

pm 25 538-188 10/15  
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. 538-188  
SCOTTS PROTURF SOUTHERN WEEDGRASS 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:

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Document Processing Desk (FIN-LABEL)

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

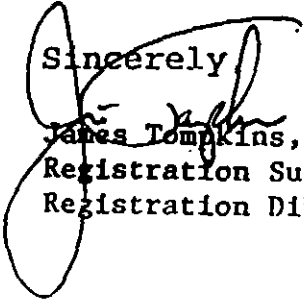
Hand or courier deliveries of final labels may be made to:

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)

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FRONT:

PT/PG SOUTHERN WEEDGRASS CONTROL  
#8667

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10/10/86 JF	04/06/87 CR	11/04/86 JF
04/18/88 JF	02/23/87 JF	12/13/88 SC
03/04/87 JF	03/31/89 SM	11/13/89 SC
12/08/89 SC	02/14/92 JF	03/11/92 CR
		06/03/92 CR
		04/06/93 VS/cr
		06/14/93 VS/cr

(SCOTTS(R))  
ProTurf(R)  
BRAND

(SCOTTS(R))  
ProGrow(R)  
BRAND

Southern  
Weedgrass  
Control

- o preemergent control of goosegrass, crabgrass, Poa annua and other annual grassy weeds in southern grasses
- o preemergent control of broadleaf weeds

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. 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.

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

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.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

OCT 22 1993

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

538-188

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Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

**RIGHT COLUMN**

**ACTIVE INGREDIENT:**

pendimethalin, N-(1-Ethylpropyl)-3,4 dimethyl-2,6 dinitrobenzenamine* . . . . .	2.68%
------------------------------------------------------------------------------------	-------

INERT INGREDIENTS: . . . . .	97.32%
Total	100.00%

EPA Reg. No. 538-188

EPA Est. No. 538-OH-1(S)  
8378-IN-1(K)

Product of U.S.A.

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

Distributed 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 or Nursery Managers

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8667

Southern  
Needgrass  
Control

GUSSETS:

5/15

RIGHT GUSSETS

(Scotts(R))  
ProGrow  
BRAND

8667

(Scotts(R))  
ProTurf(R)  
BRAND

Southern  
Weedgrass  
Control

LEFT GUSSETS

(Scotts(R))  
ProTurf  
BRAND

Southern  
Weedgrass  
Control

8667  
(Printing Calendar)

(Scotts(R))  
ProGrow(R)  
BRAND

BACK:

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Southern  
Weedgrass  
Control

83204

(SCOTTS(R))  
ProTurf  
BRAND

Southern  
Weedgrass  
Control

(SCOTTS(R))  
ProGrow(R)  
BRAND

Directions for use

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.

Personal protective equipment 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.

Control these grassy weeds as they sprout:

goosegrass  
crabgrass  
foxtail

Poa annua  
barnyardgrass  
fall panicum

Controls these broadleaf (dicot) weeds as they sprout:

chickweed  
cudweed  
hop clover  
henbit  
oxalis

eveningprimrose  
prostrate spurge  
purslane  
knotweed  
pearlwort

**TURF**

For use on established bermudagrass, St. Augustinegrass, centipedegrass, zoysiagrass, bahiagrass, and tall fescue.

For goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua, cudweed, hop clover, oxalis, eveningprimrose, chickweed, purslane, knotweed, henbit and prostrate purple, apply in the spring or fall before they sprout.

For best results, water after application (1/4 to 1/2 inch) to remove granules from the foliage and to move the product to the soil surface. Do not destroy the chemical barrier after application by raking or aerifying.

Do not contaminate feed or foodstuffs. Keep children and pets off treated areas until material is washed into soil and foliage has dried.

To prevent Poa annua, henbit, and fall germinating chickweed, apply product at the suggested rate in late summer-early fall before germination. Repeat treatment yearly for continued control but not sooner than the following spring.

On newly seeded or sodded turfgrass areas, wait until after the fourth mowing before application. For established turfgrass areas where reseeding is necessary, delay the product application until after seeding and after the new grass seedlings have been mowed 4 times. This may be up to 3 months from the date of seeding.

On newly sprigged areas, wait 5 months before application.

**Bermudagrass Precautions**

When applied to dormant bermudagrass, greenup may be delayed 2 to 3 weeks in the spring. The delay in greenup may be more extensive on low-cut bermudagrass and on sandy soils.

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

Application of this product to bermudagrass greens that are overseeded with cool season turfgrass species may inhibit the transition of bermudagrass, especially when the green is verticut, aerified, etc. These practices in conjunction with an application of this product may remove the overseeding faster than the bermudagrass can fill in, resulting in thin greens.

**Other Precautions - Turf**

Where tall fescue is grown as a mixture with cool season grasses, this product should be used only if tall fescue is the desired turf species.

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

This product should not be used on winter overseedings unless enhanced reduction of the cool season grass species is desired.

**OPTIONAL STATEMENT:** (not for use on dichondra) OR (not for use on cool season grasses or dichondra).

This product cannot be used on newly seeded or sprigged turfgrass areas or where turfgrass has been severely thinned due to winter damage, insects, disease, scalping, etc. Wait until fill-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

For established turfgrass areas where reseeding is necessary, delay product application until after new grass seedlings have been mowed 4 times.

Residual effectiveness requires a delay of four growing months after treatment before reseeding or winter overseeding and five growing months before sprigging.

Product does not control germinated or established weeds.

Allow at least a four month span between any two applications except when a repeat treatment is necessary after 6-8 weeks. Do not apply more than 226 lbs. of product/acre per year.

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, excessive soil moisture, scalping, etc.).

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.



## APPLICATION RATE

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Warm Season Grasses Bermudagrass St. Augustinegrass Bahagrass Zoysiagrass Centipedegrass Tall Fescue	crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed	76-114 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre after 6-8 weeks if necessary.
	goosegrass	76-114 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre to extend control of goosegrass or if the lower rate was used initially.
	cudweed hop clover evening- primrose henbit	114 lbs./acre prior to weed germination.	
Bermudagrass Greens	crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed	76 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre after 6-8 weeks if necessary.
	goosegrass cudweed hop clover evening- primrose henbit	76 lbs./acre prior to weed germination with a repeat application of 57 lbs./acre after 6-8 weeks.	

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Cool Season Grasses Kentucky Bluegrass Perennial Ryegrass Fine Fescue Tall Fescue	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <u>Poa annua</u> prostrate spurge purslane	57-76 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 57 lbs./acre after 6-8 weeks for acceptable control at the lower rate.
	goosegrass	57-76 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 57 lbs./acre.	
Bentgrass and Established <u>Poa annua</u> (Fairway cut. Not for use on greens or tees)	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <u>Poa annua</u> prostrate spurge purslane	57 lbs./acre in the spring prior to weed germination.	A repeat application of 57 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	57 lbs./acre in the spring prior to weed germination with a repeat application of 57 lbs./acre after 6-8 weeks.	

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	Weeds	Rates of Southern Weedgrass Control	Comments
Southern Weedgrass Control alone	goosegrass crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed pearlwort oxalis	76-114 lbs./acre prior to weed germination for 3-5 months control.	Apply a repeat application of 76 lbs./acre after 3-5 months to extend control or for weeds that germinate in the fall.
	cuscuta hop clover evening-primrose henbit	114 lbs./acre prior to weed germination.	

**OH-II Plus Southern Weedgrass Control**

Southern Weedgrass Control can be used to control weeds while plants are producing a new flush of spring growth, or to extend annual weed control after an application of OH-II.

Allow at least 6-8 weeks between an application of OH-II or Southern Weedgrass Control.

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**Ornamentals**

For use on these container and field grown ornamentals

Acer	Fraxinus	Pinus
Achillea	Herdera	Pittosporum
Acorus	Hemerocallis	Platanus
Agapanthus	Hosta	Potentilla
Ajuga	Ilex	Pseudotsuga
Aloysia	Juniperus	Pyrus
Arbutus	Lagerstroemia	Quercus
Arundo	Ligustrum	Rhododendron
Asparagus fern	Liriope	Solanum
Butia	Lobellia	Stokesia
Ceanothus	Magnolia	Syringa
Chamaerops	Malus	Spiraea
Convolvulus	Miscanthus	Tilia
Cordylone	Moraea	Trachycarpus
Correa	Ophiopogon	Tsuga
Cortaderia	Pachysandra	Washingtonia
Euonymus	Penstemon	Wisteria
Franklinia	Photinia	

For goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua, cudweed, hop clover, oxalis, eveningprimrose, chickweed, purslane, knotweed, henbit, prostrate spurge and pearlwort, apply in the spring or fall before they sprout or after established weeds are removed.

Apply this product to dry foliage only. Apply either prior to weed seed germination or following complete weed removal.

Water immediately (1/2 to 1 inch) to remove granules from plant foliage and activate the herbicide.

For container grown ornamentals delay first application of this product to bare-root liners 2-4 weeks.

Remove established weeds from potted liners prior to transplanting into containers. After planting irrigate with approximately 1/2 inch of water to firm potting media around root system. After two regular waterings and foliage has dried, broadcast product evenly over container growing area. Water in with 1/2 to 1 inch.

First application to field grown ornamentals can be made at the time of planting or prior to weed seed germination. Soil should be broken by light cultivation and be free of all established weeds.

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BACK CONTINUED:

13g15

**PRECAUTIONS ORNAMENTALS**

Does not control mature established weeds.

Do not apply to moist foliage.

Following applications, do not disturb the soil surface as the herbicide barrier will be broken.

Do not incorporate product into soil or potting media nor apply product directly to bare roots of woody ornamentals.

Do not use in wind conditions that affect distribution of the product.

Not for use on vegetables. Do not use on fruit trees that will bear fruit within one year of application.

Users who wish to use Southern Weedgrass Control on ornamental species or nonbearing fruit trees not listed on this label may determine suitability for such uses by making trial application of this product at a recommended rate to a small number of plants. Prior to using this product on a large number of plants, the trial treatment should be observed for signs of herbicidal injury for 3 to 6 months to determine if the treatment is safe to the target plant species.

Non-bearing fruit trees such as citrus (oranges, grapefruit, etc.), pome fruits (apples, pears, etc.) and stone fruit (cherries, peaches, etc.) are plants which will not bear fruit for at least one year following application.

The user assumes responsibility for any crop damage or other liability from the use of this product on ornamental plant species not recommended on this label.

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**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.

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

**Suggested Spreader Settings for Turf**

To provide proper distribution calibrate spreader before application.

28.25 lbs. treats 11,000 sq. ft. (1/4 acre) at 114 lbs. product/acre rate

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>RECOMMENDED RATE RANGE</u> <u>(lbs. of product/acre)</u>		
			<u>57 lbs. product/A</u>	<u>76 lbs. product/A</u>	<u>114 lbs. product/A</u>
Scotts Drop	3 mph	overlap wheels			
Gandy (30")	3 mph	overlap wheels			
Scott Rotaries (R-7, R-7X)	3 mph	8 ft.			
R-8A, R-8 (cone 9)	3 mph	9 ft.			
Lely Models (see below)	4.5 mph	18 ft.			
Vicon	4.5 mph	18 ft.			

Lely models WTR, NFR, HR, and 1250. PTO at 450 rpm.

**IMPORTANT NOTICE: 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 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, EXPRESSED OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND 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 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.

Professional Division  
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