system and protects the tomato against Bacterial speck and spot. It is a complement to your current Copper based management program.

Product Benefits

- Enhances plant's protection against Bacterial spot caused by *Xanthomonas campestris* and Bacterial speck caused by *Pseudomonas syringae*
- Improved foliage retention versus the standard copper and mancozeb treatments
- Minimal impact on beneficial insects
- Rainfast within one hour after application

Packaging

Actigard 50WG is available in 220 gram packages.

Uses

Actigard 50WG can be used in tomatoes and tobacco. It is not registered for use in greenhouses.

For management of

Actigard 50WG is a selective, non-pesticidal systemic compound used for the suppression of bacterial spot and bacterial speck of tomatoes and the control of blue mold of tobacco.

Application Information

Use Rates

Apply 25 grams Actigard per hectare (10 grams per acre).

Water Volume

10 gallons per acre

Application Method

Application Information

- Initiate the first Actigard application before disease appears, at least seven (7) days after transplant.
- Allow plants to recover from transplant shock prior to the first application of Actigard.
- Actigard should always be applied in a tank-mixture with copper.
- Apply Actigard on a seven-day preventive schedule during conditions conducive to disease development.
- Do not reduce the spray interval to less than seven (7) days.
- Do not exceed eight Actigard applications per season.

Use Restrictions

- Do not apply Actigard to plants that are stressed due to drought, excessive moisture, cold weather, herbicide injury, etc.
- Do not apply Actigard when extended periods of cold weather are expected.

Tank Mixes

Actigard 50WG can be tank mixed with copper.

Technical Information

Mode of Action

Actigard, a systemic compound containing the active ingredient acibenzolar-S-methyl, exhibits a unique mode of action that mimics the natural systemic activated resistance (SAR) response found in many plants. Actigard has a unique mode of action that belongs to a category called "Host Plant Defense Induction; Group P1". Applied preventively, Actigard stimulates the plant's natural defenses against Bacterial spot and speck. Disease protection normally begins approximately four (4) days after an Actigard application. Actigard is a complement to an existing Copper program for Bacterial management.

Resistance Management

Actigard exhibits a mode of action unique from currently available fungicides and bactericides. Because Actigard has no direct activity on plant pathogens, the likelihood of pathogen resistance development is low. However, plant pathogens are known to develop tolerance to host plant resistance and to products used repeatedly for control. Because resistance development cannot be fully predicted, the use of this product should conform to resistance management strategies established for tomatoes. Such strategies may include rotating and/or tank mixing with products with different modes of action as well as the use of good cultural practices. Consult your local Syngenta sales representative or extension office for details.

Actigard bridges the gap between genetic resistance and conventional control with a unique principle - it triggers defensive genes within tomatoes to fight diseases. Because it isn't a fungicide, it has no direct activity on disease. Instead, **as a plant activator, Actigard prepares the plant to protect itself successfully against an attack, much like a vaccination.**

Labels & MSDS

Label [Download](#)

Description A water-dispersible granule for control and suppression of diseases on tomato and tobacco through induction of host plant resistance.
Not for use in greenhouses.

Active ingredient Acibenzolar-S-methyl

Approved provinces AB, BC, MB, NB, NF, NS, ON, PE, QC, SK

Approved crops Tobacco, Tomatoes

MSDS [Download](#)

Disclaimer – ALWAYS read and follow label directions. Please use this information above only as a guideline and not an exact description.