

[Container]

GROUP	P07	FUNGICIDE
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SIGNATURE XTRA STRESSGARD

Fungicide

Wettable Granules

SYSTEMIC FUNGICIDE FOR USE ON
TURF

Commercial

ACTIVE INGREDIENT: Fosetyl Al... 60%

REGISTRATION NUMBER: 32800
PEST CONTROL PRODUCTS ACT

CAUTION: EYE IRRITANT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

NET CONTENTS: 1 Kg – 25 Kg

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. S.E.
CALGARY, ALBERTA T2C 3G3

Product Information: 1-888-283-6847
www.bayeres.ca

**In case of spills, poisoning or fire, telephone emergency response number collect
1-800-334-7577 (24 hours a day).**

SIGNATURE XTRA and STRESSGARD are registered trademarks of Bayer.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. During mixing, loading, application, cleanup and repair activities wear chemical-resistant gloves, long coveralls (with hood) over normal clothes, shoes plus socks and a hat. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash concentrate from skin or eyes immediately. After use, wash hands and other exposed skin. Wash hands and face before eating, drinking, smoking or using the toilet. Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs. Keep away from ponds, streams and other water sources. Apply only when the potential for drift to areas of human habitation or areas of human activity (other than golf courses) such as parks, school grounds and playing fields, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Golf courses: For transplanting and planting activities, do not re-enter treated areas for 48 hours. For all other activities, DO NOT re-enter treated area until sprays have dried.

Sod farms: DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Turf: DO NOT enter, or allow worker entry until spray has dried.

FIRST AID:

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

Eye contact: 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 eye. Call a poison control centre or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Ingestion: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

TOXICOLOGICAL INFORMATION:

No specific antidote. Treat symptomatically.

STORAGE:

Store SIGNATURE XTRA STRESSGARD in a dry, ventilated place away from feed, seed or foodstuffs. Unused product should be stored in original container. SIGNATURE XTRA STRESSGARD left exposed to the air will absorb moisture over time and become unusable. If the product becomes caked or lumpy, do not use.

DISPOSAL:

Recyclable Container Disposal: DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

Disposal of Unused, Unwanted Product: Any unused material must be returned to the manufacturer. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product in a way that is inconsistent with the directions on the label.

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GENERAL INFORMATION:

SIGNATURE XTRA STRESSGARD can be used for the control of Pythium blight and for the suppression or control of Pythium root rot and as a preventative control of foliar and basal rot anthracnose in turf. SIGNATURE XTRA STRESSGARD is completely systemic. Product applied to leaves will move downwards to the roots. SIGNATURE XTRA STRESSGARD is most effective when used as a preventative treatment. Plants displaying early disease symptoms, or when conditions for disease are favorable, are most likely to benefit from this treatment.

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DIRECTIONS FOR USE

TURF

GOLF COURSES, SOD FARMS, TURF AREAS

Target Diseases	Product Rate (g/100 m ²)	Application Interval	Instructions
For control of Pythium blight	60 120-180	7 day 14 day	<p>Apply SIGNATURE XTRA STRESSGARD when conditions are favourable for disease development.</p> <p>Apply this product uniformly in 6.0-16.0 L of water/100 m² to the targeted area using the appropriate broadcast application methods.</p> <p>Use the 60 g/100 m² rate and 7-day interval preventively in areas with little history of the disease.</p> <p>Use the 120-180 g/100 m² rate and 14 day interval under conditions which promote disease development (>30 C, high humidity, wet soils) for extended residual control.</p> <p>Do not exceed 640 g/100 m² per season.</p>
For suppression of Pythium root rot	60 120	7 day 14 day	<p>Apply SIGNATURE XTRA STRESSGARD when conditions are favourable for disease development.</p> <p>Apply this product uniformly in 6.0 - 16.0 L of water/100 m² to the targeted area using the appropriate broadcast application methods.</p> <p>Use the 60 g/100 m² rate and 7-day interval preventatively in areas with little history of disease.</p> <p>Do not exceed 640 g/100 m² per season.</p>
For control of Pythium root rot	180	14 day	<p>Apply SIGNATURE XTRA STRESSGARD when conditions are favourable for disease development.</p> <p>Apply this product uniformly in 6.0 - 16.0 L of water/100 m² to the targeted area using the appropriate broadcast application methods.</p> <p>Use the 180 g/100 m² rate and 14 day interval under conditions which promote disease development (> 30° C, high humidity, wet soils) for extended residual control.</p> <p>Do not exceed 640 g/100 m² per season.</p>

For control of anthracnose (basal rot and foliar blight)	60	7 day	Apply SIGNATURE XTRA STRESSGARD when conditions are favourable for disease development. Apply this product uniformly in 6.0 – 16.0 L/100 m ² to the targeted area using the appropriate broadcast application methods. Use the 60 g/100 m ² rate and 7-day interval preventatively in areas with little history of the disease. Do not exceed 640 g/100 m ² per season.
	100–180	7-14 day	Use the 100-180 g/100 m ² rate and 7-14 day interval under conditions of high disease pressure (>30 C, high humidity, wet soils) for extended residual control. Under severe disease pressure, use the highest rate and shortest interval. Do not exceed 640 g/100 m ² per season.
Re-apply when conditions are favourable for disease development. DO NOT APPLY BY AIR. For resistance management it is recommended to rotate with other fungicide products with a different mode of action. See Resistance Management Recommendations below.			

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that SIGNATURE XTRA STRESSGARD contains a Group P07 fungicide. Any fungal population may contain individuals naturally resistant to SIGNATURE XTRA STRESSGARD and other Group P07 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of SIGNATURE XTRA STRESSGARD or other P07 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Notify Bayer CropScience if reduced sensitivity of the pathogen to Signature Xtra StressGard is suspected.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Bayer CropScience representatives at 1-888-283-6847 or at www.bayercropscience.ca.

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