U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Reg. Number: 279-3620	Date of Issuance: 2/15/17	
NOTICE OF PESTICIDE: <u>X</u> Registration Reregistration	Term of Issuance: Conditional		
(under FIFRA, as amended)	Name of Pesticide Product: PREEMPTOR FUNGICIDE		
Name and Address of Registrant (include ZIP Code): Paula Bodey FMC Corporation 2929 Walnut Street Philadelphia. PA 19104			
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.			
<ul> <li>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</li> <li>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</li> <li>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:</li> <li>1. Submit and/or cite all data required for registration/reregistration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.</li> </ul>			
Signature of Approving Official:	Date: 2/15/17		
Hope Johnson, Product Manager 21 Fungicide Branch, Registration Division (7505P) EPA Form 8570-6			

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- 2. You are required to comply with the data requirements described in the DCI Order identified below:
  - a. Fluoxastrobin GDCI-028869-1605

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1

- 3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
- 4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 279-3620."
  - Add an appropriate EPA Establishment Number and Net Contents information
- 5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 09/29/2016

If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at <u>Muhammad.maryam@epa.gov</u>.

Enclosure Stamped Accepted "PREEMPTOR FUNGICIDE" Product Label Product Chemistry Review Similarity Clinic Acute Toxicity Review

## ACCEPTED

Feb 15, 2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 279-3620

GROUP	11	FUNGICIDE
GROUP	3	FUNGICIDE

## PREEMPTOR<sup>®</sup> Fungicide

## For Agricultural Uses

#### **ACTIVE INGREDIENTS:**

Fluoxastrobin: [(1E)-[2-[[6-(2-Chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]	
phenyl] (5,6-dihydro-1,4,2-dioxazin-3-yl) methanone-O-methyloxime]	14.84%
<b>Flutriafol</b> : [α-(2-fluorophenyl)-α-(4-fluorophenyl)-1 <i>H</i> -1,2,4-triazole-1-ethanol]	
OTHER INGREDIENTS:	<u>65.86%</u>
TOTAL:	

Contains 1.40 pounds per gallon of fluoxastrobin (167 g/L) and 1.82 pounds per gallon flutriafol (218 g/L).

Suspension concentrate.

Keep Out of Reach of Children

## **CAUTION / PRECAUCIÓN**

Si usted no entiende la etiqueta, busque á alguien para que se la explique á usted en detalle. (If you do not understand the label find someone to explain it to you in detail.)

For MEDICAL	For SPILLS
EMERGENCY	CHEMTREC
1-866-331-3148	1-800-424-9300

Notice: Read the entire Directions for Use, Warranty Disclaimer, Inherent Risks of Use, and LImitation of Remedies before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**Note to PM**, the following bracketed statements are individually optional depending on the packaging configuration and whether a booklet label design is used:

- a.[See First Aid statement on back [label] [panel] [of booklet]].
- b.[See additional precautionary statements and Directions for Use in booklet.]
- c.[Read the entire label before using this product.]
- d.[See First Aid, Precautionary Statements, and Directions for Use on individual packages.]

EPA Reg. No. 279-

EPA Est. No.\_\_\_\_\_ Net Contents: \_\_\_\_\_

Sold by: FMC Corporation 2929 Walnut Street Philadelphia, PA 19104

PREEMPTOR is a registered trademark of FMC.

## PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution.** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID		
IF	Call a poison control center or doctor immediately for treatment advice.	
SWALLOWED:	Have a person sip a glass of water if able to swallow.	
	• Do not induce vomiting unless told to by a poison control center or doctor.	
	Do not give anything to an unconscious person.	
IF INHALED:	Move person to fresh air.	
	<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> </ul>	
	<ul> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>	
IF ON SKIN	Take off contaminated clothing.	
OR	• Rinse skin immediately with plenty of water for 15–20 minutes.	
CLOTHING:	Call a poison control center or doctor for treatment advice.	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.	
	• Remove contact lenses, if present, after the first 5 minutes, then continue	
	rinsing.	
	Call a poison control center or doctor for treatment advice.	
HOTLINE NUMBER		
Have the produc	ct container or label with you when calling a poison control center or doctor or	

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves made of any waterproof material (nitrile, butyl, neoprene and/or barrier laminate).

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Users should:

#### USER SAFETY RECOMMENDATIONS

• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The active ingredient in this product can be persistent for several months or longer. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark, or other sensitive areas that may be exposed to spray drift. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Flutriafol has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

## PHYSICAL or CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

[Optional language for NY: In New York State, this product may not be applied within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. Sale, use, and distribution of this product in Nassau and Suffolk Counties of New York State is prohibited.]

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI). The REI for each crop is located in the application directions for each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, shoes plus socks, and chemical resistant gloves made of any waterproof material.

#### **PRODUCT INFORMATION**

PREEMPTOR<sup>®</sup> Fungicide is a broad-spectrum fungicide for the control or suppression of certain diseases in corn (field corn and field corn grown for seed), soybean and wheat. PREEMPTOR<sup>®</sup> 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 and acropetal movement. PREEMPTOR<sup>®</sup> Fungicide is rainfast 2 hours after application. Disease control will be reduced if rainfall occurs within 2 hours of application. The activity of PREEMPTOR<sup>®</sup> Fungicide makes it an excellent choice as a broad spectrum, dual action fungicide for disease management programs for corn, soybean and wheat.

Сгор	Crop Rotational Interval (Days)
Corn (field corn, field corn grown for seed)	0
Fruiting Vegetables	0
Melons	0
(Crop Subgroup 9A)	
Peanut	0
Sorghum	0
Soybean	0
Strawberries	0
Squash / Cucumber	0
(Crop Subgroup 9B)	
Wheat, Triticale	0
Brassica Vegetables	30
(Crop Group 5)	
Cotton	30
Leafy Vegetables	30
(Crop Subgroup 4a)	
Sugarbeet	30
Sweet Corn	180
All others	Prohibited

#### **CROP ROTATIONAL INTERVALS**

#### **RESISTANCE MANAGEMENT**

The active ingredients in PREEMPTOR<sup>®</sup> Fungicide (fluoxastrobin and flutriafol) belong to the strobilurin (Group 11) and the demethylation inhibitor (Group 3) fungicide classes, respectively. The dual action of PREEMPTOR<sup>®</sup> 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 encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

In programs in which PREEMPTOR<sup>®</sup> 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[\*]

#### Aerial application of this product is prohibited in New York State.

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. Aerial applications made to dense canopies may not provide sufficient coverage of lower leaves to provide proper disease control.

[\*Not approved for use in California.]

#### **Mixing Procedures**

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

## PREEMPTOR<sup>®</sup> Fungicide Alone

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

## PREEMPTOR<sup>®</sup> Fungicide + Tank mix Partners

- Do not tank mix PREEMPTOR<sup>®</sup> Fungicide with any bromoxynil based product (e.g. Huskie, Axial XL) or crop injury could occur.
- Follow the directions of the tank mix partner with respect to adjuvant use.

Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general, tank mix partners should be added in this order: products packaged in water-soluble packaging (see note in next paragraph), wettable powders, wettable granules, (dry flowables), liquid flowables (such as PREEMPTOR<sup>®</sup> Fungicide,) liquids, and emulsifiable concentrates. Always allow each tank mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

**Note:** When using PREEMPTOR<sup>®</sup> Fungicide in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

If using PREEMPTOR<sup>®</sup> Fungicide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations, which appear on the tank mix product label. No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product that prohibits such mixing. Tank mixtures or application of other products referenced on this label are permitted only in those states in which the referenced products are registered.

## Compatibility

PREEMPTOR<sup>®</sup> Fungicide is physically compatible with most insecticide, fungicide, herbicide and foliar nutrient products. However, the physical compatibility of PREEMPTOR® Fungicide with tank mix partners should be tested before use. To determine the physical compatibility of PREEMPTOR® Fungicide with other products, use a jar test, as described in the next paragraph.

Using a quart jar, add the proportionate amounts of the products to 1 qt of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

#### Crop Tolerance/Phytoxocity

PREEMPTOR<sup>®</sup> Fungicide may show some phytotoxicity on wheat when mixed with Huskie<sup>®</sup>, Huskie Complete, Axial<sup>®</sup> 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<sup>®</sup> 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.

#### SPRAY DRIFT MANAGEMENT

#### Sensitive Areas

This pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitats for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulation.

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- 2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Comply with all state regulations. The applicator must be familiar with and take into account the information covered in the *Aerial Drift Reduction Advisory Information*.

#### **AERIAL DRIFT REDUCTION ADVISORY**

This section is advisory in nature and does not supersede the mandatory label requirements.

#### Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see **Wind**, **Temperature and Humidity**, and **Temperature Inversions** sections).

#### **Controlling Droplet Size**

- Volume Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of nozzles Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle Type Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

#### Boom Length

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

#### Application Height

Applications must not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator should compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

#### Wind

Drift potential is lowest between wind speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application must be avoided below 2 mph due to variable wind direction and high inversion potential.

**NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

#### Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

#### **Temperature Inversions**

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## CROP USE DIRECTIONS

PREEMPTOR<sup>®</sup> Fungicide provides control or suppression of several important diseases listed for corn (field corn and field corn grown for seed), soybean and wheat.

## CORN (Field Corn and Field Corn Grown for Seed)

Diseases	Product Use Rate (fl oz/A)	Application Directions
Rust, Common (Puccinia sorghi)	4-6	<ul> <li>For optimum results begin applications when disease first appears and continue as needed on a 7 to 10 day interval on field</li> </ul>
Southern Rust (Puccinia polyspora)		and seed corn. Use high end of the use rate range when disease pressure is high
Anthracnose Leaf Blight (Colletotrichum graminicola)		<ul><li>and conditions are favorable for disease development.</li><li>Apply no later than growth stage R4 (early</li></ul>
Gray Leaf Spot (Cercospora sorghi)		dough stage).
Northern Corn Leaf Blight (Setosphaeria turcica)		
Northern Corn Leaf Spot (Cochliobolus carbonum)		
Southern Corn Leaf Blight (Cochliobolus heterostrophus)		
<b>Eye Spot</b> (Aureobasidium zeae)		

#### **RESTRICTIONS:**

- Do not apply more than 12 fl oz/A (0.13 lb ai/A fluoxastrobin and 0.17 lb ai/A flutriafol) of product per year.
- Do not apply more than 0.36 lb ai/A fluoxastrobin per year if sequentially applying other products containing fluoxastrobin. Do not exceed a maximum of 2 applications per season for all fluoxastrobin containing products.
- Do not make more than two applications per year of this product. Apply no later than growth stage R4 (early dough stage).
- The minimum retreatment interval is 7 days.
- Do not use an adjuvant after the V8 stage and prior to the VT stage of corn. An adjuvant may be used at any other growth stage.
- Restricted Entry Interval (REI) for detasselling is 5 days. The REI for all other activities is 12 hours.

• Pre-harvest Interval: Do not apply product within 30 days of harvest (grain, seed, forage or stover).

#### SOYBEAN

Diseases	Product Use Rate (fl oz/A	Application Directions	
Alternaria Leaf Spot (Alternaria spp)	4-6	<ul> <li>Begin applications preventively and continue as needed on a 14 to 21 day interval. Apply no later than growth stage</li> </ul>	
Anthracnose (Colletotrichum truncatum)		R5.	
Brown Spot (Septoria glycines)			
Cercospora Blight, and Purple Seed Stain (Cercospora kikuchii)			
Frogeye Leaf Spot (Cercospora sojina)			
<b>Pod and Stem Blight</b> (Diaporthe phaseolorum)			
<b>Powdery Mildew</b> (Microsphaera diffusa)			
Rhizoctonia Aerial Blight (Rhizoctonia solani)			
Rust (Phakopsora spp.)	4-6	<ul> <li>Begin applications preventively and continue as needed on a 21 to 35 day interval. Apply no later than growth stage R5.</li> </ul>	
Disease Suppression			
Sclerotinia Stem Rot (Sclerotinia sclerotiorum)	4-6	<ul> <li>Begin applications preventively and continue as needed on a 14 to 21 day interval. Apply no later than growth stage</li> </ul>	
White Mold (Sclerotinia rolfsii)		R5.	
Sudden Death Syndrome (Fusarium virguliforme)	5-6	<ul> <li>Begin applications preventively at the beginning of flowering (R1 growth stage). A second application may be made at a 14 to 21 day interval. Apply no later than growth stage R1 for suppression of Sudden Death Syndrome.</li> </ul>	

## **RESTRICTIONS:**

- Do not apply more than 12 fl oz/A (0.13 lb ai/A fluoxastrobin and 0.17 lb ai/A flutriafol) of product per year.
- Do not apply more than 0.36 lb ai/A fluoxastrobin and 0.488 lb ai/A flutriafol (foliar plus at planting applications combined) or 0.228 lb ai/A flutriafol per year for foliar applications

only per year if sequentially applying other products containing fluoxastrobin and flutriafol. Do not exceed a maximum of 2 applications per season for all fluoxastrobin containing products.

- Do not make more than two applications per year of this product. Apply no later than growth stage R5.
- The minimum retreatment interval is 14 days.
- Restricted Entry Interval (REI) is 12 hours.
- Do not feed forage or hay to animals or permit animals to graze.
- Pre-Harvest Interval: Do not apply product within 30 days of harvest.

#### WHEAT (SPRING AND WINTER)

Diseases	Product Use Rate (fl oz/A)	Application Directions
Leaf Rust (Puccina recondita f. sp. tritici)	2-3	<ul> <li>Early season leaf disease suppression: Apply product at 2-3 fl oz/A for control of early season</li> </ul>
<b>Stripe Rust</b> ( <i>Puccina striiformis</i> )		Septoria, Tan Spot, and Powdery Mildew and suppression of rust. A second application (minimum interval
<b>Stem Rust</b> ( <i>Puccina graminis</i> )		of 14 days) may be made if needed.
<b>Powdery Mildew</b> (Blumeria graminis tritici, Erysiphe graminis)	for maximizing yield p product at 4-6 fl oz/A leaf is 50% to fully em should be applied pre	for maximizing yield potential. Apply product at 4-6 fl oz/A when the flag
Septoria Leaf and Glume Blotch (Septoria tritici, Septoria nodorum)		leaf is 50% to fully emerged. Product should be applied preventively when conditions are favorable for disease development.
Tan Spot (Pyrenophora triciti- repentis)		

#### **RESTRICTIONS:**

- Do not apply more than 12 fl oz/A (0.13 lb ai/A fluoxastrobin and 0.17 lb ai/A flutriafol) of product per year.
- Do not apply more than 0.72 lb ai/A fluoxastrobin per year if sequentially applying other products containing fluoxastrobin. Do not exceed a maximum of 2 applications per season for all fluoxastrobin containing products.
- Do not apply more than 2 applications per year of this product.
- 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).
- Restricted Entry Interval (REI) is 12 hours.
- Preharvest Interval: Do not apply product within 40 days of harvest of grain or straw; within 15 days of harvest for hay; or within 7 days of harvest for forage.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

#### PESTICIDE STORAGE

Store in original container and keep tightly closed. Store in a cool, dry, secure place.

#### PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER HANDLING

# Rigid, Nonrefillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons).

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

# Rigid, Nonrefillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application,

weather or crop conditions beyond the control or FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. To the extent consistent with applicable law, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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