

FLUOXASTROBIN ST

Net Contents:

2.5 Gallons

FLUOXASTROBIN GROUP 11 FUNGICIDE

For use as a seed treatment on field corn, cotton, rapeseed (canola), sorghum, soybean, and wheat seed for the protection against listed plant pathogenic fungi.

ACTIVE INGREDIENT(S):

FLUOXASTROBIN: ((2E)-(2-[6-(2-chlorophenoxy)-5-fluoro-4pyrimidinyl] oxy phenyl)-(5, 6-dihydro-1, 4, 2-dioxazin-3yl) methanone O-methyloxime)*..... 41.40%

OTHER INGREDIENTS: 58.60%

TOTAL: 100.00%

Contains 4.00 pounds fluoxastrobin per U.S. gallon (480 grams Al/liter) *CAS No. 361377-29-9

EPA Reg. No. 264-1169

KEEP OUT OF REACH OF CHILDREN

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

Please refer to booklet for additional precautionary statements and directions for use.

Produced for: Bayer CropScience LP 800 N. Lindbergh Blvd. St. Louis, MO 63167 ©2019 Bayer CropScience

PRECAUTIONARY STATEMENTS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) and others exposed to the concentrate, and cleaners/repairers of seed treatment equipment must wear a long-sleeved shirt and long pants, shoes plus socks, and waterproof (butyl rubber ≥14 mills, nitrile rubber ≥14 mills, polyvinyl chloride (PVC) ≥14 mils, and viton ≥14 mills) gloves.

Baggers and bag sewers must wear a long-sleeved shirt and long pants, and shoes plus socks.

Applicators and other handlers must wear:

- · Long-sleeved shirt
- Long pants
- · Shoes plus socks
- · Water-proof gloves

USER SAFETY REQUIREMENTS

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

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then
 wash thoroughly and put on clean clothing.
- Users should 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 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 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 washwaters or rinsate.

Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect seed spilled during loading.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks (continued)

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associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read the entire label before using this product.

Not for Sale, Sale Into, Distribution and /or Use in Nassau and Suffolk Counties of New York State.

PRODUCT INFORMATION

FLUOXASTROBIN ST:

Fluoxastrobin ST is a broad spectrum seed treatment labeled for the control or suppression of certain plant pathogenic fungi that cause seed and seedling blight.

- Aids in the suppression of late season stalk rot caused by Fusarium spp. & Colletotrichum spp.
- Labeled for use on corn (field corn and field corn grown for seed), cotton, rapeseed (canola), soybean, sorghum, and wheat.
- Read the entire label and observe all label directions, restrictions, and precautions before use.

APPLICATION INSTRUCTIONS

- Uniform application of seed is necessary to ensure seed safety and best disease protection.
- Dilute with a sufficient amount of water to achieve uniform application to seed which is necessary to ensure seed safety and best disease control.
- Use high quality, properly cleaned seed.

USE RESTRICTIONS

- For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.
- Do not use this product except as directed on this label or on other EPA approved supplemental labeling for this product.
- Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21CFR, part 2.25. Any (continued)

colorant added to treated seed must be cleared for use in accordance with 40 CFR, part 153.155 (c).

Not for Sale, Sale Into, Distribution and /or Use in Nassau and Suffolk Counties
of New York State.

Refer to the specific use directions and restrictions in each Crop table.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Fluoxastrobin ST contains a Group 11 fungicide. Any fungal population may contain individuals naturally resistant to Fluoxastrobin ST and other Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Bayer CropScience at 1-866-99BAYER (1-866-992-2937). You can also contact your pesticide distributor or university extension specialist to report resistance

COMPATIBILITY TESTING AND TANK MIX PARTNERS

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

Compatibility

It is essential that before using FLUOXASTROBIN ST seed treatment in any tank mixture the compatibility of the mixture be established. Add FLUOXASTROBIN ST at the labeled rate to a clean quart jar containing approximately one-half the amount of water intended for a final slurry application rate. Next, follow with all other tank mix components that will be used in the total slurry application. Add last the remaining balance of water. The total amount of volume is determined by the seed size and how much is necessary to ensure complete and uniform coverage and distribution on the seed, as well as the type of commercial seed treating application equipment that will be used.

DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GEL. USE TANK MIXTURES IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

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.

MIXING INSTRUCTIONS

 When applied with seed treatment application equipment designed to treat seed utilizing a treatment slurry mixture, add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and FLUOXASTROBIN ST.

- •The order of product addition is dependent on the accompanying seed treatment products and application equipment used.
- Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained.
- •After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform.
- •Do not store mixed slurries for greater than 72 hours.
- Maintain adequate agitation until treatment slurry is applied.
- For additional instructions for use, slurry component mixing order, and other application suggestions contact your Bayer CropScience representative.

SPECIFIC CROP DIRECTIONS

CROP USE DIRECTIONS

RAPESEED (CANOLA)1

Pests Controlled

To aid in the early season control of Rhizoctonia solani, the causal agent of seedling blight.

Rate of Fluoxastrobin ST2

# seeds/kg	mL / 100 kg seed	ml / 100,000 seed	Mg ai / seed³	g/A ⁴
(# seeds/lb)	(fl oz/100 lb seeds)	(fl oz / 100,000 seeds)		(lb/A)
225,971	5.21 - 20.86	0.021 - 0.083	0.0001 - 0.0004	0.074 - 0.296
(102,500)	(0.08 - 0.31)	(0.0007 - 0.003)		(0.00016 - 0.0006)

Crop Specific Directions and Restrictions:

- l'Rapeseed Subgroup 20A: borage, crambe, cuphea, echium, flax seed, gold of pleasure, hare's ear mustard, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, oil radish, poppy seed, rapeseed, sesame, sweet rocket, and cultivars, varieties, and/or hybrids of these.
- 2Do not apply more than 0.30 lb ai/A of fluoxastrobin per acre per year (including seed treatment, foliar, in-furrow or banded applications).
- 3Rate is calculated based on number of seeds/kg averages of rapeseed (225,971).
- 4Based on seeding rate of 740,520 seeds/ acre [(740,520 seeds/A) x (mg a.i./seed) x (g/1000mg)].

CORN (Field Corn & Field Corn Grown for Seed)

Pests Controlled

To aid in the control of seedborne & soilborne fungi, Penicillium spp & Aspergillus spp, causing seed & seedling blights.

Rate of Fluoxastrobin ST

# seeds/kg	mL / 100 kg seed	ml / 80,000 seed	Mg ai / seed²	g/A³
(# seeds/lb)	(fl oz/100 lb seeds)	(fl oz / 80,000 seeds)		(lb/A)
3,706	10.43 - 20.86	2.25 - 4.5	0.014 - 0.027	0.56 - 1.09
(1,681)	(0.16 - 0.32)	(0.075 - 0.15)		(0.0012 -0.0024)

Pests Controlled

To aid in suppression of late season stalk rot caused by Fusarium spp. & Colletotrichum graminicola.

Rate of Fluoxastrobin ST1

# seeds/kg (# seeds/lb)	mL / 100 kg seed (fl oz/100 lb seeds)	ml / 80,000 seed (fl oz / 80,000 seeds)	Mg ai / seed²	g/A³ (lb/A)
3,706 (1.681)	62.59 - 125 (0.96 - 1.92)	13.51 -26.98 (0.457 - 0.914)	0.0811 - 0.162	3.26 - 6.52 (0.007 -0.014)

Crop Specific Directions and Restrictions:

- ¹Do not apply more than 0.36 lb ai of fluoxastrobin per acre per year including seed treatment, foliar, in-furrow or banded applications)
- 2Rate is calculated based on number of seeds/kg averages of corn (3,706).
- Based on seeding rate of 40,250 seeds/ acre [(40,250 seeds/A) x (mg a.i./seed) x (g/1000mg).]

COTTON

Pests Controlled

To aid in the early season control of Rhizoctonia solani, the causal agent of seedling blight.

Rate of Fluoxastrobin ST1

# seeds/kg	mL / 100 kg seed	ml / 100,000 seed	Mg ai / seed²	g/A³	
(# seeds/lb)	(fl oz/100 lb seeds)	(fl oz / 100,000 seeds)		(lb/A)	
9,920	10.33 - 20.67	1.04 - 2.08	0.005 - 0.010	0.43 - 0.85	
(4,500)	(0.16 - 0.32)	(0.04 - 0.07)		(0.0009 - 0.0019)	

Crop Specific Directions and Restrictions:

- Do not apply more than 0.72 lb ai of fluoxastrobin per acre per year including seed treatment, foliar, in-furrow or banded applications.
- ²Rate is calculated based on number of seeds/kg averages of cotton (9,920).
- 3Based on seeding rate of 85.000 seeds/ acre [(85.000 seeds/A) x (mg a.i./seed) x (g/1.000mg).]
- Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

SORGHUM

Pests Controlled

To aid in the early season control of Rhizoctonia solani, the causal agent of seedling blight.

Rate of Fluoxastrobin ST1

# seeds/kg	mL / 100 kg seed	ml / 100,000 seed	Mg ai / seed²	g/A³
(# seeds/lb)	(fl oz/100 lb seeds)	(fl oz / 100,000 seeds)		(lb/A)
39,683	5.21 - 20.86	0.125 - 0.500	0.0006 - 0.0024	0.6 - 2.4
(18,000)	(0.08 - 0.32)	(0.004 - 0.017)		(0.001 -0.005)

Crop Specific Directions and Restrictions:

- ¹Do not apply more than 0.26 lb ai/A of fluoxastrobin per acre per year (including seed treatment, foliar, in-furrow or banded applications).
- 2 Rate is calculated based on number of seeds/kg averages of Sorghum (39,683).
- 3 Based on seeding rate of 100,000 seeds/ acre [(100,000 seeds/A) x (mg a.i./seed) x (g/1000mg)].

SOYBEAN

Pests Controlled

To aid in the early season control of *Rhizoctonia solani*, the causal agent of seedling blight. Provides suppression of seedborne fungi, *Fusarium* spp, *Penicillium* spp, *Aspergillus* spp, that cause seed decay.

Rate of Fluorastrohin ST

# seeds/kg (# seeds/lb)	mL / 100 kg seed (fl oz/100 lb seeds)	ml / 140,000 seed (fl oz / 140,000 seeds)	Mg ai / seed²	g/A³ (lb/A)
6,173 (2,800)	10.43 - 20.86 (0.16 - 0.32)	2.37 - 4.74 (0.080 - 0.160)	0.008 - 0.016	2.4 - 4.8 (0.005 -0.01)

Crop Specific Directions and Restrictions:

- ¹Do not apply more than 0.36 lb ai/A of fluoxastrobin per acre per year (including seed treatment, foliar, in-furrow or banded applications).
- 2 Rate is calculated based on number of seeds/kg averages of soybean (6,173).
- 3 Based on seeding rate of 300,000 seeds/ acre [(300,000 seeds/A) x (mg a.i./seed) x (g/1000mg)].

WHEAT Pests Controlled

To aid in the early season control of Rhizoctonia solani, the causal agent of seedling blight.

Rate of Fluoxastrobin ST

# seeds/kg	mL / 100 kg seed	ml / 100,000 seed	Mg ai / seed²	g/A³
(# seeds/lb)	(fl oz/100 lb seeds)	(fl oz / 100,000 seeds)		(lb/A)
31,967	5.21 - 20.86	0.167 - 0.646	0.0008 - 0.0031	1.87 - 7.25
(14,500)	(0.08 - 0.32)	(0.0056 - 0.022)		(0.004 - 0.016)

Crop Specific Directions and Restrictions:

- ¹Do not apply more than 0.24 lb ai/A of fluoxastrobin per acre per year (including seed treatment, foliar, in-furrow or banded applications)
- 2 Rate is calculated based on number of seeds/kg averages of Wheat (31,967).
- ullet Based on seeding rate of 2,340,000 seeds/ acre [(2,340,000 seeds/A) x (mg a.i./seed) x (g/1000mg).]

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that containers containing seed treated with FLUOXASTROBIN ST must be labeled with the following statements:

- •This seed has been treated with:
 - o FLUOXASTROBIN ST, which contains 41.40% Fluoxastrobin
- •Do not use treated seed for food, feed, or oil.

The US Environmental Protection Agency requires the following statements on containers containing seed treated with **FLUOXASTROBIN ST**:

- Store treated seeds away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that
 planting equipment is functioning properly in accordance with manufacturer's
 recommendations. Surplus seed or empty seed containers should be stored or
 disposed according to state or local regulations.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed, and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)
For MEDICAL, TRANSPORTATION or OTHER Emergencies ONLY
Call 24 Hours A Day 1-800-334-7577

STORAGE AND DISPOSAL

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

Pesticide storage

Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides.

Pesticide disposal

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container handling

Containers with capacities equal to or less than 5 gallons

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 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.

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 by incineration.

Bayer

FLUOXASTROBIN ST

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