

538-213

06-20-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number: 538-213

Date of Issuance: JUN 20 2007

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product: Turf Fertilizer Plus Preemergent Weed Control

Name and Address of Registrant (include ZIP Code):

The Scotts Company
14111 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 reregistered in accordance with FIFRA sec. 4(g)(2)(C). Reregistration under this section of the Act does not eliminate the need for continual assessment of the registration of this product. Reregistration based on your response to the EPA Reregistration Eligibility Decision (RED) is conditional until you make the following label change:

- 1. Under the "First Aid" section in the "Ocular" statement add the word "Hold" so that the sentence reads: "Hold eye open and..."
2. Correct the spelling of "Precautionary" in the heading "PRECAUTIONARY STATEMENTS."
3. In the "Directions for Use" section of the labeling, add the following statement, "Maximum of two applications per year." (Per the Agency's January 5, 2005 letter)

Submit one copy of the revised final printed label for the record. 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.

Signature of Approving Official:

Vicki K. Williams for
James Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)

Date:

6/20/07

ProTurf Turf Fertilizer Plus Preemergent Weed Control
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AGREED
with COMMENTS
in EPA Letter Dated:
JUN 27 1987

XX-X-XX

Turf Fertilizer
Plus
Preemergent
Weed Control

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
538-213

- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- Provides a feeding of potassium
- provides quick green-up plus extended feeding with controlled release SREF nitrogen (slow release encapsulated fertilizer)
- Controlled release Poly-S*[®] nitrogen provides uniform growth with extended feeding
* A portion of the urea has been coated to provide 2.5% coated slow-release nitrogen.
- readily available potassium
- provides readily available iron
- provides a feeding of nitrogen and potassium
- provides a one-to-one feeding of nitrogen and potassium

Net Weight 50.00 lbs (XX.X kg)

ACTIVE INGREDIENT:

Pendimethalin† 0.86%

INERT INGREDIENTS: 99.14%

Total 100.00%

This product applies 50.0 lbs. treat 10,729 ft² (1/4 acre) at the 203 lbs product/acre rate (equivalent to 1.75 lbs active ingredient/acre)

†CAS #40487-42-1

EPA Reg. No. 538-213

EPA Est 538-OH-1

FIRST AID

If in eyes: eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice

If swallowed: A poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice

Have the product container or label with you when calling poison control center or doctor, or going for treatment.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

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Hazards to Humans and Domestic Animals: CAUTION, harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

FRONT PANEL CONT'D

Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

Personal Protective Equipment

Applicators and other handlers must wear: Long sleeved shirt and long pants, chemical resistant gloves, shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining personal protection equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash personal protection equipment separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Turf Fertilizer Plus Preemergent Weed Control XX-XX-XX 643-XXXX

Guaranteed Analysis

Total nitrogen (N).....XX%

 0.6% ammoniacal nitrogen

 22.9% urea, methylene ureas nitrogen

 6.5% water insoluble nitrogen

Available phosphate ((P₂O₅).....X%

Soluble potash (K₂O).....X%

Derived from: urea, methylene ureas, monoammonium phosphate and potassium sulfate

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-sc.com>

Product of USA

U.S. Patent 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

The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

RIGHT GUSSET

XXXX

(Scotts®)
Pro Turf®

XX-XX-XX
Turf Fertilizer
Plus Preemergent
Weed Control

LEFT GUSSET

XXXX

(Scotts®)
Pro Turf®

XX-XX-XX
Turf Fertilizer
Plus Preemergent
Weed Control

BACK:

Prevents sprouting of the following grassy and dicot weeds and provides [a feeding of potassium –OR a controlled-release nitrogen feeding]:

Grassy Weeds

crabgrass
foxtail
goosegrass
Poa annua
barnyardgrass
fall panicum

Dicot Weeds

chickweed
oxalis
knotweed
prostrate spurge
purslane
cudweed
hop clover
henbit
eveningprimrose

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Directions for use

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, waterproof gloves, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment areas during application. Do not enter treatment areas until dust has settled.

For use on established turfgrasses including bentgrass, bermudagrass, and *Poa annua* (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of the grasses. See "Bermudagrass, Bentgrass and *Poa annua* Precautions" and "Limitation of Liability" statements.

Not for use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended.

How/When to Use

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

To prevent *Poa annua* and fall germinating chickweed, apply product to dry foliage in late summer/early fall (before germination). Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should not be sooner than 4 months.

Where lower infestations are expected, the lighter rates may be used.

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Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application ($\frac{1}{4}$ - $\frac{1}{2}$ inch) to remove 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 as a segment to application. Allow at least a four month space between the applications except when repeat applications are necessary after 6-8 weeks.

Do not mow treated area until product has been watered in and turf foliage has dried.

Precautions

Do not use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended.

On cool season turfgrasses avoid applications when temperatures are regularly in the 80's.

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

Do not apply to dormant bentgrass and *Poa Annua* (turf that is not actively growing or has experienced frost).

When any preemergence herbicide is applied to dormant bermudagrass, green-up may be delayed 2 to 3 weeks in the spring. The delay in green-up may be extensive in low-cut bermudagrass and on sandy soils.

As with most other preemergence herbicides, application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply to bentgrass of *Poa annua* after late summer.

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.

Properties of All Dinitroaniline (DNA) Products

May cause temporary slowing of turf fill-in and stolon-rhizome rooting where turf has been thinned.

Requires a waiting period before seeding or sprigging.

Seeding or Sprigging Intervals after Treatment

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.

Treatment Interval after Seeding or Sprigging

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

Notes

ProTurf Turf Fertilizer Plus Preemergent Weed Control
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Do not apply more than a cumulative total of 349 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*

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.

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BACK CONTINUED

Turfgrass Species	Weeds	Rates	Comments
<u>Cool Season Grasses</u> Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	175-233 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 145-175 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	175-233 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 175-203 lbs./acre	
Bentgrass and established <i>Poa annua</i> (1/2 inch) height or taller. Not for use on greens and tees)	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	175 lbs./acre in the spring prior to weed germination	Apply a repeat application of 145-175 lbs./acre after 6-8 weeks where heavy infestations are expected
	goosegrass	175 lbs./acre in the spring prior to weed germination with a repeat application of 175 lbs./acre after 6-8 weeks.	

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BACK CONTINUED:

<u>Turfgrass Species</u>	<u>Weeds</u>	<u>Weed Control</u>	<u>Comments</u>
<p><u>Warm Season Grasses</u> Bermudagrass St. Augustinegrass Bahigrass Zoysiagrass Centipedegrass (401 lbs./acre rate or less) Tall fescue</p> <p>(Not for use on greens and tees)</p>	<p>crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostate spurge purslane knotweed chickweed</p>	<p>175-233 lbs./acre prior to weed germination.</p> <p style="text-align: center;"><u>OR</u></p> <p>(OPTIONAL WORDING)</p> <p>233 lbs./acre may be used prior to weed germination with a repeat application of 175 lbs./acre after 4 months where weeds germinate over an extended period. (Do not use this high rate on centipedegrass).</p>	<p>Apply a repeat application of 145-175 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.</p>
	<p>goosegrass cudweed hop clover evening-primrose henbit</p>	<p>175-233 lbs./acre prior to weed germination with a repeat application of 175-233 lbs./acre after 6-8 weeks.</p>	
<p><u>OR</u> (NOTE TO EPA - OPTIONAL WORDING)</p>			
	<p>goosegrass</p>	<p>175-233 lbs./acre prior to weed germination.</p>	<p>Apply a repeat application of 175-233 lbs./acre to extend control of goosegrass or if the lower rate was used initially.</p>
	<p>cudweed hop clover evening-primrose henbit</p>	<p>175-233 lbs./acre prior to weed germination</p>	<p>Apply a repeat application of 145-203 lbs./acre after 6-8 weeks if the lower rate was used initially.</p>

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BACK CONTINUED:

Suggested Spreader Settings

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

50.0 lbs. treat 10,729 ft² (1/4 acre) at the 203 lbs product/acre rate
(equivalent to 1.75 lbs active ingredient/acre and X lbs N/1,000 sq ft)

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>RECOMMENDED RATE RANGE</u>			
			<u>145</u>	<u>175</u>	<u>203</u>	<u>233</u>
Gandy - 30"	X mph	overlap wheels	X	X	X	X
Scotts Rotaries*						
R-7, R-7X	X mph	XX feet	X	X	X	X
R-8, R-8A (conc 8)	X mph	XX feet	X	X	X	X
Lely Model	X mph	XX feet	X	X	X	X
Vicon	X mph	XX feet	X	X	X	X

*Use discharge hole cover #13030 (already attached to the PT-10 and PT-11 models).
For the R-7X model use with adjustable pattern slide 1/4 closed.

Lely models WTR, WFR, HR and 1250. PT) at 1450 rpm.
Metric coverage: 34.36 kg treats 1022 m² at the 301 lbs product/acre rate

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties and *Poa annua* under all possible growing conditions. The user should exercise judgment 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 ON BENTGRASS AND POA ANNUA IF 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 Scotts Company or its affiliates, 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 Scotts Company.

The Scotts Company
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