

538-206

9/11/1996

1049

SEP 11 1996

Mr. Chris J. Wible  
The Scotts Co.  
14111 Scottslawn Rd.  
Marysville, OH 43041

Dear Mr. Wible:

Subject: Addition of Turfgrass Varieties  
Fertilizer Plus Souther Turf Weedgrass Control  
EPA Reg. No. 538-206  
Your submission dated July 26, 1996

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

Sincerely yours,



✓ Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

2099

**RANGE LABELS**

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated  
SEP 11 1996

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

928-206 EPA Letter Dated

(S-1526TR - 3 lbs. rate) (High End Range)  
PROTURF FERTILIZER PLUS SOUTHERN TURF  
WEEDGRASS CONTROL · XXXXX

07/16/85 JF	08/12/85 JF	08/27/85 JF
09/11/85 JF	09/17/85 JF	07/16/86 JF
05/04/89 SC	06/28/89 SC	08/10/90 SC
04/06/93 VS/cr	05/07/93 VS/cr	01/23/96 VS/kl
07/24/96 DS/jk		

**FRONT:**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
pesticide

(Scotts®)  
ProTurf®  
BRAND

Poly-S\*®  
Technology

30-3-3  
Fertilizer Plus Southern Turf Weedgrass Control

- provides preemergent control of crabgrass, goosegrass, foxtail, *Poa annua*, chickweed, oxalis, spurge, and other annual grassy and broadleaf weeds.
- provides a feeding of nitrogen and potassium

\*Scotts® slow-release Polymer-encapsulated fertilizer

96 AUG -5 A 9:59

RECD EPA/OPP/DPD01

Net Weight 18<sup>1/3</sup> lbs. (8.31 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. Wash thoroughly with soap and water after handling. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

**STATEMENTS OF PRACTICAL TREATMENT**

**If swallowed:** Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**If in eyes:** Flush with plenty of water. Call a physician if irritation persists.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**FRONT CONTINUED:**

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**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\* .....4.14%

**INERT INGREDIENTS:**.....95.86%  
Total 100.00%

EPA Reg. No. 538-206

EPA Est XXX-XX-X

Fertilizer Plus Southern Turf Weedgrass Control 30-3-3

**Guaranteed Analysis**

Total nitrogen (N) ..... 30%  
0.6% ammoniacal nitrogen  
22.5% urea, methylene ureas nitrogen  
6.9% water insoluble nitrogen  
Available phosphate (P<sub>2</sub>O<sub>5</sub>) .....3%  
Soluble potash (K<sub>2</sub>O).....3%

Derived from: monoammonium phosphate, urea, methylene ureas and potassium sulfate.  
Product of USA  
U.S. Pat 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

The Scotts Company  
14111 Scottslawn Rd.  
Marysville, Ohio 43041  
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Recommended for Use by Professional Turfgrass Managers

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30-3-3  
XXXXX

Fertilizer Plus  
Southern  
Turf Weedgrass Control

4009

**GUSSETS:**

**RIGHT GUSSET**

XXXXX

(Scotts®)  
ProTurf®  
BRAND

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

**LEFT GUSSET**

(Scotts®)  
ProTurf®  
BRAND

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

XXXXX

**BACK:**

30-3-3  
Fertilizer Plus Southern  
Turf Weedgrass Control

(Scotts®)  
ProTurf®  
BRAND

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

**Directions for use**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

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

Not for use on 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 (1.5 lbs. ai/A) only is recommended.

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

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

Prevents sprouting of the following grassy and dicot weeds and provides a feeding of nitrogen and potassium.

<u>Grassy Weeds</u>		<u>Dicot Weeds</u>	
crabgrass	<i>Poa annua</i>	chickweed	hop clover
foxtail	barnyardgrass	oxalis	henbit
goosegrass	fall panicum	prostrate spurge	eveningprimrose
		knotweed	purslane
		cudweed	

To prevent crabgrass, goosegrass, foxtail, other annual grasses and germinating dicot weeds, apply product to dry foliage at the RECOMMENDED RATE in the spring before they sprout.

To prevent *Poa annua* and fall germinating chickweed and henbit, apply product to dry foliage in late summer-early fall (before germination) at the RECOMMENDED RATE. Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should be no sooner than 4 months.

For best results, water after all applications (¼ - ½ inch) to remove the 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 after application. Allow at least a 4 month span between applications except when repeat applications are necessary after 6-8 weeks.

6009

**BACK CONTINUED:**

**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 temperatures - 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).

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

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.

Avoid application of this product to bentgrass and *Poa annua* affected by excessive soil moisture, shade, drought, disease, or other stress conditions.

**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.

Complete any raking or aerifying of the turf before treatment so that the protective chemical barrier against the weeds is not destroyed after application.

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.

Do not apply more than a cumulative total of 73 lbs. product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 146 lbs. product/acre (6.0 lbs. active ingredient/acre) per year on cool season grasses, and 219 lbs. product/acre (9.0 lbs. active ingredient/acre) per year on warm season grasses.

BACK CONTINUED:

<u>Turfgrass Species</u>	<u>Weeds</u>	<u>Rates of Fertilizer Plus Southern Turf Weedgrass Control</u>	<u>Comments</u>
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine Fescue Tall Fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	43-49 lbs./acre prior to weed germination.	Apply a repeat application of 36 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	43 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 36-43 lbs./acre.	
◦ Bentgrass and established <i>Poa annua</i> (1/2 inch height or taller). Not for use on greens and tees.	goosegrass crabgrass <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed	36 lbs./acre in the spring prior to weed germination.  Apply a repeat application of 36 lbs./acre after 6-8 weeks.	
◦ Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass (49 lbs./acre rate or less) Tall fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	43-73 lbs./acre prior to weed germination.  <i>or</i>  73 lbs./acre may be used prior to weed germination with a repeat application of 36-49 lbs./acre after 4 months where weeds germinate over an extended period. (Do not use this high rate on centipedegrass)	Apply a repeat application of 36-49 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	43-73 lbs./acre prior to weed germination.	Apply a repeat application of 36-49 lbs./acre in 6-8 weeks to control goosegrass if the lower rate was used initially.
	cudweed hop clover evening primrose henbit	73 lbs./acre prior to weed germination.	

**BACK CONTINUED:**

36 lbs. product/acre or 0.84 lb./1,000 sq. ft. provides 1.5 lbs. active ingredient/acre and 0.25 lb. nitrogen/1,000 sq.ft.

3 lbs. product/acre or 0.99 lb./1,000 sq.ft. provides  
1.75 lbs. active ingredient/acre and 0.3 lb. of nitrogen/1,000 sq.ft.

49 lbs. product/acre or 1.12 lbs./1,000 sq.ft. provides  
2.0 lbs. active ingredient/acre and 0.34 lb. of nitrogen/1,000 sq.ft.

73 lbs. product/acre or 1.68 lbs./1,000 sq.ft. provides  
3.0 lbs. active ingredient/acre and 0.5 lb. nitrogen/1,000 sq.ft.

**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.

**Suggested Spreader Settings**

To provide proper distribution calibrate spreader before application  
18 1/3 lbs. (8.31 kg) treats 11,000 sq. ft. at the 73 lbs. product/acre rate  
18 1/3 lbs. (8.31 kg) treats 18,569 sq. ft. at the 43 lbs. product/acre rate

<b>SPREADER</b>	<b>GROUND OR PTO SPEED</b>	<b>WIDTH OF COVERAGE</b>	<b>36 lbs. of Product/A (1.5 # ai/A)</b>	<b>43 lbs. of Product/A (1.75 # ai/A)</b>	<b>49 lbs. of Product/A (2.0 # ai/A)</b>	<b>73 lbs. of Product/A (3.0 # ai/A)</b>
Scott Drop Type	3 mph	overlap wheels				
Gandy (30")	3 mph	overlap wheels				
Scott Rotaries*						
R-7, R-7X	3 mph	14 ft.				
R-8 (cone 7)	3 mph	14 ft.				
Lely Models**	4.5 mph	40 ft.				
Vicon	4.5 mph	42 ft.				

\* 1/4 slide

\*\* Lely models WTR, WFR, HR and 1250. PTO at 450 rpm.



9049

**BACK CONTINUED:**

**LIMITATION OF LIABILITY**

It must be understood that this product has not been evaluated 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 WHEN 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 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.