

Mr. Vincent Snyder, Jr.  
Senior Technical Associate  
The O.M. Scott & Sons Company  
14111 Scottslawn Road  
Marysville, Ohio 43041

Dear Mr. Snyder:

JUL 31 1991

Subject: Revised Labelings  
ProTurf FF II  
EPA Reg. No. 538-108  
ProTurf Systemic Fungicide  
EPA Reg. No. 538-88  
Your Submission Dated June 21, 1991

The labelings referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable subject to the comments listed below:

- 1) For ProTurf FF II, EPA Reg. No. 538-108, under Environmental Hazards, change the second sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark." Change the last sentence to "Do not contaminate water when disposing of equipment washwaters."
- 2) For ProTurf Systemic Fungicide, EPA Reg. No. 538-88, under Environmental Hazards, change the second sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Stamped copies of the labels are enclosed for your records. Five copies of the finished labels must be submitted prior to releasing the product for shipment.

Sincerely yours,

Susan T. Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosures

H7505C:B.MARANION:BM:7/26/91

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

298

(NOT EPA APPROVED)

FF II #8533  
05/21/84 RF 02/05/91 CR  
10/25/84 MJB 04/30/91 CR  
12/21/84 MJB 05/08/91 JB/CR  
01/11/85 MJB  
04/29/87 JF  
11/10/88 RH  
12/02/88 SC

FRONT:

(Scotts(R))  
ProTurf(R)  
BRAND

14-3-3  
FF II

- . prevents and controls turfgrass diseases
- . provides controlled release nitrogen feeding

Net Weight 35 lbs (15.88 kg)

LEFT COLUMN

KEEP OUT OF THE REACH OF CHILDREN  
CAUTION  
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Causes eye irritation. Avoid contact with eyes, clothing, and skin. During loading procedures wear the following protective clothing: gloves, long-sleeved shirt, long pants, socks and shoes. 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 food-stuffs. Do not graze treated areas. Do not feed clippings to livestock. Do not apply directly adjacent to potable water supplies.

Environmental Hazards: This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water or wetlands by cleaning of equipment or disposal of waste.

ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB) . . . . .	15.40%
INERT INGREDIENTS: . . . . .	84.60%
	Total 100.00%

ACCEPTED  
with COMMENT.  
in EPA Letter Dated

JUL 31 1991

Under the  
Fungicide,  
amended  
registered

538-108

RIGHT COLUMN

EPA Reg No 538-108  
ProTurf FF II 14-3-3

EPA Est 538-OH-1

643-8533

Guaranteed Analysis

Total nitrogen (N) . . . . .	14%
0.8% ammoniacal nitrogen	
8.5% urea, methylene ureas nitrogen	
4.7% water insoluble nitrogen	
Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) . . . . .	3%
Soluble potash (K <sub>2</sub> O) . . . . .	3%
Derived from monoammonium phosphate, urea, methylene ureas, muriate of potash	
Chlorine, not more than . . . . .	11%
Product of USA	

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Marysville, Ohio 43041  
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Recommended for Use by Professional Turfgrass Managers

8533

GUSSETS:

478

RIGHT GUSSET

8533

(Scotts(R))  
ProTurf(R)  
BRAND

14-3-3  
FF II

LEFT GUSSET

Scotts(R)  
ProTurf(R)  
BRAND

14-3-3  
FF II

8533

BACK:

8533

(Note: Number above will be inverted.)

598  
TO OPEN BAG  
PULL WHITE TAPE

(Scotts(R))  
ProTurf(R)  
BRAND

14-3-3  
FF II

### Directions for use

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#### LEFT COLUMN

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

For use only when both fertilizer and fungicide are required on Kentucky bluegrass, bentgrass fairways and putting greens, bluegrass-bentgrass mixtures, bluegrass-fine fescue mixtures, perennial ryegrass, tall fescue, bermudagrass, St Augustine, bahia and centipedegrass. (See limitations below for specific precautions.)

Do not adjust rates of application to meet fertilizer requirements for your soil.

For use on lawn and turfgrass areas only.

Fertilizes grass. Prevents and controls stripe smut, leaf spots, brown patch, dollar spot and snow mold (Typhula spp and Fusarium nivale) and controls rust.

#### Use on cool season grasses

To prevent or control leaf spots and dollar spot on bluegrass, bluegrass-fine fescue mixtures and perennial ryegrass: Apply at the RECOMMENDED RATE to dry foliage. For leaf spots treat in fall and early spring to prevent disease. For dollar spot apply when disease is usually expected. To control active disease apply as soon as symptoms are first noticed. Repeat the application in one month if disease activity persists. In California apply on bluegrass turf only.

To prevent snow mold on bluegrass, bluegrass blends with fine fescue or perennial ryegrass, bentgrass or bentgrass mixtures: Apply prior to the first heavy snow at the RECOMMENDED RATE. In areas where a snow cover is present the entire winter, use the DOUBLE RATE. On mixtures containing bentgrass and on putting greens and tees containing bentgrass, make only one application in the mid-fall through the early-winter period. In Washington, Oregon and California, for best results, apply to dry foliage at the RECOMMENDED RATE through the winter months. Wait at least 2 weeks between applications.

To prevent or control stripe smut on bluegrass and perennial ryegrass: Apply at the DOUBLE RATE. Treat in fall and spring to prevent stripe smut. To control active disease apply as soon as symptoms are first noticed. For severe infestations repeat in one month. In California, to prevent stripe smut apply at the DOUBLE RATE only on bluegrass turf in the fall through early spring. To control stripe smut apply at the DOUBLE RATE. For severe infestations repeat in one month. In California apply a total of no more than three applications per year.

To control rust on bluegrass and perennial ryegrass: Apply at the DOUBLE RATE at first signs of disease. For severe infestations repeat in one month.

**Use on warm season grasses**

To prevent leaf spots and dollar spot on bermudagrass: Apply at the RECOMMENDED RATE to dry foliage. For leaf spots treat in the fall and early spring. For dollar spot apply in late spring/summer when disease is usually expected.

To control leaf spots, dollar spot and rust on bermudagrass: Apply at the RECOMMENDED RATE at first signs of disease. Repeat the treatment in one month if disease activity persists.

**RIGHT COLUMN**

To prevent or control brown patch on St Augustine, bahia and centipede grasses: Apply at the DOUBLE RATE. Treat in early fall (September-October) and repeat in late winter or early spring to prevent brown patch. To control active disease apply as soon as symptoms are first noticed. Repeat the application in one month if disease activity persists.

To prevent or control brown patch on bermudagrass and tall fescue: Apply at the RECOMMENDED RATE during times of disease activity and when disease is expected to develop. Repeat monthly as needed.

**Use limitations**

Apply when foliage is dry. If temperature is 80°F or above, water lightly to wash granules off the foliage.

Use on bentgrass only from mid-fall through early winter.

Not for use on dichondra or stands of predominately fine fescue.

Do not use on bentgrass after early winter through the early fall period, except in Washington, Oregon and California.

Not for use on tall fescue during the warm summer months in the Southern U.S.

Not for use on bermudagrass in Florida, Southern Alabama, Southern Mississippi, Louisiana, Southern Texas and California.

Not for use on Poa annua where this turf is desired in the Southern part of the U.S.A.

Not for use on winter overseeded bermudagrass putting greens until seedlings are established.

In California, apply only on bluegrass and bentgrass turf. Treat bluegrass only in the fall through early spring and bentgrass only in mid-fall through early winter.

For most uniform application, use drop-type spreader except it is best to use a rotary spreader on putting green turf for snow mold prevention. Rotary spreader application should be made with extreme caution. Do not get product on operator or use on a windy day.

Very slight but temporary yellowing of the grass may occur following treatment. Cohansey bentgrass is more sensitive to PCNB than other bentgrass varieties.

Not for use on velvet bentgrass.

**STORAGE AND 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.

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**Suggested Spreader Settings**  
 to provide proper distribution calibrate spreader before application

35 lbs (15.88 kg) treats 11,000 ft<sup>2</sup> (1/4 acre/1022 m<sup>2</sup>) at RECOMMENDED RATE  
 35 lbs (15.88 kg) treats 5,500 ft<sup>2</sup> (1/8 acre/511 m<sup>2</sup>) at DOUBLE RATE

<u>SPREADER</u>	<u>PTO SPEED</u>	<u>COVERAGE</u>	<u>SPREADER SETTINGS</u>	
			<u>RECOMMENDED RATE</u>	<u>DOUBLE RATE</u>
Scotts (Drop Type)	3 mph	overlap wheels	6	8 1/2
Scotts Rotaries				
R-7, R-7X	3 mph	4 ft	D 1/2	G 1/2
R-8 (cone 9)	3 mph	4 ft	J	L 1/2
Lely (See Below)	4.5 mph	16 ft	4 1/2 IV	6 IV

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

## 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.