



THIOMYL

Turf and Ornamental Systemic Fungicide

For the prevention and control of fine turf diseases and diseases of Annual and Perennial Flowers, plus Deciduous and Evergreen Trees and Shrubs.

ACTIVE INGREDIENTS

Dimethyl 4,4-O-phenylenebis-(3-thioallophanate)	50%
INERT INGREDIENTS	50%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water, induce vomiting by touching the back of the throat, contact a physician or poison control center. **IF INHALED:** Remove to fresh air. **IF ON SKIN:** Wash exposed areas with soap and water, seek medical attention as needed. **IF IN EYES:** Flush eyes with water, contact a physician for irritation as needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through the skin. May cause irritation of eyes, nose, throat, and skin. Avoid breathing dust and contact with eyes and skin. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS USES (Nursery and Greenhouse Uses): Applicators and other handlers must wear long-sleeved shirt, long pants, and shoes with socks. NON-WPS USES (Turf and Ornamental Uses): Applicators and other handlers should wear long-sleeved shirt, long pants, and shoes with socks.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, where surface water is present, or to intertidal areas below the mean high water mark. Application equipment should be thoroughly cleaned after use. Do not contaminate water when disposing of equipment washwater. Do not apply, allow to drift, or drain, or flush equipment onto non-target areas.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry area in original unopened container. Store in a secured area unavailable to unauthorized persons.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: When all packets are used, dispose of empty foil package in a sanitary landfill or by incineration or as allowed by State and local authorities by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

AGRICULTURAL USE REQUIREMENTS (Greenhouse & Nursery uses only)

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). The requirements in this box apply only 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) 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; Waterproof gloves; and Shoes plus socks.

GENERAL INFORMATION

Apply Thiomyl with ground or aerial equipment, using sufficient volume of spray to provide thorough coverage. Add required amount of THIOMYL to a partially filled tank, agitate by mechanical or hydraulic means and then add remaining required amount of water. Continuous agitation is required to keep the material in suspension. Do not tank mix with copper-containing materials or with highly alkaline pesticides such as Bordeaux mixture of lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher rates under conditions of severe disease pressure. Also see local State Extension Services recommendations for application schedules. IMPORTANT, if after using THIOMYL as recommended a treatment is not effective, a tolerant strain of fungi may be present. Consult your local representative or your State Agricultural Extension Service for advice on the prompt use of some other suitable fungicide. NOTICE: Read and understand the entire label.

LIMITED WARRANTY AND DISCLAIMER

Southern Agricultural Insecticide, Inc. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. Southern Agricultural Insecticide, Inc. MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY. IN NO CASE SHALL Southern Agricultural Insecticide, Inc. OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, BUSINESS REPUTATION OR CUSTOMERS, LABOR COSTS OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING. Southern Agricultural Insecticide, Inc. and seller offer this product and the buyer and user accept is subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of Southern Agricultural Insecticide, Inc.

Southern Agricultural Insecticides, Inc.

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TURF

For use on all fine turf applications such as commercial an home lawns, athletic fields, cemeteries, parks, golf course greens, tees, and fairways of Bentgrasses, Bluegrasses, Bermudagrasses, Fescues, Ryegrasses, St. Augustine grasses or their mixtures. Thiomyl is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. Thiomyl is to be used for the prevention and control of the below mentioned diseases (provided both curative and protective action).

Use spray mixture the same day it is prepared. Spray uniformly over the area to be treated with a properly calibrated power sprayer. Apply after mowing or avoid mowing twelve hours after application.

Apply recommended amounts in sufficient water to obtain through coverage, (three to five gallons suggested) per 1,000 square feet. When treating golf greens, always treat aprons and approaches. Use the highest recommended rate under conditions of severe disease pressure.

<u>DISEASE(S) CONTROLLED</u>	<u>RATE</u>	<u>REMARKS</u>
Anthrachnose (Colletotricum graminicola) Dollar Spot (Mollerodiscus spp., Lanzia spp.) Copper Spot (Gloeocerospora sorghi) Large Brown Patch (Rhizoctoria solani) Red Thread (Corticum fuciforme)	2 oz.	Apply when disease first appears. Continue at 7-14 day intervals as needed.
Pink Snow Mold (Fusarium nivale)	2 oz.	Apply first application middle-late November and continue at 10-14 day intervals throughout the season. May be used in combination with Cleary's spotrete and PCNE products at reduce rates.
Summer Patch (Magnaportha poae)	4-8 ozs.	For prevention, apply 3 applications beginning early May 21 day intervals. Water Material into root zone after application. For suppression, apply two applications at 10-14 day intervals beginning when disease first appears.
Fusarium Blight (Fusarium roseum and triticum) Necrotic Ring Spot (Leptosphaeria Korrea)	4-8 ozs.	Apply two applications at 10-14 day interval beginning when disease first appears.
Stripe Smut (Ustillego striliformis)	4-8 ozs.	Make two applications at 7-14 day intervals when disease first appears. Water material into root zone after application. For prevention, apply in spring and fall.
Leaf Spot (Dreschlara spp.)	4-8 ozs.	Make two applications at 7 -14 day intervals when disease first appears. Water material into root zone after application. May be used in combination with SA-50 Dithane M-45 at lower rates.

HORTICULTURAL USES (such as NURSERY, GREENHOUSE AND LANDSCAPE)

ANNUAL AND PERENNIAL FLOWERS, GROUND COVERS, PLUS DECIDUOUS AND EVERGREEN TREES AND SHRUBS.

Begin applications when disease first appears, or during suspected periods of disease incidence. Apply additional applications every 7-10 days or as otherwise instructed for the prevention or control of the listed diseases. Use of a wetting agent is recommended for plants that have leaves that are difficult to wet properly. Use of a spreader-sticker is recommended to enhance product performance in wet weather conditions.

Thiomyl may be used to control listed diseases on "backyard" (non-commercial) fruit trees such as almond, apple, apricot, cherry, nectarine, peach, pecan, plum, and prune trees. Do not apply within 1 day (24 hours) of harvest.

<u>DISEASES(S) CONTROLLED - FOLIAR</u>	<u>RATE/100 GAL</u>	<u>REMARKS</u>
Ovulinia Blight of Azalea and Rhododendron	8 ozs.	Apply as flowers open. Repeat every 7-10 days as needed during disease period.
Powdery Mildew	8 ozs.	Apply midsummer or at first sign of disease.
Anthrachnose	12- 16 ozs.	Apply as buds break. Repeat every 7-10 days as needed during disease period. Do not exceed four applications per season.
Ascochta Leaf Blight	12- 16 ozs.	Repeat every 7-10 days as needed during disease period.
Black Spot of Rose	12- 16 ozs.	Apply midsummer or at first sign of disease.
Botrytia Flower Blight Comyespora Leafspot Curvularia Leaf Blight	12-16 ozs.	Apply midsummer or at first sign of disease.
Rust of Crabapple		12- 16 ozs. Repeat every 10-14 days as needed during disease periods.
Leaf Scabs of Crabapple, Pyracantha, Hawthorn, Pear, and Mountain Ash (Fusicadium and Venturia spp.)	12- 16 ozs.	Apply mid-spring or at first sign of disease.
Tip Blight of Pine 12- 16 ozs. essential for (Sphaeropsis sapines, Diplodia piaea)		Apply along with a compatible spreader/sticker at recommended rates to entire tree. Thorough coverage is optimal disease control. Begin application in spring when new growth starts. Make a second application just before needles emerge from the sheath and a third application 10 days later.
Twig Blights of Juniper disease (Phomopsis and Kabatina spp.)	24 oz.	For Phomopsis, apply in spring. For Kabatina, apply late summer. Repeat every 7-10 days as needed during period.

<u>DISEASE(S) CONTROLLED - DRENCH</u>	<u>RATE/100 GAL</u>	<u>REMARKS</u>
Stem Rots, Crown Rots, and Root Rots (Botrytis, Fusarium, Gliocladium, Myrothecium, Ramularia, Rhizoctonia, and Scierotinia spp.) Black Root Rot (Thielaviopsis spp.) Cylindrocladium Rot	12-16 ozs.	Apply after transplanting to propagation bed, container, or pot at a rate to thoroughly soak the growing media (usually 1-3 pints per square foot depending on the media type and depth). Repeat every 21-28 days to provide adequate crop protection.

<u>DISEASE(S) CONTROLLED- BULB TREATMENT</u>	<u>RATE/ 100 GAL.</u>	<u>REMARKS</u>
Bulb, Corm, and Rhizome Rots (Fusarium and Penicillium spp.) Note: Thiomyl does not control Pythium spp. or Phytophthora spp.	12-16 ozs.	Soak immediately after digging for 30 minutes in warm dip (80-85 degrees F). Dry well before storing.