

ORNAMENTALS

General Information

GENERAL INFORMATION

DISARM G Fungicide is a broad-spectrum xylem systemic fungicide for the control of certain diseases in turf and ornamentals. DISARM G Fungicide works by interfering with respiration in plant-pathogenic fungi, and is a potent inhibitor of spore germination and mycelial growth. The active ingredient, fluoxastrobin, moves rapidly into green tissue via translaminar and xylem movement. Roots of plants take up the active ingredient 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 G Fungicide makes it an excellent choice as the foundation fungicide for turf and ornamental disease management programs. Other labeled fungicides can be used in alternation with DISARM G Fungicide to cover all the major fungal diseases that attack most, if not all, major turfgrass and ornamental species.

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 ingredient in DISARM G Fungicide (fluoxastrobin) belongs to the strobilurin class of chemistry which exhibits no known cross-resistance to other chemical classes including sterol inhibitors, dicarboximides, benzimidazoles, anilinopyrimidines, or phenylamides. Fluoxastrobin exhibits cross-resistance to other QoI fungicides, such as: trifloxystrobin, azoxystrobin, and kresoxim-methyl (Group 11 fungicides). Certain 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. Arysta LifeScience encourages responsible resistance management to ensure effective long-term control of the

fungal diseases on this label.

Follow specific recommendations that limit the total number of applications on turf and the required alternations with fungicides from other resistance management groups. In situations requiring multiple fungicide applications, develop season-long spray programs for using Group 11 (QoI-containing) fungicides with the following guidelines. 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.

1. When using a Group 11 fungicide alone, the number of applications made for control of at risk diseases should be no more than one third of the total number of fungicide applications per season.
2. In programs where tank mixes or pre-mixes of a Group 11 fungicide with a fungicide of another Group are utilized, the number of Group 11 fungicide applications made for control of at risk diseases should be no more than one half of the total number of fungicide applications per season.
3. In programs where applications of Group 11 fungicides are made with both solo products and mixtures, the number of Group 11 fungicide applications made for control of at risk diseases should be no more than one half of the total number of fungicide applications per season.

APPLICATION GUIDELINES

Uniform application is necessary to provide good disease control. Calibrate granule application equipment before use.

PLANT SAFETY: DISARM G Fungicide has been shown to be safe when applied to the ornamental plants listed in the table in the label. However, due to the large number of genera, species and varieties of ornamental and nursery plants, it is impossible to test every variety or cultivar for tolerance to DISARM G Fungicide. Neither the manufacturer nor the seller has determined whether or not DISARM G Fungicide can be used safely on genera, species, or varieties of ornamental and nursery plants not specified on this label. The professional user should conduct small scale testing to insure plant safety prior to broad scale commercial use on plant genera and species not listed in this label.

NOTE: DO NOT USE DISARM G FUNGICIDE ON LEATHERLEAF FERN OR OTHER FERNS GROWN UNDER NATURAL OR ARTIFICIAL SHADE.

See label for the GRANULAR SPREADER SETTINGS.

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

Limitations, Restrictions, and Exceptions

DIRECTIONS FOR APPLICATION TO ORNAMENTALS

Pests - Not for use in California.

DISARM G Fungicide is recommended for control of certain pathogens causing foliar, root and stem diseases of ornamentals. Applications can be made to plants growing in containers, benches, flats, plugs and beds in greenhouses, shadehouses, outdoor nurseries, field plantings, retail nurseries, interiorscapes, residential, public and commercial landscape areas.

DISARM G Fungicide may be applied to control foliar, soilborne, seedling, and crown diseases of production ornamentals (greenhouse, shadehouse, container grown and field grown) when applied to the surface of the growing media or when incorporated into the growing mix before planting. Make applications prior to infection as healthy roots are necessary to optimize product uptake, systemic translocation and disease protection. Surface applications of Disarm G Fungicide are not recommended where crops are watered through subsurface or flood irrigation systems.

For surface applications apply DISARM G Fungicide at 150–200 lb/Acre (3.5–4.6 lb/1,000 sq ft, 0.35–0.46 oz/100 sq ft). Under light to moderate disease pressure, use the lower rate (3.5 lb/1,000 sq ft). Use the higher rate (4.6 lb/1,000 sq ft) where disease pressure is heavy. Additional applications may be made at 28 day intervals as needed.

Restriction: Do not apply more than 2.2 lb active ingredient per acre per year.

Water in after application with enough water to completely wet the growing media.

DISARM G Fungicide may be incorporated into the growing mix before planting. Incorporate 18 oz Disarm G Fungicide (0.0028 lb ai) per cubic yard uniformly throughout the potting mix. If this treated potting mix is used a topdressing or soil

amendment, do not use more than 1 cu ft of treated potting mix per 55.68 sq ft of soil surface.

The following diseases will be controlled by surface or potting mix applications of Disarm G Fungicide.

Foliar Diseases

Disarm G Fungicide will control certain foliar diseases of ornamentals when applications are made in advance of infection periods. The application must be made sufficiently in advance of foliar infection periods to allow the active ingredient to be translocated throughout the plants. Depending upon the plant species, the stage of growth and the environmental conditions, it may take 1-3 weeks for the fungicide to protect plants from foliar disease infection. The length of control will vary with the plant species and the pathogen.

Restriction: do not apply more than 2.2 lb of fluoxastrobin per acre per year.

Method

[Surface](#)

Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

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Restricted Entry Interval

12 hours

Timings

[N. A.](#)