



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. 538-241  
14-21-10 TURF STARTER PLUS PREEMERGENT WEED

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 When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted."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  
contains at least 50% recycled paper

10/10

MASTER LABEL

2.F10

TURF STARTER PLUS 8661  
PREEMERGENT WEED CONTROL  
06/26/90 sey 07/23/90 SC  
09/04/90 SC 09/11/90 SC  
09/14/90 CR  
12/17/90 CR  
02/16/93 VS/cr  
07/11/93 VS/cr  
01/28/94 VS/cr

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.

538-241

FRONT:

(Scotts(R))  
(ProTurf(R))  
BRAND

14-21-10

Turf Starter™ Plus Preemergent Weed Control

- provides preemergent control or suppression of crabgrass, Poa annua, (italics) goosegrass and foxtail during bermudagrass sprigging
- provides a feeding of complete fertilizer, high in phosphorus to encourage turf establishment

OPTIONAL FRONT PANEL CLAIMS

- provides preemergent control or suppression of crabgrass, Poa annua, goosegrass and foxtail
- provides a feeding of fertilizer
- Selective control of sprouting annual broadleaf weeds

Net Weight 55.0 lbs (25.00 kg)

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: WARNING. May be fatal if inhaled. Causes substantial but temporary eye injury. Wear goggles or safety glasses when applying this product. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing including long-sleeved shirt and gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Get medical attention if irritation persists.

FRONT CONTINUED:

(2 of 2)

Environmental Hazards: This pesticide is toxic to fish. Use with care when applying to areas adjacent to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water.

PROTURF(R) Turf Starter™ Plus Preemergent Weed Control

ACTIVE INGREDIENT:	3-[2,4 dichloro-5-(Methylethoxy)phenyl] 5-(1,1-dimethyl)-1,3,4-oxadiazol-2(3H)-one .	0.92%
INERT INGREDIENTS:	. . . . .	<u>99.08%</u>
	Total	100.00%

EPA Reg No 538-241

EPA Est 538-XXX

Turf Starter™ Plus Ronstar

Guaranteed Analysis (14-21-10)

Total nitrogen (N) . . . . .	14%
4.4% ammoniacal nitrogen	
9.6% urea nitrogen	
Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) . . . . .	21%
Soluble potash (K <sub>2</sub> O) . . . . .	10%
Sulfur (S) (free) . . . . .	1.40%

Derived from: Sulfur-coated urea, monoammonium phosphate and potassium chloride.

Chlorine, not more than . . . . . 10%

Product of USA

ProTurf Division  
The O.M. Scott & Sons Company  
Marysville, Ohio 43041

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14111 Scottslawn Road  
Marysville, Ohio 43041.

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For Sale to, Use and Storage by Professional Turf Maintenance Personnel only.  
Not for Use on Home Lawns

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8661

Turf Starter Plus Preemergent  
Weed Control

GUSSETS:

4.5

RIGHT GUSSET:

8661

(Scotts(R))  
(ProTurf(R))  
BRAND

14-21-10  
Turf Starter™  
Plus Preemergent  
Weed Control

LEFT GUSSET:

(Scotts(R))  
(ProTurf(R))  
BRAND

14-21-10  
Turf Starter™  
Plus Preemergent  
Weed Control

8661

(Packaging Calendar)

BACK:

14-21-10  
Turf Starter™ Plus Preemergent Weed Control  
8661

(Scotts®)  
(ProTurf®)  
BRAND

14-21-10  
Turf Starter™ Plus  
Preemergent Weed Control

#### Directions for use

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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 or sprigged bermudagrass and St Augustinegrass ornamental turf for preemergent control or suppression of sprouting:

crabgrass	yellow foxtail	<u>Poa annua</u> (italics)
goosegrass	green foxtail	

#### How to Use

Apply prior to or after sprigging or on established turf at 203 to 271 lbs of product per acre for suppression or control of listed annual grassy weeds.

After application of this product on newly sprigged bermudagrass and St Augustinegrass, wait until the grass has filled in and the stolons have rooted down before application of other PROTurf herbicide, combination fertilizer/herbicide or growth regulator products.

PROTurf fertilizers, fungicide and insecticides can be applied as needed.

#### When to Use

Use this product to control or suppress the listed annual grassy weeds when establishing new turf areas or when treating established turf that has been thinned from winter injury, insects, diseases or other factors.

#### Precautions

Avoid contact with flowers and shrubs.

This product should not be used on established putting greens and tees because of the varied cultural practices used.

Do not apply product to moist turfgrass foliage.

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BACK CONTINUED:

This product may cause discoloration of bermudagrass and St Augustinegrass. This discoloration is temporary and will normally be outgrown within 2 to 3 weeks.

Irrigate immediately after application for best results.

Seeding into treated areas should be delayed until 4 months after treatment.

### **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:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

### **IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise his judgement and caution when using the product under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED, CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. 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 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.

ProTurf Division  
The O.M. Scott & Sons Company  
Marysville, Ohio 43041

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## SUGGESTED SPREADER SETTINGS

To provide proper distribution calibrate spreader before application.

55.0 lbs. treats 11,000 ft<sup>2</sup> at the 220 lbs. product/acre - NORMAL RATE  
 55.0 lbs. treats 14,665 ft<sup>2</sup> at the 165 lbs. product/acre - LIGHT RATE

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>SPREADER SETTING</u>	
			<u>165</u> lbs. product/acre	<u>220</u> lbs. product/acre
Scotts Rotaries R-7*, R-7X*	3 mph	X ft	XX	XX
R-8A (cone 8)	3 mph	X ft	XX	XX
Lely Models (See below)	4.5 mph	X ft	XX	XX
Vicon	4.5 mph	XX ft	XX	XX

\*For the R-7X model, use adjustable pattern slide X/X closed.

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

OPTIONAL DIRECTIONS FOR COOL AND WARM SEASON SPECIES

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 bermudagrass, bluegrass, ryegrass, St Augustinegrass, tall fescue and zoysia turfgrasses for preemergent control or suppression of the following sprouting weeds:

Sprouting Grassy Weeds

Sprouting Dicot Weeds

carpetgrass      goosegrass  
crabgrass      Poa annua  
green foxtail      yellow foxtail

Florida pusley      stinging nettle  
oxalis      pigweed

How to Use

Provides control of sprouting annual grassy and dicot weeds in established turf, thus eliminating the development of large weed plants that smother the desirable turfgrasses.

Allow one week between the application of this and other control products. (This guideline can be relaxed where severe insect or disease attack requires immediate treatment).

After this product has been applied for two to three consecutive years and annual grassy weeds have been effectively controlled, further application should be withheld until need is established.

Prior to seeding or sprigging, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

Not for use on dichondra, centipedegrass, red fescue and bentgrass or Poa annua if it is the desired species.

Disturbance of the soil surface after application of this product will disrupt the herbicide barrier and reduce the effectiveness.

When to use

Crabgrass and Goosegrass Control: For preemergent control, apply 163 to 435 pounds per acre ((1.5 to 4 pounds of active ingredient) in early spring prior to weed seed germination. Applications made after March or April may not be fully effective. If the half rate is used (163 lbs. product/A), a repeat application of 163 lbs. of product in 6 to 10 weeks is recommended.

Annual Bluegrass Control: For preemergent control, apply 434.8 pounds per acre (4 pounds of active ingredient) in late summer to early fall or in early spring prior to seed germination.



Pigweed, Florida Pusley, Oxalis, Stinging Nettle, and Carpetgrass Control: For preemergent control of these weeds, apply 434.8 pounds per acre (4 pounds of active ingredient) in early spring prior to weed seed germination.

### Precautions

Avoid contact with flowers and shrubs.

This product should not be used on established putting greens and tees because of the varied cultural practices used.

Do not apply product to moist turfgrass foliage.

This product may cause discoloration of bermudagrass and St. Augustinegrass. This discoloration is temporary and will normally be outgrown within 2 to 3 weeks.

For St. Augustinegrass, do not exceed the rate of 326 lbs. per acre (3.0 lbs. of active ingredient) of this product.

Irrigate immediately after application for best results.

Seeding into treated areas should be delayed until 4 months after treatment.

### 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: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

## IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise his judgement and caution when using the product under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED, CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. 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 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.

Distributed by:  
ProTurf Division  
The O.M. Scott & Sons Company  
Marysville, Ohio 43041

## SUGGESTED SPREADER SETTINGS

To provide proper distribution calibrate spreader before application.

55.0 lbs. treats 14,698 ft<sup>2</sup> at the HALF RATE (0.56 lbs. N/M) 1.5 lbs. ai/A  
 55.0 lbs. treats 11,000 ft<sup>2</sup> at the LIGHT RATE (0.75 lbs. N/M) 2.0 lbs. ai/A  
 55.0 lbs. treats 6,600 ft<sup>2</sup> at the MEDIUM RATE (1.13 lbs. N/M) 3.0 lbs. ai/A  
 55.0 lbs. treats 5,507 ft<sup>2</sup> at the HEAVY RATE (1.50 lbs. N/M) 4.0 lbs. ai/A

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	SPREADER SETTING			
			lbs. product/acre			
			HALF RATE 163	LIGHT RATE 218	MEDIUM RATE 326	HEAVY RATE 435
Scotts Drop	3 mph	overlap wheels	X	X	X	X
Gandy (30")	3 mph	overlap wheels	X	X	X	X
Scotts Rotaries R-7*, R-7X*	3 mph	X ft	X	X	X	X
R-8A (cone X)	3 mph	X ft	X	X	X	X
Lely Models (See below)	4.5 mph	X ft	X	X	X	X
Vicon (Model 02)	4.5 mph	XX ft	X	X	X	X
Vicon (Model 03)	4.5 mph	XX ft	X	X	X	X

\*For the R-7X model, use adjustable pattern slide 1/4 closed.

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