

Reg # 538-185

PM-21

File

179

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

Office of  
Prevention, Pesticides and  
Toxic Substances

NOV 1 1993

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. 538-185  
PROTURF PYTHIUM CONTROL

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)

299  
Office of Pesticide Programs (H-7504C)  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460-0001

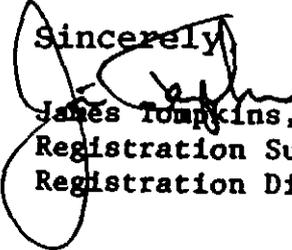
Hand or courier deliveries of final labels may be made to:

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)

FRONT:

ProTurf Pythium Control

399

06/19/87 JF  
06/14/88 CR  
11/28/88 VS

11/02/87 JF  
10/18/88 VS  
05/11/93 VS/cr  
06/14/93 VS/cr

(Scotts(R))  
ProTurf(R)  
BRAND

(Scotts(R))  
ProTurf(R)  
BRAND

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Pythium Control

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Net Weight 28.25 lbs (12.81 kg)

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION, causes eye irritation. Avoid contact with eyes, skin or clothing. If in eyes, flush with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not feed clippings to livestock.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, dust/mist filtering respirator (MSHA/NIOSH, approval number prefix TC-21) is required.

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 personal protection equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 1 1993

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

538-185



RIGHT GUSSET

85605

(Scotts(R))  
ProTurf(R)  
BRAND

Pythium  
Control

(Scotts(R))  
ProGrow(R)  
BRAND

LEFT GUSSET

(Scotts(R))  
ProTurf(R)  
BRAND

Pythium  
Control

(Scotts(R))  
ProGrow(R)  
BRAND

85605  
(Printing Calendar)

(Scotts (R))  
ProTurf(R)  
BRAND

Pythium Control

(Scotts(R))  
ProGrow(R)  
BRAND

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#### DIRECTIONS FOR USE

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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. Exception: if the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, shoes plus socks, protective eyewear.

#### NON-AGRICULTURAL USE REQUIREMENTS

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 Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets off treated areas until material has been washed off the foliage and the area is completely dry.

## TURF

Prevents or arrests damaging activity of Pythium blight and Pythium damping off.

For use on bentgrass, Kentucky bluegrass, perennial ryegrass, annual ryegrass and bermudagrass turf.

To prevent Pythium blight in established turf, apply as a preventive treatment during periods favorable for Pythium development at the RECOMMENDED RATE. Retreat at 10 day intervals. If a longer retreatment interval is desired, apply at DOUBLE RATE and retreat at 21 day intervals. If conditions are severe for disease, apply at DOUBLE RATE and retreat at 10 day intervals. Apply to moist or dry foliage.

To prevent Pythium in newly seeded areas, apply at the RECOMMENDED RATE immediately after seeding. Irrigate with 1/4 inch of water. Retreat at 7-14 day intervals if conditions remain favorable for disease. If conditions are severe for disease, apply the DOUBLE RATE and retreat in 7 days.

To avoid product pickup, lightly irrigate treated area before mowing.

Not a control for turfgrass diseases other than Pythium.

When treating for Pythium control on established turf, do not fertilize or water heavily during periods when disease is active.

ProTurf Pythium Control contains metalaxyl, a systemic fungicide having a specific mode of action. Its sole use could result in ineffective control of resistant strains of fungi. It is recommended that ProTurf Pythium Control be alternated with Proturf Fungicide V to reduce the chance of resistant strains developing.

Limit use of Pythium Control to no more than 3 applications per season.

Allow one week between the application of ProTurf Pythium Control and other control products. In situation of severe insect or disease attacks, this guideline can be relaxed.

## ORNAMENTALS

Use Pythium Control on container ornamentals for the prevention of damping-off and root and stem rot diseases caused by Pythium and Phytophthora. Use Pythium Control either in a soil mix at the time of transplanting ornamentals or as a soil surface broadcast application after plants have been potted.

It is important that plants are treated preventively for best results. Once infected with Pythium or Phytophthora, plants may not recover from these diseases.

Rate Ranges: use the lower rate for the shortest interval listed and the higher rate for the longest interval.

Do not exceed recommended rates or apply more frequently than directed, or plant injury may occur.

WOODY ORNAMENTALS EXCEPT AZALEAS

Aucuba japonica  
Andromeda  
Arborvitae  
Ceanothus  
Ilex  
Pinus thumbergii

Savin juniper  
Tam juniper  
Shore juniper  
Pittosporum  
Rhododendron

SOIL SURFACE BROADCAST: Apply 2.0-2.5 lbs. product per 1,000 ft<sup>2</sup> bed area. Repeat applications at two to three month intervals if necessary.

Watering: Apply 1/4-1/2 inch water to activate the fungicide and to move the active ingredient to the plant root zone.

Precaution: To minimize the potential for injury, do not apply total rates of 4.0-5.0 lbs. product per 1,000 ft<sup>2</sup> more often than once every ten weeks.

SOIL MIX AT POTTING: Thoroughly mix 0.75-1.5 lbs. product per cubic yard of soil mix for two to three months control.

AZALEAS

To prevent Pythium and Phytophthora root and crown rot, apply at the same surface broadcast rates as above and repeat applications at 2-4 months intervals if necessary. Apply 1/4-1/2 inch water after application. For soil incorporation at potting time, use the same rate as above for 2-4 months control.

Precaution: To minimize the potential for injury to azaleas, do not apply more than 10 lbs. of product per 1,000 ft<sup>2</sup> in 6 months.

Note: Do not apply to Euonymus or injury may occur.

**Storage and disposal**

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

STORAGE: Store in a clean, dry place. Reseal opened bag by folding top down and securing. Protect from water and extreme heat.

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.

IMPORTANT NOTICE: DISCLAIMER AND 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 all 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 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 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.

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

Suggested Spreader Settings for Turfgrass Usage  
to provide proper distribution calibrate spreader before application

28.25 lbs treats 22,000 ft<sup>2</sup> at the NORMAL RATE  
28.25 lbs treats 11,000 ft<sup>2</sup> at the DOUBLE RATE

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			NORMAL RATE	DOUBLE RATE
Scott Drop Type	3 mph	overlap wheels	3 3/4	5 1/2
Scott Rotaries				
R-7, R-7X*	3 mph	9 feet	C 1/2	F
R-8 (cone 9)	3 mph	9 feet	I	K
Gandy 30"	3 mph	overlap wheels	23	30
Lely Models (see below)	4.5 mph	18 feet	2 3/4 II	3 1/2 II

\*Set adjustable pattern to 1/4 closed position.

Lely models WTR, WFR, adn HR. PTO at 450 rpm.

Metric Coverage: 12.81 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 devices used.