

8660-149

3/3/2000

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MAR 3 2000

Purcell Industries, Inc.
 c/o Mr. H. R. McLane
 7210 Red Road, Suite 206
 Miami, FL 33143-5321

Dear Mr. McLane:

SUBJECT: Compliance with the Trifluralin RED
 Vertagreen® Lawn Food with Crabgrass Control
 EPA Registration Number: 8660-149
 Revised Labeling Submitted February 22, 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. Add the following statement after the FIRST AID statements:
 "Have the product container or label with you when calling a poison control center or doctor or going for treatment."
2. Add "long-sleeved shirt and long pants" to the required Personal Protective Equipment.
3. Move the Storage and Disposal section to a position near the beginning or end of the Directions for Use.
4. Change the heading "Application Instructions" to "Application Restrictions" as specified in the trifluralin RED. [We incorrectly asked you to specify "Application Instructions" in our December 9, 1999 letter and apologize for the error.]
5. Under the section "For "Spring Germinating" Annual Grasses: Crabgrass, Foxtail, Barnyardgrass", make the following revisions:
 - Revise the beginning of the first sentence of the directions for Northern Cool Season Lawns to read: "13 lbs. will cover 5,100 to 6,600 sq. ft. ..."
 - Revise the beginning of the first sentence of the directions for Southern Warm Season Lawns to read: "13 lbs. will cover 2,500 to 5,100 sq. ft. ..."

RD:STANTON:PM Team: 239:Rm. 239:CM-2:305-5213:Disk #12:8660-149.RRE

CONCURRENCES

SYMBOL ▶	7705C							
SURNAME ▶	S. Stanton							
DATE ▶	Mar 3, 2000							

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A stamped copy of the labeling is enclosed for your records. Please submit one copy of your final printed labeling incorporating these changes 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

FIRST AID - STATEMENTS OF PREVENTION:
IF IN EYES: - Hold eyelids open and rinse slowly and gently with water for 15 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 or doctor. **IF ON SKIN:** - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

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 the 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.

ENVIRONMENTAL HAZARDS

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



Personal Protective Equipment

Applicators and handlers must wear protective eyewear; (goggles or safety glasses), shoes plus socks, waterproof gloves.



User Safety recommendations

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

GENERAL INFORMATION

WEEDS CONTROLLED AND WHEN TO APPLY

VERTAGREEN® Lawn Food with Crabgrass Control 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 Barnyard grass. Apply this product before these annual weeds begin to germinate, because it does not control established weeds. Contains a quality turf fertilizer to green your lawn in a few days and to keep it green for 6 to 8 weeks when adequate water is available.

FOR USE ON: Kentucky Bluegrass, Fescue, St. Augustinegrass, Perennial Ryegrass, Zoysiagrass, Bahiagrass, Centipedegrass, Bermudagrass. 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 fertilizer.

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, 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-Leafed Fescue lawns when used at higher rates than 13 lbs. per 5,100 sq.ft. Do not overdose.

SPREADER SETTINGS

The following spreader settings are for use with new equipment. Your spreader may need recalibrating, consult your spreader manual. Proper application is based on equipment condition with regard to age and use, your walking speed, and the evenness of the terrain. Poor weed control will result from uneven or improper application.

SPREADER	13 lbs. to cover	2,500 sq. ft.	5,100 sq. ft.	6,600 sq. ft.
Republic (z-rotary)	xx	xx	xx	xx
Ortho Drop	xx	xx	xx	xx
Ortho Rotary	xx	xx	xx	xx
Scotts Drop	xx	xx	xx	xx
Scotts Easy Green	xx	xx	xx	xx

GUARANTEED FERTILIZER ANALYSIS

- Nitrogen (N) - - - - - Variable %
- Ammoniacal (N) - - - - - Variable %
- Urea (N) - - - - - Variable %
- Sulfur Coated Urea (N) - - - - - Variable %
- Phosphoric Acid (P₂O₅) - - - - - Variable %
- Soluble Potash K₂O - - - - - Variable %

Part of the Nitrogen in this product has been sulfur-coated to provide variable % slow release nitrogen. Chlorine (Cl) not more than variable % Primary Plant Food Sources: From Sulfur coated Urea, Urea, Muriate of Potash, Ammoniated Phosphate. Potential Acidity _____ lbs. Calcium Carbonate per ton.

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 use as this label directs or dispose of as waste. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag, discard bag in trash.

...of the normal germination period of any one of the annual grassy weeds listed on this label, weed control results may be erratic and 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.

FOR "SPRING GERMINATING"

ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS
A. Northern Cool Season Lawns - 13 lbs. will cover 5,100 sq.ft. applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. Use for 5,100 sq.ft. where turf is completely overrun by weeds, Use for 6,600 sq.ft. when weeds are sparse and the turf is in a yearly crabgrass control program.

B. Southern Warm Season Lawns - 13 lbs. will cover 5,100 sq.ft. in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. Use for 2,500 sq.ft. where turf is completely overrun by weeds, Use for 5,100 sq.ft. when weeds are sparse and the turf is in a yearly crabgrass control program.

FOR "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 the crabgrass, foxtails and other summer annual grass species. Applications of this product should therefore, be timed accordingly.

A. Northern Cool Season Lawns - 13 lbs. will cover 5,100 sq.ft. applied in late spring or early summer one to two weeks prior to the expected germination period of goosegrass.

B. Southern Warm Season Lawns - 13 lbs. will cover 2,500 to 5,100 sq.ft. applied in late spring or early summer one to two weeks, prior to the expected germination of goosegrass. Use for 2,500 sq.ft. where turf is completely overrun by weeds, Use for 5,100 sq.ft. when weeds are sparse and the turf is in a yearly crabgrass control program.

"APPLY TWICE FOR FULL SEASON CONTROL" IN NORTHERN AND SOUTHERN TURFGRASSES

For areas of the United States where preemergence control of both early germinating annual grasses (Crabgrass, Foxtail, and Barnyardgrass) and later germinating (Goosegrass) is desired, a second application 8 to 10 weeks following the first application may be made by applying this 13 lb. bag to cover 5,100 sq.ft.

POA ANNUA (ANNUAL BLUEGRASS) CONTROL.

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 - 13 lbs. treats 5,100 sq.ft. of turfgrass applied in late summer or early fall and again in late winter or spring one to two weeks prior to expected germination of annual bluegrass.

B. Southern Warm Season Turfgrasses - 13 lbs. treats 2,500 sq.ft. of turfgrass. applied in the later summer or early fall one to two weeks prior to expected germination of poa annua. In southern areas where germination continues for extended periods of time a second application at the same rate can be made 10 to 12 weeks after the initial treatment.

RESEEDING TREATED AREAS

1. Delay reseeding - 6 weeks when applying at the rate of 13 lb. bag to cover 5,100 to 6,600 sq.ft.
2. Delay reseeding - 12 to 16 weeks when applying at rate of 13 lb. bag to cover 2,500 sq.ft. of turfgrass. When reseeding increase the amount of seed put down by 15 to 25 percent.

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 this label. (8660-149emd .p85102-22-00)

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 3 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8660-149

EPA REG. NO. 8660-149 EPA EST. NO. 8660-AL-1

PURSELL INDUSTRIES, INC.
P. O. Box 540 - Sylacauga, AL 35150 U.S.A.