

35512-29

4/5/2003

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUN 5 2003

Rebecca M Horton
Howard Fertilizer & Chemical Co. Inc.
P.O. Box 628202
Orlando, FL 32862-8202

Dear Ms. Horton:

Subject: Revised Master Label
Turf Pride with 0.5% Surflan Pre-emergence Herbicide
EPA Registration No. 35512-29
Your Submission Dated April 28, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Assure that when the labeling is printed that the appropriate telephone number is included in the First Aid section.

b. Assure that when labeling is printed that the Residential Use Disposal Statement appears only on product marketed for residential/homeowner application. Labeling intend for all other users must bear the Commercial Use Storage and Disposal Statements.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

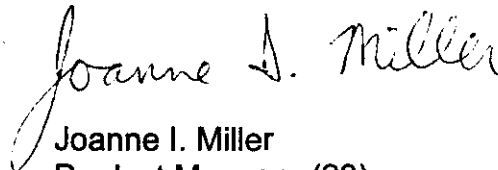
A stamped copy of the labeling is enclosed for your records.

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If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in cursive script that reads "Joanne I. Miller". The signature is written in black ink and is positioned above the typed name.

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

Enclosure

OTHER INGREDIENTS: Total 100.00 %
SURFLAN® is the Registered Trade Mark of the DowAgro Sciences for oryzalin.
TURF PRIDE® is a Registered Trade Mark of Howard Fertilizer & Chemical Co., Inc.

apply 50 lbs./5,500 sq. ft. of Lawn; (this is equal to 2.00 lbs herbicide per acre). Apply in the fall (as early as Mid September) or early winter at least one to two weeks prior to warm moist weather which is ideal for the germination of weed seeds. See Chart; (4).

KEEP OUT OF REACH OF CHILDREN
CAUTION
 SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

Have the product container or label with you. For details on first aid contact your doctor or poison control center. For more information call your doctor. You may also contact 1-800-354-6117 for more information.

• If in eyes:	• If swallowed:
• Flush eyes with water for 15 minutes. Hold eyelids open. Do not use eye drops. Call a person to help you if you cannot get water.	• Call a person to help you if you cannot get water.
• If swallowed:	• If on skin or clothing:
• Do not induce vomiting. Do not use emetics. Drink water. Call a person to help you if you cannot get water.	• Remove contaminated clothing and shoes. Wash skin with soap and water. Call a person to help you if you cannot get water.
• If on skin or clothing:	• If inhaled:
• Wash skin with soap and water. Call a person to help you if you cannot get water.	• Move to fresh air. If breathing is difficult, call a person to help you. Call a person to help you if you cannot get water.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
 CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. The granular formulation may cause skin sensitization reactions in some individuals. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin.
ENVIRONMENTAL HAZARDS
 This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwater. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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 uses as sod, or for commercial seed reproduction, or for research purposes. The specific application rate for this product is 50 lbs. per 5,500 to 7,300 sq.ft. with a minimum of 3 months between multiple applications. Apply no more than 3 applications (equiv. to 6 lbs. Oryzalin A.I.) per acre, per year.

STORAGE AND DISPOSAL
 Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store product in its original bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows.
[Commercial Use] PESTICIDE 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.
[Residential Use] DISPOSAL:
 If empty - Do not reuse this container. Place in trash or offer for recycling if available.
 If partly filled - Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

WHERE TO USE
 When applied according to directions this product can be used safely on the following established Southern Lawn, warm season turfgrass varieties: BAHIA-GRASS, BERMUDAGRASS, CENTIPEDEGRASS, ST. AUGUSTINEGRASS VARIETIES, TALL FESCUE VARIETIES, & ZOYSIAGRASS lawns and ornamental turf. It may be used for Home Lawns, Apartment and Condominium complexes, Park, Golf Courses, Athletic Fields, Cemeteries and all other ornamental and recreational turfgrass areas.

A BROAD SPECTRUM PRE-EMERGENT HERBICIDE + FERTILIZER FOR SOUTHERN LAWNS CONTROLS GRASSY WEEDS & BROADLEAF WEEDS
 This product gives excellent pre emergent control of GRASSY AND BROADLEAF WEEDS as listed. It contains SURFLAN® Herbicide (commonly known as Oryzalin) in a free flowing combination herbicide fertilizer product.
GRASSY WEEDS
 It should be applied to established turf for the control of ANNUAL BLUEGRASS (Poa Annua), BARNYARD GRASS, CRABGRASS (Large Crabgrass, Smooth Crabgrass), CROWFOOTGRASS, FOXTAILS (Bottlegrass, Bristlegrass, Giant Foxtail, Green Foxtail, Pigeongrass, Robust Foxtail, Yellow Foxtail), GOOSEGRASS (Silver Crabgrass), JOHNSON GRASS SEEDLINGS, RYEGRASS (Italian), and SANDBUR (field).
BROADLEAF WEEDS
 Will also control many Broadleaf Weeds: CARPETWEED, COMMON CHICKWEED, HENBIT, KNOTWEED, COMMON PURSLANE. The following weeds may be suppressed by applications of this product; COMMON GROUNDSEL, PROSTRATE SPURGE, YELLOW WOODSORREL.

SPRING ANNUAL WEEDS

For control of weeds as listed in late winter or spring apply 50 lbs. to cover 5,500 sq. ft. (equivalent to 2.0 lbs. herbicide per acre). Apply 1 to 2 weeks prior to the onset of conditions favorable for weed seed germination. See CHART; (No. 1).

SPLIT APPLICATIONS

FOR LONGER LASTING WEED CONTROL

FOR SPRING GERMINATING SUMMER ANNUAL GRASSES AND BROADLEAF WEEDS. A split application is desirable when the initial application is made well in advance of weed germination and where weed control is desired for a longer period of time: 6 TO 8 MONTHS. It is especially recommended where tall fescue is the dominant turfgrass species. Therefore apply at the rate of 50 lbs. to cover 7,300 sq. ft. (300 lbs./Acre) of turf area in the fall and the second application made at the same rate about 3 months following the initial applications. Example: (If applied on December 1, the second application should be made in the first week the following February.)

LATE SPRING / EARLY SUMMER ANNUAL WEEDS

Although classified as a summer annual grass, Goosegrass normally germinates 4 to 6 weeks later than the Crabgrass, Foxtails and other summer annual grass species. Certain Broadleaf weeds such as Prostrate and Spotted Spurge also may germinate "late". For best control of late germinating weeds this product should therefore be applied "later" than for early germinating weeds. See Chart; (2). Apply 50 lbs. to treat 5,500 sq. ft. (400 lbs./Acre) of turf in late spring or early summer one to two weeks prior to the expected weed seed germination.

POA ANNUA (ANNUAL BLUEGRASS)

Use 50 lbs./7,300 sq. ft. (300 lbs./Acre), applied in the fall before seed germinates. In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in very thin turfgrass areas. Proper fertilization, irrigation and soil incorporated seeding or sprigging will encourage existing and newly planted seeds and turf to fill in these areas. See Chart; (3).

RESEEDING THE TREATED AREA

Delay reseeding for 90 to 120 days after application. Increase the amount of seed by about 25%. Keep area moist to help seed germinate.

SPREADER	SPREADER SETTINGS	
	400 lbs./Acre 50 lbs./5,500 sq.ft	300 lbs./Acre 50 lbs./7,300 sq.ft.
CYCLONE B 50 lbs.	4 ½	3 ½
SCOTTS #35 50 lbs.	5	4

NOTE: Spreader rate varies with walking speed. Check spreader over known area. *See below.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....	variable%
Nitrate Nitrogen.....	variable%
Ammoniacal Nitrogen.....	variable%
Water Soluble Nitrogen.....	variable%
(and/or Urea Nitrogen)	
Water Insoluble Nitrogen.....	variable%
Available Phosphoric Acid (P ₂ O ₅)....	variable%
Soluble Potash (K ₂ O).....	variable%
Chlorine not more than.....	%

Derived from Ammonium Sulfate, Ammonium Phosphate, Sulfur Coated Urea, Sulfate of Potash. Statement of Secondary Plant Foods: Manganese as Mn -% Iron as Fe -% Derived from: Manganese Sulfate, Iron Monohydrate.

WHEN TO APPLY

APPROPRIATE TIMES TO APPLY THIS PRE EMERGENT HERBICIDE

JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1	1	1	1	1	1	1	1	1	1	1
							3				

- For CRABGRASS and other Grasses & Broadleaf Weeds germinating in Late winter & spring.
- For GOOSEGRASS and other Late Germinating and Broadleaf Weeds and grasses.
- For POA ANNUA in Southern Turf.
- For Fall Applications to control WINTER ANNUALS and for Split Applications to control SPRING GERMINATING SUMMER ANNUAL GRASSES and BROADLEAF WEEDS.

IMPORTANT PRECAUTIONS

DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur. DO NOT use on Dichondra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, until these turfs are well established, nor to Bentgrass or putting greens. Do not apply in spring to new turfgrass planted the previous fall.
DO NOT OVERDOSE OR "OVERLAP" THE APPLICATION.
 NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

EPA Reg. No. 35512-29 EPA EST. NO. 35512-FL-1
 NET WEIGHT 50 POUNDS (22.7kg)

HOWARD FERTILIZER & CHEMICAL CO., INC.
 P.O. BOX 628202 - ORLANDO, FL 32862-8202

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ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 5 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35512-29