



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

OFFICE OF  
PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Vincent Snyder, Jr.  
Senior Technical Associate  
The O.M. Scott & Sons Company  
14111 Scottslawn Road  
Marysville, Ohio 43041

Dear Mr. Snyder:

JUL 31 1991

Subject: Revised Labelings  
ProTurf FF II  
EPA Reg. No. 538-108  
ProTurf Systemic Fungicide  
EPA Reg. No. 538-88  
Your Submission Dated June 21, 1991

The labelings referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable subject to the comments listed below:

- 1) For ProTurf FF II, EPA Reg. No. 538-108, under Environmental Hazards, change the second sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark." Change the last sentence to "Do not contaminate water when disposing of equipment washwaters."
- 2) For ProTurf Systemic Fungicide, EPA Reg. No. 538-88, under Environmental Hazards, change the second sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Stamped copies of the labels are enclosed for your records. Five copies of the finished labels must be submitted prior to releasing the product for shipment.

Sincerely yours,

Handwritten signature of Susan T. Lewis in cursive.

Susan T. Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosures

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SYSTEMIC FUNGICIDE #8539  
(F-7498) (Corncob Formulation)  
02/18/88 JF      02/19/88 JF  
02/25/88 JF      06/23/88 SC  
05/07/91 SC

FRONT:

Systemic  
Fungicide

8539

(NOTE: The description above will be inverted.)

(Scotts(R))  
ProTurf(R)  
BRAND

(Scotts(R))  
ProGrow(R)  
BRAND

Systemic  
Fungicide

. provides systemic disease prevention  
and control

Net Weight 29 3/4 lbs (13.49 kg)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

LEFT COLUMN

JUL 31 1991

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
PRECAUTIONARY STATEMENTS

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.  
538-88

Hazards to Humans and Domestic Animals: CAUTION, causes eye irritation. Do not get in eyes, on skin or on clothing. In case of contact immediately wash eyes or skin with plenty of water. Get medical attention if irritation persists. Harmful if swallowed or absorbed through skin. Avoid inhalation.

Environmental Hazards: This pesticide is toxic to catfish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated areas may be hazardous to catfish in adjacent areas. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spills.

RIGHT COLUMN

ACTIVE INGREDIENT

Thiophanate-methyl, Dimethyl 4,4'-o-phenylenebis  
(3-thioallophanate)

2.36%

INERT INGREDIENTS

97.70%

Total 100.00%

EPA Reg No 538-88  
Product of USA

EPA Est 538-OH-1

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Marysville, Ohio 43041  
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Recommended for Use By Professional Turfgrass or Nursery Managers

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RIGHT GUSSET

8539

(Scotts(R))  
ProTurf(R)  
BRAND

Systemic  
Fungicide

(Scotts(R))  
ProGrow(R)  
BRAND

LEFT GUSSET

Scotts(R)  
ProTurf(R)  
BRAND

Systemic  
Fungicide

8539  
(Printing Calendar)

(Scotts(R))  
ProGrow(R)  
BRAND

(Scotts(R))  
ProTurf(R)  
BRAND

Systemic  
Fungicide

5/7  
(Scotts (R))  
ProGrow(R)  
BRAND

Directions for use

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LEFT COLUMN

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Keep children and pets off treated areas until material has been washed off the foliage and the area is completely dry. Do not feed clippings from treated turf to livestock and poultry. Do not contaminate feed or foodstuffs.

Prevents or arrests the turfgrass diseases brown patch, dollar spot and copper spot. In Washington, Oregon and California only, prevents or arrests pink snow mold/Fusarium patch.

Provides control of Fusarium and Rhizoctonia crown and root rots on the following ornamentals.

Aucuba japonica  
Adromeda  
Arborvitae  
Azaleas  
Ceanothus  
Ilex

Pinus thumbergii  
Savin juniper  
Tam juniper  
Shore juniper  
Pittosporum  
Rhododendron

Not a control for leaf spot or gray snow mold on turf.

Not a season long (all winter) control of pink snow mold unless applied on a 2 to 3 week application program.

Not a control for Pythium or Phytophthora on ornamentals.

TURF

For prevention of dollar spot\*, copper spot and brown patch, apply to dry or moist foliage at the NORMAL RATE when disease activity is noted or suspected and repeat at 2 to 3 week intervals. Brown patch control may require more frequent treatments under conditions especially favorable to disease activity.

To avoid product pickup, lightly irrigate treated areas soon after application.

\*If dollar spot control is not effective following the use of this product as recommended, a thiophanate-methyl or benomyl tolerant strain of fungus may be present. Consult your ProTurf Tech Rep as consideration should be given to prompt use of other suitable ProTurf fungicides.

- 6/1

## RIGHT COLUMN

For prevention of pink snow mold, apply at the NORMAL RATE to dry foliage when disease activity is anticipated. Repeat at 2 to 3 week interval.

For suppression of pink snow mold in area where snow cover occurs, apply to dry foliage at the DOUBLE RATE prior to the first snow. Repeat in mid-winter when turf is free of snow and again immediately after the final snow melts in the spring.

### Ornamentals

Mix with soil or apply to surface as a broadcast treatment after transplanting into containers. For surface applications broadcast product at the rate of 4-8 lbs. per 100 sq. ft. Repeat at 2 to 4 week intervals during periods favorable for disease development.

Mix with potting media at the rate of 2 to 3 lbs./cu. yd. This product can be mixed and applied at the same time as ProTurf/ProGrow Pythium Control.

### Precautions

Allow one week between application of this product and other turf control products except where severe insect or disease attack requires immediate treatment.

When used as a soil surface broadcast application for ornamentals or when incorporating in soil mixes, wear goggles and a dust mask. When handling treated soil in transplanting ornamentals, impermeable gloves should be worn.

### Storage and disposal

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

ProTurf Division  
The O M Scott & Sons Company  
Marysville, Ohio 43041

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**Suggested Spreader Settings for Turf**  
to provide proper distribution calibrate spreader before application

29 3/4 lbs treats 22,000 ft<sup>2</sup> (1/2 acre) at the **NORMAL RATE**  
29 3/4 lbs treats 11,000 ft<sup>2</sup> (1/4 acre) at the **DOUBLE RATE**

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>SPREADER SETTING</u>	
			<u>NORMAL RATE</u>	<u>DOUBLE RATE</u>
Scotts Drop Type Scotts Rotaries	3 mph	overlap wheels	4 3/4	6
R-7, R-7X	3 mph	8 feet	C	F
R-8 (cone 8)	3 mph	9 feet	J	L
Lely Models (see below)	4.5 mph	16 feet	3 1/2 III	4 1/2 III

Lely Models WTR, WFR, HR and 1250. PTO at 450 rpm.  
Metric coverage: 13.49 kg treats 2044 m<sup>2</sup> at the **NORMAL RATE** and 1022 m<sup>2</sup> at the **DOUBLE RATE**.

For Ornamentals:

Rate settings must be determined by applicator depending upon spreader devices used.

To deliver proper rate, calibrate spreader prior to application of product.

**IMPORTANT NOTICE: LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its use on ornamentals listed on the label. However, it is understood that tests have not been carried out on all varieties or cultivars and under all growing conditions on those plants listed on the label. The user should always follow the label directions and exercise his judgement and caution when using the 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 TO BE 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 The O M Scott & Sons Company or any other Seller, for any and all losses, injuries or damages resulting from the use of this product shall be the purchase price paid by the Buyer for the quantity of this product involved. The Buyer and 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 O M Scott & Sons Company.

(NOTE: The description below will be inverted.)

8539

Systemic  
Fungicide

09390/7-12