



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 13 1994

Vincent Snyder, Jr.
O. M. SCOTT & SONS CO.
14111 Scottslawn Road
Marysville, OH 430416

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submissions of 07/08/93 in Response to PR Notice 93-7
EPA Reg. No.: SEE ATTACHED 538-226

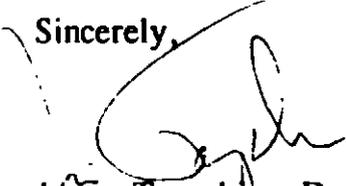
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 one the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements), the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

O. M. SCOTT & SONS CO.
538 07/08/93

Original Submissions

- PROFURF INSECTICIDE III - 538-111
- SCOTTS PROFURF NEW K-O-G WEED CONTROL - 538-112
- PROFURF FUNGICIDE VI - 538-159
- PROFURF FERTILIZER PLUS TURF WEEDGRASS CONTROL - 538-196
- PROFURF FLUID FUNGICIDE II - 538-203
- PROFURF FLUID FUNGICIDE III - 538-216
- FERTILIZER PLUS INSECTICIDE/PREEMERGENT WEED CONTROL - 538-226

(S-1978) 20-4-4 FERTILIZER PLUS INSECTICIDE
PREEMERGENT WEED CONTROL XXXXX
02/24/87 JF 04/30/87 JF
03/04/87 CR 05/11/87 JF
03/09/87 JF 06/01/87 JF
08/04/87 JF 08/10/87 CR
05/11/88 VS

301.7

06/29/93 VS/cr
01/28/94 VS/cr

20-4-4
Fertilizer Plus Insecticide/
Preemergent
Weed Control

XXXXX

(NOTE: The description above will be inverted.)

20-4-4
FERTILIZER
PLUS INSECTICIDE/
PREEMERGENT
WEED CONTROL

- o controls bluegrass billbug adult, armyworms, cutworms, chinch bugs, sod webworms (lawn moth larvae)
- o preemergent control of crabgrass, foxtail, oxalis, and suppression of spurge.
- o provides quick green-up plus extended feeding with controlled release nitrogen

ACCEPTED
with COMMENTS
In EPA Letter Dated

PR 13 1994

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

538-226

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. May be harmful if swallowed. Do not take internally. Avoid inhalation or contact with skin, eyes or clothing. In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly after handling. Do not wear contaminated clothing. Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is antidotal.

Environmental Hazards: This pesticide is extremely toxic to fish, birds and other wildlife. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENTS:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine*	0.68%
Chlorpyrifos, O,O-Diethyl O-(3,4,6-trichloro-2-pyridyl) phosphorothioate	0.45%

INERT INGREDIENTS:	98.87%
Total	100.00%

EPA Reg. No. 538-226	EPA Est 538-OH-1
Fertilizer Plus Insecticide/Preemergent Weed Control	20-4-4

Guaranteed Analysis

Total nitrogen (N)	20%
0.8% ammoniacal nitrogen	
14.2% urea nitrogen	
Available phosphoric acid (P ₂ O ₅)	4%
Soluble potash (K ₂ O)	4%

Derived from: urea, sulfur coated urea, monoammonium phosphate, and potassium chloride.

Product of USA

* Licensed under one or more of the following U.S. Patents: 3,920,742; 4,066,441

U.S. Patent No's 3,705,794 and 3,989,470

The O M Scott & Sons Company
14111 Scottslawn Road
Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

GUSSETS:

1557

RIGHT GUSSET

XXXXX

20-4-4
Fertilizer Plus Insecticide/
Preemergent
Weed Control

LEFT GUSSET

20-4-4
Fertilizer Plus
Insecticide/Preemergent
Weed Control

XXXXX

15

20-4-4
Fertilizer Plus Insecticide/
Preemergent
Weed Control

Directions for use

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for reasearch purposes.

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, bermudagrass (non-winter overseeded), St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. See "Bermudagrass Precautions" and "Limitation of Liability" statements.

Not for use on bentgrass and Poa annua where it is the desired species, or on dichondra.

Prevents sprouting of the following grassy and dicot weeds, controls damaging turf insects and provides a controlled-release nitrogen feeding:

Grassy Weeds

crabgrass
foxtail
barnyardgrass
fall panicum

Dicot Weeds

oxalis
prostrate spurge
(suppression)

Insects

bluegrass billbug adult
armyworms
cutworms
chinch bugs
sod webworms (lawn moth larvae)

To prevent crabgrass, foxtail, barnyardgrass, fall panicum, oxalis, and prostrate spurge, apply in the spring before they sprout.

For control of the insects and weeds listed, apply uniformly at 5.0 lbs. product/1,000 sq. ft.

At 5.0 lbs. of product per 1,000 sq. ft. this product supplies 1.5 lb. pendimethalin/acre, 1.0 lb chlorpyrifos/acre and X.X lb. of actual nitrogen per 1,000 sq. ft.

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

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 base of the plants. Do not destroy this chemical barrier by raking or aerifying after applying.

Precautions

Do not use on bentgrass and Poa annua where it is the desired species, or on dichondra.

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).

Bermudagrass Precautions

Do not apply to dormant bermudagrass (turf that is not actively growing or has experienced frost). However, an application can be made if it is maintained at a high cut (1/2 inch or more) on medium-fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of bermudagrass, wait until greenup, fill-in and good rooting before making an application.

Applications to overseeded bermudagrass may injure and thin the cool season varieties.

Other Precautions

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.

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

Applications should not exceed twice yearly.

Minimize application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

Do not contaminate feed, foodstuffs or water supplies. Do not graze treated areas. Do not feed clippings to livestock.

BACK CONTINUED:

80117

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.

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bermudagrass 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 BERMUDAGRASS 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 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 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 O M Scott & Sons Company.

The O M Scott & Sons Company
Marysville, Ohio 43041

C.

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 10,000 ft² (929 m²) at the 5.0 lbs product/1,000 sq ft rate
(equivalent to 1.5 lbs pendimethalin/acre, 1.0 lb chlorpyrifos/acre and
X.X lb 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>5.0 Lbs product/ 1,000 sq. ft.</u>	<u>5.84 Lbs product/ 1,000 sq. ft.</u>
Gandy - 30" Scotts Rotaries* R-7, R7X R-8, R-8A (cone 8) Lely Models Vicon				

*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. PTO at 450 rpm.

(NOTE: The description below will be inverted.)

XXXXX

20-4-4
Fertilizer Plus Insecticide/
Preemergent
Weed Control

RANGE LABELS

11.5.17

(S-1976) 31-3-3 FERTILIZER PLUS INSECTICIDE

PREEMERGENT WEED CONTROL XXXXX

02/24/87 JF 04/30/87 JF

03/04/87 CR 05/11/87 JF

03/09/87 JF 06/01/87 JF

08/04/87 JF 08/10/87 CR

05/11/88 VS

06/29/93 VS/cr

01/28/94 VS/cr

FRONT:

31-3-3

Fertilizer Plus Insecticide/

Preemergent

Weed Control

XXXXX

(NOTE: The description above will be inverted.)

31-3-3

FERTILIZER

PLUS INSECTICIDE/

PREEMERGENT

WEED CONTROL

- o controls bluegrass billbug adult, armyworms, cutworms, chinch bugs, sod webworms (lawn moth larvae)
- o preemergent control of crabgrass, foxtail, oxalis, and suppression of spurge.
- o provides quick green-up plus extended feeding with controlled release 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. May be harmful if swallowed. Do not take internally. Avoid inhalation or contact with skin, eyes or clothing. In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly after handling. Do not wear contaminated clothing. Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is antidotal.

Environmental Hazards: This pesticide is extremely toxic to fish, birds and other wildlife. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENTS:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl -2,6-dinitrobenzenamine*	2.13%
Chlorpyrifos, 0,0-Diethyl O-(3,4,6-trichloro-2- pyridyl) phosphorothioate	1.42%

INERT INGREDIENTS:	96.45%
Total	100.00%

EPA Reg. No. 538-226	EPA Est 538-OH-1
Fertilizer Plus Insecticide/Preemergent Weed Control	31-3-3

Guaranteed Analysis

Total nitrogen (N)	31%
0.6% ammoniacal nitrogen	
20.7% urea, methylene ureas nitrogen	
9.7% water insoluble nitrogen	
Available phosphoric acid (P ₂ O ₅)	3%
Soluble potash (K ₂ O)	3%
Derived from: urea, methylene ureas, ammoniated phosphate and potassium sulfate.	

Product of USA

* Licensed under one or more of the following U.S. Patents: 3,920,742; 4,066,441

U.S. Patent No's 3,705,794 and 3,989,470

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Recommended for Use by Professional Turfgrass Managers

GUSSETS:

207 7

RIGHT GUSSET

XXXXX

31-3-3
Fertilizer Plus Insecticide/
Preemergent
Weed Control

LEFT GUSSET

31-3-3
Fertilizer Plus
Insecticide/Preemergent
Weed Control

XXXXX

BACK:

14517

31-3-3
Fertilizer Plus Insecticide/
Preemergent
Weed Control

Directions for use

LEFT COLUMN

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For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, bermudagrass (non-winter overseeded), St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. See "Bermudagrass Precautions" and "Limitation of Liability" statements.

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armyworms
cutworms
chinch bugs
sod webworms (lawn moth
larvae)

To prevent crabgrass, foxtail, barnyardgrass, fall panicum, oxalis, and prostrate spurge, apply in the spring before they sprout.

For control of the insects and weeds listed, apply uniformly at 1.61 - 1.88 lbs. product/1,000 sq. ft.

At 1.61 lbs. of product per 1,000 sq. ft. this product supplies 1.5 lb. pendimethalin/acre, 1.0 lb chlorpyrifos/acre and X.X lb. of actual nitrogen per 1,000 sq. ft.

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LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bermudagrass 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 BERMUDAGRASS 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 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 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 O M Scott & Sons Company.

The O M Scott & Sons Company
Marysville, Ohio 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 31,000 ft² (2880 m²) at the 1.61 lbs product/1,000 sq ft rate

(equivalent to 1.5 lbs pendimethalin/acre, 1.0 lb chlorpyrifos/acre and
X.X lb 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>Lbs product/1,000 sq ft</u>	<u>Lbs product/1,000 sq ft</u>
			<u>1.61</u>	<u>1.88</u>

Gandy - 30"
 Scotts Rotaries*
 R-7, R7X
 R-8, R-8A
 (cone 8)
 Lely Models
 Vicon

*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.

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31-3-3
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 Preemergent
 Weed Control