



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

APR 20 1994

Vincent Snyder, Jr.
O.M. SCOTT 7 SONS CO.
14111 SCOTTS LAWN RD
MARYSVILLE, OH 43041

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 01/31/94 in Response to PR Notice 93-7
EPA Reg. No. 538-206
PROTURF FERTILIZER PLUS SOUTHERN TURF WEEDGRASS

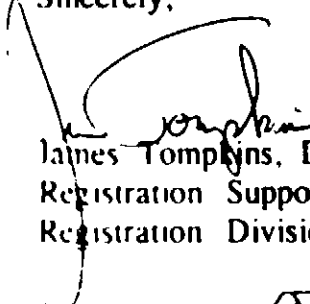
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

As required by section 6(f)(1) of FIFRA, (Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements), the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. and The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures



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

FRONT:

(S-1648TR - 3 lb rate) (Low End Range) ^{25F12}
PROTURF FERTILIZER PLUS SOUTHERN TURF
WEEDGRASS CONTROL XXXXX

ACCEPTED
with COMMENTS
In EPA Letter Dated
APR 20 1994

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

538-206

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	06/25/93 VS/cr
	12/01/93 VS/cr
	01/28/94 VS/cr

(Scotts(R))
ProTurf(R)
BRAND

POLY-S*(R)
TECHNOLOGY

30-3-10
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
 - *Scotts(R) Slow-release Polymer-encapsulated fertilizer

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 when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

BACK CONTINUED:

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

Fertilizer Plus Southern Turf Weedgrass Control

30-3-10

Guaranteed Analysis

Total nitrogen (N) 30%

0.6% ammoniacal nitrogen

23.0% urea, methylene ureas nitrogen

6.4% water insoluble nitrogen

Available phosphoric acid (P₂O₅) 3%

Soluble potash (K₂O) 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

14111 Scottslawn Road

Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

XXXXX

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

GUSSETS:

461 2

RIGHT GUSSET

XXXXX

(Scotts(R))
ProTurf(R)
BRAND

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

LEFT GUSSET

Scotts(R)
ProTurf(R)
BRAND

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

XXXXX

BACK:

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

(Scotts(R))
ProTurf(R)
BRAND

30-3-10
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, fine fescue, tall fescue, bermudagrass, St. Augustinegrass, centipedegrass, bahiagrass, and zoysiagrass. See "Bermudagrass Precautions."

Not for use on dichondra, bentgrass or Poa annua (if it is the 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.

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 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 Fertilizer Plus Southern 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 Centipedegrass (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. <u>or</u> 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 centipedegrass).	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 306-351 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

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
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-8A (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.

95
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 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/17-32

RANGE LABELS

105F12

FRONT:

(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 J	07/16/86 JF
05/04/89 SC	06/28/89 SC
08/10/90 SC	06/25/93 VS/cr
	12/01/93 VS/cr
	01/28/94 VS/cr

(Scotts(R))
 ProTurf(R)
 BRAND

POLY-S*(R)
 TECHNOLOGY

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
- *Scotts(R) Slow-release Polymer-encapsulated fertilizer

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*

4.14%

INER. 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 phosphoric acid (P₂O₅) 3%

Soluble potash (K₂O) 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

ProTurf Division, The O M Scott & Sons Company

14111 Scottslawn Road

Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

XXXXX

30-3-3
Fertilizer Plus
Southern
Turf Weedgrass Control

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:

1257.9

30-3-3
Fertilizer Plus Southern
Turf Weedgrass Control

(Scotts(R))
ProTurf(R)
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, 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:

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.

Turfgrass Species	Weeds	Rates of Fertilizer Plus Southern 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	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 Bahagrass Zoysiagrass Centipedegrass (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. <u>or</u> 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 centipedegrass).	Apply a repeat application of 43-49 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 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:

* 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

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

<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.

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.

NO PRODUCT SPECIFIC COMMENTS

BEST COPY AVAILABLE

BEST COPY AVAILABLE