

# **GREENHOUSE CUCUMBER - GRAY MOLD**

## General Information

### PRODUCT INFORMATION

SCALA BRAND SC FUNGICIDE is a sprayable, foliar fungicide for control of certain plant diseases on: Almonds, Bulb Vegetables Crop Group 3-07, Ginseng, Grapes including small fruit vine climbing subgroup except fuzzy Kiwifruit, Lemons, Greenhouse Cucumber, Stone Fruits (Except Cherries), Pistachios, Pome Fruits, Potatoes and Other Tuberous and Corm Vegetables, Strawberries including low growing berry subgroup and Tomatoes. See HOW TO USE directions for a complete list of all crops approved for use. Use of SCALA BRAND SC FUNGICIDE should be integrated into an overall disease, pest management, or IPM program. SCALA BRAND SC FUNGICIDE may be used with disease forecasting or Extension advisory programs that recommend application timings based on environmental factors favorable to disease development. Consult with your local agricultural authorities for IPM strategies established for your area.

The higher rates in the rate range or shorter spray intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when disease-conducive environmental conditions exist. FAILURE TO FOLLOW THE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN ILLEGAL RESIDUES, POOR DISEASE CONTROL, AND/OR CROP INJURY. Applications may be made at the longer spray intervals under low to moderate disease pressure.

### FUNGICIDE RESISTANCE STATEMENT

SCALA BRAND SC FUNGICIDE is an anilinopyrimidine (AP) fungicide that exhibits no known cross-resistance to fungicide chemistry such as sterolinhibitors, dicarboximides, benzimidazoles, quinone outside inhibitors (QoI), or phenylamides. SCALA BRAND SC FUNGICIDE inhibits or interferes with the secretion of enzymes necessary for infection in several plant pathogenic fungi species. It may exhibit cross-resistance in certain plant-pathogenic fungi to other fungicides of Group 9, which include anilinopyrimidine (AP) compounds such as cyprodinil. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance

management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Bayer CropScience encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Do not use a fungicide from the AP group for more than 4 sprays in any one season as a solo product or 5 treatments in a mixture against *Venturia* spp.

In pome fruits, use as a curative treatment only in conjunction with a reliable scab warning system. When applying SCALA BRAND SC FUNGICIDE alone on any crop, do not make more than two consecutive applications of SCALA BRAND SC FUNGICIDE without alternating to an equal number of applications of a fungicide from a different resistance management group.

SCALA BRAND SC FUNGICIDE should not be alternated or tank mixed with any fungicide to which resistance has already developed.

## HOW TO USE SCALA BRAND SC FUNGICIDE

### Ground Application

Apply in a minimum of 50 gallons of water per acre for tree and vine crops and 15 gallons of water per acre for field and vegetable crops. Apply in 50 to 250 gallons of water per acre for greenhouse vegetable. Thorough and uniform coverage is essential for effective disease control.

### Aerial Application

Apply SCALA BRAND SC FUNGICIDE using fixed wing or rotary aircraft equipment in a minimum of 15 gallons of water per acre for tree and vine crops and 5 gallons of water per acre for field and vegetable crops. Thorough and uniform coverage is essential for effective disease control.

### Greenhouse Applications (tomato and greenhouse cucumber only)

In unventilated glass or plastic houses, the vapor activity of SCALA BRAND SC FUNGICIDE can produce brown or necrotic spots on the crop. Intensity and frequency of these effects depend on the relative humidity (e.g., above 80%), duration of vapor exposure and concentration of the spray solution. Thus ventilation after spraying is necessary in such systems.

## Limitations, Restrictions, and Exceptions

### GREENHOUSE CUCUMBER

For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Make applications on a 7 to 14 day interval depending upon disease conditions.

Apply SCALA BRAND SC FUNGICIDE only in well-ventilated plastic tunnel houses or glass houses. Ventilate for at least 2 hours after application.

Notice: In un-ventilated glass or plastic houses, the vapor activity of SCALA BRAND SC FUNGICIDE can produce brown or necrotic spots on the crop. Intensity and frequency of these effects depend on the relative humidity (e.g., above 80%), duration of vapor exposure and concentration of the spray solution. Thus, proper ventilation after spraying is essential in greenhouse applications.

#### RESTRICTIONS:

Do not apply more than 36 fl oz/A (1.4 lbs a.i./A) of SCALA BRAND SC FUNGICIDE per crop. Do not exceed a maximum of 2 applications per crop. A maximum of 3 crop cycles may be planted per year.

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

#### Pre-Harvest Interval

1 day

#### Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

[field rates 3](#)

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#### Restricted Entry Interval

12 hours

#### Timings

[As soon as crop and/or environmental conditions become favorable for disease development.](#)