

Nufarm
T-Methyl SPC Granular Fungicide
 Systemic Fungicide for Turf and Ornamentals

Nufarm T-Methyl SPC Granular Fungicide

Systemic Fungicide for Turf and Ornamentals

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

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 / PRECAUCIÓN
 Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand the label, find someone to explain it to you in detail.)
 See Back Panel for FIRST AID and additional PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-631

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



Nufarm
T-Methyl SPC Granular Fungicide
 Systemic Fungicide for Turf and Ornamentals

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION/PRECAUCIÓN

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 chemically resistant to this product are laminated, butyl rubber > 14 mils, nitrile rubber > 14 mils, and neoprene rubber > 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

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 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

IF IN EYES: Hold eye open and raise slowly and gently with water for 15 to 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.

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 to areas where surface water is present. Do not contaminate 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 applicators 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 application of agricultural pesticides 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 instructions for protective equipment to be worn by the applicator, handler, or other person who may be exposed while working with the pesticide. 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 a waterproof material,
- Chemical-resistant footwear plus socks,
- Nitrile gloves for the application by wearing 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.

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 (powered) 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 seed.
- Do not apply this product by hand or with hand-held sprayer (e.g., backpack).
- Do not use on turf being grown for sale or other commercial use as seed.
- Do not feed clipping 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 triadimenol. Triadimenol 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 ¹ | 131 lbs./acre (0 lbs./1000 sq. ft.) | 525 lbs. | 12 lbs. | 14-days |
| Golf Course Aprons, Greens and Tees | 392 lbs./acre (0 lbs./1000 sq. ft.) | 1048 lbs. | 24 lbs. | |
| Golf Course Fairways (except Florida) | 262 lbs./acre (0 lbs./1000 sq. ft.) | 262 lbs. | 6 lbs. | |
| Golf Course Fairways (Florida only) ² | 131 lbs./acre (0 lbs./1000 sq. ft.) | 131 lbs. | 3 lbs. | |

¹Maximum of four (4) applications per year.
²Maximum 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, Zoysagrass, 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-leaf conditions.
- For best results, activate the application within 24 hours with irrigation or natural rainfall. If activating by irrigation, apply 0.10 to 0.25 inches of water.
- Treat aprons when treating golf greens.

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/encapsulate 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, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, UNLIMITED 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 REINDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUITS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING 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, BUYERS 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 the 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.

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

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.) |
|---|--|--------------------------------------|
| Dollar Spot <i>Motileculidius, Lanola, Solenotria</i> | | 1.5 to 6 |
| Large Brown Patch <i>Rhizoctonia solani</i> | | |
| Ascochyta Leaf Blight <i>Ascochyta spp.</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. | |
| Copper Spot <i>Gaeumannomyces graminis var. graminis</i> | | |
| Rust Threat <i>Laelaspis fulviformis</i> | | |
| Fusarium Patch <i>Fusarium nivale</i> | | |
| Zygom Patch <i>Rhizoctonia solani</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. | |
| Pink Snow Mold <i>Microdochium nivale</i> | | |
| Anthraxnose, foliar <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. | |
| Anthraxnose, basal <i>Colletotrichum graminicola</i> | NOTE: Rotate with chlorothalonil or triadimenol. | |
| Bermudagrass Decline <i>Gaeumannomyces graminis var. graminis</i> | Apply in mid-July or when disease symptoms first appear and repeat at 14-day intervals or suppression. Use higher rates under most severe disease expression. Follow proper agronomic instructions to maintain plant vigor. | 3 to 6 |
| Take-All Patch <i>Gaeumannomyces graminis var. avenae</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 to 60°F, whichever occurs first. | |
| Herbicide Ring Spot <i>Leptosphaeria korrae</i> | For Treatment: Apply in early Spring when disease first appears and repeat applications every 14-days. | |
| Spring Dead Spot <i>Leptosphaeria korrae</i> | Make two treatments at 21-day intervals in late fall to early winter. | |
| Copper Rust <i>Coprinus snow mold</i> | Make the last application just prior to first permanent snow cover. NOTE: Rotate with PCNB. | |
| Fusarium Blight <i>Fusarium nivale</i> and <i>F. stivium</i> | Apply when disease first appears. Make repeat applications at 14-day intervals. | |
| Gray Leaf Spot (Blatt) <i>Pyricularia grisea</i> | Make a preventative application prior to the expected onset of disease development. Continue applications at 14-day intervals as needed. | |
| Leaf Spot <i>Drechslera spp.</i> | Apply when disease first appears and make applications at 14-day intervals as needed. | |
| Leaf, Crown, and Root Diseases <i>Botrytis, Curvularia, and Exserohium</i> | NOTE: For severe cases, use rotations with chlorothalonil, iprodione, or mancozeb. | |
| 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. | 6 to 9 |
| 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. Use rotations as part of the three-application program. | |
| Bentgrass Dead Spot <i>Ophiopogon sp.</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. | |

COMMERCIAL HORTICULTURAL APPLICATIONS

This product is a broad spectrum systemic fungicide for control of soil borne diseases affecting bulbs, corms, rhizomes, roots, crowns, and stems caused by:

- Botrytis
- Gylotrichium
- Ramularia
- Rhizoctonia
- Thielaviopsis

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 Pythium or Phytophthora, rotating with metalaxyl, etridiazole, propamocarb, mancozeb 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 (*Nepholopsis exaltata*), Boston Fern (*Pterisstris australis*), and Easter Cactus (*Fallopia garmannii*).
- Do not apply to home contacts / fruit trees after fruit set.
- Do not use fruit or nuts from treated ornamentals for food or feed.
- For ground and trench applications, do not exceed 3000 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 to 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 0.10 lb. 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 to 0.25 inches of water.

Media Incorporation:

- Mix at a rate of 0.10 to 0.20 lbs./cu. yard 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 to 28 days.

(R942318)