

PM25

538-214

1/4

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
222941

Application for Pesticide - Section I

| | | |
|---|---|---|
| 1. Company/Product Number 538-214 | 2. EPA Product Manager Robert J. Taylor | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Fertilizer Plus Preemergent Weed Control | PM# 25 | |
| 5. Name and Address of Applicant (Include ZIP Code) The Scotts Company 14111 Scottslawn Road Marysville, Ohio 43041 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 10/22/93 |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: We have changed the company name on the label and in the Disclaimer and Limitation of Liability from "The O.M. Scott & Sons Company or any other seller to "The Scotts Company or its affiliates".

Section - III

| | | | | | |
|--|---|---|--------------------------------------|---|----------------------------------|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Metal | <input type="checkbox"/> Plastic |
| | | | | <input type="checkbox"/> Glass | <input type="checkbox"/> Paper |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. | No. per container | Other (Specify) _____ | |
| | | If "Yes" Package wgt | No. per container | | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product | | <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | <input type="checkbox"/> Other _____ | | |

Section - IV

| | | |
|---|--|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Vincent Snyder, Jr. | Title Senior Technical Associate | Telephone No. (Include Area Code) (513) 644-0011 |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | 6. Date Application Received (Stamped) |
| 2. Signature THE SCOTTS COMPANY By: <i>Vincent Snyder, Jr.</i> | 3. Title Senior Technical Associate | |
| 4. Typed Name Vincent Snyder, Jr. | 5. Date November 1, 1995 | |

ProTurf®

Scott's
ProTurf®

22-4-4
Fertilizer Plus
Preemergent
Weed Control



22-4-4 Fertilizer Plus Preemergent Weed Control

- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- provides quick green-up from soluble nitrogen

Net Weight 50 lbs. (22.68 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. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Personal Protective Equipment
Applicators and other handlers must wear: Long sleeved shirt and long pants, waterproof gloves, shoes plus socks.

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

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.

Environmental Hazards. This pesticide is toxic to fish. Do not apply directly to water, or 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 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 | 0.17% |
| 2,6-dinitrobenzamide | 0.13% |
| INERT INGREDIENTS: | Total 100.00% |

EPA Reg. No. 538-214 EPA Est. 8378 IN 1
Fertilizer plus Preemergent Weed Control 22-4-4 14.1

| Guaranteed Analysis | |
|--|-----|
| Total nitrogen (N) | 22% |
| 0.8% ammoniacal nitrogen | |
| 21.2% urea nitrogen | |
| Available phosphate (P ₂ O ₅) | 4% |
| Soluble potash (K ₂ O) | 4% |
| Derived from: urea, ammoniated phosphate and potassium chloride | 4% |
| Chlorine, not more than | 4% |
| Product of USA | |
| * Licensed under one or more of the following U.S. Patents 3,920,742; 4,066,441 | |

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The Scotts Company
14111 Scottslawn Rd
Marysville, OH 43041

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Recommended For Use By Professional Turfgrass Managers

ProTurf

ProTurf

Scott's

22-4-4 Fertilizer Plus Preemergent Weed Control

22-4-4 Fertilizer Plus Preemergent Weed Control



- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- provides quick green-up from soluble nitrogen

Net Weight 50 lbs. (22.68 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. In case of contact, immediately flush with copious amounts of water. Get medical attention if irritation persists. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Hazards to Fish and Aquatic Life: Apply only to other than fish, shellfish, long-nosed sturgeon, bay, panfish, whitefish, loach, shiner, and carp.

Follow the manufacturer's instructions for handling, storing, using, and disposing of this product. Use separate equipment for application and disposal of this product. Do not mix with other products.

User Safety Recommendations:

- Wash hands before eating, drinking, smoking, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove shoes, socks, and underwear immediately if pesticide gets inside. Wash them, separately, after handling this product. Wash the soles of shoes before removing. As soon as possible wash your face and clean clothing.

Do not use this product if the pesticide is toxic to fish. Do not apply directly to water or to areas where water is present or to adjacent areas. Do not apply to areas where water is present or to adjacent areas. Do not contaminate water when disposing of this product. Do not use of this product for control of weeds in water.

| | | |
|--------------------------|--|-------|
| ACTIVE INGREDIENT | Permethrin (Methylpropyl-3,4-dimethyl-2,6-dinitrobenzoate) | 0.1% |
| INERT INGREDIENTS | Total | 99.9% |

| | |
|--|---------------------|
| EPA Reg. No. 536-214 | EPA Est. 00178 IN-1 |
| Fertilizer Plus Preemergent Weed Control | 22-4-4 |

| | |
|--|-----|
| Guaranteed Analysis | |
| Total nitrogen (N) | 22% |
| 3.6% ammoniacal nitrogen | |
| 21.2% urea nitrogen | |
| Available phosphate (P ₂ O ₅) | 4% |
| Soluble potash (K ₂ O) | 4% |
| Contains iron, zinc, boron, and potassium chloride. | |
| Chlorine: not more than 4% | |
| Product of USA | |
| * Licensed under one or more of the following U.S. Patents | |
| 3,763,742; 4,576,441 | |

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Recommended For Use By Professional Turfgrass Managers



Scotts
Weed Control

4/4

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.

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, bentgrass and *Poa annua* (except putting greens and tees), bermudagrass, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. See "Bermudagrass, Bentgrass and *Poa annua* Precautions" and "Limitation of Liability" statement.

Not for use on bentgrass and *Poa annua* 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.

Prevents sprouting of the following grassy and dirt weeds and provides a controlled release nitrogen feeding.

| Grassy Weeds | Dirt Weeds |
|------------------|------------------|
| crabgrass | chickweed |
| foxtail | crabs |
| goosegrass | prostrate spurge |
| <i>Poa annua</i> | spotweed |
| barnyardgrass | |
| tall panicum | |

To prevent goosegrass, crabgrass, foxtail, barnyardgrass, tall panicum, crabs, spotweed and prostrate spurge, apply in the 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.

Northern (Cool Season) Grasses
Apply 3.3 to 4.54 lbs. of product per 1,000 sq. ft. (1.25 to 1.75 lbs. of active ingredient per acre) prior to germination of weeds. (See Suggested Spreader Settings.)

Southern (Warm Season) Grasses
Apply 4.0 to 5.3 lbs. of product per 1,000 sq. ft. (1.5 to 2.0 lbs. of active ingredient per acre) prior to germination of weeds. (See Suggested Spreader Settings.)

Where lower weed infestations are expected, the lighter rates may be used. For extended weed control, a repeat application is recommended.

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 applying.

Precautions
Do not use on bentgrass and *Poa annua* 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, scalding and excessive soil moisture).

Bermudagrass, bentgrass and *Poa annua* precautions

When applied to dormant bermudagrass, green-up may be delayed 2-3 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 green-up, fill-in and good rooting before making an application.

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

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

Other Precautions

Delay seeding by 4 months and springing 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 lifted in before making an application.

Applications should not exceed twice yearly.

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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a clean, dry place. Annual 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.

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 turf 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 affiliate, 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.

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14111 Scottstown Rd.
Marysville, OH 43041

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 lbs. treats 11,000 sq. ft. at the 4.54 lbs. product/1,000 sq. ft. rate (equivalent to 1.72 lbs. active ingredient/acre and 1.0 lb. N/1,000 sq. ft.)

| SPREADER | GROUND SPEED | WIDTH OF COVERAGE | 3.3 lbs product | 2.96 lbs product | 4.54 lbs product | 5.28 lbs product |
|---------------------------|--------------|--------------------|-----------------|------------------|------------------|------------------|
| | | | 1,000 sq. ft. | 1,000 sq. ft. | 1,000 sq. ft. | 1,000 sq. ft. |
| Quincy (30") | 3 mph | overlap adjusts | 20 | 22 | 23 | 24 |
| Scott's Master R-T, R-7X | 3 mph | 14 feet | G | H | I | J |
| R-8 R-8A (cone 7) | 3 mph | 14 feet | L | L 1/2 | M | N |
| Lily Models** (see below) | 4.5 mph | 40 feet | 5:1-21 | 5:2-41 | 6:3-41 | 7:1-21 |
| Vicon (Model 02) | 4.5 mph | 50 feet | 20 | 23 | 30 | 28 |
| (Model 03) | 4.5 mph | 36 feet | 25 | 27 | 30 | 10 |

* 1/4 slide
** Lily Models WTR, WFR, WR AND 1250, PTC @ 450 rpm.

PROFURF (WEED CONTROL)



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