

BEST AVAILABLE COPY

APR 8 1997

Mr. Dan Pennington, President
* Mr. H. R. McLane
Authorized Agent
GRO TEC, Inc
P.O. Box 290
Madison, GA 30650

Dear Mr. Pennington:

Subject: Crabgrass Preventer 275 with Fertilizer
EPA Registration No. 59144-17
Application Dated September 6, 1996, Request To
Amend Labeling, Bag Sizes: 18 lbs. and 54 lbs.
and Application Dosages for 157 lbs. and
314 lbs. Product; Revised Label Rates and
Modifications of Overseeding Intervals

The proposed amendments to the labeling of the
subject pesticide product have been reviewed and found
acceptable under the Federal Insecticide, Fungicide and
Rodenticide Act (FIFRA) as amended, provided that you:

1. Submit one (1) printed copy of the final label
before releasing the product for shipment,
under the subject labeling.
2. Submit a revised Confidential Statement of Formula (CFS)
to reflect the name of the current supplier of
prodiamine and the current EPA Registration No.
of the product used in the manufacture of the subject
product. The revised CFS must be submitted on EPA
Form 8570-4.

If these conditions are not complied with, the registration
will be subject to cancellation in accordance with FIFRA,
Section 6(e). Your release for shipment of the product
constitutes acceptance of these conditions.

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

Sincerely yours,

Joanne I. Miller

CONCURRENCES Product Manager (23)

SYMBOL					Fungicide-Herbicide Branch
SURNAME	Enclosure				Registration Division (7503C)
DATE					



293
Bag Front Panel

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 8 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59144-17

CRABGRASS PREVENTER 275 with FERTILIZER

For Selective Preemergence
Control of Crabgrass and
Broadleaf Weeds
in Established Turf Grasses

Contains 0.275% **Barricade®** Preemergence
Herbicide

18 lb. Bag treats 5,000 sq.ft. - 54 Pounds Treats 15,000 Sq. Ft.

ACTIVE INGREDIENT:

Proflaminate [N²,N³-Di-n-propyl-2,4-dinitro-6-
(trifluoromethyl)-m-phenylenediamine] - 0.275%

INERT INGREDIENTS: - - - - - 99.725%

Total 100.000%



KEEP OUT OF REACH OF CHILDREN
CAUTION

See Rear Panel for Additional Precautionary Statements.
Barricade® is a registered Trademark of Sandoz, Ltd.
EPA Reg. No. 59144-17 EPA Est. No.59144-GA-1

New Weight 18; (54) Pounds

GRO TEC, INC. P.O. Box 290 - Madison, GA 30650 U.S.A.

(17-L&G) pro5 basic label accpt'd 12-15-92(rev.10-23-90)

Bag Back Panel

CRABGRASS PREVENTER 275 with FERTILIZER

Contains 0.275% **Barricade**® Preemergence Herbicide

For Selective Preemergence Control of Crabgrass and Broadleaf Weeds in Established Turf Grasses



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and DOMESTIC ANIMALS

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

Statements of Practical Treatment

If In Eyes: Flush thoroughly with water for several minutes. Get medical attention if irritation persists. If Inhaled: Remove victim to fresh air. If on Skin: Wash with soap and water. Rinse thoroughly. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container away from other fertilizer, feed and foodstuffs, and separated from other pesticides. **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:** Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or at an incineration facility, or if allowed by State or local authorities, by burning. If burned stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a turf fertilizer and a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in turf grasses. It controls susceptible weeds by inhibiting weed seeds germination and root development. For most effective weed control it must be incorporated by 1/2 inch of rainfall, irrigation, or shallow mechanical incorporation. Incorporation should take place as soon as possible after application and should not be delayed past 14 days from the date of application. Do not apply this product through any type of irrigation system. Do not apply aerially.

IMPORTANT APPLICATION DIRECTIONS

Apply uniformly through suitable, calibrated application equipment. To be effective this product must be applied 2 to 3 weeks before seed germination (sprouting) of crabgrass and other listed weeds. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

18 lb. bag treats 5,000 sq.ft. - 54 lb. bag Treats 15,000 sq. ft.

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied 2 to 3 weeks before weed seed germination, will control certain grass and broadleaf weeds in established grass turf. Most effective weed control in turf grasses will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation within 14 days after application and prior to weed germination. See map below for approximate time to apply in your locality

Use Precautions

The following use precautions apply to the use of this product in turf grasses. Application of this product may thin emerged annual bluegrass and newly overseeded grasses. Do not apply to FALL SEEDED TURF until the following spring and only after the second mowing. Do not apply to SPRING SEEDED TURF or to golf course tees or greens. Do not apply to newly set sod until the following year. Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. Do not apply this product to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species.

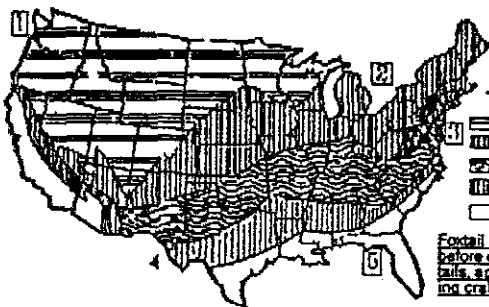
Maximum Annual Rates

This product should not be applied above a maximum annual rate of 314 lbs. per acre; (if the maximum rate is applied it should be made in two separate applications).

HOW MUCH TO USE

For grass control this product may be applied as a single application, or for increased weed control, it may be followed by a second application. The length of time of residual weed control provided by this product is related to the rate applied. Use one application for 2 to 3 months control or repeat the application in 60 days for 3 to 6 months control or in southern areas where crabgrass germinates for several months from Jan. 1 thru Apr. 20.

APPLY 2 to 3 WEEKS BEFORE WEED SEEDS GERMINATE



therefore plan application in your area as follows:

- 1 - Before May 30
- 2 - Before May 10
- 3 - Before April 20
- 4 - Before March 20
- 5 - Apply Jan. 1 to Mar. 20

Foxtail (yellow, green) tend to germinate before crabgrass, therefore, if targeting foxtails, apply 3 weeks before the corresponding crabgrass germination date.

NOTICE: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use. GRO TEC Inc. makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall GRO TEC Inc. be liable for consequential, special, or indirect damages resulting from the use, handling, or application of this product. (17-L&G2.PM5/ basic label accept'd 12-15-92; this 09-06-96 rev.01-27-97)

Net Weight **18 (54) Pounds**

GRO TEC, INC. P.O. Box 290 - Madison, GA 30650

TURF SPECIES AND RATES

The 167 lb. rate listed in the table below will give weed control for approximately 2 to 3 months. Apply twice for 3 to 6 months.

For the following Turf Species	Rate Lbs./Acre	Max. Rate per Calendar Year
Bermudagrass Centipedegrass Seashore Paspalum Tall Fescue Zoysia	For all Grasses as listed 157 lb.	Apply this rate in two separate applications a min. of 60 days apart. A Total of 314 lbs.
Perennial Bluegrass Perennial Ryegrass St. Augustinegrass	118 lbs./5,000 sq.ft.	therefore apply 18 lbs./5,000 sq.ft. twice.
Creeping Red Fescue	Treat only once/year at 31 #/5,000 sq.ft.	
Creeping Bentgrass min 1/2"	Treat only once/year at 27 #/5,000 sq.ft.	
Bermudagrass; newly sprigged or plugged ⁽²⁾	Treat only once/year at 22 #/5,000 sq.ft.	

(2) - Suppression only of Foxtail due to reduced rates.

WEEDS CONTROLLED

When used at the recommended rates this product will control:

- Annual Bluegrass
- Common Chickweed (1)
- Crabgrass - (Large, Smooth)
- Foxtail - (Yellow, Green)
- Henbit
- Knottedweed
- Oxalis
- Prostrate Spurge
- Shepardspurge (1)

(1) Treat in the fall for control of Chickweed and Shepardspurge.

OVERSEEDING/RESEEDING

This product will inhibit germination of turf species if overseeded/reseeded too soon after application. The interval between application and overseeding/reseeding is dependent on the application rate, soil temperature and the soil moisture shorter interval is possible if growing conditions are warm and wet, while a longer interval is needed if conditions are cool and dry. Use the following Overseeding/Reseeding Intervals Table as a guide when choosing the appropriate overseeding/reseeding interval for each situation. The table below lists the Overseeding/Reseeding Intervals (Months) based upon the predominant soil conditions for the season.

Interval Before Overseeding/Reseeding

Lbs./Acre of Product per Application	All Growing Zones
157 lbs.	4 months
314 lbs.	7 months

Spreader Setting for lbs./5,000 sq.ft.	18 lbs.	23 lbs.	27 lbs.
SCOTT DROP - - -	XXX	XXX	XXX
CYCLONE B-1 - - -	XXX	XXX	XXX

GUARANTEED FERTILIZER ANALYSIS	
Total Nitrogen (N)	28%
Available Phosphoric Acid (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	4%
Ingredients: Urea, formaldehyde, Urea, Sulfur Coated Urea, Ammoniated Phosphate, Muriate of Potash	