



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

538-252

Date of Issuance:

JUL - 5 1995

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

High K Fertilizer
plus Prograss(r)

Name and Address of Registrant (include ZIP Code):

The O. M. Scott & Sons Company
14111 Scottslawn Road
Marysville, Ohio 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/reregistration 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. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 538-252".

Signature of Approving Official:

Date:

JUL 5 1995

EPA Form 8570-6

7505C
M. J. Saw
6/29/95

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3. Make the following changes in the Precautionary Statements section of the labeling:
 - a. Change the "eye" statement to read: **"Causes (moderate) eye irritation).**
4. A "Statement of Practical Treatment" is required for each route of exposure. They should be grouped in close proximity to the other precautionary statements; however, they should be set apart or distinguishable from other label text. Any of the following headings (Statement of Practical Treatment, Practical Treatment, or First Aid) are acceptable. These statements below must appear on the labeling:

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

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.
5. Please note that after we review the acutes, additional labeling revisions may be necessary.
6. 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.

Sincerely,

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

3011

RANGE LABEL

FRONT:

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 5 1995

High K Fertilizer Plus
Prograss® (S-XXXX) XXXX

4/18/95 VS/kl
6/14/95 VS

(Scotts®)

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended, for the pesticide
registered under EPA Reg. No.
538-252

Triaform™
Technology
[logo]

ProTurf
BRAND

XX-X-X
High K Fertilizer
Plus Prograss®

- suppresses and/or controls *Poa annua* growth in established perennial ryegrass, creeping bentgrass, turf-type tall fescue, Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways, tees and roughs, and creeping bentgrass greens
- can be used on dormant bermudagrass in the Fall when overseeding with perennial ryegrass to control/suppress *Poa annua*
- utilizes controlled-release nitrogen feeding from Scotts® Triaform™* Technology

*Scotts Patented Methylene Urea and Particle Formation Process

Net Weight 11.89 to 2631.46 lbs. (5.39 to 1193.52 kg)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Causes eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. If in eyes or on skin, flush with plenty of water. Get medical attention if irritation persists. 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 waterproof gloves, long-sleeved shirt, long pants, socks and shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

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FRONT CONTINUED:

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: 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 apply to steep slopes near water or when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters.

ACTIVE INGREDIENT:

Ethofumesate (2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate) 0.057 - 2.10%

INERT INGREDIENTS: 97.900 -99.943%

Total 100.000%

Guaranteed Analysis

Total nitrogen (N) XX%

X.X% ammoniacal nitrogen

XX.X% urea, methylene ureas nitrogen*

X.X% water insoluble nitrogen

Available phosphoric acid (P₂O₅) X%

Soluble potash (K₂O) X%

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

*Contains XX% slowly available methylenediurea and dimethylenetriurea nitrogen.

EPA Reg No 538-XXX

EPA Est No XXX-XX-X

US. Pat. No's 4,378,238 and 5,102,440

Product of U.S.A.

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FRONT CONTINUED:

Professional Business Group
The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

XXXXXX

XX-X-X
High K Fertilizer
Plus Progress®

GUSSETS:

RIGHT GUSSET:

XXXXXX

(Scotts®)
ProTurf®
BRAND

XX-X-X
High K Fertilizer
Plus Progress®

LEFT GUSSET:

(Scotts®)
ProTurf®
BRAND

XX-X-X
High K Fertilizer
Plus Progress®

XXXXXX

60711

BACK:

XX-X-X
High K Fertilizer
Plus Prograss®

XXXXXX

(Scotts®)
ProTurf®
BRAND

XX-X-X
High K Fertilizer
Plus Prograss®

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 Worker 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 12 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, water-proof gloves, and shoes plus socks.

For suppression and/or control of *Poa annua* in established perennial ryegrass, creeping bentgrass, turf-type tall fescue, Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways, tees and roughs, and creeping bentgrass greens. Can be used on dormant bermudagrass in the Fall when overseeding with perennial ryegrass. Repeat applications in a programmed approach will result in the gradual elimination of *Poa annua* as a major component of the turfgrass stand. Once the desired level of *Poa annua* is obtained, annual applications and appropriate management practices will help prevent *Poa annua* from reestablishing as a major management problem.

7/2/11

BACK CONTINUED:**Varietal Tolerances**

The following cultivars have shown tolerances to this product, however, all species and varieties have not been tested. Turf tolerance should be established on a small test area before large scale product application occurs.

Perennial Ryegrass

Acclaim, Blazer, Dasher, Derby, Elka, Fiesta, Goalie, Hunder, Linn, Loretta, Manhattan II, Palmer, Pennfine, Regal, Yorktown.

Kentucky Bluegrass

Adelphi, American, Aspen, Asset, Challenger, Classic, Enmundi, Huntsville, Georgetown, Glade, Haga, Lobi, Liberty, Merit, Midnight, Monopoly, Mystic, Parade, Rugby, Sydsport, Touchdown, P-104, BA-69-82.

Creeping Bentgrass

Carmen, National, Normarc 101, Penncross, Providence, Putter, Tamu 88-1, 88-CBE and 88-CBL. Penneagle has shown some tolerance.

Dormant Bermudagrass

Common, Tifgreen, Tifdwarf.

Program Scheduling

Poa annua control should begin in the Fall soon after the first frost and a repeat application made 21 to 28 days later. An early Spring application can be made on established ryegrass and creeping bentgrass turf areas that received Fall applications of this product.

On the West Coast, apply after temperatures have moderated and after Fall rains have begun.

Applications to newly established turf areas may be done 1 to 2 weeks after emergence of perennial ryegrass, 6 weeks after emergence of Kentucky bluegrass, and 3 to 4 weeks after creeping bentgrass. Extensive thatch may reduce product effectiveness. Do not apply straw or mulch until after product application.

How to use

Apply to dry foliage. For best results, water in (at least 1/4 inch) within 24 hours after application.

For long-term control in areas containing a high initial percentage of *Poa annua* contamination, repeat applications over a 2 to 3 year period may be required before the desired control level of *Poa annua* is achieved.

Moderate soil moisture conditions should be present before and after applications to achieve the best regulating effect (see precautions concerning saturated soil conditions). For best results, avoid applications during extreme soil temperature and moisture conditions.

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BACK CONTINUED:

Continue normal cultural practices after application. However, do not aerify and topdress greens for 3 to 4 weeks after application or 2 weeks prior to an application.

Additional Program Scheduling

High K Fertilizer Plus Prograss[®] can be used to reduce *Poa annua* populations to 30% or less. This product can be used in the Fall after Spring application of High K Fertilizer Plus Prograss[®].

If crabgrass or other annual weeds have been a problem in the past, an application of the appropriate preemergent control product should be made before using this product.

If a weed, disease or insect problem occurs after application, apply a recommended control product in the same manner as is normally practiced, since the use of this product is compatible with existing control products.

Collecting clippings and the use of lightweight equipment throughout the year will enhance the long-term performance of treatments.

PRECAUTIONS

Not for use on hybrid bermudagrass areas except for overseeding of dormant turf with creeping bentgrass or perennial ryegrass.

Not for use on zoysiagrass, Colonial bentgrass, and hard or fine fescue since these species are not tolerant to this product.

Not for use around shrubs, fruit trees, flowers or vegetable plants.

Heavy rainfall or irrigation after application in areas where the soil is already saturated may cause the active ingredient to move laterally on steep slopes and collect in low areas. This may cause undesirable turf injury. To avoid this response, do not apply when soil is already saturated. Poorly drained turf areas may also experience more injury, especially putting greens that drain poorly will experience some turf thinning.

Do not use spreader settings other than those recommended. Improper rates may cause undesirable turf growth control and areas may discolor temporarily.

Where large areas of the desirable turf have been thinned from winter damage, disease, or insects, withhold application until desired fill-in and rooting of the turf stand is achieved.

Use in areas containing greater than 30% *Poa annua* is not recommended since the extent of *Poa annua* removal may be unacceptable. Use of other cultural techniques are encouraged to lower the percentage of *Poa annua* below the 30% such as Scotts TGR *Poa annua* Control/High K Fertilizer Plus Prograss[®].

The low recommended rates should be used on areas with 20 to 30% *Poa annua* or when large patches of *Poa annua* are present.

7/2/11

BACK CONTINUED:

APPLICATION RATES

NORMAL RATE = 0.82(at 2.10%) to 60.41(at 0.057%) lbs. of product/1,000 sq. ft.
 (0.75 to 1.50 lbs. AI/acre)
 (X to X lbs. N/1,000 sq.ft.)

MEDIUM RATE = 0.41(at 2.10%) to 30.12(at 0.057%) lbs. of product/1,000 sq. ft.
 (0.375 to 0.75 lbs. AI/acre)
 (X to X lbs. N/1,000 sq. ft.)

LOW RATE = 0.273(at 2.10%) to 15.11(at 0.057%) lbs. of product/1,000 sq. ft.
 (0.25 to 0.375 lbs. AI/acre)
 (X to X lbs. N/1,000 sq. ft.)

ACTIVE INGREDIENT RATES PER ACRE:

	<u>NORMAL RATE</u>	<u>MEDIUM RATE</u>	<u>LOW RATE</u>
Ethofumesate	1.5 to 0.75 lbs.	0.75 to 0.375 lbs.	0.375 to 0.25 lbs.

<u>Turf Species</u>	<u>Timing</u>	<u>Rate</u>	<u>Interval (WKS)</u>
Ryegrass	2 to 3 Fall applications 1 Spring after 2 Fall applications	Normal	3 to 4
Kentucky bluegrass	2 to 3 Fall applications	Medium	3 to 4
Creeping bentgrass (including putting greens)	2 Fall applications 1 Spring application	Medium	3 to 4
Putting greens with 20 to 30% <i>Poa annua</i>	2 Fall applications 1 Spring application	Low	3 to 4
Turf-type tall fescue	2 to 3 Fall applications	Normal	3 to 4
Overseeded dormant bermudagrass	2 to 3 Fall applications	Low- Normal*	3 to 4

*Rate depends on species composition of overseeding.

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BACK CONTINUED:

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.

Professional Business Group
 The Scotts Company
 14111 Scottslawn Road
 Marysville, Ohio 43041

Recommended Spreader Settings

To provide proper distribution calibrate spreader before application

X lbs. treats X to X ft² (0.75 to 1.5 lbs. AI/acre) at the **LOW RATE**.
 X lbs. treats X to X ft² (0.75 to 0.375 lbs. AI/acre) at the **MEDIUM RATE**.
 X lbs. treats X to X ft² (0.375 to 0.25 lbs. AI/acre) at the **NORMAL RATE**.

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>SPREADER SETTINGS</u>		
			<u>LOW RATE</u>	<u>MEDIUM RATE</u>	<u>NORMAL RATE</u>
Scotts Rotaries ⁺ R-7*, R-7X*	3 mph	XX ft	X	X	X
R-8, R-8A, SR-1 (cone 7)	3 mph	XX ft.	X	X	X
Lely Models (see below)	4.5 mph	XX ft.	X	X	X
Vicon (Model 02)	4.5 mph	XX ft.	X	X	X
Vicon (Model 03)	4.5 mph	XX ft.	X	X	X

Lely Models WTR, WFR, HR and 1250. PTO at 450 RPM.

* Move slide to 1/4 closed position.

Metric Coverage: XX.XX kg treats XXXX m² at the **LOW RATE**, XX.XX kg treats XXXX m² at the **MEDIUM RATE**, XX.XX kg treats XXXX m² at the **NORMAL RATE**.

BACK CONTINUED:

LIMITATION OF LIABILITY

While a wide variety of tests have been conducted, it must be understood that this product has not been tested on greens of all bentgrass varieties 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 GREENS 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 any other Seller, for any and all losses, injuries and 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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