

MAR 27 2000

Ms. Tina Lazenby
Pursell Industries, Inc.
1500 Urban Center Parkway, Suite 520
Birmingham, AL 35242

Dear Ms. Lazenby:

SUBJECT: Compliance with the Trifluralin RED
Vertagreen® For Professional Turf with Team®
EPA Registration Number: 8660-151
Revised Labeling Submitted March 20, 2000

The revised labeling for the subject product, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided you:

1. Correct the typographical error noted in the User Safety Recommendations section. In the second sentence of this section, please delete "PPE" so that the revised sentence reads: "Users should remove clothing immediately if pesticide gets inside."

A stamped copy of the labeling is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment.

EPA has determined that you have fulfilled the requirements of the trifluralin RED for the subject product. However, we are unable to reregister the product under FIFRA §4(g)(2)(c) at this time, since it also contains the active ingredient, benefin, for which a reregistration eligibility decision has not yet been made. You will be notified of the Agency's reregistration decision for products containing benefin when the benefin RED is completed.

Sincerely yours,



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

Enclosure

RD:STANTON:PM Team 23:Rm. 239:CM-2:305-5218:Disk #12:8660-151.RRE

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	Mar 27, 2000							

295

VERTAGREEN® FOR PROFESSIONAL TURF WITH TEAM®

ACTIVE INGREDIENTS:

Benefin: N-butyl-N-ethyl-a,a,a,-trifluoro-2,6-dinitro-p-toluidine..... 0.76%

Trifluralin: alpha,alpha,alpha-trifluoro-2,6-dinitro-N, N-dipropyl-p-toluidine 0.38%

OTHER INGREDIENTS: 98.86%

Total 100.00%

*TEAM® is the Registered Trademark Dow AgroSciences

KEEP OUT OF REACH OF CHILDREN
WARNING
See Back Panel for Additional Precautionary Statements

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 27 2000

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

8660-151

EPA Reg. No. 8660-151

EPA Est. 8660-AL-1

BACK PANEL

First Aid

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center doctor.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE) Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. 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 in manner, which will directly expose canals, lakes, streams, ponds, marshes, or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

GUARANTEED ANALYSIS

Total Nitrogen (N) XX.00%
Available Phosphoric Acid (P₂O₅) XX.00%
Soluble Potash (K₂O) XX.00%
Derived from:

WEEDS CONTROLLED AND WHEN TO APPLY

VertaGreen for Professional Turf with TEAM® is a pre-emergence herbicide, which is applied to established turfgrasses for the control of annual weeds such as Crabgrass, Poa Annua, Goosegrass, Foxtail, and Barnyardgrass. Apply this product before these annual weeds begin to germinate since it does not control established weeds. Contains a quality fertilizer to green your lawn in a few days and keep it green for 6 to 8 weeks.

FOR USE ON: Kentucky Bluegrass, Fescue, St. Augustine, Perennial Ryegrass, Zoysiagrass, Bahiagrass, Centipedegrass, and Bermudagrass in residential areas as well as Bentgrass Fairways. Residential areas include turfgrass residences, apartment complexes, condominiums, vacant lots or areas associated with households. This product will not harm most ornamental trees and shrubs when used as directed. Contains a high level of controlled-release nitrogen in order to moderate grass growth and to minimize certain diseases (such as Brown Patch and Fusarium Blight) which can be caused by immediate available excessive nitrogen fertilization.

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 research purposes.

APPLICATION RESTRICTIONS: 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.

ENTRY RESTRICTIONS: Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

RATES, FREQUENCY AND TIMING OF APPLICATION

IMPORTANT PRECAUTIONS IN USING THIS PRODUCT

1. **DO NOT** apply in the spring to Bermudagrass, which has been overseeded with winter grasses (annual rye) since thinning will occur.
2. **DO NOT** use on Dichondra nor to newly sprigged areas of Bermudagrass, St. Augustinegrass, or Centipedegrass, nor to Bentgrass or putting greens until these turfs are well established.
3. **DO NOT** apply in spring to turfgrass planted the previous fall. This product may thin established Annual Bluegrass (Poa Annua) and fine-leaved Fescue lawns when used at higher rates than 176 lbs. per acre. Do not overdose.

WHEN AND HOW TO TIME THE APPLICATION

Successful preemergence control of the annual grassy weeds on this label requires proper timing of application. This product must be applied one to two weeks prior to the germination of weed seeds. All summer annual weeds do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grassy weeds listed on this label, weed control results may be erratic or poor.

WATER THE LAWN AFTER APPLICATION:

It is not necessary, but optimum weed control performance will be obtained if treated areas are irrigated with 1/4 to 1/2-inch water soon after application. Any cultural practices that disturb the soil, such as verticutting, should be done prior to application of this product.

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SPRING GERMINATING SUMMER ANNUAL GRASSES: CRABGRASS, FOXTAILS AND BARNYARDGRASS.

A. Northern (cool season) turfgrasses

For preemergence control, apply 132 to 176 lbs. per acre (equal to 1.5 to 2 lbs. active ingredient per acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination. One 50-lb. bag will cover 12,300 to 16,500 sq. ft. Use for 12,300-sq. ft. where turf is completely overrun with weeds. Use for 16,500-sq. ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

B. Southern (warm season) turfgrasses

For preemergence control, apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. active ingredient per acre) in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination. One 50-lb. bag will cover 8,300 to 12,300 sq. ft. Use for 8,300-sq. ft. where turf is completely overrun by weeds. Use for 12,300-sq. ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

LATE SPRING, EARLY SUMMER GERMINATING ANNUAL GOOSEGRASS (SILVER CRAB)

Although classified as a summer annual grass, Goosegrass normally germinates 4 to 6 weeks later than Crabgrass, Foxtails and other summer annual grass species. Applications of this product should, therefore, be timed accordingly.

A. Northern (cool season) turfgrass

For preemergence control, apply 176 lbs. per acre (equal to 2 lbs. active ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination period of Goosegrass. Use 50 lbs. to cover 12,300 sq. ft.

B. Southern (warm season) turfgrass

For preemergence control, apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. active ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination of Goosegrass. Use one 50-lb. bag to cover 8,300 to 12,300 sq. ft. Use for 8,300-sq. ft. where turf is completely overrun by weeds. Use for 12,300-sq. ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

APPLY TWICE FOR FULL SEASON CONTROL IN NORTHERN AND SOUTHERN TURFGRASSES

In areas of the United States where preemergence control of both early germinating annual grasses (Crabgrass, Foxtails and Barnyardgrass) and the later germinating Goosegrass is desired. Two applications of this product at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

POA ANNUA (ANNUAL BLUEGRASS)

In areas of heavy infestation of Annual Bluegrass, its elimination will leave areas of thin turf. Employ proper cultural practices to establish a new turf.

A. Northern (cool season) turfgrasses

For preemergence control, apply 176 lbs. per acre (equal to 2 lbs. active ingredient per acre) of this product in late summer or early fall and again in late winter or spring one to two weeks prior to the expected germination of Annual Bluegrass. One 50-lb. bag will treat 12,300-sq. ft. of turfgrass.

B. Southern (warm season) turfgrasses

For preemergence control, apply 263 lbs. per acre (equal to 3 lbs. active ingredient per acre) of this product in the late summer or early fall one to two weeks prior to the expected germination of Poa annua. In southern areas of the United States where germination of Annual Bluegrass continues for extended periods of time, a second application at 263 lbs. per acre can be made 10 to 12 weeks after the initial treatment. One 50-lb. bag will treat and feed 8,300-sq. ft. of turfgrass.

RESEEDING TREATED AREAS

1. Delay reseeding: 6 weeks when applying at the rate of 132 or 176 lbs. of product per acre (equal to 1.5 to 2 lbs. active ingredient per acre or when using 50 lbs. to cover 12,300 to 16,500 sq. ft.).
2. Delay reseeding: 12 to 16 weeks when applying at the rate of 263 lbs. of product per acre (equal to 3 lbs. of active ingredient per acre or when using 50 lbs. to cover 8,300 sq. ft. of turfgrass).

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WHEN RESEEDING INCREASE THE AMOUNT OF SEED PUT DOWN BY 25%

The following spreader settings are for use with new equipment. Your spreader may need recalibrating since proper application is based on the spreader's conditions with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result form uneven or improper application

SPREADER SETTINGS	8,300 sq. ft.	12,300 sq. ft.	16,500 sq. ft
Spreader			
Republic Drop	XX	XX	XX
Ortho Drop	XX	XX	XX
Scotts Drop	XX	XX	XX

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

STORAGE: Store in original container only. In case of spill, contain material and dispose as wastes.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal

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.

HOUSEHOLD: Do not re-use empty bag. Wrap and put in trash.

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the label.

Net Wt. 50 lbs. (22.7 kg)

Manufactured by:

Pursell Industries, Inc
P O Box 540
Sylacauga, AL 35150

Date Printed: 03/20/00

Date Approved: 03/13/00

Supersedes:

Label Change: