



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
538-257

Date of Issuance:
SEP 3 1997

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Fertilizer Plus
Preemergent Weed
Control II

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Scotts Company
14310 Scottslawn Road
Marysville, OH 43041

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Submit data to satisfy the product chemistry data requirements outlined in 40 CFR §158.150 - 158.190. We acknowledge that you submitted data addressing these requirements with your April 29, 1997 application. These data are still under review. We will notify of the results of our review once it is completed.
3. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read "EPA Reg. No. 538-257".
 - a. Delete the phrase "if irritation persists" from the dermal statement of practical treatment.

Signature of Approving Official:
original signed by Joann Miller

Date:
SEP 3 1997

2012

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EPA Reg. No. 538-257

4. Submit one copy of the revised final printed label for the record 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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #6:538-ELT.REG

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	Sep 3, 1997							

3012

FRONT:

Fertilizer Plus Preemergent Weed Control II
Range registration label
3/25/97 VS

XX-XX-XX

Fertilizer Plus Preemergent Weed Control II

-
- Provides selective control of sprouting annual broadleaf weeds
 - Provides initial green-up
 - Provides preemergent control or suppression of crabgrass, *Poa Annua*, goosegrass, foxtail chickweed, oxalis, spurge and other annual grassy and broadleaf weeds.
 - Provides a feeding of fertilizer
 - Provides a light nitrogen feeding
 - Provides selective control of sprouting goosegrass, crabgrass, foxtail, *Poa annua*, and other sprouting annual grassy weeds.
 - Controlled-Release Poly-S® nitrogen provides uniform growth with extended feeding.
 - Poly-S Technology (Scotts slow release Polymer-encapsulated fertilizer)
 - Provides a feeding of nitrogen, phosphorous and potassium.
-

NET WEIGHT XXX lb.(XXX kg)

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Some components of this product may cause eye irritation

PRECAUTIONARY STATEMENTS **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING. Causes skin irritation. Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 3 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
538-257

FRONT Cont'd

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

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

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid Alcohol.

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. Use with care when applying in areas adjacent to any body of water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

ACTIVE INGREDIENT:

Oxadiazon: [2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ -1,3,4-oxadiazolin-5-one].....	0.20 - 2.0 %
Pendimethalin: N-(1-Ethylpropyl)-3,4 dimethyl-2,6 dinitrobenzenamine.....	0.20 - 4.0 %

INERT INGREDIENTS:	<u>94.0-99.6%</u>
Total	100.00%

EPA Reg. No. 538-XXX

EPA Est. No. 538-OH -1

Product of USA

Distributed by: ProTurf Division
The Scotts Company
1411 Scottslawn Road
Marysville, OH 43041

FRONT Cont'd

Guaranteed Analysis (XX-XX-XX)

Total Nitrogen (N).....	XX%
___% ammoniacal nitrogen	
___% urea, methylene ureas nitrogen**	
___% water insoluble nitrogen	
Available phosphoric acid (P ₂ O ₅).....	XX%
Soluble potash (K ₂ O).....	XX%
Sulfur (S) (free).....	XX%

Derived from: _____

Chlorine, not more than..... XX %

**Contains XX% slowly available nitrogen from methylenediurea and dimethylenetriureas nitrogen.

U. S. Patent Nos. 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 Road
 Marysville, OH 43041
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Not for Sale to or Use by Homeowners
 Recommended for Use by Professional Turfgrass Managers

XX-XX-XX
Fertilizer Plus Preemergent Weed Control II

XXXXX

GUSSETTS:

Right Gussett

XXXXXX

Scotts®
ProTurf®
BRAND

XX-XX-XX
Fertilizer Plus Preemergent
Weed Control II

Left Gussets:

Scotts®
ProTurf®
BRAND

XX-XX-XX
Fertilizer Plus Preemergent
Weed Control II

XXXXXX

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BACK PANEL

XX-XX-XX

Fertilizer Plus Preemergent
Weed Control II

(Scotts ®)

ProTurf®

BRAND

XX-XX-XX

Fertilizer Plus Preemergent
Weed Control II

Controls:

**Sprouting Grassy
Weeds (Monocots) ¹**

crabgrass, large
crabgrass, smooth
foxtail
goosegrass
Poa annua⊕
barnyardgrass
fall panicum
field sandbur
annual sedge

**Sprouting Broadleaf
Weeds (Dicots) ¹**

chickweed(common and
mouse-ear) ⊕
oxalis
purslane
knotweed
prostrate spurge

^{1/} See "How/When to Use" section for recommended application rates.

⊕ See *Poa annua* control section.

Directions for Use

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

For the selective control of sprouting annual grassy and broadleaf weeds in established ornamental turfgrass areas such as golf course fairways, roughs and tees, parks, cemeteries, athletic fields and non-residential lawns containing bermudagrass, buffalograss, seashore paspalum, St. Augustinegrass, tall fescue, zoysiagrass, Kentucky bluegrass, perennial ryegrass and blends of these grasses. See "Bermudagrass Precautions" statements.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Not for use on home lawns. Not for use on established bentgrass, *Poa annua*, fine fescue, bahiagrass, centipedegrass or blends of these grasses. Not for use on dichondra. Not for use bermudagrass putting greens, or similarly maintained areas

80412

Back cont'd

How/When to Use

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum, *Poa annua*, chickweed, oxalis, knotweed, purslane, and prostrate spurge, apply in the spring or fall before they sprout.

To prevent *Poa annua*, chickweed, and other fall germinating weeds, apply the product at the suggested rate in late summer-early fall before germination. Repeat treatment yearly for continued control. A repeat application after the *Poa annua* treatment in late summer to early fall should not be made until the following spring.

Turfgrass Species	Weeds	Rates of Product	Comments
<u>Cool Season Grasses</u>	crabgrass	XXX - XXX lbs./acre prior to weed germination.	In regions with an extended growing season (greater than 6 months) apply a repeat application 2 - 4 months later for continued weed control.
Kentucky bluegrass	goosegrass		
Perennial ryegrass	foxtail	(0.5 - 3.0 lbs. ai/Ac Pendimethalin)	
Tall fescue	<i>Poa annua</i>		
<u>Warm Season Grasses</u>	barnyardgrass	(0.5 - 4.0 lbs. ai/Ac Oxadiazon)	
Bermudagrass (Not for use on greens.)	fall panicum		
Buffalograss	field sandbur		
Seashore Paspalum	annual sedge		
St. Augustinegrass	oxalis		
Tall Fescue	prostrate spurge		
Zoysiagrass	purslane		
	knotweed		
	chickweed		

Apply the product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. Do not apply to moist turfgrass foliage. For best results, water after application (1/4-1/2 inch) to remove the granules from the foliage and to move the product to the soil surface. This is important to maximize product safety and efficacy.

To improve performance, do not mow the treated area until the product has been watered in and turf foliage has dried.

Do not destroy the chemical barrier by raking or aerifying.

Allow at least a 2-4 month span between any two applications.

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

Back cont'd

If the turf is starting to green up, water immediately after application to remove the granules from the foliage.

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

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

Precautions:

Applications of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply this product when the temperature is regularly above 80°F.

Do not apply this product to moist turfgrass foliage.

This product may cause discoloration to certain treated turfgrasses. This discoloration is temporary and will normally be outgrown within 2 to 3 weeks.

This product may cause discoloration and thinning where over-applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature- below 40°F, excessive soil moisture, scalping, etc.).

Where bermudagrass or other turfgrasses have been thinned (25% or more) due to winter damage, insects, disease, scalping, etc., an application should be withheld until filling-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

For established turfgrass areas where reseeding is necessary, delay the product application until after seeding and after the new grass seedlings have been mowed 4 times. This may be up to 3 months from the date of seeding. This product cannot be used on newly seeded turfgrass areas. Turfgrass areas must be established and the stand uniform, dense, and not in need of reseeding.

On newly sprigged bermudagrass or other vegetative planted turfgrasses wait until the new grass has filled in and the stolons have rooted down before application.

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

Germination of overseeded grasses may be reduced if seeded within 3 - 5 months of a spring application.

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BACK Cont'd

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.

Precautions for bermudagrass:

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.

Application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Where turf injury or thinning has occurred due to winter injury, wait until greenup, fill-in, and good rooting before making an application.

Other Precautions

This product does not control germinated or established weeds.

For turfgrasses, residual effectiveness requires a delay of 3-6 growing months after treatment before reseeding or winter overseeding. Five growing months are required before sprigging. (Growing months are generally considered March through November). For example, if applied in early March, wait until July before reseeding and until August before sprigging.

Do not apply more than a cumulative total of XXX - XXX lbs. product per acre per year (Oxadiazon, 1.0-8.0 lbs.ai/Ac/year; Pendimethalin, 1.0-6.0 lbs.ai/Ac/year) on cool season turfgrasses and XXX - XXX lbs. product per acre per year (Oxadiazon, 1.5-12.0 lbs.ai/Ac/year, Pendimethalin, 1.5-9.0 lbs.ai/Ac/year) on warm season turfgrasses.

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

BACK Cont'd

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.

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 judgment and caution when using the product under his growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESSED, 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 Scotts 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 Scotts Company.

ProTurf Division , The Scotts Company, Marysville, Ohio 43041

BACK Cont'd

Suggested Spreader Settings

To provide proper distribution calibrate spreader before application. Do not adjust rates in order to meet fertilizer requirements for your soil.

_____ lbs. treats _____ sq. ft. (1/2 acre) at the RECOMMENDED RATE.
_____ lbs. treats _____ sq. ft. (1/2 acre) at the HALF RATE and HALF WIDTH **

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>SPREADER SETTINGS</u>	
			<u>RECOMMENDED RATE (1X)</u>	<u>HALF RATE/ HALF WIDTH** (1/2X)</u>
Scotts Drop	3 mph	overlap wheels		
Gandy (30")	3 mph	overlap wheels		
Scotts Rotaries R-7, R-7X*	3 mph			
R-8 (cone)	3 mph			
Lely Models (see below)	4.5 mph			
Vicon	4.5 mph			

* Set pattern slide to _____ closed position.

**At the HALF RATE setting, apply at a swath width of _____ ft. for the Scott Rotary and _____ ft. for the Lely to achieve an overall RECOMMENDED RATE.

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