

## The Scotts Company

# FUNGO® FLO

## LIQUID FLOWABLE SYSTEMIC TURF AND ORNAMENTAL FUNGICIDE

### ACTIVE INGREDIENT:

Thiophanate-methyl (dimethyl [(1,2-phenylene)-bis (iminocarbonothioyl)] bis [carbamate])\*

46.2%

INERT INGREDIENTS: 53.8%

TOTAL 100.0%

\*Also known as dimethyl 4,4'-o-phenylenebis {3-thioallophanate}

4.5 Pounds per Gallon Flowable

EPA Reg. No. 4581-352-58185

EPA Est. No. 1812-GA-3

## KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.

**IF IN EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**IF ON SKIN:** Immediately flush skin with plenty of water.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

**HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION.**

Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance selection chart.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves, such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, Viton  $\geq$  14 mils; and
- Shoes plus socks.
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G).

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

### USER SAFETY RECOMMENDATIONS

Users should:

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

**THIS PESTICIDE IS TOXIC TO FISH.** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water by disposing of equipment washwaters.

### DIRECTIONS FOR USE

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

#### Shake well before using.

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) 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;
- chemical-resistant gloves, such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, Viton  $\geq$  14 mils; and
- shoes plus socks.

### GENERAL INFORMATION

Apply FUNGO FLO with ground or aerial equipment, using sufficient volume of spray to provide thorough coverage. Add required amount of FUNGO FLO to partially filled tank agitated 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 highly alkaline pesticides, such as Bordeaux mixture or 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 Service recommendations for application schedules.

**IMPORTANT:** If after using FUNGO FLO as recommended, treatment is not effective, a tolerant strain of fungi may be present. Consult your local Scotts-Sierra representative or distributor, your State Agricultural Experiment Station or your State Agricultural Extension Service for advice on the prompt use of some other suitable fungicide.

### TURF

For use on golf course greens, tees, and fairways of Bentgrasses, Bluegrasses, Bermudagrasses, Fescues, Ryegrasses, St. Augustinegrasses or their mixtures. FUNGO FLO is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. FUNGO FLO is to be used for the prevention and control of the below mentioned diseases (provides 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 for twelve hours after application.

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

**FUSARIUM BLIGHT (*Fusarium roseum*), SUMMER PATCH (*Magnaporthe poae*), NECROTIC RING SPOT (*Leptosphaeria korrae*)**—Apply FUNGO FLO at 5 to 10 fluid ounces per 1,000 square feet. Water into root zone by irrigation with one inch of water immediately after application. Make two applications at 10-14 day intervals, beginning applications when the disease first appears.

**DOLLAR SPOT (*Sclerotinia homoeocarpa*), ANTHRACNOSE (*Colletotrichum graminicola*)**—Apply FUNGO FLO at 1 to 2 fluid ounces per 1,000 square feet beginning when the disease first appears. Spray should dry on leaf surfaces with no "watering in." Continue at 10-14 day intervals through the season or as needed.

**LARGE BROWN PATCH (*Rhizoctonia solani*), COPPER SPOT (*Gloeocercospora sorghi*), RED THREAD (*Corticium fuciforme*), FUSARIUM PATCH (*Fusarium nivale*)**—Apply FUNGO FLO at 1 to 2 fluid ounces per 1,000 square feet beginning when the disease first appears and continue at 10-14 day intervals through the season or as needed. Spray should dry on leaf surfaces with no "watering in." When conditions are unusually favorable for development of disease, reduce interval to 5 to 7 days.

**STRIPE SMUT (*Ustilago striiformis*)**—Apply FUNGO FLO at 5 to 10 fluid ounces per 1,000 square feet. Water into root zone by irrigating with one inch of water immediately after application. Make two applications at 14-21 day intervals. Begin applications when the disease first appears, either in the spring or fall.

**NOTE TO USER:** Do not apply to areas likely to be grazed by livestock and do not feed clippings to livestock or poultry.

### ORNAMENTALS (FIELD AND GREENHOUSE)

**CHEMIGATION:** Refer to supplemental labeling entitled Chemigation Information for use directions for chemigation. Do not apply this product through any type of irrigation system unless the supplemental labeling on chemigation is followed. For use on this product through a chemigation system that is connected to a public water system, be sure the pesticide label-prescribed safety devices for public water systems are in place.

To request a copy of Chemigation Information, please call 1-800-492-8255.

**FOLIAR SPRAY—PLANT TYPES AND DISEASES CONTROLLED****DISEASE(S) CONTROLLED**

Anthraxnose  
 Ascochyta Blight  
 Black Spot  
 Botrytis (Gray Mold)  
 Cercospora Leaf Spot  
 Corynespora Leaf Spot  
 Didymellina Leaf Spot  
 Diplodea Tip Blight  
 (Diplodea piea)  
 Ovulinia  
 Entomosporium Leaf Spot  
 Phomopsis Blight  
 Powdery Mildew

Ramularia Leaf Spot  
 Scab

Septoria Leaf Spots

**PLANT TYPES**

woody ornamentals, shade trees (1)  
 herbaceous ornamentals  
 roses  
 woody and herbaceous ornamentals  
 woody and herbaceous ornamentals  
 ligustrum  
 iris  
 shade and ornamental trees  
 azalea, rhododendron (2)  
 woody and herbaceous ornamentals  
 woody and herbaceous ornamentals  
 woody and herbaceous ornamentals,  
 ornamental nut and fruit trees  
 herbaceous ornamentals  
 pyracantha, flowering crab, ornamental fruit  
 and nut trees  
 woody and herbaceous ornamentals

**KEY TO NOTES:**

- 1) Begin at bud break and make 2 or 3 additional application at 10 to 14 day intervals.
- 2) Begin treatment as flowers open.

Addition of a surfactant to the spray mixture improves distribution of the spray on hard-to-wet plants such as roses.

**I. FOLIAR SPRAY—HYDRAULIC APPLICATION**

**Mixing Instructions:** Add required amount of FUNGO FLO to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension and apply with properly calibrated spray equipment. Apply until leaves glisten, but not to point or runoff.

**Application Rates and Timing for Disease Control:** Begin application when disease first appears and repeat at 10 to 14 day intervals during the growing season. Shorten the interval during humid, rainy weather.

**Ground Application—**Use 20 fluid ounces of FUNGO FLO per 100 gallons of water. For control of Powdery Mildew and Botrytis (Gray Mold), use 10 fluid ounces of FUNGO FLO per 100 gallons of water, or 1 teaspoonful per 2 gallons of water.

**Aerial Application—**Use 10-20 fluid ounces of FUNGO FLO per acre.

**II. DRENCH—PLANT TYPES AND DISEASES CONTROLLED****DISEASE(S) CONTROLLED**

Botrytis, Fusarium, Rhizoctonia,  
 Sclerotinia stem, crown and root  
 rots  
 Cylindrocladium rot, Thielaviopsis  
 rot

**PLANT TYPES**

Herbaceous annuals, perennials and bedding  
 plants  
 Woody ornamentals (such as azaleas,  
 rhododendrons, conifers, poinsettias)

**NOTE:** FUNGO FLO does not control *Pythium* spp. or *Phytophthora* spp.

**Mixing Instructions:** Add required amount of FUNGO FLO to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension.

**Application Rates and Timing for Disease Control:** Use 20 fluid ounces of FUNGO FLO per 100 gallons of water. Apply as a drench or heavy spray to 800 sq. ft. of bench area (1 to 2 pints per square foot) after transplanting into propagation beds or containers. Repeat at 2 to 4 week intervals during periods favorable for disease.

**PREPLANT DIP TREATMENT—PLANT TYPES AND DISEASE CONTROLLED:****DISEASE(S) CONTROLLED**

All diseases listed under drench  
 treatment  
 Fusarium and Penicillium rots

**PLANT TYPES**

plants or cuttings of woody and herbaceous  
 ornamentals  
 bulbs (Easter Lily, Tulip, Gladiolus,  
 Daffodil, Iris)

**Application Rates and Timing for Disease Control:**

**Note to user:** Operator should wear protective gloves for application.

**Plants or cuttings—**Use 20 fluid ounces of FUNGO FLO per 100 gallons of water. Immerse plants or cuttings for 10 to 15 minutes; remove and allow to drain. Wear rubber gloves.

**Bulbs—**Use 33 fluid ounces of FUNGO FLO per 100 gallons of water, or 2 teaspoonfuls of FUNGO FLO per gallon of water. Soak cleaned bulbs for 15 to 30 minutes in warm dip (80 to 85°F) preferably within 48 hours of digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat-cured.

**STORAGE AND DISPOSAL**

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

**STORAGE INSTRUCTIONS:** Store in the original container in a dry 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, absorb with sand

or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

**PESTICIDE DISPOSAL INSTRUCTIONS:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL INSTRUCTIONS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**IMPORTANT NOTICE:****DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its use on turf and ornamentals as described on the label. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise his judgment and caution when using this product on a given variety until familiar with the results under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of either The Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company.

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