

AZOXYSTROBIN	GROUP	11	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE

Signify™ DG

Broad spectrum fungicide for control of plant diseases

ACTIVE INGREDIENTS: % BY WT.

Azoxystrobin	0.31%
Propiconazole	0.75%
OTHER INGREDIENTS:	98.94%
TOTAL:	100.0%
Contains 0.0075 lb. propiconazole and 0.0031 lb. azoxystrobin per lb. of product.	

Broad spectrum fungicide for control of plant diseases.

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No.: 53883-440-9198

EPA Est. No.: 9198-OH-1

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> 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 poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> 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 center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

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.

Engineering Controls: 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.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE/clothing 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 freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinse. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

GROUND WATER ADVISORY: The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin is known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Notify state and/or federal authorities and The Andersons, Inc. immediately if you observe any adverse environmental effects due to use of this product.

DIRECTIONS FOR USE

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

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.

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.

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

PRODUCT INFORMATION
Signify DG is a combination of two broad-spectrum, preventative fungicides with systemic properties specified for the control of many important plant diseases. All applications must be made according to the use directions that follow.

PRECAUTIONS

Bermudagrass can be sensitive to Signify DG.

RESTRICTIONS

- Do not apply more than 19.2 lb. product/1000 sq. ft./calendar year.
- Apply by ground application only.
- Do not graze or feed clippings from treated turf areas to animals.
- Do not apply when weather conditions favor product blowing from treated areas to nontarget aquatic habitat.
- Do not exceed 3 lb. product/1,000 sq. ft. every 30 days on any variety of bermudagrass. In Florida do not apply Signify DG to bermudagrass golf course greens when temperatures exceed 90°.
- Do not use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

ATTENTION

Signify DG is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees (and apple fruit). DO NOT spread Signify DG where granules may reach apple trees.

RESISTANCE MANAGEMENT

For resistance management, please note that Signify DG contains both a Group 11/Azoxystrobin and Group 3/Propiconazole fungicide. Any fungal population may contain individuals naturally resistant to Signify DG and other Group 11 or Group 3 fungicide. A gradual or total loss of pest control may occur over time if these fungicide are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of Signify DG or other Group 11 or Group 3 fungicide within a growing season sequence with different groups that control the same pathogens.³
- Use tank mixes 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.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that use predictive models alone is not sufficient to manage resistance.
- 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 contact your local retailer or your local university extension specialist.

³If repeated application is necessary, this statement may be modified as follows: "Avoid application of more than 2 and consecutive applications of Signify DG or other fungicides in the same group in a season."

If no resistance specifications on the number of applications is specified in the directions for use, follow the specifications in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Qol Qol fungicide applications	1	1	2	2	2	2	3	3	3	3	4	
Qol fungicide applications in mixture (formulated)	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple applications, develop year-long programs for Group 11 (Qol) fungicides. In crops where two sequential Group 11 fungicide applications are made, they must be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using a Qol fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per year.
- For Qol mixes in programs in which tank mixes or premixes of Qol with mixing partners of a different mode of action are utilized, the number of Qol containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per year.
- In programs in which applications of Qol are made with both solo products and mixtures, the number of Qol containing applications must be no more than (50%) of the total number of fungicide applications applied per year.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

APPLICATION INSTRUCTIONS

Apply Signify DG at rates and timings as described in this label. Signify DG may be applied with all types of spreader equipment commonly used for making ground applications excluding belt/grinder equipment. Proper adjustments and calibration of application equipment to give good coverage is essential for good disease control. The higher rates in the rate range and/or shorter application intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when environmental conditions conducive to disease exist.

TURF

Signify DG is specified for control of certain pathogens causing foliar, stem, and root diseases, including leaf and stem blights, leaf spots, patch diseases, mildews, anthracnose, fairy rings, molds, and rusts of turfgrass plants. Signify DG may be used to control certain diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

Retreatment Intervals: Signify DG must be applied prior to disease development. Repeat applications at specified intervals for as long as required.

RESTRICTIONS

- Do not apply more than 19.2 lb. product/1000 sq. ft./calendar year.
- Apply by ground application only.
- Do not graze or feed clippings from treated turf areas to animals.
- Do not exceed 3 lb. product/1,000 sq. ft. every 30 days on any variety of bermudagrass. In Florida do not apply Signify DG to bermudagrass golf course greens when temperatures exceed 90°.

For use in the establishment of turfgrass from seed or in overseeding of dormant turfgrass:

Signify DG may be used for control of certain turfgrass diseases associated with turfgrass establishment from seed. Signify DG may also be used during overseeding of dormant turfgrass.

Signify DG may be safely applied before or after seeding or at seedling germination and emergence to ryegrass, bentgrass, bluegrass, and fescue turfgrass types. Optimum application timing is during seeding. See Application Directions section.

Retreatment Interval: Use the shorter specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Restriction: Do not use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Target Diseases	Use Rate (lbs. product per 1000 sq. ft.)	Application Interval (days)	Application Instructions
Anthracnose (Colletotrichum cereale) (formerly known as C. graminicola)	2-25	14	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Under high disease pressure, use higher rates of Signify DG and shorter intervals. Alternate with a contact fungicide for example a chlorothalonil product.
	35-4	28	
Bentgrass Dead Spot (Ophiobolus agrestis)	2-25	14	Begin applications prior to disease development.
	35-4	28	

Brown Patch (Rhizoctonia solani) and other Rhizoctonia (R. spp.) diseases such as Large Patch, Zoysia Patch, Leaf & Sheath Spot (R. zeae)	2-25	14	Apply when conditions are favorable for disease development.
	35-4	28	For Large Patch of all warm season turfgrasses, make 1 or 2 applications in the fall prior to infection or when conditions are favorable for infection.
			For Zoysia Patch, make 1 or 2 applications approximately one month prior to zoysia grass dormancy. Reapply 14 to 28 days later.
			For Leaf and Sheath Spot (R. zeae), apply when conditions are favorable for infection such as sequential or periods of temperatures at or above 90°. Curative control may necessitate several applications.
Cool Weather Brown Patch (Rhizoctonia cerealis)	2-25	14	Make one or two applications in fall or when conditions are favorable for disease development.
	35-4	28	
Dichondra Rust (Puccinia dichondrae)	2-25	14	Apply when conditions are favorable for disease development.