



May be used on cool & warm season grasses

Systemic Fungicide for turf and ornamentals

Lawn disease control

For the prevention and control of turf diseases and the diseases of annual and perennial flowers, bedding plants, ground covers, plus deciduous and evergreen trees and shrubs



Covers up to 5,000 sq. ft.

Also provides broad spectrum systemic control of soil borne diseases

Effective on 32 listed diseases

ACTIVE INGREDIENT:
Thiophanate-methyl (dimethyl 4,4'-o-phenylenebis[3-thioallophanate]) 2.08%
OTHER INGREDIENTS: 97.92%
TOTAL: 100.00%
EPA Est. No. 32802-MO-1(B), 59144-GA-1(A), 37351-CO-1(C), 8378-IN-1(D), 9404-FL-1(E), 35497-OR-1(H), 49991-TX-1(Q), 35512-FL-2 (K), 4-NY-1
EPA Reg. No. 53883-183-4

Keep Out Of Reach Of Children
CAUTION (See back of bag for FIRST AID and additional PRECAUTIONARY STATEMENTS)



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 directly contact any person or pet. Keep people and pets out of the area during application. Do not enter or allow others to enter the treated areas until dusts have settled.

HOMEOWNER TURF AND ORNAMENTAL APPLICATIONS

GENERAL INFORMATION

This product is a broad-spectrum fungicide for use on a wide variety of turf diseases. This product may be applied using ground based, hand-operated or mechanical equipment; do not apply this product by hand or with hand-held rotary spreader. If a rate range is given, use the higher rate under conditions of severe disease pressure. Contact your State Extension service for recommendations for application schedules appropriate to your area.

HOMEOWNER TURF APPLICATIONS

This product may be used on all cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures in residential turf sites. When used in accordance with the instructions in this label, this product is not phytotoxic to any of the above-mentioned grasses.

Application Instructions

- Apply under dry or moist leaf/soil conditions.
- For best results, activate the application within 24 hours with irrigation or natural rainfall. If activating by irrigation, apply 0.10 - 0.25 inches of water.

Refer to the following table for specific rates and timing depending on the disease being treated.

When treating under severe disease pressure, use the highest specified rate listed below.

Diseases	Disease Specific Instructions	Application Rate (1.5 - 3 Lbs./1000 sq. ft.)
Dollar Spot <i>Moellerodiscus</i> , <i>Lanzia</i> , <i>Sclerotinia</i>	For Prevention: Apply prior to the expected development of the disease using the lowest rate listed.	
Large Brown Patch <i>Rhizoctonia solani</i>	For Treatment: Apply when disease first appears and repeat applications every 14-days.	
Ascochyta Leaf Blight <i>Ascochyta</i> spp.		
Copper Spot <i>Gloeocercospora sorghi</i>		
Red Thread <i>Laetisaria fuciformis</i>		
Fusarium Patch <i>Fusarium nivale</i>		
Zoyzia Patch <i>Rhizoctonia solani</i>		
Pink Snow Mold <i>Michrodochium nivale</i>	Make first application prior to cessation of turf growth activity in middle-late Fall or early Winter, or in Spring during periods of thaw, or when disease symptoms first appear. Throughout the expected disease period, continue making applications at 14-day intervals. For best results, make the first application before the turf is completely dormant.	
Anthracnose, foliar <i>Colletotrichum graminicola</i>	For Prevention: Once soil temperature reaches 60°F, make two applications at 14-day intervals.	
Anthracnose, basal <i>Colletotrichum graminicola</i>	For Treatment: Apply at first sign of disease and continue applications at 14-day intervals.	
Bermudagrass Decline <i>Gaeumannomyces graminis</i> var. <i>graminis</i>	Apply in mid-July or when disease symptoms first appear and repeat at 14-day intervals for suppression. Use higher rates under most severe disease expression. Follow proper agronomic instructions to maintain plant vigor.	
Take-All-Patch <i>Gaeumannomyces graminis</i> var. <i>aavenae</i>		
Cool Season Brown Patch <i>Rhizoctonia cerealis</i>	For Prevention: Apply in the fall prior to cessation of turf growth. Make a second application in early Spring when disease first appears or when soil temperatures reach 55-60°F, whichever occurs first.	
Necrotic Ring Spot <i>Leptosphaeria korrea</i>	For Treatment: Apply in early Spring when disease first appears and repeat applications every 14-days.	
Spring Dead Spot <i>Leptosphaeria korrea</i>	Make two treatments at 21-day intervals in late fall to early winter. Make the last application just prior to first permanent snow cover.	
Coprinus Snow Mold <i>Coprinus psychromorbidus</i>	Apply when disease first appears. Make repeat applications at 14-day intervals.	
Fusarium Blight <i>Fusaarium roseum</i> and <i>F. triticum</i>	Make a preventative application prior to the expected onset of disease development. Continue applications at 14-day intervals as needed.	
Gray Leaf Spot (Blast) <i>Pyricularia grisea</i>	Apply when disease first appears and make applications at 14-day intervals as needed.	
Leaf Spot <i>Drechslera</i> spp.		
Leaf, Crown, and Root Diseases <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>		
Stripe Smut <i>Ustilago striiformis</i>	For Prevention: Apply in spring and fall. For Treatment: Make two applications, the first when the disease first appears and the second 14-days later.	
Summer Patch <i>Magnaporthe poae</i>	For Prevention: Using a 21-day reapplication interval, make three applications starting in late April or early May.	
	For Treatment: Apply at 14-day intervals when disease first appears.	

SPREADER SETTINGS (Per 1000 Sq. Ft.)		
	1.5 Lbs. (Prevention) SETTING	3.0 Lbs. (Treatment) SETTING
Drop Spreaders:		
Republic EZ #530	1.5	2.5
Scotts AccuGreen	3	5
Sears Drop	3.5	5
Rotary Spreaders:		
Earthway	7	9
Republic EZ #540	1.5	3
Scotts SpeedyGreen	3.5	6.5
Sears Rotary	1.5	3

HOMEOWNER HORTICULTURAL APPLICATIONS

This product is a broad spectrum systemic fungicide for control of soil borne diseases effecting bulbs, corms, rhizomes, roots, crowns, and stems caused by: • Botrytis • Cylindrocladium • Fusarium • Gliocladium • Myrothecium • Penicillium • Ramularia • Rhizoctonia • Sclerotinia • Thielaviopsis

This product may be used on annual and perennial flowers, bedding plants, foliage plants, ground covers, and deciduous and evergreen trees and shrubs. When using this product be sure to follow the guidelines in the General Information Section.

NOTE: Because this product does not control *Phthium* or *Phytophthora*, rotating with metalaxyl, etridazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-Ak is required to control *Phthium* and *Phytophthora*.

USE PRECAUTIONS

- This product is not recommended for use on Swedish Ivy (*Nephrolepis exhalta*), Boston Fern (*Plectransthus australis*) and Easter Cactus (*Hattiora gaertnen*).
- DO NOT apply to home orchards/fruit trees.
- For cut flowers, the maximum application rate is 0.5 pounds active ingredient per acre per application.
- Because it is impossible to test this product on all species and cultivars, a preliminary trial on a small scale is recommended before a full treatment is applied to any plant type not shown on this label. When conducting the trial, wait 5-7 days after treatment to evaluate results.
- Do not apply this product through any type of irrigation system.
- Do not apply by hand or with handheld rotary spreader (e.g. belly grinder).
- Do not graze animals on treated turf.
- Do not feed clippings to livestock or poultry.
- Use only properly calibrated application equipment when applying this product.
- Thoroughly clean all application equipment after each use.
- This product is not guaranteed to be compatible with any other pesticides.

Application Instructions

This product may be applied as a surface, fly-on, broadcast or over-the-top application or media incorporated.

Surface and broadcast applications to established plants:

- Apply 3 lbs. of this product/1000 sq. ft.
- Apply under dry or moist leaf/soil conditions.
- For best results, activate the application within 24 hours with irrigation or natural rainfall. If activating by irrigation, apply 0.10 - 0.25 inches of water.

Media Incorporation:

- Mix at a rate of 2-3 lb./cubic yard before seeding or transplanting of desired crop.
- If not activated by the application of moisture, media incorporated with this product may be stockpiled until needed for later use.

For Preventive control:

- Prior to planting, apply as a media incorporation using the rate listed above.
- After seeding or transplant to propagation beds, containers, pot, or nursery or landscape beds, apply as a broadcast, flu-on, surface or over the top application using the surface and broadcast application instructions above.

For Treatment:

- When disease first appears after seeding or transplanting, apply using the surface and broadcast application instructions above.
- To maintain protection, make repeat applications every 21-28 days.

RESISTANCE MANAGEMENT

In order to prevent the development of tolerant strains of fungi, this product should only be used with other fungicides that use different modes of action. Bonide does NOT recommend using this product with products containing the active ingredient thiabendazole because thiabendazole has a similar chemistry and mode of action and can contribute to the development of disease tolerance. This product can remain useful for disease control as long as specified precautions are followed. A tolerant strain of fungi may be present if this product treatment is found to be ineffective and you should promptly contact your State Agricultural Experiment Station or State Cooperative Extension Service for disease identification and advice on other suitable fungicide or disease control strategies.

MAXIMUM APPLICATION RATES AND MINIMUM RETREATMENT INTERVALS

- DO NOT exceed a maximum of three (3) pounds of product per 1000 square feet per application.
- DO NOT exceed a maximum of twelve (12) pounds of product per 1000 square feet per season from any thiophanate-methyl containing product.
- Do not apply application closer than fourteen (14) days from previous treatment.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a dry place. Store in locked area out of reach of children and domestic animals.

Pesticide Disposal: **Nonrefillable container.** Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt, long pants, and shoes with socks.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

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 a 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 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 further treatment advice.
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.

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 the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information. For spill or transportation emergencies call CHEMTREC 1-800-424-9300.

⚠ NOTICE: This product can expose you to chemicals including Thiophanate-methyl, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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