

228-631

4/23/2010

10/18



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Nathan P. Ehresman  
Registration Manager  
Nufarm Americas Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

APR 23 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Mr. Ehresman:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 dated April 7, 2010 for:

**EPA Registration 228-631**

**Nufarm T-Methyl SPC GC Fungicide**

The Registration Division (RD) has conducted a review of the request(s) for applicability under 2007-4 and finds that the label changes requested fall within the scope of 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

2018

Please read instructions on reverse before completing form.

Form Approved, UMB No. 2070-0060, Approval expires 05-31-98

 <b>EPA</b> United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> <b>Registration</b> <input type="checkbox"/> <b>Amendment</b> <input checked="" type="checkbox"/> <b>Other: NOTIF</b>	OPP Identifier Number
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**Application for Pesticide – Section I**

1. Company/Product Number  <p style="text-align: center;"><b>228-631</b></p>	2. EPA Product Manager  <p style="text-align: center;"><b>Mary Waller</b></p>	3. Proposed Classification  <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Nufarm USA, Inc./</b> <b>Nufarm T-Methyl SPC GC Fungicide</b>	PM#  <p style="text-align: center;"><b>21</b></p>	
5. Name and Address of Applicant (Include ZIP Code) <b>Nufarm Americas, Inc</b> <b>150 Harvester Drive, Suite 200</b> <b>Burr Ridge, IL 60527</b>  <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(1), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name: _____	

**Section – II**

<input type="checkbox"/> Amendment – Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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**NOTIFICATION**  
**APR 23 2010**

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**LABELING NOTIFICATION: See Attached**

**Section – III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Package wgt.    No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
* <b>Certification must be submitted</b>		3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container  <p style="text-align: center;">15, 25, 50 lbs</p>
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product  <input checked="" type="checkbox"/> Other: <u>Printed Bag</u>	

**Section – IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Nathan P. Ehresman</b>	Title <b>Product Registration Manager</b>	Telephone No. (include Area Code) <b>919-655-0018</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Product Registration Manager</b>	(Stamp area)
4. Typed Name <b>Nathan P. Ehresman</b>	4. Date <b>April 7, 2010</b>	





4018

**NUFARM AMERICAS, INC.**  
501 Cascade Pointe Lane, Suite 103  
Cary, NC 27513  
Phone: 919-655-0018 ■ Fax: 919-342-5176

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April 07, 2010

Ms. Mary Waller (PM 21)  
Document Processing Desk [NOTIF]  
Office of Pesticide Programs  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Subject: **228-631**  
**Nufarm T-Methly SPC GC Fungicide**  
**Notification of Label Change - PRN 2007-4 (container disposal)**

Dear Ms. Waller:

Nufarm Americas, Inc. is submitting the enclosed labeling notification to update the container disposal language as per PR-NOTICE 2007-4.

In support of this action, please find enclosed:

- Application for Pesticide Registration (8570-1)
- 2 copies of the label containing the revised wording (1 copy highlighted).
- 1 CD containing an electronic copy of the proposed label with revised wording.

Please contact me at 919-655-0018 (or [nathan.ehresman@us.nufarm.com](mailto:nathan.ehresman@us.nufarm.com)) if you have any questions regarding this submission.

Kind regards,

Nathan P. Ehresman  
Product Registration Manager  
Nufarm Americas, Inc.

cc: [illegible]

50918

# Nufarm T-Methyl SPC GC Fungicide

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.

**NOTIFICATION**

APR 23 2010

**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/PRECAUCION

See inside label booklet for additional FIRST AID and PRECAUTIONARY STATEMENTS

**EPA Reg. No. 228-631**

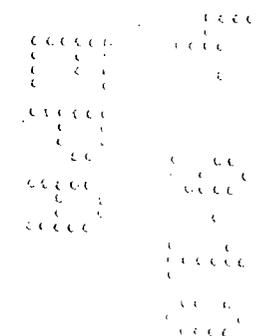
Manufactured for  
Nufarm Americas Inc.  
150 Harvester Drive  
Burr Ridge, IL 60527

**EPA Est. No.**

Nufarm T-Methyl SPC GC  
Fungicide contains thiophanate-  
methyl, the active ingredient  
used in Cleary 3336™

Net Weight: \_\_\_\_\_ Gal. (\_\_\_L)

000228-00631.20100225.PRN2007-4



60918

# [COMMERCIAL USE LABEL LANGUAGE]

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION/PRECAUCION

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 exist, 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.

### 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 1-877-325-1840 for emergency medical treatment information.

### 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 wash water.

### 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 REQUIREMENT**

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**

This product is a broad-spectrum fungicide for use on a wide variety of turf and ornamental diseases. Apply this product 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 instructions

**RESISTANCE MANAGEMENT**

In order to prevent the development of tolerant strains of fungi, use this product with other fungicides that use different modes of action. Do not use 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 the specified precautions are followed. A tolerant strain of fungi is most likely present if a treatment of this product 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 <sup>†</sup>	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) <sup>‡</sup>	131 lbs./acre (3 lbs./1000 sq. ft.)	131 lbs.	3 lbs.	

<sup>†</sup> Maximum of four (4) applications per year.

<sup>‡</sup> Maximum of one (1) application per year.

**COMMERCIAL TURF APPLICATIONS**

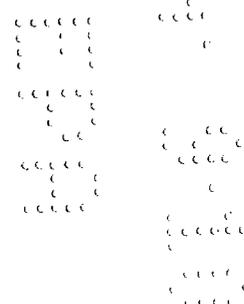
Use this product on all cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures in the following sites:

- 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, this product is not phytotoxic to any of the above-mentioned grasses.

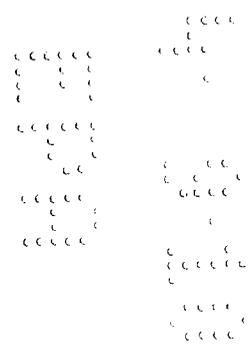
**Application Instructions**

- 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.
- Treat aprons when treating golf greens.



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.

Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq. ft.)
<p><b>Dollar Spot</b> <i>Moellerodiscus, Lanzia, Sclerotinia</i></p> <p><b>Large Brown Patch</b> <i>Rhizoctonia solani</i></p> <p><b>Ascochyta Leaf Blight</b> <i>Ascochyta spp.</i></p> <p><b>Copper Spot</b> <i>Gloeocercospora sorghi</i></p> <p><b>Red Thread</b> <i>Laetisaria fuciformis</i></p> <p><b>Fusarium Patch</b> <i>Fusarium nivale</i></p> <p><b>Zoyzia Patch</b> <i>Rhizoctonia solani</i></p>	<p>For Prevention: Apply prior to the expected development of the disease using the lowest rate listed.</p> <p>For Treatment: Apply when disease first appears and repeat applications every 14-days.</p> <p>NOTE: Rotate with chlorothalonil, iprodione, or mancozeb.</p>	<p>1.5-6</p>
<p><b>Pink Snow Mold</b> <i>Microdochium nivale</i></p>	<p>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.</p> <p>Throughout the expected disease period, continue making applications at 14-day intervals.</p> <p>For best results, make the first application before the turf is completely dormant.</p>	<p>3-6</p>
<p><b>Anthracnose, foliar</b> <i>Colletotrichum graminicola</i></p> <p><b>Anthracnose, basal</b> <i>Colletotrichum graminicola</i></p>	<p>For Prevention: Once soil temperature reaches 60°F, make two applications at 14-day intervals.</p> <p>For Treatment: Apply at first sign of disease and continue applications at 14-day intervals.</p> <p>NOTE: Rotate with chlorothalonil or triadimefon.</p>	<p>3-6 6-9</p>



Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq. ft.)
<b>Bermudagrass Decline</b> <i>Gaeumannomyces graminis</i> var. <i>graminis</i> <b>Take-All-Patch</b> <i>Gaeumannomyces graminis</i> var. <i>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 instructions 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: Rotate with PCNB.	
<b>Fusarium Blight</b> <i>Fusarium roseum</i> and <i>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.	
<b>Leaf Spot</b> <i>Drechslera</i> spp. <b>Leaf, Crown, and Root Diseases</b> <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>	Apply when disease first appears and make applications at 14-day intervals as needed. NOTE: For severe cases, use rotations with chlorothalonil, iprodione, or mancozeb.	
<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 reapplication interval, make three applications starting in late April or early May. For Treatment: Apply at 14-day intervals when disease first appears. Use rotations as part of the three-application program.	

Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq. ft.)
<b>Bentgrass Dead Spot</b> <i>Ophiosphaerellia agrostis</i>	Apply in early June or when instructed by your local Agricultural Extension Service. Reapply at 14-day intervals as needed. For season- long disease prevention, use rotations and/or tank mix combinations.	6-9

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

Use this product 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 this product does not control *Phthium* or *Phytophthora*, rotating with mefenoxam, etridiazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-AI is required to control *Phthium* and *Phytophthora*.

**USE PRECAUTIONS**

- Do not use this product on Swedish Ivy (*Nephrolepis exhalta*), Boston Fern (*Plectransthus australis*), and Easter Cactus (*Hatiora gaertnren*).
- 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, test in a preliminary trial on a small scale 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**

Apply this product 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 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 yards before seeding or transplanting of desired crop.
- If not activated by the application of moisture, stockpile media incorporated with this product 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 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:** 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:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available, or place empty container in trash.

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

**LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE,

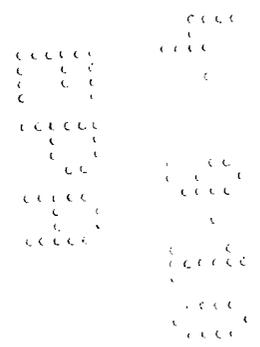
APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV022510N)

Nufarm T-Methyl SPC GC Fungicide is not manufactured or distributed by Cleary Chemical Corporation, seller of Cleary 3336™.

Cleary 3336™ is a trademark of Cleary Chemical Corporation.



# [HOMEOWNER USE LABEL LANGUAGE]

## ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

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## DIRECTIONS FOR USE

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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 any person or pet, either directly or through drift.

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.

Applicators and other handlers who handle this product should wear long-sleeved shirt, long pants, and shoes with socks.

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## HOMEOWNER TURF AND ORNAMENTAL APPLICATIONS

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### GENERAL INFORMATION

This product is a broad-spectrum fungicide for use on a wide variety of turf diseases. Apply this product using ground based, hand-operated (push) or mechanical (power) equipment. If a rate range is given, use the higher rate under conditions of severe disease pressure. Contact your State Extension service for instructions on application schedules appropriate to your area.

### USE PRECAUTIONS

- Do not apply this product through any type of irrigation system.
- 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.
- Do not apply this product by hand or with hand-held rotary spreader (e.g., bellygrinder)
- Thoroughly clean all application equipment after each use.
- Do not use on turf being grown for sale or other commercial use as sod.
- Do not use fruit or nuts from treated ornamentals for food or feed.
- Do not apply to home orchards/fruit trees.

### RESISTANCE MANAGEMENT

In order to prevent the development of tolerant strains of fungi, use this product with other fungicides that use different modes of action. Do not use 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 the specified precautions are followed. A tolerant strain of fungi is likely present if a treatment of this product 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.

**HOMEOWNER TURF APPLICATIONS**

Use this product 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.

Disease(s)	Disease Specific Instructions	Application Rate (Lbs./1000 sq. ft.)
<p><b>Dollar Spot</b> <i>Moellerodiscus, Lanzia, Sclerotinia</i></p> <p><b>Large Brown Patch</b> <i>Rhizoctonia solani</i></p> <p><b>Ascochyta Leaf Blight</b> <i>Ascochyta spp.</i></p> <p><b>Copper Spot</b> <i>Gloeocercospora sorghi</i></p> <p><b>Red Thread</b> <i>Laetisaria fuciformis</i></p> <p><b>Fusarium Patch</b> <i>Fusarium nivale</i></p> <p><b>Zoyzia Patch</b> <i>Rhizoctonia solani</i></p>	<p>For Prevention: Apply prior to the expected development of the disease using the lowest rate listed.</p> <p>For Treatment: Apply when disease first appears and repeat applications every 14-days.</p> <p>NOTE: May be rotated with chlorothalonil, iprodione, or mancozeb .</p>	<p>1.5-3</p>
<p><b>Pink Snow Mold</b> <i>Microdochium nivale</i></p>	<p>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.</p> <p>Throughout the expected disease period, continue making applications at 14-day intervals.</p> <p>For best results, make the first application before the turf is completely dormant.</p>	
<p><b>Anthracnose, foliar</b> <i>Colletotrichum graminicola</i></p> <p><b>Anthracnose, basal</b> <i>Colletotrichum graminicola</i></p>	<p>For Prevention: Once soil temperature reaches 60°F, make two applications at 14-day intervals.</p> <p>For Treatment: Apply at first sign of disease and continue applications at 14-day intervals.</p> <p>NOTE: Rotate with chlorothalonil or triadimefon.</p>	<p>1.5-3</p>

<p><b>Bermudagrass Decline</b> <i>Gaeumannomyces graminis</i> var. <i>graminis</i></p> <p><b>Take-All-Patch</b> <i>Gaeumannomyces graminis</i> var. <i>aavenae</i></p>	<p>Apply in mid-July or when disease symptoms first appear and repeat at 14-day intervals for suppression.</p> <p>Use higher rates under most severe disease expression.</p> <p>Follow proper agronomic instructions to maintain plant vigor.</p>	
<p><b>Cool Season Brown Patch</b> <i>Rhizoctonia cerealis</i></p> <p><b>Necrotic Ring Spot</b> <i>Leptosphaeria korrea</i></p> <p><b>Spring Dead Spot</b> <i>Leptosphaeria korrea</i></p>	<p>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.</p> <p>For Treatment: Apply in early Spring when disease first appears and repeat applications every 14-days.</p>	
<p><b>Coprinus Snow Mold</b> <i>Coprinus psychromorbidus</i></p>	<p>Make two treatments at 21-day intervals in late fall to early winter.</p> <p>Make the last application just prior to first permanent snow cover.</p> <p>NOTE: Rotate with PCNB.</p>	
<p><b>Fusarium Blight</b> <i>Fusarium roseum</i> and <i>F. triticum</i></p>	<p>Apply when disease first appears.</p> <p>Make repeat applications at 14-day intervals.</p>	1.5-3
<p><b>Gray Leaf Spot (Blast)</b> <i>Pyricularia grisea</i></p>	<p>Make a preventative application prior to the expected onset of disease development.</p> <p>Continue applications at 14-day intervals as needed.</p>	
<p><b>Leaf Spot</b> <i>Drechslera</i> spp.</p> <p><b>Leaf, Crown, and Root Diseases</b> <i>Bipolaris</i>, <i>Curvularia</i>, and <i>Exserohilum</i></p>	<p>Apply when disease first appears and make applications at 14-day intervals as needed.</p> <p>NOTE: For severe cases, rotate with chlorothalonil, iprodione, or mancozeb.</p>	
<p><b>Stripe Smut</b> <i>Ustilago striiformis</i></p>	<p>For Prevention: Apply in spring and fall.</p> <p>For Treatment: Make two applications, the first when the disease first appears and the second 14-days later.</p>	
<p><b>Summer Patch</b> <i>Magnaporthe poae</i></p>	<p>For Prevention: Using a 21-day reapplication interval, make three applications starting in late April or early May.</p> <p>For Treatment: Apply at 14-day intervals when disease first appears.</p> <p>Use rotations as part of the three-application program.</p>	

**HOMEOWNER HORTICULTURAL APPLICATIONS**

Do not apply to home orchards/fruit trees.

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

Use this product 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 above.

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

**USE PRECAUTIONS**

- Do not use this product on Swedish Ivy (*Nephrolepis exhalta*), Boston Fern (*Plectransthus australis*), and Easter Cactus (*Hatiora gaertner*).
- 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, test in a preliminary trial on a small scale with a full treatment to any plant type not shown on this label. When conducting the trial, wait 5-7 days after treatment to evaluate results.

**Application Instructions**

Apply this product 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:

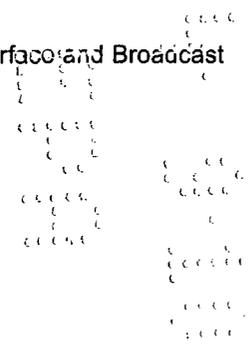
- Mix at a rate of 2-3 lb/cubic yards before seeding or transplanting of desired crop.
- If not activated by the application of moisture, stockpile media incorporated with this product until needed for later use.

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**

**PESTICIDE 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.

**PESTICIDE DISPOSAL:**

**If empty:** Non-refillable container. **DO NOT** refill or reuse this container. Place empty container 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.

**WARRANTY DISCLAIMER**

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