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DEC 1 1989

Mr. Vincent Snyder Jr.
O. M. Scott and Sons Company
14310 Scottslawn Road
Marysville, Ohio 43041

Dear Mr. Snyder:

Subject: Amended Labeling
ProTurf FF II
EPA Registration No. 538-108
Your Submission Dated January 14, 1989

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable when you comply with the following:

- At the next label printing change the last sentence under "Environmental Hazards" to read "Do not contaminate water or wetlands when disposing of equipment washwaters."

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

Sincerely yours,

Susan T. Lewis

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

Enclosure

H7505C:J.Fairfax:jf:12/1/89

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

8533



ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 01 1989

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

538-108



14-3-3 FF II

14-3-3 FF II

14-3-3 FF II



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

Net Weight 35 lbs (15.88 kg)

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 foodstuffs. Do not graze treated areas. Do not feed droppings 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%
EPA Reg No 538-108	EPA Est 538-OH-1	543-8533
ProTurf FF II 14-3-3	Guaranteed Analysis	
Total nitrogen (N)	14%	
4.7% water insoluble nitrogen		
Available phosphoric acid (P ₂ O ₅)	3%	
Soluble potash (K ₂ O)	3%	
Derived from monoammonium phosphate, urea, methylene urea, urea	11%	Product of USA
ness of potassium Chloride, not more than		
US Pat. Nos. 3,632,358 and 3,689,877		
ProTurf Division, The O M Scott & Sons Company		
Marysville, Ohio 43041		
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For Professional Use Only

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 01 1989

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

8898



14-3-3 FF II

10 GPM BAG
FULL 14-3-3

538-108

Directions for use

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, bermudagrass, bahiagrass and perennial ryegrass, bluegrass-bermudagrass mixtures, bluegrass-fine leaved fescue mixtures, perennial ryegrass, tall fescue, bermudagrass, St. Augustine, bahia and centipedegrass. (See label for specific precautions.) Do not exceed rates of application to meet fertilizer requirements for your soil.

For use on lawn and turfgrass areas only. Fertilizes grass. Prevents and corrects spring and fall spot, brown patch, dollar spot and snow mold (Typhula spp and Fusarium spp) and crown rust.

Use on cool season grasses

To prevent or control leaf spots and dollar spot on bluegrass, bluegrass-fine leaved fescue mixtures and perennial ryegrass: Apply at 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 leaved fescue mixtures, bermudagrass or bermudagrass 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 bermudagrass and on putting greens and tees containing bermudagrass, make one application in the mid-fall through the early winter period. In California apply on bluegrass and bermudagrass turf only.

To prevent or control stripe smut on bluegrass and perennial ryegrass: Apply at 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 DOUBLE RATE only on bluegrass turf in the fall through early spring. To control stripe smut apply at 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 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 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 RECOMMENDED RATE at first signs of disease. Repeat the treatment in one month if disease activity persists.

To prevent or control brown patch on St. Augustine, bahia and centipedegrass: Apply at 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 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° or above, water lightly to wash granules off the foliage.

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

Not for use on orchards or stands of predominantly fine leaved grass. Not for use on tall fescue during the warm summer months in the Southern US.

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

Not for use on Pinus spp where this turf is desired in the Southern part of the USA.

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

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

Once spreader application is performed, 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. Cynopsis bermudagrass is more sensitive to PCNB than other bermudagrass varieties.

Not for use on velvet bermudagrass.

Storage and disposal

STORAGE: Store in a clean, dry place. Re-seal opened bag by folding top down and securing.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue 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.

IMPORTANT NOTICE:

DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use based 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 PRACTICES. 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.

ProTurf Division, The O M Scott & Sons Company
Marysville, Ohio 43041

Suggested Spreader Settings

To provide proper distribution calibrate spreader before application.
35 lbs (15.88 kg) treats 11,000 ft² (1/4 acre/1022 m²) at RECOMMENDED RATE
35 lbs (15.88 kg) treats 5,500 ft² (1/4 acre/511 m²) at DOUBLE RATE

SPREADER	PTO SPEED	COVERAGE	SPREADER SETTINGS	
			RECOMMENDED RATE	DOUBLE RATE
Scotts (Drop Type)	3 mph	overlap wheels	8	8 1/2
Scotts Rotary				
R-7, R-7X	3 mph	4 ft	D 1/2	G 1/2
R-8 (cone B)	3 mph	4 ft	J	L 1/2
Lely-WTR & WTR Models	4.5 mph	16 ft	4 1/2 tr	6 tr
Lely-HR (PTO Model)	450 rpm @ 4.5 mph	16 ft	4 1/2 tr	6 tr

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