

538-206

11/28/1990

1099

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 28 1990

Vincent Snyder, Jr.  
Senior Technical Associate  
O.M. Scott & Sons Company  
14111 Scottslawn Road  
Marysville, Ohio 43041

Dear Mr. Snyder:

Subject: Fertilizer Plus Southern Weedgrass Control  
EPA Registration No. 538-206  
Re: Label Amendment  
Your Submission Dated November 9, 1990

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labels (Low & High End Range) are enclosed for your records.

Sincerely yours,

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

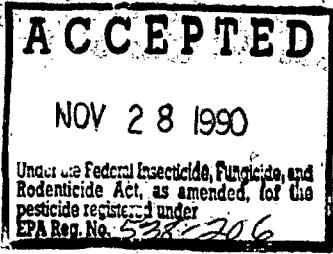
enclosures

CONCURRENCES

SYMBOL	H7505C						
SURNAME	Morrill						
DATE	11/27/90						

2099

(S-1526TR - 3 lb rate) (High End Range)  
PROTURF FERTILIZER PLUS SOUTHERN TURF  
WEEDGRASS CONTROL XXXXX  
07/16/85 JF 09/11/85 JF  
08/12/85 JF 09/17/85 JF  
08/27/85 JF 07/16/86 JF  
05/04/89 SC 06/28/89 SC  
08/10/90 SC



FRONT:

(Scotts(R))  
ProTurf(R)  
BRAND

High Density  
30-3-3  
Fertilizer Plus Southern Turf Weedgrass Control

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

Net Weight 18 1/3 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 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.

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 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\*

INERT INGREDIENTS:	4.14%
	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

30-3-3

Total nitrogen (N)	30%
0.6% ammoniacal nitrogen	
22.5% urea, methylene ureas nitrogen	
6.9% water insoluble nitrogen	
Available phosphoric acid (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 Nos 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

Marysville, Ohio 43041

(c) 1990 The O M Scott & Sons Company. All rights reserved.

Recommended for Use by Professional Turfgrass Managers

XXXXX

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

4089

GUSSETS:

RIGHT GUSSET

XXXXX

(Scotts(R))  
ProTurf(R)  
BRAND

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

LEFT GUSSET

Scotts(R)  
ProTurf(R)  
BRAND

30-3-3  
Fertilizer Plus  
Southern  
Turf Weedgrass Control

XXXXX

BACK:

30-3-3  
Fertilizer Plus Southern  
Turf Weedgrass Control

(Scotts(R))  
ProTurf(R)  
BRAND

30-3-3  
Fertilizer Plus Southern  
Turf Weedgrass Control

5049

Directions for use

LEFT COLUMN

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

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, tall fescue, fine fescue, bermudagrass, St. Augustinegrass, centipedegrass, bahiagrass, and zoysiagrass. See "Bermudagrass Precautions."

Not for use on dichondra, bentgrass or Poa annua (if it is desired species).

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.

Grassy Weeds

crabgrass  
foxtail  
goosegrass  
Poa annua  
barnyardgrass  
fall panicum

Dicot Weeds

chickweed  
oxalis  
prostrate spurge  
cudweed  
hop clover  
henbit  
eveningprimrose

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.

For best results, water after all applications (1/4 - 1/2 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.

BACK CONTINUED:

RIGHT COLUMN

6009

Bermudagrass Precautions

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 on 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.

Applications should not exceed 98 lbs/acre on cool season grasses and 147 lbs/acre on warm season grasses in one year.

Application to overseeded bermudagrass may injure and thin the cool season variety.

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.

Rates of Fertilizer  
Plus Southern  
Turf Weedgrass  
Control

Turfgrass Species	Weeds	43 lbs./acre prior to weed germination.	Comments
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	43 lbs./acre prior to weed germination.	
	goosegrass	43 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 43 lbs./acre.	
Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysia grass Centipede grass (183 lbs/acre rate or less) Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	43-73 lbs./acre prior to weed germination.	Apply a repeat application of 43-49 lbs./acre after 6-8 weeks for extended control or, where heavy weed infestations are expected.
		or	
		73 lbs./acre may be used prior to weed germination with a repeat application of 43 lbs./acre after 4 months where weeds germinate over an ex- tended period. (Do not use this high rate on centipede grass).	
	goosegrass	43-73 lbs./acre prior to weed germination.	Apply a repeat application of 43-49 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:

80f9

\* 43 lbs product/acre or 0.99 lbs/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

**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

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>43 lbs of Product/A (1.75 # ai/A)</u>	<u>49 lbs of Product/A (2.0 # ai/A)</u>	<u>73 lbs Product/A (3.0 # ai/A)</u>
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.



BACK CONTINUED:

9099

**LIMITATION OF LIABILITY**

It must be understood that this product has not been evaluated under all possible growing conditions. The user should exercise judgement 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 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.

1491R/1-8