

PM 25 538-213

10/11 July

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. 538-213  
PROTURF TURF FERTILIZER PLUS PREEMERGENT WEED

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

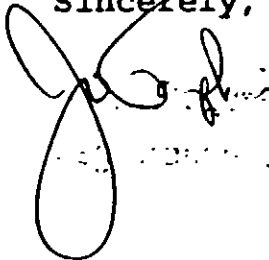
Hand or courier deliveries of final labels may be made to:

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,

A handwritten signature in dark ink, appearing to be a stylized name with a large loop at the bottom.

FRONT

(S-1206T) -- LOW END OF RANGE  
 30-3-9 TURF FERTILIZER PLUS  
 PREEMERGENT WEED CONTROL XXXXX  
 09/11/85 JF 11/14/85 JF  
 09/19/85 JF 06/04/86 JF  
 10/02/85 JF 06/10/86 CR  
 11/01/85 JF 04/04/88 SC  
 05/23/88 SC 06/14/88 SC  
 01/30/90 CR  
 06/15/93 VS/cr

(Scotts(R))  
 ProTurf(R)  
 BRAND

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30-3-9  
 Turf Fertilizer  
 Plus  
 Preemergent  
 Weed Control

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- o preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and Poa annua
  - o provides quick green-up plus extended feeding with controlled release SREF nitrogen (slow release encapsulated fertilizer)
- 

Net Weight 75 3/4 lbs (34.36 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. In case of contact, immediately flush eyes or skin 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 graze treated areas. Do not feed clippings to livestock.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

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

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.

538-213

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 pesticide is toxic to fish. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENT:

pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl  
 -2,6-dinitrobenzenamine\* . . . . . 0.50%

INERT INGREDIENTS: . . . . . 99.50%  
 Total .100.00%

EPA Reg. No. 538-213

EPA Est 538-OH-1

Turf Fertilizer Plus Preemergent Weed Control

30-3-9

643-XXXX

Guaranteed Analysis

Total nitrogen (N) . . . . . 30%  
 0.6% ammoniacal nitrogen  
 22.9% urea, methylene ureas nitrogen  
 6.5% water insoluble nitrogen  
 Available phosphoric acid (P<sub>2</sub>O<sub>5</sub>) . . . . . 3%  
 Soluble potash (K<sub>2</sub>O) . . . . . 9%

Derived from: urea, methylene ureas, monoammonium phosphate and potassium sulfate

Product of USA

U.S. Patent No's 3,705,794; 3,989,470

\*Licensed under one or more of the following U.S. Patents:  
3,920,742; 4,066,441

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

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Recommended for Use by Professional Turfgrass Managers

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XXXXX

30-3-9  
 Turf Fertilizer  
 Plus Preemergent  
 Weed Control

RIGHT GUESSET

XXXXX

(Scotts(R))  
ProTurf(R)

30-3-9  
Turf Fertilizer  
Plus Preemergent  
Weed Control

LEFT GUESSET

XXXXX

(Scotts(R))  
ProTurf(R)

30-3-9  
Turf Fertilizer  
Plus Preemergent  
Weed Control

BACK.

00711

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 Workers 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, waterproof gloves, shoes plus socks.

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, bentgrass and Poa annua (except putting greens and tees), bermudagrass, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. See "Bermudagrass, Bentgrass and Poa annua Precautions" and "Limitation of Liability" statements.

Not for use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bentgrass-containing turf and Poa annua are the desired species, a light rate application only is recommended.

Prevents sprouting of the following grassy and dicot weeds and provides a controlled-release nitrogen feeding:

Grassy Weeds

crabgrass  
foxtail  
goosegrass  
Poa annua  
barnyardgrass  
fall panicum

Dicot Weeds

chickweed  
oxalis  
knotweed  
prostrate spurge  
purslane  
cudweed  
hop clover  
henbit  
eveningprimrose

To prevent Poa annua and fall germinating chickweed, apply product to dry foliage in late summer/early fall (before germination). Repeat application yearly for continued control. A repeat application made after Poa annua treatment should not be sooner than 4 months.

Where lower infestations are expected, the lighter rates may be used.

Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (1/4-1/2 inch) to remove granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying as a segment to application. Allow at least a four month span between the applications except when repeat applications are necessary after 6-8 weeks.

Do not mow treated area until product has been watered in and turf foliage has dried.

### Precautions

Do not use on bentgrass, Poa annua and bermudagrass; putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf and Poa annua are the desired species, a light rate application only is recommended.

On cool season turfgrasses avoid applications when temperatures are regularly in the 80's.

This product may cause discoloration and thinning where overapplications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature - below 40°F, scalping, and excessive soil moisture).

### Bermudagrass, Bentgrass and Poa annua Precautions

Do not apply to dormant bentgrass and Poa annua (turf that is not actively growing or has experienced frost).

For dormant bermudagrass, an application can be made if it is maintained at a high cut (1/2 inch or more) on medium-fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of bermudagrass, wait until greenup, fill-in and good rooting before making an application.

Application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply to bentgrass or Poa annua after late summer.

**Other Precautions**

Delay seeding by 4 months and sprigging by 5 months after application. Prior to planting, for best results, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

Annually, do not apply more than a cumulative total of 802 lbs. of product/A (4 lbs. ai/A) on cool season turfgrasses and 1203 lbs of product/A (6 lbs. ai/A) on warm season grasses.

Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5-10 MPH) due to its staining potential.



<u>Turfgrass Species</u>	<u>Needs</u>	<u>Rates of Turf Fertilizer Plus Preemergent Weed Control</u>	<u>Comments</u>
o Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	301-348 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 248-301 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	301-348 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 301-348 lbs./acre	
o Bentgrass and established <u>Poa annua</u> (1/2 inch height or taller. Not for use on greens and tees)	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	301 lbs./acre in the spring prior to weed germination.	Apply a repeat application of 248-301 lbs./acre after 6-8 weeks where heavy infestations are expected.
	goosegrass	301 lbs./acre in the spring prior to weed germination with a repeat application of 301 lbs/acre after 6-8 weeks.	

<u>Turfgrass Species</u>	<u>Weeds</u>	<u>Rates of Turf Fertilizer Plus Preemergent Weed Control</u>	<u>Comments</u>
o Warm Season Grasses Bermudagrass St. Augustinegrass Bahagrass Zoysiagrass Centipedegrass Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	301-401 lbs./acre prior to weed germination.	Apply a repeat application of 248-301 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass cudweed hop clover evening-primrose henbit	301-348 lbs./acre prior to weed germination with a repeat application of 301-348 lbs./acre after 6-8 weeks.	

**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.

**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.

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties and Poa annua under all possible growing conditions. The user should exercise judgment and caution when using this product on a given variety until familiar with the performance under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT ON BENTGRASS AND POA ANNUA IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND ESTABLISHED SAFE PRACTICES. 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 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 O M Scott & Sons Company.

The O M Scott & Sons Company  
 1411 Scottslawn Road  
 Marysville, Ohio 43041

**Suggested Spreader Settings**

To provide proper distribution calibrate spreader before application. Do not adjust rates in order to meet fertilizer requirements of your soil.

75 3/4 lbs treats 11,000 ft<sup>2</sup> (1/4 acre) at the 301 lbs product/acre rate (equivalent to 1.5 lb active ingredient/acre and 2.0 lb N/1,000 sq ft)

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE			
			Lbs product/acre			
			248	301	348	401
Gandy - 30"	3 mph	overlap wheels	X	X	X	X
Scotts Rotaries*						
R-7, R-7X	3 mph	XX feet	X	X	X	X
R-8, R-8A						
(cone 8)	3 mph	XX feet	X	X	X	X
Lely Models	4.5 mph	XX feet	X	X	X	X
Vicon	4.5 mph	XX feet	X	X	X	X

\*Use discharge hole cover #13030 (already attached to the PT-10 and PT-11 models). For the R-7X model use with adjustable pattern slide 1/4 closed.

Lely models WTR, WFR, HR and 1250. PTO at 450 rpm.  
 Metric coverage: 34.36 kg treats 1022 m<sup>2</sup> at the 301 lbs product/acre rate