

## **WHEAT (SPRING AND WINTER)**

### General Information

#### PRODUCT INFORMATION

Preemptor SC Fungicide is a broad-spectrum fungicide for the control of certain diseases in corn (field corn and field corn grown for seed), soybean and wheat. Preemptor SC Fungicide works by interfering with respiration and sterol synthesis in plant-pathogenic fungi, and is a potent inhibitor of spore germination and mycelial growth. The active ingredients, fluoxastrobin and flutriafol move rapidly into green tissue via translaminar movement. Preemptor SC Fungicide is rainfast 2 hours after application. Disease control will be reduced if rainfall occurs within 2 hours of application. The activity of Preemptor SC Fungicide makes it an excellent choice as a broad spectrum, dual action fungicide for disease management programs for corn, soybean and wheat. Other labeled fungicides can be used in tank mixture or alternated with Preemptor SC Fungicide to fulfill total disease management in corn (field corn and field corn grown for seed), soybean and wheat.

#### CROP ROTATION

Crops treated with Preemptor SC Fungicide may be rotated to corn, soybeans, peanuts or wheat at any time; sugar beets may be planted 30 days after treatment; and sweet corn and cotton may be planted 180 days after treatment. Rotation to any other crop not listed is prohibited.

#### RESISTANCE MANAGEMENT

The active ingredients in Preemptor SC Fungicide (fluoxastrobin and flutriafol) belong to the strobilurin (Group 11 Fungicides) and the demethylation inhibitor (Group 3 Fungicides) fungicide classes, respectively.

The dual action of Preemptor SC Fungicide results in a built in resistance management strategy that will minimize the resistance in at risk pathogens. Fungal pathogens are known to develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for agricultural uses. Such strategies may include rotating and/or tank mixing with products having different modes of action, or limiting the total number of applications per year. FMC Corporation encourages responsible

resistance management to ensure effective long-term control of the fungal diseases on this label.

In programs in which Preemptor SC Fungicide is used, the number of Group 11 fungicides (strobilurins) and Group 3 fungicides (demethylation inhibitors) applications should be no more than one half of the total number of fungicide applications per year for at risk pathogens.

Follow specific directions for individual crops that limit the total number of applications.

## APPLICATION GUIDELINES

### Broadcast Ground Sprayers

Thorough coverage is necessary to provide good disease control.

Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. For ground application equipment 10 gallons/A minimum is required.

Equip sprayers with nozzles that provide accurate and uniform application.

Be certain that nozzles are the same size and uniformly spaced across the boom.

Calibrate the sprayer before use. Use a pump with the capacity to: (1) maintain a minimum of 35 psi at nozzles, and (2) provide sufficient agitation in the tank to keep the mixture in suspension (this requires recirculation of 10% of the tank volume per minute). Use jet agitators or a liquid sparge tube for vigorous agitation.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh screens at the nozzles. Check nozzle manufacturer's recommendations. For information on spray equipment and calibration, consult sprayer manufacturer's and/or state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

### Aerial Application

For aerial application, use aircraft spray equipment in a minimum of 2 gallons of spray solution per acre for corn, soybean and wheat. Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply directly to humans or animals. Aerial applications made to dense canopies may not provide sufficient coverage of lower leaves to provide proper disease control.

### Preemptor SC Fungicide Alone

Add 1/2 of the required amount of water to the mix tank. With the agitator running, add the Preemptor SC Fungicide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the Preemptor SC Fungicide has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

#### Crop Tolerance/Phytoxicity

Preemptor SC Fungicide may show some phytotoxicity on wheat when mixed with Huskie, Huskie Complete, Axial XL, or any bromoxynil based product.

The crop safety of other tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, confirm the safety of the tank mixture to the target crop. To test for crop safety, apply Preemptor SC Fungicide potential tank mixes to the target crop in a small area and in accordance with label instructions for the target crop.

#### CHEMIGATION

Do not apply this product through any type of irrigation system.

#### Limitations, Restrictions, and Exceptions

#### Application Directions

Protecting the flag leaf is important for maximizing yield potential. Apply Preemptor SC Fungicide at 4-6 fl oz/A when the flag leaf is 50% to fully emerged. Preemptor SC Fungicide should be applied preventively when conditions are favorable for disease development.

#### RESTRICTIONS:

The minimum retreatment interval is 14 days.

Do not make more than one application prior to harvest of wheat forage.

Do not apply past Feekes 10.5 (Zadoks 59).

Preharvest Interval: Do not apply within 40 days of harvest of grain or straw; within 15 days of harvest for hay; or within 7 days of harvest for forage.

#### OTHER INFORMATION:

Do not tank mix Preemptor SC Fungicide with Huskie, Huskie Complete, Axial XL, or any bromoxynil based product or crop injury could occur.

Follow the directions of the tank mix partner label with respect to adjuvant use.

## Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

Grain or straw: 40 days

Hay: 15 days

Forage: 7 days

## Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

## Timings

[When the flag leaf is 50% to fully emerged.](#)