

Reg # 538-183

PM-21

1912

United States Environmental Protection Agency
Washington, D.C. 20460

OCT 22 1993

Office of
Prevention, Pesticides and
Toxic Substances

Vincent Snyder, Jr.
O.M. SCOTT & SONS CO
14111 SCOTTSLAWN RD
MARYSVILLE OH 43041

Subject: Label Amendment Submission of 06/21/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 538-183
PROTURF FLUID FUNGICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

29, 12

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

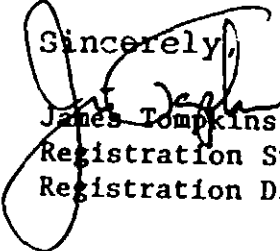
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

3912
✓

O.M. SCOTT & SONS CO
PROTURF FLUID FUNGICIDE
538-183 06/21/93
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

FRONT

PROTURF FLUID FUNGICIDE 83386

4912

07/16/84 RF	12/17/89 MJB
08/01/84 RF	03/25/86 JF
08/06/84 RF	07/28/86 JF
	06/22/93 VS/cr

ACCEPTED
with COMMENTS
In EPA Letter Dated
OCT 22 1993

(Scotts(R))
ProTurf(R)
BRAND

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

83386

Fluid Fungicide

prevents and controls turf diseases on tees, greens, fairways and similar turf areas

Net Contents 1/2 gallon (1.89 liters)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION: Causes eye irritation. Do not get in eyes. If in eyes, flush with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed.

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 category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves [such as Barrier Laminate, Butyl rubber, Nitrile rubber, Neoprene rubber, poly(vinyl)chloride, or Viton], and shoes plus socks.

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:

- o Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- o Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- o 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 product is toxic to catfish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to catfish in adjacent areas. Do not contaminate water when disposing of equipment washwaters.

BACK:

5712

ACTIVE INGREDIENT:

Thiophanate-Methyl, Dimethyl [(1,2-phenylene) bis (iminocarbonothioyl)] bis [carbamate]	19.65%
Iprodione, 3,(3,5-Dichlorophenyl)-N-(1-methyleethyl)- 2,4-dicxo-1-imidazolidinecarboxamide.	19.65%
INERT INGREDIENTS:	<u>60.70%</u>
Total	100.00%

EPA Reg No 538-183

EPA Est No 37429-GA-1

Product of U.S.A.

Sold by: ProTurf Division, The O M Scott & Sons Company
 14111 Scottslawn Road
 Marysville, Ohio 43041

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Recommended For Use By Professional Turfgrass Managers

83386

Directions for use

Read entire label and use on as directed

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) 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, Nitrile rubber, Neoprene rubber, poly vinyl chloride, or Viton], and shoes plus socks.

Prevents and controls the following diseases on turf where they occur:

leaf spot/melting out	(<u>Helminthosporium spp./Drechslera spp.</u>)
dollar spot	including benzimidazole tolerant strains
brown patch	
pink snow mold	(Washington, Oregon, California only)
anthracnose	(on <u>Poa annua</u>)

Mixing Instructions

Shake product container well before pouring into spray tank.

Mix ProTurf Fluid Fungicide into the spray tank during filling, while maintaining agitation.

Use with 4-7 gallons of water per 1,000 sq. ft. for tees and greens. Water requirement can be reduced to 2 gallons per 1,000 sq. ft. for larger turf areas.

Thoroughly rinse container and pour remaining contents into spray tank.

Do not combine ProTurf Fluid Fungicide in the spray tank with surfactants or other adjuvants.

Application directions

Apply with standard pressurized spray equipment.

To Prevent Disease - Treat turf at the NORMAL RATE when weather conditions are favorable for the development of disease. Repeat on a 10-14 day schedule.

To Control Mild Disease Infestations - Use the MEDIUM RATE and repeat on a 10-14 day schedule until the disease is brought under control, then treat at the NORMAL or MEDIUM RATE on a preventive schedule.

To Control Moderate to Severe Disease Infestations - Use at the HEAVY RATE and repeat on a 7-10 day schedule until the disease is brought under control, then treat at the NORMAL or MEDIUM RATE on a preventive schedule.

Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Coverage Chart For The Three Recommended Rates of
ProTurf Fluid Fungicide

Rate (oz./M)	1 Pint (16 fl. oz.) Will Cover	1 Quart (32 fl. oz.) Will Cover	2 Quarts (64 fl. oz.) Will Cover
Normal (1.1 fl. oz./M)	15,000 ft. ²	30,000 ft. ²	60,000 ft. ²
Medium (1.6 fl. oz./M)	10,000 ft. ²	20,000 ft. ²	40,000 ft. ²
Heavy (2.1 fl. oz./M)	7,500 ft. ²	15,000 ft. ²	30,000 ft. ²

Use with 4 to 7 gallons of water per 1,000 ft.² for tees and greens. Water requirement can be reduced to 2 gallons per 1,000 ft.² for fairways or larger turf areas.

Limitations: Not a control for Pythium, stripe smut, spring dead spot, gray snow mold or Fusarium blight.

Note to User

Do not allow spray mixture to stand in the tank for longer than 12 hours.

Spray mixture should be agitated continuously during application.

Use a properly calibrated sprayer.

For best results, do not water or mow treated areas within 24 hours of application.

Except in cases of severe infestations, allow one week between the application of this and other control products.

SUPPLEMENTAL LABEL

(Scotts(R))
ProGrow (R)

Fluid Fungicide

83386

- prevents and controls diseases on field and greenhouse-grown ornamentals plants

Net Contents 64 fl. oz. (1.89 liters)

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION: Causes eye irritation. Do not get in eyes. If in eyes, flush with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed.

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 category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves [such as Barrier Laminate, Butyl rubber, Nitrile rubber, Neoprene rubber, poly vinyl chloride, or Viton], and shoes plus socks.

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:

- o Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- o Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- o 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 product is toxic to catfish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to catfish in adjacent areas. Do not contaminate water when disposing of equipment washwaters.

BACK:

9912
D

ACTIVE INGREDIENT:

Thiophanate-Methyl, Dimethyl [(1,2-phenylene) bis (iminocarbonothioyl)] bis [carbamate]	19.65%
Iprodione, 3, (3,5-Dichlorophenyl)-N-(1-methyleethyl)- 2,4-dioxo-1-imidazolidinecarboxamide.	19.65%
INERT INGREDIENTS:	<u>60.70%</u>
Total	100.00%

EPA Reg No 538-183

EPA Est No 37429-GA-1

Product of U.S.A.

Sold by: ProTurf Division/ProGrow Division, The O M Scott & Sons Company
Marysville, Ohio 43041

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For Use By Turf and Nursery Professionals

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ORNAMENTAL APPLICATION

Controls the following diseases on ornamentals:

Foliar

Aerial web blight
Alternaria leaf blight
Ascochyta blight
Botrytis blight
Botrytis gray mold
Fusarium leaf spot
Helminthosporium leaf spot

Ink spot
Phomopsis blight
Powdery mildew
Ray blight
Rhizoctonia blight
Scab

Drench (after transplants)

Alternaria leaf blight
Botrytis blight
Fusarium stem rot
Fusarium crown rot

Fusarium root rot
Ink spot
Rhizoctonia root rot

For use on:

Ageratum	Dizygotheca	Peperomia
Ajuga	Dogwood	Periwinkle
Almond-Ornamental	Dracena	Philodendron
Alyssum	English Ivy	Phlox
Andromeda	Episcia	Pilea
Aphelandra	Euonymus	Pine
Artemisia	Ficus	Pittosporum
Aster	Forsythia	Plum-Ornamental
Azalea	Gazanea	Poinsettia**
Boxwood	Geranium	Poppy
Cactus	Gladiolus	Pothos*
Calendula	Gloxinia	Primrose
Carnation	Gypsophila	Privet
Cherry-Ornamental	Hawthorn	Protea
Chrysanthemum	Holly	Pyracantha
Cineraria	Hoya	Rhododendron
Coleous	Hydrangea	Rose
Columbine	Impatiens*	Rose tree of China
Coral Bells (Heuchera)	juniper	Iris
Crape Myrtle	Kalanchoe	Shcefflera
Crassula	Lipstick Vine	Snapdragon
Croton	(Aeschynanthus)	Spathiphyllum
Cyclamen**	Marigold	Statice
Delphinium	Monarda (Bee Palm)	Tree ivy
Deutzia	Pachysandra	Viburnum
Dianthus	Palm	Violet
DiefeenBachia	Pansy	Zinnie
	Peach-Ornamental	

*Do not use ProTurf/ProGrow Fluid Fungicide as a drench on impatiens or pothos.

** Caution should be taken when treating these plants in bloom.

ORNAMENTAL APPLICATION

Foliar spray: Apply sufficient spray to foliar runoff, when conditions are favorable for disease development. Mix ratio is 17-34 fl oz of ProTurf/ProGrow Fluid Fungicide in 100 gal of water. Repeat at 10-14 days.

Drench: Mix 17-34 fl oz of ProTurf/ProGrow Fluid Fungicide in 100 gal of water and apply at 1-2 pints per square foot after transplanting plants into propagation beds or containers. Repeat at 2-4 week intervals during conditions favorable for disease development.

PRECAUTIONS:

Do not apply in greenhouses when temperatures are in excess of 95°F.

Do not allow spray mixture to stand in the tank for longer than 12 hours.

Spray mixture should be agitated continuously during application.

Use a properly calibrated sprayer.

For best results, do not water or mow treated areas within 24 hours of application.

Except in cases of severe infestation, allow one week between applications of this and other control products. (This guideline can be relaxed where a severe insect or disease attack requires immediate treatment).

STORAGE: Store in a cool, clean, dry place. Do not store at temperatures exceeding 120°F nor at temperatures below 32°F.

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

CONTAINER DISPOSAL: 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. Do not reuse empty container.

ProTurf/ProGrow Division
The O. M. Scott & Sons Company
1411 Scottslawn Road
Marysville, Ohio 43041

IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its uses as described on the label. However, the user should understand that tests have not been carried out under all possible uses conditions, and that Scotts cannot and does not warrant that the product is compatible with all other chemical. User should conduct its own compatibility testing, and should test its mixes and equipment thoroughly before using the product on customer's property. ACCORDINGLY, SCOTTS MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH THESE DIRECTIONS AND THE DIRECTIONS ON THE LABEL. The exclusive remedy of the user and Buyer, and limit of liability of The O M Scott & Sons Company, or any other seller, for any and all losses, damages, and injuries 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 an officer of The O M Scott & Sons Company.

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