



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

91234-18

Date of Issuance:

9/30/16

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A201.1 T-Methyl 2.08

Name and Address of Registrant (include ZIP Code):

Atticus LLC
1204 Village Market Pl. #273
Morrisville, NC 27560

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Shaja Joyner, Product Manager 20
Fungicide Herbicide Branch
Registration Division (7505P)

Date:

9/30/16

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 91234-18.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 5/15/2015

If you have any questions, please contact Nathan Mellor by phone at 703-347-8562, or via email at mellor.nathan@epa.gov

A201.1 T-Methyl 2.08% 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.

ACTIVE INGREDIENT: Thiophanate-Methyl (Dimethyl [(1,2-phenylene)bis (iminocarbonothioyl)]bis[Carbamate])*	2.08%
OTHER INGREDIENTS	<u>97.92%</u>
TOTAL:	100.0%

*Also known as Dimethyl 4,4'-o-phenylebis-[3-thioallophanate]

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside label booklet for additional FIRST AID and PRECAUTIONARY STATEMENTS

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye Call a poison control center or doctor for treatment advice
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call 1-844-685-9173. FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.	

EPA Reg. No. 91234-xxx

EPA Est. No.

NET CONTENTS:

Manufactured For:
 Atticus, LLC
 1204 Village Market Place, #273
 Morrisville, NC 27560

A201.1 T-Methyl 2.08 Fungicide contains thiophanate-methyl, the active ingredient used in Cleary 3336™

[Sub label A]

[COMMERCIAL USE LABEL LANGUAGE]

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

Harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco, or using the toilet. Avoid contact with eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks
- Protective eyewear

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.

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.

Physical-Chemical Hazards

Do not mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and

restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI).

The REI is 12 hours except as listed in the application rate tables below.

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:

1. Coveralls over long sleeved shirt and long pants
2. Chemical-resistant gloves made of any waterproof material
3. 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

PRODUCT INFORMATION

This product is a broad-spectrum fungicide for a use on wide variety of turf and ornamental diseases. Apply this product using ground based, hand operated (push) or mechanical (power) equipment.

USE RESTRICTIONS

- 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-Year Application Rate	Maximum Per-Year lbs. per 1000 sq. ft.	Minimum Retreatment Interval
Residential or Public Areas*	131 lbs./acre (3 lbs. /1000 sq. ft.)	523 lbs. (max 10.88 lbs ai/acre/year)	12 lbs.	14-days
Golf Course Aprons, Greens and Tees	392 lbs./acre (9 lbs. /1000 sq. ft.)	1048 lbs. (max 21.8 lbs ai/acre/year)	24 lbs.	
Golf Course Fairways (except Florida)	262 lbs./acre (6 lbs. /1000 sq. ft.)	262 lbs. (max 5.45 lbs ai/acre/year)	6 lbs7	
Golf Course Fairways (Florida only)**	131 lbs./acre (3 lbs. /1000 sq. ft.)	131 lbs. (max 2.72 lbs ai/acre/year)	3 lbs.	

*Maximum of four (4) applications per year.

**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.)
Dollar Spot <i>Moellerodiscus, Lanzia, Sclerotinia</i> Large Brown Patch <i>Rhizoctonia solani</i> Ascochyta Leaf Blight <i>Ascochyta spp.</i> Copper Spot <i>Gloeocercospora sorghi</i> Red Thread <i>Laetisaria fuciformis</i> Fusarium Patch <i>Fusarium nivale</i> Zoysia Patch <i>Rhizoctonia solani</i>	<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>	1.5-6
Pink Snow Mold <i>Microdochium nivale</i>	<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 1 making applications at 14-day intervals.</p> <p>For best results, make the first application before the turf is completely</p>	3-6

	dormant.	
Anthracnose, foliar <i>Colletotrichum graminicola</i>	For Prevention: Once soil temperature reaches 60°F, make two applications at 14-day intervals.	3-6
Anthracnose, basal <i>Colletotrichum graminicola</i>	For Treatment: Apply at first sign of disease and continue applications at 14-day intervals. NOTE: Rotate with chlorothalonil or triadimefon.	6-9
Bermudagrass Decline <i>Gaeumannomyces graminis var. graminis</i> Take-All-Patch <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 instructions 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>	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.	
Coprinus Snow Mold <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	
Fusarium Blight <i>Fusarium roseum and F. triticum</i>	Apply when disease first appears. Make repeat applications at 14-day intervals.	6-9
Gray Leaf Spot (Blast) <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> Leaf, Crown, and Root Diseases <i>Bipolaris, Curvularia, and 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.	
Stripe Smut <i>Ustilago striiformis</i>	For Prevention: Apply in spring and fall. For Treatment: Make two applications, the first when the disease first appears and the second 14-days later.	
Summer Patch <i>Magnaporthe poae</i>	For Prevention: Using a 21-day reapplication interval, make three applications starting in late April or early May. For Treatment: Apply at 14-day intervals when disease first appears. Use rotations as part of the threeapplication program.	
Bentgrass Dead Spot <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.	

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 *Pythium* and *Phytophthora*.

USE RESTRICTIONS

- Do not use this product on Swedish Ivy (*Nephrolepis exhalta*), and Easter Cactus (*Hatiora gaertneri*).
- 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 year.
- 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 HANDLING: 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 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, 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.

A201.1 T-Methyl 2.08 is not manufactured or distributed by Cleary Chemical Corporation, seller of Cleary 3336™.

Cleary 3336™ is a trademark of Cleary Chemical Corporation.

[Sub Label B:]

[HOMEOWNER USE LABEL LANGUAGE]

ENVIRONMENTAL HAZARDS

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

Physical-Chemical Hazards

Do not mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.

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 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 wear long-sleeved shirt, long pants, and shoes with socks.

HOMEOWNER TURF AND ORNAMENTAL APPLICATIONS

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 RESTRICTIONS

- 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.
- Do not use this product on Swedish Ivy (*Nephrolepis exhalta*), and Easter Cactus (*Hatiora gaertneri*).
- 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.

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 (max 0.0624 lbs AI/1000 sq ft.)
- DO NOT exceed a maximum of twelve (12) pounds of product per 1000 square feet per year from any thiophanate-methyl containing product. (max 10.88 lbs ai/acre/year or 0.25 lbs AI/1000 sq ft)
- 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>Dollar Spot <i>Moellerodiscus, Lanzia, Sclerotinia</i></p> <p>Large Brown Patch <i>Rhizoctonia solani</i></p> <p>Ascochyta Leaf Blight <i>Ascochyta spp.</i></p> <p>Copper Spot <i>Gloeocercospora sorghi</i></p> <p>Red Thread <i>Laetisaria fuciformis</i></p> <p>Fusarium Patch <i>Fusarium nivale</i></p> <p>Zoyzia Patch <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>	1.5-3
<p>Pink Snow Mold <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 continue¹ making applications at 14-day intervals.</p> <p>For best results, make the first application before the turf is completely dormant.</p>	
<p>Anthracnose, foliar <i>Colletotrichum graminicola</i></p> <p>Anthracnose, basal <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>Bermudagrass Decline <i>Gaeumannomyces graminis var. graminis</i></p> <p>Take-All-Patch <i>Gaeumannomyces graminis var. 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</p>	

	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>	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.	1.5-3
Coprinus Snow Mold <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	
Fusarium Blight <i>Fusarium roseum and F. triticum</i>	Apply when disease first appears. Make repeat applications at 14-day intervals.	
Gray Leaf Spot (Blast) <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> Leaf, Crown, and Root Diseases <i>Bipolaris, Curvularia, and 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.	
Stripe Smut <i>Ustilago striiformis</i>	For Prevention: Apply in spring and fall. For Treatment: Make two applications, the first when the disease first appears and the second 14-days later.	
Summer Patch <i>Magnaporthe poae</i>	For Prevention: Using a 21-day reapplication interval, make three applications starting in late April or early May. For Treatment: Apply at 14-day intervals when disease first appears. Use rotations as part of the threeapplication program.	1.5-3

HOMEOWNER HORTICULTURAL APPLICATIONS

RESTRICTION:

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 mfenoxam, etridiazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-AI is required to control Phthium and Phytophthora.

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

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Atticus, LLC (“Atticus”), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Atticus 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 described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Atticus, and is subject to the inherent risks described above.

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