

This is a specimen label, intended for use only as a guide in providing general information regarding use of this product. As labels are subject to revision, always carefully read and follow the label on the product container.

# T-Methyl E-Pro Granular

*Fungicide*

T-Methyl E-Pro Granular Fungicide contains thiophanate-methyl, the active ingredient used in Cleary 3336™.

## Systemic Fungicide for Turf and Ornamentals

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%

OTHER INGREDIENTS: . . . . . 97.92%

TOTAL: . . . . . 100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

See inside label booklet for additional  
PRECAUTIONARY STATEMENTS

T-Methyl E-Pro Granular Fungicide is not  
manufactured or distributed by  
Cleary Chemical Corporation, seller of Cleary 3336™.

EPA Reg. No. 79676-18

EPA Est. No. 82757-OH-001

Cleary 3336™ is a trademark of  
Cleary Chemical Corporation.

Manufactured for:  
Etigra  
501 Cascade Pointe Lane, Suite 103  
Cary, NC 27513  
www.etigra.com

REV 0506 000000



## FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
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## 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 1-800-424-9300 for emergency medical treatment information.

## 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.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, and neoprene rubber  $\geq$  14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

### Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves are required for applicators using hand-held equipment

### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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

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.

## 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 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.

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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

## 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.

## COMMERCIAL APPLICATIONS

### GENERAL INFORMATION

T-Methyl E-Pro Granular Fungicide is a broad-spectrum fungicide for use on a wide variety of turf and ornamental diseases. T-Methyl E-Pro Granular Fungicide may be applied using ground based, hand-operated (push) or mechanical (power) equipment.

### USE PRECAUTIONS

- For use only by certified applicators or those under their immediate supervision. Not for use on turf being grown for sale or other commercial use as sod.
- Do not apply this product through any type of irrigation system.
- Do not use on turf being grown for sale or other commercial use as sod.
- Do not apply this product by hand or with hand-held rotary spreader (e.g., bellygrinder)
- 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.
- For application schedules appropriate to your area, contact your local State Extension Service for recommendations.

### RESISTANCE MANAGEMENT

In order to prevent the development of tolerant strains of fungi, T-Methyl E-Pro Granular Fungicide should only be used with other fungicides that use different modes of action. ET-GR A does NOT recommend using T-Methyl E-Pro Granular Fungicide 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. T-Methyl E-Pro Granular Fungicide can remain useful for disease control as long as recommended precautions are followed. A tolerant strain of fungi may be present if a T-Methyl E-Pro Granular Fungicide 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

Refer to the following table for the maximum treatment and seasonal application rates allowed based on the use site being applied to.

Use Site	Maximum Per-Treatment Application Rate	Maximum Per-Season Application Rate	Maximum Per-Season lbs. per 1000 sq. ft.	Minimum Retreatment Interval
Residential or Public Areas†	131 lbs./acre (3 lbs./1000 sq. ft.)	523 lbs.	12 lbs.	14-days
Golf Course Aprons, Greens and Tees	392 lbs./acre (9 lbs./1000 sq. ft.)	1048 lbs.	24 lbs.	
Golf Course Fairways (except Florida)	262 lbs./acre (6 lbs./1000 sq. ft.)	262 lbs.	6 lbs.	
Golf Course Fairways (Florida only)‡	131 lbs./acre (3 lbs./1000 sq. ft.)	131 lbs.	3 lbs.	

† Maximum of four (4) applications per year.

‡ Maximum of one (1) application per year.

### COMMERCIAL TURF APPLICATIONS

T-Methyl E-Pro Granular Fungicide may be used on all cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures in the following sites:

- Commercial turf
- Residential turf
- Public turf [parks, athletic fields, schools, day care centers, etc.]
- Golf courses [greens, tees, fairways and aprons]

When used in accordance with the instructions in this label, T-Methyl E-Pro Granular Fungicide 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.
- Treating aprons when treating golf greens is recommended.

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 recommended rate listed below

Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq. ft.)
<b>Dollar Spot</b> <i>Moellerodiscus, Lanzia, Sclerotinia</i> <b>Large Brown Patch</b> <i>Rhizoctonia solani</i> <b>Ascochyta Leaf Blight</b> <i>Ascochyta spp.</i> <b>Copper Spot</b> <i>Gloeocercospora sorghi</i> <b>Red Thread</b> <i>Laetisaria fuciformis</i> <b>Fusarium Patch</b> <i>Fusarium nivale</i> <b>Zoysia Patch</b> <i>Rhizoctonia solani</i>	For Prevention: Apply prior to the expected development of the disease using the lowest rate listed. For Treatment: Apply when disease first appears and repeat applications every 14 days. NOTE: May be rotated with chlorothalonil, iprodione, or mancozeb.	1.5-6
<b>Pink Snow Mold</b> <i>Microdochium 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.	3-6
<b>Anthracnose, foliar</b> <i>Colletotrichum graminicola</i> <b>Anthracnose, basal</b> <i>Colletotrichum graminicola</i>	For Prevention: Once soil temperature reaches 60°F, make two applications at 14-day intervals. For Treatment: Apply at first sign of disease and continue applications at 14-day intervals NOTE: May be rotated with chlorothalonil or triadimefon.	3-6 6-9
<b>Bermudagrass Decline</b> <i>Gaeumannomyces graminis var. graminis</i> <b>Take-All-Patch</b> <i>Gaeumannomyces graminis var. aavenae</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 recommendations to maintain plant vigor.	6-9
<b>Cool Season Brown Patch</b> <i>Rhizoctonia cerealis</i> <b>Necrotic Ring Spot</b> <i>Leptosphaeria korrea</i> <b>Spring Dead Spot</b> <i>Leptosphaeria korrea</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. For Treatment: Apply in early Spring when disease first appears and repeat applications every 14-days.	
<b>Coprinus Snow Mold</b> <i>Coprinus psychromorbidus</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. NOTE: May be rotated with PCNB.	
<b>Fusarium Blight</b> <i>Fusarium roseum and F. triticum</i>	Apply when disease first appears. Make repeat applications at 14-day intervals.	
<b>Gray Leaf Spot (Blast)</b> <i>Pyricularia grisea</i>	Make a preventative application prior to the expected onset of disease development. Continue applications at 14-day intervals as needed.	

Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq.-ft.)
<b>Leaf Spot</b> <i>Drechslera spp.</i> <b>Leaf, Crown, and Root Diseases</b> <i>Bipolaris, Curvularia, and Exserohilum</i>	Apply when disease first appears and make applications at 14-day intervals as needed. NOTE: For severe cases, rotations with chlorothalonil, iprodione, or mancozeb are recommended.	6-9
<b>Stripe Smut</b> <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.	
<b>Summer Patch</b> <i>Magnaporthe poae</i>	For Prevention: Using a 21-day re-application interval, make three applications starting in late April or early May. For Treatment: Apply at 14-day intervals when disease first appears. Rotations may be used as part of the three-application program.	
<b>Bentgrass Dead Spot</b> <i>Ophiophaerella agrostis</i>	Apply in early June or when recommended by your local Agricultural Extension Service. Reapply at 14-day intervals as needed. For season-long disease prevention, rotations and/or tank mix combinations may be used.	

**COMMERCIAL HORTICULTURAL APPLICATIONS**

T-Methyl E-Pro Granular Fungicide is a broad spectrum systemic fungicide for control of soil borne diseases effecting bulbs, corms, rhizomes, roots, crowns, and stems caused by:

- *Botrytis*
- *Gliocladium*
- *Ramularia*
- *Thielaviopsis*
- *Cylindrocladium*
- *Myrothecium*
- *Rhizoctonia*
- *Fusarium*
- *Penicillium*
- *Sclerotinia*

T-Methyl E-Pro Granular Fungicide may be used 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.

When using this product for commercial horticultural applications, be sure to follow the guidelines in the General Information Section above.

NOTE: Because T-Methyl E-Pro Granular Fungicide does not control *Pythium* or *Phytophthora*, rotating with mefenoxam, etridiazole, propamocarb. mono and dipotassium salts of phosphorous acid or fosetyl-Al is required to control *Pythium* and *Phytophthora*.

**USE PRECAUTIONS**

- This product is not recommended for use on Swedish Ivy (*Neprolepis exaltal*, Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertnen*).
- Do not apply to home orchards / fruit trees after fruit set.
- Do not use fruit or nuts from treated ornamentals for food or feed.
- For ground and drench applications, do not exceed 300 pounds active ingredient from ALL thiophanate-methyl containing products per acre per crop season
- 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.

**Application Instructions**

T-Methyl E-Pro Granular Fungicide 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 6 lbs. of T-Methyl E-Pro Granular Fungicide / 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 yards before seeding or transplanting of desired crop.
- If not activated by the application of moisture, media incorporated with T-Methyl E-Pro Granular Fungicide 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, pots, or nursery or landscape beds, apply as a broadcast, fly-on, surface or over the top application using the Surface and Broadcast Applications instructions above.

For Treatment:

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

### STORAGE AND DISPOSAL

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

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Etigra or Seller. To the extent allowed by Law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Etigra and Seller harmless for any claims relating to such factors.

Etigra 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 referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or Etigra. and Buyer and User assume the risk of any such use. ETIGRA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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