

EPA Reg. No. 1001-70

3336 G

12/02/98

1001-70

12-17-1998

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3336^G**TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE**

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

ACTIVE INGREDIENT

Thiophanate-methyl (dimethyl 4,4'-o-phenylenebis[3-thioallophanate])..... 2.08%

INERT INGREDIENTS 97.92%**TOTAL** 100.00%**Keep Out Of Reach Of Children****CAUTION****FIRST AID**

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Contact a physician or poison control center. Never give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

IF ON SKIN: Wash exposed areas with soap and water. Seek medical attention as needed.

IF INHALED: Remove victim to fresh air and check airway for blockage. If not breathing, give artificial respiration and seek additional medical help to restore breathing.

Cleary Chemical Corporation

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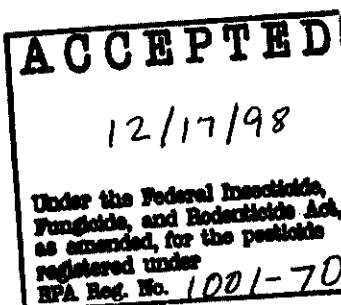
(732) 329-8399

(800) 524-1662

EPA Reg. No. 1001-70

EPA Est. No. 961-PA-1 or 32802-WI-1

Net Contents: 25 lb. and 50 lb. bags



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PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. May cause irritation of eyes, nose, throat, and skin. Avoid breathing dust and contact with eyes and skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard, 40 CFR Part 170, must wear long-sleeved shirt, long pants, and shoes with socks.

NON-WPS Uses: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard, 40 CFR Part 170, should wear appropriate clothing to reduce prolonged situations indicated in precautionary statements such as long-sleeved shirt, long pants, and shoes with socks.

USER SAFETY RECOMMENDATIONS: Wash hands 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. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 by disposal of equipment washwaters. Do not apply, allow to drift, drain, or flush equipment onto non-target areas.

STORAGE AND DISPOSAL

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

Storage: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and use in accordance with instruction below or dispose of in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal: Wastes resulting from the use of this product are toxic and may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Shake empty product container to remove all possible material. When bags are empty, they may be disposed of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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 other requirements specific to your State or Tribe, consult the agency responsible for pesticides.

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 statements and

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exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do Not enter or allow entry into treated areas during the restricted entry interval (REI) of 12 hours.

Personal Protective Equipment (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: coveralls, waterproof gloves, and shoes with socks.

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.

Turf and Landscape Uses: Do not enter or allow entry into treated areas until granules and dust have settled unless wearing personal protective equipment listed on this label.

GENERAL INFORMATION

3336 G is a broad spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of turf and ornamental disease problems. Apply 3336 G with ground based, hand operated or mechanical equipment sufficient to accurately deliver this product to the application site. Application equipment should be properly calibrated prior to use. Application equipment should be thoroughly cleaned after use. If a rate range is given, use the higher rate under conditions of severe disease pressure. Contact your local State Extension service for recommendations for applications schedules appropriate to your area. No claim of compatibility with other pesticides is implied.

Resistance Management: To avoid the development of tolerant strains of fungi, 3336 G should be used with fungicides of different modes of action. Clearly Chemical does not recommend the use of products containing benomyl, or thiabendazole in combination or rotation with 3336 G. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 G as recommended, and the treatment is not effective, a tolerant strain of fungi may be present. Consult your local Clearly Chemical representative, your State Agricultural Experiment Station, or your State Cooperative Extension Service for proper disease identification and advice on the prompt use of some other suitable fungicide or disease control strategy. As long as recommended precautions are followed, 3336 G can be remain useful for disease control.

TURF APPLICATIONS

For use on all fine turf applications such as commercial and residential lawns, parks, athletic fields, golf course greens, tees, and fairways, cemeteries, and sod farms of cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures. 3336 G is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 G is to be used for the prevention and control of the diseases mentioned below. 3336 G may be applied to dry or moist leaf/soil conditions and should be activated with irrigation or natural rainfall within 24 h for best results. If irrigated, application should be water in by applicator or by homeowner with 0.1-0.25 inches of water to begin activation of product for disease control. When treating golf greens, treatment of aprons and approaches is recommended. Use the highest recommended rate under conditions of severe disease pressure. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry. Do not exceed a maximum of three (3) pounds active ingredient per 1000 square feet per season from any thiophanate-methyl containing product.

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Disease(s) Controlled	Rate of 3336 G lb/1000 sq ft	Remarks
Anthracnose, basal <i>Colletotrichum</i> <i>graminicola</i>	6-12	For prevention in historic areas of disease pressure, apply twice at 14 day (d) intervals when soil temperature reaches 60°F. For curative control, apply when disease first appears and continue at 7-14 d intervals. Rotations with chlorothalonil or triadimefon can be utilized.
Anthracnose, foliar <i>Colletotrichum</i> <i>graminicola</i>	3-6	
Bermudagrass Decline <i>Gaeumannomyces</i> <i>graminis</i> var. <i>graminis</i> Take-All-Patch <i>Gaeumannomyces</i> <i>graminis</i> var. <i>avenae</i>	6-12	Apply in mid-July or when disease symptoms first appear and repeat at 7-14 d intervals for suppression. Use higher rates under most severe disease expression. Follow proper agronomic recommendations to maintain plant vigor.
Cool Season Brown Patch <i>Rhizoctonia cerealis</i> Necrotic Ring Spot <i>Leptosphaeria korrea</i> Spring Dead Spot <i>Leptosphaeria korrea</i>	6-12	For prevention, apply in Fall before turf has stopped all growth activity. Apply second application in early Spring when soil temperatures reach 55-60°F or when disease first appears. For curative action, apply when disease first appears in early Spring and continue at 7-14 d intervals.
Coprinus Snow Mold <i>Coprinus</i> <i>psychromorbidus</i>	6-12	Apply 2 treatments at 21 d intervals in late fall to early winter, with the last application made just prior to first permanent snow cover. Rotations with Defend™ can be utilized.
Dollar spot <i>Moellerodiscus</i> spp. <i>Lanzia</i> spp. Large Brown Patch <i>Rhizoctonia solani</i> Ascochyta Leaf Blight <i>Ascochyta</i> spp. Copper Spot <i>Gloeocercospora sorghi</i> Red Thread <i>Corticium fuctiforme</i> Fusarium Patch <i>Fusarium nivale</i> Zoysia Patch <i>Rhizoctonia solani</i>	1.5-6	For prevention, use lowest rate and apply application before expected period of disease development. Apply when disease first appears and continue at 7-14 d intervals. Rotations with chlorothalonil, iprodione, or Protect T/O™ can be utilized.
Fusarium Blight <i>Fusarium roseum</i> and <i>F.</i> <i>triticum</i>	6-12	Apply when disease first appears at 7-14 d intervals.
Gray Leaf Spot (Blast) <i>Pyricularia grisea</i>	6-12	Apply preventative application before expected period of disease development. Continue applications

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		at 7-14 d intervals as needed
Leaf Spot <i>Drechslera</i> spp. Leaf, crown, and root diseases <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>	6-12	Apply when disease first appears and make applications at 7-14 d intervals as needed. Rotations with chlorothalonil, iprodione, or Protect T/O are recommended under severe conditions.
Pink Snow Mold <i>Microdochium nivale</i>	3-6	Apply middle-late Fall to early Winter before turf has stopped all growth activity or in spring during periods of thaw, or when disease symptoms first appear. Continue at 14 d intervals throughout anticipated disease period. Best results are achieved when first application is made before turf is completely dormant
Stripe Smut <i>Ustilago striiformis</i>	6-12	Apply when disease first appears and make two applications at 7-14 d intervals. For prevention, apply in spring and fall.
Summer Patch <i>Magnaporthe poae</i>	6-12	For prevention, apply 3 applications starting late April or early May using 21 d intervals. Rotations may be used as part of the three application program. For suppression, apply at 7-14 d intervals when disease first appears.

HORTICULTURAL APPLICATIONS

Nursery, Greenhouse, Landscape & Interiorscape

Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, plus Deciduous and Evergreen Trees and Shrubs.

3336 G is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of commercially important plants. 3336 G may be used for disease control and prevention programs on annual and perennial flowers, bedding plants, foliage plants, ground covers, and deciduous and evergreen trees and shrubs found in Nursery, Greenhouse, Interiorscape, and Landscape sites. Follow guidelines provided under general information for use of this product.

Ground Application Instructions

3336 G may be used as a broadcast, fly-on, surface, over the top, and media incorporation application for the diseases listed below. For surface and broadcast applications to established plants apply at the rates below. 3336 G may be applied to dry or moist soil conditions and should be activated with irrigation or natural rainfall within 24 h for best results. If irrigated, application should be water in by applicator or by homeowner with 0.1-0.25 inches of water to begin activation. For media incorporation, mix at a rate of 2-3 lb/cu yd before seeding or transplanting of desired crop. Media incorporated with 3336 G may be stockpiled for later use without activation until needed. For ground applications, do not exceed 300 pounds active ingredient per acre per crop season from all thiophanate-methyl containing products.

Note: The "Directions For Use" of this product reflect the cumulative inputs from both historical field use and product testing programs. However, it is impossible to test this product on all species and cultivars. A preliminary trial is suggested on a small scale before a full treatment is applied to any plant type not shown on this label but found in a similar use site with a listed disease problem. Wait 5-7 days after treatment to evaluate

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results. This product is not recommended for use on Swedish Ivy (*Nephrolepis exaltata*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora guertneri*).

Diseases Controlled	Rate of 3336 G lb/1000 sq ft	Remarks
For control of soil borne diseases effecting Bulbs, Corms, Rhizomes, Roots, Crowns and Stems caused by: <i>Botrytis</i> , <i>Cylindrocladium</i> , <i>Fusarium</i> , <i>Gliocladium</i> , <i>Myrothecium</i> , <i>Penicillium</i> , <i>Ramularia</i> , <i>Rhizoctonia</i> , <i>Sclerotinia</i> , and <i>Thielaviopsis</i>	22-30	For preventative control, apply as media incorporation prior to planting or as broadcast, fly-on, surface, or over the top application after seeding or transplanting to propagation beds, containers, pots, or nursery or landscape beds. For curative control, apply after seeding or transplanting when disease first appears. Repeat every 21-28 d for adequate crop protection. Note: 3336 G does not control <i>Pythium</i> or <i>Phytophthora</i> . Rotations with metalaxyl, mefenoxam, etridiazole, or fosetyl-Al are required for the control of <i>Pythium</i> and <i>Phytophthora</i> .

LIMITED WARRANTY AND DISCLAIMER

CLEARY CHEMICAL CORPORATION warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. CLEARY CHEMICAL CORPORATION makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall CLEARY CHEMICAL or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product including, but not limited to, loss of profits, business reputation, or customers, labor costs, or other expenses incurred in planting or harvesting. CLEARY CHEMICAL and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of CLEARY CHEMICAL CORPORATION.

Effective: 12/98

Replaces: 11/95

WAC417210M