

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT - 3 1989

Mr. Vincent Snyder, Jr.
Senior Technical Associate
O.M. Scott & Sons Company
14310 Scottslawn Road
Marysville, OH 43041

Dear Mr. Snyder:

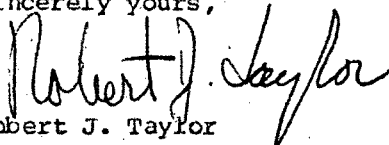
Subject: Fertilizer Plus Southern Turf Weedgrass Control
EPA Registration No. 538-206
Re: Request for Additional Brand Name
Your Letter Dated August 1, 1989

The registration file for the product named above has been amended to include the additional product name listed below. The labeling submitted in connection with the above request for an additional brand name is acceptable under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Please submit five (5) copies of your final printed labeling incorporating this amendment before you release the product for shipment. A stamped copy is enclosed for your records.

Additional Brand Name

Nitrogen/Potassium Fertilizer Plus Turf
Weedgrass Control

Sincerely yours,



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

Enclosure

56148:I:Morrill:T-12:KENCO:9/12/89:9/22/89:CT:SW:VO:CT

CONCURRENCES

SYMBOL	(H7505C)						
SURNAME	Morrill						
DATE	9/20/89						

(S-1648TR - 3 lb rate) (Low End Range)
PROTURF NITROGEN/POTASSIUM
FERTILIZER PLUS 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

FRONT:

(Scotts(R))
ProTurf(R)
BRAND

High Density
30-3-10
Nitrogen/Potassium Fertilizer Plus 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 132 lbs (59.87 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 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*	0.57%
INERT INGREDIENTS:	99.43%
Total	100.00%

EPA Reg. No. 538-206

EPA Est XXX-XX-X

Nitrogen/Potassium Fertilizer Plus Turf Weedgrass Control 30-3-10

Total nitrogen (N)	30%
0.6% ammoniacal nitrogen	
23.0% urea, methylene ureas nitrogen	
6.4% water insoluble nitrogen	
Available phosphoric acid (P ₂ O ₅)	3%
Soluble potash (K ₂ O)	10%

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
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Recommended for Use by Professional Turfgrass Managers

XXXXX

30-3-10
Nitrogen/Potassium
Fertilizer Plus
Turf Weedgrass Control

RIGHT GUSSET

XXXXX

(Scotts(R))
ProTurf(R)
BRAND

30-3-10
Nitrogen/Potassium
Fertilizer Plus
Turf Weedgrass Control

LEFT GUSSET

Scotts(R)
ProTurf(R)
BRAND

30-3-10
Nitrogen/Potassium
Fertilizer Plus
Turf Weedgrass Control

XXXXX

UNCL

30-3-10
Nitrogen/Potassium Fertilizer Plus
Turf Weedgrass Control

(Scotts(R))
ProTurf(R)
BRAND

30-3-10
Nitrogen/Potassium Fertilizer Plus
Turf Weedgrass Control

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

Dicot Weeds

- crabgrass
- foxtail
- goosegrass
- Poa annua
- barnyardgrass
- fall panicum

- 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:

6-7-9

RIGHT COLUMN

Bermudagrass Precautions

Do not apply to dormant bermudagrass (turf that is not actively growing or has experienced frost). However, an application can be made if the bermudagrass is maintained at a high cut (1/2 inch or more) on medium to 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.

Applications should not exceed 704 lbs/acre on cool season grasses and 1056 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.

Turfgrass Species	Weeds	Rates of Nitrogen Potassium Fertilizer Plus Turf Weedgrass Control	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	307 lbs./acre prior to weed germination.	
	goosegrass	307 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 307 lbs./acre.	
Warm Season Grasses Bermudagrass St. Augustinegrass Bahagrass Zoysiagrass Centipede (183 lbs/acre rate or less) Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	163-526 lbs./acre prior to weed germination. or 526 lbs./acre may be used prior to weed germination with a repeat application of 307 lbs./acre after 4 months where weeds germinate over an ex- tended period. (Do not use this high rate on centipede).	Apply a repeat application of 307-351 lbs./acre after 6-8 weeks for extended control or, where heavy weed infestations are expected.
	goosegrass	307-526 lbs./acre prior to weed germination.	Apply a repeat application of 307-351 lbs./acre in 6-8 weeks to control goosegrass if the lower rate was used initially.
	cudweed hop clover evening- primrose henbit	307 lbs./acre prior to weed germination.	

- * 307 lbs product/acre or 7.04 lbs/1,000 sq.ft. provides
1.75 lbs. active ingredient/acre and 0.3 lb of nitrogen/1,000 sq.ft.
- 351 lbs product/acre or 8.06 lbs/1,000 sq.ft. provides
2.0 lbs active ingredient/acre and 0.34 lb of nitrogen/1,000 sq.ft.
- 526 lbs product/acre or 12.08 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
132 lbs (59.87 kg) treats 11,000 sq. ft. at the 526 lbs product/acre rate
132 lbs. (59.87 kg) treats 14,000 sq. ft. at the 307 lbs product/acre rate

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>307 lbs of Product/A (1.75 # ai/A)</u>	<u>351 lbs of Product/A (2.0 # ai/A)</u>	<u>526 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:

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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.

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