

8660-16

10/05/2000
OCT - 5 2000

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H. R. McLane
7210 Red Road, Suite 206
Miami, FL 33143-5321
Dear Ms. Jackson:

SUBJECT: 8-Month Response to Oryzalin RED
Sta-Green "C-G" Preventer plus Fertilizer
EPA Registration No. 8660-16
Your Application Dated November 18, 1999

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 with the following provisions:

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

EPA has determined that you have fulfilled the labeling and product specific data requirements of the oryzalin RED. However, we cannot reregister this product at this time for the following reason:

- o The subject product is registered for us on turfgrass, a use for which the Agency does not have sufficient information to make a reregistration eligibility decision. Once the required data (foliar dislodgeable residues/guideline 132-1a; soil dislodgeable residues/guideline 132-1b; estimation of dermal exposure/guideline 133-3; and estimation of inhalation exposure/guideline 133-4) have been reviewed by the Agency, EPA will make a reregistration eligibility decision for the turfgrass use.

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	J. Miller							
DATE	10/5/00							

Sta-Green "C-G" Preventer Plus, with Fertilizer

For Control of Crabgrass, Goosegrass, Barnyardgrass and Foxtail in Established Southern Lawns such as: Bahia, Bermudagrass, Centipedegrass, St. Augustine Grass (all varieties), Zoysiagrass growing in ornamental & recreational areas, in Home, Apartment & Condominium Lawns, Parks, Golf Courses, Athletic Fields, Cemeteries.

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ACTIVE INGREDIENTS:

N-butyl-N-ethyl, alpha, alpha, trifluoro-2,6-dinitro-p-toluidine	0.86%
Oryzalin: 3, 5-dinitro-N4, N4-dipropylsulfanilamide	0.86%
OTHER INGREDIENTS:	98.28%
Total	100.00%



EPA REG. NO. 8660-16 EPA EST. NO. 8660-AL-1
NET WEIGHT 50 POUNDS

KEEP OUT OF REACH OF CHILDREN CAUTION

Some product components may cause eye irritation

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, socks and shoes. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling.



FIRST AID and Statements of Practical Treatment

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply this product directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store in original container only. In case of leak or spill, contain material and dispose of waste. **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.

General Information

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Keep all persons, children and pets out of treated area until product has settled to soil and grass is dry.

APPLICATION INSTRUCTIONS

The specific application rate for this product is 50 lbs. per 12,500 sq.ft. with a minimum of 3 months between multiple applications. Apply no more than 4 applications v. to 6 lbs. Oryzalin A.I. per acre, per year.

WHERE AND HOW TO USE

When applied according to directions this product can be used safely on the following established Southern Lawn, Warm Season Turfgrasses: **BAHIAGRASS, BERMUDAGRASS, CENTIPEDEGRASS, ST. AUGUSTINE GRASS varieties, TALL FESCUE, and ZOYSIAGRASS.** It may be used for Home, Apartment, and Condominium Lawns, Parks, Golf Courses, Athletic Fields, Cemeteries, and all other ornamental and recreational turfgrass areas. Will not harm most nearby ornamental trees and shrubs when used as directed.

WILL CONTROL THE FOLLOWING GRASSY WEEDS

Apply to established turf for the control of Barnyardgrass (Watergrass), Foxtail (Green and Yellow), and annual Bluegrass (Poa Annua) Provides the lawn with nutrients needed for robust growth.

FOR BEST RESULTS APPLY AT THE PROPER TIME

This Product will not control weeds that have already emerged and are growing. Successful pre-emergence control of the annual grassy weeds requires proper timing. The herbicide must be applied 1 to 2 weeks prior to the germination of the weed seeds. All summer annual weeds do not germinate at the same time.

APPLY TWICE FOR FULL SEASON CONTROL

In areas where preemergence control of both early germinating annual grasses (Crabgrass, Foxtail, and Barnyardgrass) and the later germinating Goosegrass is desired, two applications of the product at the recommended rate, spaced 3 months apart may be made to provide full season long weed control. Best results will be obtained if treated areas are irrigated with 1/4 to 1/2 inch water soon after application. Cultural practices that disturb the soil such as verticutting should be done prior to treatment.

SPRING GERMINATING GRASSES: CRABGRASS, FOXTAIL BARNYARDGRASS

Use 50 lbs. to treat 12,500 to 19,000 sq.ft. of turf (equal to 2.0 to 3.0 lbs. actual herbicide per acre). Use for 12,500 sq.ft. where weed germination is expected to be heavy and for 19,000 sq.ft. when weed germination is expected to be normal and turf is in an annual weed control program. (continued on next panel).

LATE SPRING-EARLY SUMMER GERMINATING GOOSEGRASS (SILVER CRABGRASS)

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 the product should therefore be applied later.

Use 50 lbs. to treat 12,500 to 19,000 sq.ft. of turf (equal to 2.0 to 3.0 lbs. actual herbicide per acre). Use for 12,500 sq.ft. where weed germination is expected to be heavy and for 19,000 sq.ft. when weed germination is expected to be normal and turf is in an annual weed control program.

POA ANNUA (ANNUAL BLUEGRASS) CONTROL

50 lbs. will weed and feed 12,500 Sq. Ft.

For control of "Poa" growing in southern warm season turfgrasses apply 174 lbs. per acre (1 x 50 lb. bag/12,500 sq.ft. is equal to 3 lbs. a.i. per acre) in the later summer or early fall, one to two weeks prior to expected germination of poa annua. In areas where germination continues for extended periods of time. A second application at 174 lbs. per acre can be made 3 months after the initial treatment for season long control. When annual bluegrass has completely overrun a lawn, the vacant "dead spots" resulting from the herbicide action will need special attention to establish new grass. Employ all proper cultural practices to get the new turf started.

TO RESEED TREATED AREAS

Delay reseeding - 6 weeks when using 50 lbs./19,000 sq.ft. (117 lbs./acre).

- 12 to 16 weeks when using 50 lbs./12,500 sq.ft. (174 lbs./acre).

When reseeding increase the amount of seed put crown by 25%.

FOR BEST RESULTS APPLY AT THE APPROPRIATE TIME											
APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE											
JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT	NOV.	DEC.
		1									
			2								
										3	

1. For Crabgrass, Foxtails and Barnyardgrass. 2. For Goosegrass-Southern Turf. 3. For Poa Annua in Southern Turf. *Apply 1 to 2 weeks before weed seed germination at your locale. **Two applications may be needed during this period to give maximum control.

PRECAUTIONS WHEN APPLIED

This product may thin established Annual Bluegrass Turf and Fine-Bladed Fescue lawns when used at a rate above 117 lbs. per acre. (50 lbs./19,000 sq.ft.). It should not be used on areas planted the previous fall that have not become well established, nor should it be used during the same spring as establishment occurs. In Bermudagrass areas that have been overseeded with winter grasses, a spring application may thin the overseeded grasses. Do not use on Dichondra. Do not use on newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipedegrass until these turfs are well established.

SPREADER SETTINGS

SPREADER	2.00 LBS. A.I.		3.00 LBS. A.I.	
	PER ACRE		PER ACRE	
SPYKER PRO	3.7-3.9	4.0-4.2		
SCOTTS R7X	G-H	H-1		
LESCO B'CAST	G-H	H-1		
PRIZE CB-85	4.2-4.4	4.5-4.7		
CBT-85	4.2-4.4	4.5-4.7		
CYCLONE PRO	3.7-3.9	4.0-4.2		
LELY B'CAST	2.6-2.8	2.9-3.1		
50 lbs. to treat 19,000sq.ft. = 117 lbs. per acre @ 2.00 lbs. A.I./Acre				
50 lbs. to treat 12,500 sq.ft. = 174 lbs. per acre @ 3.00 lbs. A.I./Acre				

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	variable %
Ammoniacal Nitrogen	
Water Soluble Organic Nitrogen (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 Monosulfate

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.
Distributor Service 205-963-6047/16anc-zms P650yz red vsn11-17-99)

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT - 5 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8660-16

