



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

2/1/95

538-188

1/16

FEB 12 1995

Vincent Snyder  
The Scotts Company  
14111 Scottslawn Road  
Marysville, OH 43041

Dear Mr. Snyder:

Subject: Label Amendments for:

Southern Weedgrass Control  
EPA Registration Number 538-188  
Your Application Dated 2/1/96, 1/19/96

Turf Fertilizer Plus Preemergent Weed Control  
EPA Registration Number 538-213  
Your Application Dated 1/19/96

Proturf Weedgrass Control 60 WDG  
EPA Registration Number 538-195  
Your Application Dated 1/19/96

Turf Weedgrass Control 8637  
EPA Registration Number 538-193  
Your Application Dated 1/19/96

Proturf Fertilizer Plus Southern Turf Weedgrass Control  
EPA Registration Number 538-206  
Your Application Dated 1/19/96

Proturf Fertilizer Plus Turf Weedgrass Control  
EPA Registration Number 538-196  
Your Application Dated 1/22/96

Fertilizer Plus Preemergent Weed Control  
EPA Registration Number 538-214  
Your Application Dated 1/22/96

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the following comment.

1. A Statement of Practical Treatment section is added to each product label. Please see the attached sample format for guidance.

BEST COPY AVAILABLE



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

Your amended labels have been stamped accepted with comment and the copies are enclosed. You must incorporate the comment above on your labels. The new labels must be on products released for shipment within 1 year or by the next label printing, whichever occurs first.

27/16

Sincerely,



Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

) Enclosures

BEST COPY AVAILABLE

3416

MASTER LABEL

FRONT:

PT/PG SOUTHERN WEEDGRASS CONTROL #8667

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

*11/8/12/1996*

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

*538-188*

10/10/86 JF	11/4/86 JF	2/23/87 JF
3/4/87 JF	4/6/87 C	4/18/88 JF
12/13/88 SC	3/31/89 SM	11/13/89 SC
12/8/89 SC	2/14/92 JF	3/11/92 CR
6/3/92 CR	4/6/93 VS/cr	6/14/93 VS/cr
6/20/94 VS/cr	7/11/94 VS/cr	9/26/94 VS/cr
1/22/96 VS/kl	1/29/96 RB/kl	

(SCOTT'S®)  
ProTurf®  
BRAND

(SCOTT'S®)  
ProGrow®  
BRAND

Southern  
Weedgrass  
Control

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

OR

- preemergent control of goosegrass, crabgrass, *Poa annua* and other annual grassy weeds in Turfgrass and Landscape Ornamentals

OR

- preemergent control of most annual grasses and certain broadleaf weeds as they germinate in container field grown and landscape ornamentals
- preemergent control of broadleaf weeds

Net Weight 28¼ 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.

4/7/16

**FRONT CONTINUED:**

**Personal Protective Equipment**

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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**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.

**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 USA

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

Distributed by;  
The Scotts Company  
14111 Scottslawn Rd.  
Marysville, Ohio 43041

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Recommended For Use By Professional Turfgrass or Nursery Managers

OR

Recommended For Use By Commercial Nursery Managers

OR

Recommended For Use By Professional Nursery and Landscape Managers

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8667 Southern Weedgrass Control

GUSSETS:

RIGHT GUSSETS

(Scotts®) 8667  
ProGrow  
BRAND

(Scotts®)  
ProTurf®  
BRAND

Southern  
Weedgrass  
Control

LEFT GUSSETS

(Scotts®)  
ProTurf  
BRAND

Southern 8667  
Weedgrass  
Control (Printing Calendar)

(Scotts®)  
ProGrow®  
BRAND

6 of 16

BACK:

Southern  
Weedgrass  
Control

83204

(SCOTTS®)  
ProTurf  
BRAND

Southern  
Weedgrass  
Control

(SCOTTS®)  
ProGrow®  
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.

Controls these grassy weeds as they sprout:

barnyardgrass  
crabgrass  
crowfootgrass  
goosegrass  
fall panicum  
foxtail

itchweed  
johnsongrass  
(from seed)  
junglerice  
lovegrass  
*Poa annua*

sandbur, field  
signaigrass  
sprangletop  
witchgrass  
woolly cupgrass

**BACK CONTINUED:**

Controls these broadleaf (dicot) weeds as they sprout:

carpetweed	hop clover	prostrate spurge
chickweed	knotweed	puncturevine
cudweed	kochia	purslane
eveningprimrose	lambsquarters	pusley, Florida
fiddleneck	oxalis	rocket, London
filaree	pearlwort	shepherdspurse
henbit	pigweed	smartweed
		velvetleaf

**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 spurge, apply in the spring or fall before they sprout.

OR

For annual grass and dicot weeds, apply before they sprout or after established weeds are removed.

For best results, water after application (¼ to ½ 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.

89/6

BACK CONTINUED:

**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 a cumulative total of 113 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 226 lbs of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 339 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

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.

BACK CONTINUED:

APPLICATION RATE

<u>Turfgrass Species</u>	<u>Weeds</u>	<u>Rates of Southern Weedgrass Control</u>	<u>Comments</u>
Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass Tall Fescue	crabgrass foxtail barnyardgrass fall panicum <i>Poa annua</i> 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 <i>Poa annua</i> 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	

BACK CONTINUED:

<u>Turfgrass Species</u>	<u>Weeds</u>	<u>Rates of Southern Weedgrass Control</u>	<u>Comments</u>
Cool Season Grasses Kentucky Bluegrass Perennial Ryegrass Fine Fescue Tall Fescue	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <i>Poa annua</i> 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 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 57 lbs./acre.	
Bentgrass and Established <i>Poa annua</i> (Fairway cut. Not for use on greens or tees)	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <i>Poa annua</i> 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.	

BACK CONTINUED:

ORNAMENTALS

For use on these container and field grown ornamentals

OR

For use around and over the top of all established landscape ornamentals listed below.

OR

For use around and over the top of all established landscape, field grown, and container ornamentals listed below.

- |                |               |             |              |
|----------------|---------------|-------------|--------------|
| Abelia         | Cordyl'ne     | Lobelia     | Pseudosuga   |
| Abies          | Cornus        | Magnolia    | Pyracantha   |
| Acer           | Correa        | Malus       | Pyrus        |
| Achilles       | Cortaderia    | Miscanthus  | Quercus      |
| Acorus         | Cotoneaster   | Moraea      | Raphiolepis  |
| Agapanthus     | Cryptomeria   | Myrica      | Rhododendron |
| Ajuga          | Euonymus      | Myrtus      | Solanum      |
| Aloysia        | Forsythia     | Nandina     | Spirea       |
| Arbutus        | Franklinia    | Nerium      | Stokesia     |
| Arundo         | Fraxinus      | Ophiopogon  | Syringa      |
| Asparagus Fern | Gardenia      | Oxydendron  | Taxus        |
| Berberis       | Gleditsia     | Pachysandra | Thuja        |
| Betula         | Hedera        | Penstemon   | Tilia        |
| Butia          | Hemerocallis  | Photinia    | Trachycarpus |
| Buxus          | Hosta         | Picea       | Tsuga        |
| Callistemon    | Ilex          | Pieris      | Washingtonia |
| Carissa        | Juniperus     | Pinus       | Wisteria     |
| Ceanothus      | Kalmia        | Pittosporum | Yucca        |
| Chamaecyparis  | Lagerstroemia | Platanus    |              |
| Chamaerops     | Ligustrum     | Potentilla  |              |
| Convolvulus    | Liriope       | Prunus      |              |

GROUND COVERS

- |             |           |              |         |
|-------------|-----------|--------------|---------|
| Aptenia     | Fragaria  | Myoporum     | Verbena |
| Arctotheca  | Gazania   | Osteospermum | Vinca   |
| Baccharis   | Helix     | Pelargonium  |         |
| Carpobrotus | Hypericum | Rosemaria    |         |

PERENNIALS

- |       |           |         |
|-------|-----------|---------|
| Aster | Asclepias | Lythrum |
|-------|-----------|---------|

ORNAMENTAL GRASSES

- |             |            |          |
|-------------|------------|----------|
| Ammophila   | Festuca    | Phalaris |
| Deschampsia | Pennisetum |          |

BACK CONTINUED:

	<u>Weeds</u>	<u>Rates of Southern Weedgrass Control</u>	<u>Comments</u>
Southern Weedgrass Control alone	barnyardgrass crabgrass crowfootgrass carpetgrass chickweed cudweed eveningprimrose fall panicum fiddleneck filaree foxtail goosegrass henbit hop clover itchgrass johnsongrass (from seed) junglerice knotweed kochia lambsquarters lovegrass oxalis pearlwort pigweed <i>Poa annua</i> prostrate spurge puncturevine purslane pusley, Florida rocket, London sandbur, field shepherdspurse signalgrass smartweed sprangletop velvetleaf witchgrass woolly cupgrass	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.
	cudweed hop clover evening- primrose henbit	114 lbs./acre prior to weed germination.	

BACK CONTINUED:

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.

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 following planting or prior to weed seed germination. Soil should be broken by light cultivation and be free of all established weeds.

**PRECAUTIONS ORNAMENTALS**

Does not control mature established weeds.

Do not apply to moist foliage.

**Do not apply product in enclosed greenhouse or polyhouse structures as ornamental injury may result.**

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.

**BACK CONTINUED:**

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:

**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.

The Scotts Company  
Marysville, Ohio 43041

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BACK CONTINUED:

**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> (lbs. of product/acre)		
			<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, WFR, HR, and 1250. PTO at 450 rpm.

**Ornamentals**

Apply with a spreader calibrated to deliver 1.7 - 2.6 lbs./1,000 sq. ft.

Rate settings must be determined by applicator depending on spreader device used.

To deliver proper rate (1.7 - 2.6 lbs./1,000 sq. ft.) calibrate spreader prior to application of the product.

<u>SPREADER</u>	<u>SETTING</u>
Rotary Spreader	Calibrate to deliver 28.25 lbs (1 bag) per 11,000 sq. ft. or 2.6 lbs./1,000 sq. ft. At the 1.7 lbs./1,000 sq. ft. rate, one bag covers 16,190 sq. ft.

16 of 16

**BACK CONTINUED:**

**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 judgment 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 Scotts Company, or its affiliates, 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 Scotts Company.

Professional Division  
The Scotts Company  
Marysville, Ohio 43041