

GROUP 11 FUNGICIDE

GROUP 3 FUNGICIDE

# DISARM<sup>®</sup> M GRANULAR

## FUNGICIDE

For the control of foliar, stem and root diseases in turf on and around residential, municipal and commercial properties, including sod farms.

#### ACTIVE INGREDIENT:

**Fluoxastrobin:** [(1*E*)-[2-[[6-(2-Chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl] 5,6-dihydro-1,4,2-dioxazin-3-yl) methanone-*O*-methyloxime] ..... 0.25%

**Myclobutanil:** Alpha-butyl-alpha-(4-chlorophenyl)-1*H*-1,2,4-triazole-1-propanenitrile ..... 0.43%

**OTHER INGREDIENTS:** ..... 99.32%

**TOTAL:** ..... 100.00%

EPA Reg. No. 70506-432

EPA Est. No. 70815-GA-001

## 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.)

See attached booklet for additional Precautionary Statements including First Aid, Storage and Disposal and complete Directions For Use.

For Product Use Information Call: 1-800-438-6071

## Net Weight: 25 Pounds

**TURF &  
ORNAMENTAL**

Produced for: **UPL NA Inc.** • 630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406 U.S.A. • 1-800-438-6071



## FIRST AID

### 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 physician if irritation persists.

## HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY: 1-866-673-6671.**

**FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.**

**For Product Use Information Call: 1-800-438-6071**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### 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, such as nitrile, butyl, neoprene and/or barrier laminate. These are only some of the glove materials that are chemically resistant to this product. For more options, refer to category A on an EPA chemical resistance category selection chart.

## 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 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.

## USER SAFETY RECOMMENDATIONS:

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing 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 fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The active ingredient fluoxastrobin 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.

## 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.

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

### **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) of 48 hours.

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: long-sleeved shirt and long pants or coveralls, shoes plus socks, and chemical-resistant gloves made of any waterproof material, such as nitrile, butyl, neoprene, and/or barrier laminate.

### **NON-AGRICULTURAL USE REQUIREMENTS**

THE REQUIREMENTS IN THIS BOX APPLY TO USES OF THIS PRODUCT THAT ARE not WITHIN THE SCOPE OF THE Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets out of treated area until dust has settled.

Applications to golf courses, industrial parks, office parks, office parks or municipal lawns are not within the scope of the Worker Protection Standard.

## **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 place. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC day or night at (703) 527-3887 or 1-800-424-9300.

### **PESTICIDE DISPOSAL**

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

### **CONTAINER DISPOSAL**

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke. Offer for recycling if available.

## **PRODUCT INFORMATION**

DISARM® M GRANULAR Fungicide is a systemic, protectant and curative broad-spectrum fungicide for the control of certain diseases in turf. DISARM M GRANULAR Fungicide works by interfering with respiration and sterol synthesis in plant-pathogenic fungi, and is a potent inhibitor of spore germination aid; mycelial growth. The active ingredients, fluoxastrobin and myclobutanil, move rapidly into green tissue via translaminar movement and are rainfast in as little as fifteen minutes after application. Roots of plants also take up the active ingredients where it is translocated throughout the xylem of plants to provide internal inhibition of fungal growth and protect the plant from new infections. The broad spectrum of activity of DISARM M GRANULAR Fungicide makes it an excellent choice as a broad spectrum, dual action fungicide for turf disease management programs. Other labeled fungicides can be used alternated with DISARM M GRANULAR Fungicide to cover all the major fungal diseases that attack most, if not all, major turfgrass diseases

**UNDER CERTAIN CONDITIONS CONDUCIVE TO EXTENDED INFECTION PERIODS, ADDITIONAL FUNGICIDE APPLICATIONS BEYOND THE NUMBER ALLOWED BY THIS LABEL MAY BE NEEDED. UNDER THESE CONDITIONS, USE ANOTHER FUNGICIDE REGISTERED FOR THE DISEASE.**

## **RESISTANCE MANAGEMENT**

The active ingredients in DISARM M GRANULAR Fungicide (fluoxastrobin and myclobutanil) belong to the strobilurin (Group 11 Fungicides) and the demethylase inhibitor (Group 03 Fungicides) classes of fungicides. The dual action of DISARM M GRANULAR 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 turf. Such strategies may include rotating and/or tank-mixing with products having different modes of action, or limiting the total number of applications per season. UPL NA Inc. encourages responsible resistance-management to ensure effective long-term control of the fungal diseases on this label.

In programs in which DISARM M GRANULAR Fungicide is used, ensure that no more than half of the total number of fungicide applications per season for at risk pathogens are either Group 11 fungicides (strobilurins) or Group 03 fungicides (demethylase inhibitors).

Turf pathogens that cause Dollar Spot, Gray Leaf Spot, Anthracnose, and Pythium Blight are known to have the capacity to develop resistant populations with the repeated use of a single fungicide or a single class of fungicide chemistry.

## **APPLICATION GUIDELINES**

Uniform application is necessary to provide good disease control. Calibrate granule applicator equipment before use. See table below for information on applicator settings. These settings are a starting point for calibration of equipment.

## **USE DIRECTIONS FOR TURF**

DISARM M GRANULAR Fungicide provides control of many important diseases in turf including but not limited to species of Bentgrass, Kentucky Bluegrass, Annual Bluegrass, Fescue, Ryegrass, Bermudagrass, St. Augustinegrass and Zoysiagrass. Use DISARM M GRANULAR Fungicide in conjunction with cultural practices that promote healthy, vigorous turf. These practices include nutrient management, thatch management, water management and judicious use of other pesticides.

DISARM M GRANULAR Fungicide may be used for control of turfgrass diseases associated with established turf and with turfgrass establishment from seed. DISARM M GRANULAR Fungicide may also be used during overseeding of dormant turfgrass.

DISARM M GRANULAR Fungicide may be safely applied before or after seeding or at seedling germination and emergence to ryegrass, bentgrass, bluegrass, fescue, and other turfgrasses. Optimum application timing for control of seedling diseases is just prior to, during or just after seeding. Rate Ranges: Use the shorter specified application interval and/or the higher specified rate when prolonged favorable disease conditions exist.

**For use on residential turf, do not apply more than 160 lb/A (3.6 lb/1,000 sq ft). See DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF table (below).**

<b>DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF</b>				
<b>Disease Control</b>	<b>DISARM M GRANULAR Fungicide Use Rates</b>		<b>Retreatment Interval (days)</b>	<b>Remarks</b>
	<b>Lb Product/A</b>	<b>Lb Product/ 1,000 sq ft</b>		
Anthracnose* (Foliar Infection Phase) <i>(Colletotrichum graminicola)</i>	100 - 160	2.3 - 3.6	14 - 28	Use preventively. Begin applications when conditions are favorable for disease development. Under severe conditions tank-mix with another fungicide labeled for control of Anthracnose.
Anthracnose* (Crown Rot Phase) <i>(Colletotrichum graminicola)</i>	100 - 160	2.3 - 3.6	14 - 21	Use preventively. Begin applications when conditions are favorable for disease development. Tank-mix with another fungicide labeled for control of Anthracnose.
Brown Ring/Watea Patch <i>(Waitea circinata)</i>	100 - 160	2.3 - 3.6	14 - 28	Apply when conditions are favorable for disease development.
Brown Patch <i>(Rhizoctonia solani)</i>	50 - 160	1.2 - 3.6	14 - 28	Apply when conditions are favorable for disease development.
Cool Weather Brown Patch Yellow Patch <i>(Rhizoctonia cerealis)</i>	100 - 160	2.3 - 3.6	28	Make one or two applications in fall or when conditions are favorable for disease development.

## DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF *(continued)*

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Dollar Spot* <i>(Sclerotinia homoeocarpa)</i>	100 - 160	2.3 - 3.6	14 - 21	DISARM M GRANULAR Fungicide provides preventive control of light to moderate dollar spot pressure when used to control other diseases. Under heavy dollar spot pressure or where dollar spot is the only target use the high rate in combination with or in alternation with other fungicides labeled for control of Dollar Spot.
Fairy Ring <i>(Basidiomycete fungi)</i>	100 - 160	2.3 - 3.6	21 - 28	Apply where Fairy Rings have been observed in the past or at the first sign of fairy ring development. Irrigate after application to move the fungicide into the root zone. Repeat as necessary.
Gray Leaf Spot* <i>(Pyricularia grisea)</i>	100 - 160	2.3 - 3.6	14 - 28	Begin applications before disease is present. Under heavy disease pressure use in combination with other fungicides labeled for control of Gray Leaf Spot.
Leaf Spot <i>(Bipolaris sorokiniana)</i>	100 - 160	2.3 - 3.6	14 - 21	Apply when conditions are favorable for disease development.
Melting Out <i>(Drechslera poae)</i>	100 - 160	2.3 - 3.6	14 - 21	Apply when conditions are favorable for disease development.
Microdochium (Fusarium) Patch <i>(Microdochium nivale)</i>	100 - 160	2.3 - 3.6	14 - 28	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.

*(continued)*



## DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF *(continued)*

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Necrotic Ring Spot <i>(Leptosphaeria korrae)</i>	150 - 160	3.6	14 - 28	Apply when conditions are favorable for disease development.
Pink Patch <i>(Limonomyces roseipellis)</i>	100 - 160	2.3 - 3.6	14 - 28	Apply when conditions are favorable for disease development.
Powdery Mildew <i>(Erysiphe graminis)</i>	100 - 160	2.3 - 3.6	14 - 28	Apply at first sign of infection. Repeat as necessary.
Pythium Blight* <i>(Pythium aphanidermatum)</i>	100 - 160	3.6	14	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. During periods of prolonged favorable conditions, treat on the 14-day application interval. When conditions are favorable for heavy Pythium Blight pressure use DISARM M GRANULAR Fungicide in combination or alternation with another product registered for Pythium Blight control.
Pythium Root Rot <i>(Pythium spp.)</i>	100 - 160	3.6	14	Apply when conditions are favorable for disease development.
Pythium Damping Off <i>(Pythium spp.)</i>	100 - 160	3.6	14	Apply uniformly to the seed bed before, during or just after seeding. Lightly irrigate after application. Repeat application if conditions remain favorable for disease.

*(continued)*

**DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF (continued)**

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Pythium Root Dysfunction* ( <i>Pythium volutum</i> )	150 - 160	3.6	14 - 28	Apply when conditions are favorable for disease development (when mean daily soil temperatures are between 50°F and 75°F),
Red Thread ( <i>Laetisaria fuciformis</i> )	100 - 160	2.3 - 3.6	14 - 28	Apply when conditions are favorable for disease development.
Rust ( <i>Puccinia</i> spp.)	100 - 160	2.3 - 3.6	14 - 28	Apply at the first sign of infection or when conditions are favorable for disease development. Repeat as necessary.
Snow Mold, Pink ( <i>Microdochium nivale</i> )	100 - 160	2.3 - 3.6	28	Apply 1 to 2 applications prior to permanent snow cover.
Snow Mold, Typhula Blight ( <i>Typhula incarnata</i> )	100 - 160	2.3 - 3.6	28	
Southern Blight ( <i>Sclerotium rolfsii</i> )	100 - 160	2.3 - 3.6	14 - 28	Apply when conditions are favorable for disease development.

(continued)

## DIRECTIONS FOR APPLICATION TO RESIDENTIAL TURF *(continued)*

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Spring Dead Spot <i>(Leptosphaeria korrae)</i> or <i>(Gaeumannomyces graminis var. graminis)</i> or <i>(Ophiosphaerella herpotricha)</i>	100 - 160	2.3 - 3.6	14 - 28	Apply 1 or 2 applications approximately one month prior to Bermudagrass dormancy. Apply 1" to 2" of irrigation after application.
Summer Patch <i>(Magnaporthe poae)</i>	100 - 160	2.3 - 3.6	14 - 28	Start applications in the spring when soil temperatures at 2" depth reach 60 - 65° F or as prescribed by local turf specialists.
Take-All Patch <i>(Gaeumannomyces graminis var. avenae)</i>	100 - 160	2.3 - 3.6	28	Begin applications before disease is present and continue applications while conditions are favorable for disease development. Make two applications in the spring and two applications in the fall.
Zoysia Patch Large Patch of Zoysia <i>(Rhizoctonia solani and/or Gaeumannomyces spp.)</i>	100 - 160	2.3 - 3.6	14 - 28	Make 1 - 2 applications in the fall before dormancy. Consult with local turfgrass experts for optimum timing in your area.

\*See **RESISTANCE MANAGEMENT** section when using DISARM M GRANULAR Fungicide for control of these diseases. For residential turf, see the **DIRECTIONS FOR APPLICATIONS TO RESIDENTIAL TURF** table for disease-specific retreatment intervals and follow the instructions in the **Remarks** column.

### Restrictions and Other Information

- Do not apply more than 476 lbs DISARM M GRANULAR Fungicide per acre per year (1.2 lb fluoxastrobin and 2.0 lb myclobutanil). Other products containing fluoxastrobin can be used so long as the amount of fluoxastrobin applied per acre per year does not exceed 2.2 lb.
- Under conditions of high disease pressure, use the higher rates, the shortest application interval or both.
- For soil-borne diseases, use sufficient water to move the active ingredient into the crown and upper root zone.
- There is a maximum number of 4 applications per year and a minimum interval of 14 days between applications.
- Do not graze animals on treated turf.

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Anthracnose (Foliar Infection Phase) <i>(Colletotrichum graminicola)</i>	100 - 200	2.3 - 4.6	14 - 28	Use preventively. Begin applications when conditions are favorable for disease development. Under severe conditions tank-mix with another fungicide labeled for control of Anthracnose.
Anthracnose (Crown Rot Phase) <i>(Colletotrichum graminicola)</i>	100 - 200	2.3 - 4.6	14 - 21	Use preventively. Begin applications when conditions are favorable for disease development. Tank-mix with another fungicide labeled for control of Anthracnose.
Brown Ring/Waitea Patch <i>(Waitea circinata)</i>	100 - 200	2.3 - 4.6	14 - 28	Apply when conditions are favorable for disease development.
Brown Patch <i>(Rhizoctonia solani)</i>	50 - 200	1.2 - 4.6	14 - 28	Apply when conditions are favorable for disease development.

(continued)

**DIRECTIONS FOR APPLICATION TO NON-RESIDENTIAL TURF (continued)**

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Cool Weather Brown Patch Yellow Patch ( <i>Rhizoctonia cerealis</i> )	100 - 200	2.3 - 4.6	28	Make one or two applications in fall or when conditions are favorable for disease development.
Dollar Spot* ( <i>Sclerotinia homoeocarpa</i> )	100 - 200	2.3 - 4.6	14 - 21	DISARM M GRANULAR Fungicide provides preventive control of light to moderate dollar spot pressure when used to control other diseases. Under heavy dollar spot pressure or where dollar spot is the only target use the high rate in combination with or in alternation with other fungicides labeled for control of Dollar Spot.
Fairy Ring ( <i>Basidiomycete fungi</i> )	100 - 200	2.3 - 4.6	21 - 28	Apply where Fairy Rings have been observed in the past or at the first sign of fairy ring development. Irrigate after application to move the fungicide into the root zone. Repeat as necessary.
Gray Leaf Spot* ( <i>Pyricularia grisea</i> )	100 - 200	2.3 - 4.6	14 - 28	Begin applications before disease is present. Under heavy disease pressure use in combination with other fungicides labeled for control of Gray Leaf Spot.
Leaf Spot ( <i>Bipolaris sorokiniana</i> )	100 - 200	2.3 - 4.6	14 - 21	Apply when conditions are favorable for disease development.
Melting Out ( <i>Drechslera poae</i> )	100 - 200	2.3 - 4.6	14 - 21	Apply when conditions are favorable for disease development

**DIRECTIONS FOR APPLICATION TO NON-RESIDENTIAL TURF (continued)**

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Microdochium (Fusarium) Patch ( <i>Microdochium nivale</i> )	100 - 200	2.3 - 4.6	14 - 28	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.
Necrotic Ring Spot ( <i>Leptosphaeria korrae</i> )	150 - 200	3.5 - 4.6	14 - 28	Apply when conditions are favorable for disease development.
Pink Patch ( <i>Limonomyces roseipellis</i> )	100 - 200	2.3 - 4.6	14 - 28	Apply when conditions are favorable for disease development.
Powdery Mildew ( <i>Erysiphe graminis</i> )	100 - 200	2.3 - 4.6	14 - 28	Apply at first sign of infection. Repeat as necessary.
Pythium Blight* ( <i>Pythium aphanidermatum</i> )	100 - 200	3.5 - 4.6	14	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. During periods of prolonged favorable conditions, treat on the 14-day application interval. When conditions are favorable for heavy Pythium Blight pressure use DISARM M GRANULAR Fungicide in combination or alternation with another product registered for Pythium Blight control.
Pythium Root Rot ( <i>Pythium</i> spp.)	100 - 200	3.5 - 4.6	14	Apply when conditions are favorable for disease development.

(continued)

**DIRECTIONS FOR APPLICATION TO NON-RESIDENTIAL TURF (continued)**

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Pythium Damping Off ( <i>Pythium</i> spp.)	100 - 200	3.5 - 4.6	14	Apply uniformly to the seed bed before, during or just after seeding. Lightly irrigate after application. Repeat application if conditions remain favorable for disease.
Pythium Root Dysfunction* ( <i>Pythium volutum</i> )	150 - 200	3.5 - 4.6	14 - 28	Apply when conditions are favorable for disease development (when mean daily soil temperatures are between 50°F and 75°F).
Red Thread ( <i>Laetisaria fuciformis</i> )	100 - 200	2.3 - 4.6	14 - 28	Apply when conditions are favorable for disease development.
Rust ( <i>Puccinia</i> spp.)	100 - 200	2.3 - 4.6	14 - 28	Apply at the first sign of infection or when conditions are favorable for disease development. Repeat as necessary.
Snow Mold, Pink ( <i>Microdochium nivale</i> )	100 - 200	2.3 - 4.6	28	Apply 1 to 2 applications prior to permanent snow cover.
Snow Mold, Typhula Blight ( <i>Typhula incarnata</i> )	100 - 200	2.3 - 4.6	28	
Southern Blight ( <i>Sclerotium rolfsii</i> )	100 - 200	2.3 - 4.6	14 - 28	Apply when conditions are favorable for disease development.

(continued)

**DIRECTIONS FOR APPLICATION TO NON-RESIDENTIAL TURF (continued)**

Disease Control	DISARM M GRANULAR Fungicide Use Rates		Retreatment Interval (days)	Remarks
	Lb Product/A	Lb Product/1,000 sq ft		
Spring Dead Spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	100 - 200	2.3 - 4.6	14 - 28	Apply 1 or 2 applications approximately one month prior to Bermudagrass dormancy. Apply 1" to 2" of irrigation after application.
Summer Patch ( <i>Magnaporthe poae</i> )	100 - 200	2.3 - 4.6	14 - 28	Start applications in the spring when soil temperatures at 2" depth reach 60 - 65° F or as prescribed by local turf specialists.
Take-All Patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	100 - 200	2.3 - 4.6	28	Begin applications before disease is present and continue applications while conditions are favorable for disease development. Make two applications in the spring and two applications in the fall.
Zoysia Patch Large Patch of Zoysia ( <i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces</i> spp.)	100 - 200	2.3 - 4.6	14 - 28	Make 1 - 2 applications in the fall before dormancy. Consult with local turfgrass experts for optimum timing in your area.

\*See **RESISTANCE MANAGEMENT** section when using DISARM M GRANULAR Fungicide for control of these diseases. For non-residential turf, see the **DIRECTIONS FOR APPLICATIONS TO NON-RESIDENTIAL TURF** table for disease-specific retreatment intervals and follow the instructions in the **Remarks** column.



### Restrictions and Other Information

- Do not apply more than 476 lbs DISARM M GRANULAR Fungicide per acre per year (1.2 lb fluoxastrobin and 2.0 lb mycobutanil). Other products containing fluoxastrobin can be used so long as the amount of fluoxastrobin applied per acre per year does not exceed 2.2 lb.
- Under conditions of high disease pressure, use the higher rates, the shortest application interval or both.
- For soil-borne diseases, use sufficient water to move the active ingredient into the crown and upper root zone.
- There is a maximum number of 4 applications per year and a minimum interval of 14 days between applications.
- Do not graze animals on treated turf.

<b>Spreader</b>	<b>2 lb/1,000 sq ft</b>	<b>3 lb/1,000 sq ft</b>	<b>4 lb/1,000 sq ft</b>
Cyclone	3	4	4%
Lely	3 ll	4 ll	5 ll
Lesco	10	15	16
Scotts R8A/SR-1	l	K	L
Spyker	3	3 1/2	4 1/4
Vicon	20	22	23

Note: Spreader settings are approximate starting points for calibrating equipment.

## Warranty and Disclaimer Statement

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 associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of UPL NA Inc., and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

UPL NA Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to UPL NA Inc., and is subject to the inherent risks described above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC., MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF UPL NA INC. IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF UPL NA INC., MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT UPL NA INC.'S ELECTION, THE REPLACEMENT OF THE PRODUCT.**

UPL, the UPL logo and DISARM are trademarks of a UPL Corporation Limited Group Company.

®/™ All other products are trademarks of their respective companies.

©2022 UPL Corporation Limited Group Company

XXXXXXX-A (1022)

ESL010512-10171-061522

## NOTES

## NOTES

GROUP	11	FUNGICIDE
GROUP	3	FUNGICIDE

# DISARM<sup>®</sup> M GRANULAR

## FUNGICIDE

For the control of foliar, stem and root diseases in turf on and around residential, municipal and commercial properties, including sod farms.

### ACTIVE INGREDIENT:

**Fluoxastrobin:** [(1E)-2-[[[6-(2-Chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl] 5,6-dihydro-1,4,2-dioxazin-3-yl) methanone-O-methylxime] ..... 0.25%

**Myclobutanil:** Alpha-butyl-alpha-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile ..... 0.43%

**OTHER INGREDIENTS:** ..... 99.32%

**TOTAL:** ..... 100.00%

EPA Reg. No. 70506-432

EPA Est. No. 70815-GA-001

## 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.)

See attached booklet for additional Precautionary Statements including First Aid, Storage and Disposal and complete Directions For Use.

For Product Use Information Call: 1-800-438-6071

## Net Weight: 25 Pounds

Produced for: UPL NA Inc. • 630 Freedom Business Center, Suite 402, King of Prussia, PA 19406 U.S.A. • 1-800-438-6071

**FIRST AID - 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 physician if irritation persists. **HOT LINE NUMBER** - Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY:** 1-866-673-6671. **FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC:** 1-800-424-9300 or +1-703-527-3887. **PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION** - Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. **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 fluoxastrobin 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. **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.

**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 place. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC day or night at (703) 527-3887 or 1-800-424-9300. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke. Offer for recycling if available.



PEEL DOWN FOR DIRECTIONS >

XXXXXX-A (1022) ESL010512-10171-061522