

Mr. Daniel Paradiso, Jr.  
The Andersons  
d/b/a Parker Fertilizer Co.  
201 W. Fourth St.  
Sylacauga, AL 35150

Dear Mr. Paradiso:

Subject: GRAMINUP BENEFIN - PLUS  
EPA Reg. No. 8660-107  
Your submission dated May 22, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable for the reason(s) outlined below:

1. Please provide an updated Confidential Statement of Formula for your product. The CSF signed Jan., 1985 lists EPA Reg. Nos. 1471-78 as your source. This product has since been transferred to EPA Reg. No. 62719-103.

2. Under the Environmental Hazards section of the label, please add "Do not contaminate water when disposing of equipment washwaters or rinsate".

Sincerely yours,

**BEST AVAILABLE COPY**

Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

RD:RTaylor:eja:6/15/92:3056800

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(FRONT PANEL)

**GREENUP**

**BENEFIN - 10 PLUS**

Concentrated Benefin for Professional Turf

For Use In A Liquid Turf Program

**PREEMERGENCE HERBICIDE WITH 34-0-0 FERTILIZER**

**ACTIVE INGREDIENT:**

N-Butyl-N-Ethyl-a,a,a-Trifluoro-2,6-Dinitro-p-Toluidine . . . . . 10.0%

**INERT INGREDIENTS:** . . . . . 90.0%

TOTAL 100.0%

**GUARANTEED ANALYSIS**

Total Nitrogen (N) (from Urea) . . . . . 34.0%

<b>ACCEPTED</b>
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. <u>8660-107</u>

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS**

**NET WT. 20 LBS.**

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(BACK PANEL)

NET WT. 20 LBS.

GREENUP®

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KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. In case of contact: for eyes, flush with water for 15 minutes. For skin, wash with plenty of soap and water. Get medical attention if irritation persists.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor runoff or drift from target area.

## DIRECTIONS FOR USE

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

## WHERE TO APPLY

When applied as directed the following grasses are tolerant to this herbicide. Use on established turf only: Perennial Bluegrass, Perennial Ryegrass, Fescue, Bahiagrass, Bermudagrass, Centipedegrass, St. Augustinegrass and Zoysiagrass.

8660-107  
3 of 4**WHEN TO APPLY**

This product is a preemergent herbicide therefore it must be applied to established turf before germination of annual weed seeds. The timing of applications will vary considerably with the climate and cultural practices. Consult State Agricultural Station Weed Specialists for weed germination dates for your area.

**HOW TO MIX**

This product is to be mixed with water and applied as a spray. Warm season grasses mix 30 lbs. in sufficient water for one acre, cool season grasses use 20 lbs. per acre. Use in a power sprayer that contains mechanical agitation or has a by-pass agitation. The amount of water to use will vary from 2 1/2 gallons per 1,000 sq. ft. (110 gallons per acre) to 5 gallons per 1,000 sq. ft. (220 gallons per acre). This amount will depend on your specific program.

**WEEDS CONTROLLED**

For control of Crabgrass (smooth and hairy), Silver Crabgrass (Goosegrass or Crowsfoot), Watergrass (Barnyardgrass), Yellow and Green Foxtail and Annual Bluegrass (Poa annua). It will not control weeds present at the time of applications.

**APPLICATION RATES**

**SOUTHERN WARM SEASON GRASSES** - For control of weeds listed other than Poa Annua, apply in late winter or early spring prior to annual weed germination. For continued control through the growing season a second application may be made 3 to 4 months after the first using the same rate. Will control weeds which may germinate into summer or early fall. **MIXING RATE:** 30 lbs. per acre (equivalent to 3 lbs. Benefin per acre). See "How to Mix".

For control of Poa Annua, apply in late summer or early fall prior to annual Bluegrass seed germination. Additional applications at the same rate can be made 4 to 6 months later in early spring, prior to soil warming and subsequent germination, in areas heavily infested and in thin turf areas. Use good cultural practices to fill in thin turf. **MIXING RATE:** 30 lbs. per acre.

**NORTHERN COOL SEASON GRASSES** - For control of Crabgrass and Foxtail species, apply in early spring (before May 1st) prior to annual weed seed germination. **MIXING RATE:** 20 lbs. per acre.

For control of Poa Annua, apply in late summer or early fall (mid July to mid September), or in early spring prior to annual Bluegrass germination. **MIXING RATE:** 20 lbs. per acre which gives 2 lbs. Benefin per acre. See "How to Mix".

**CAUTION:** Fine-leaved fescues may be thinned at rates recommended above (above 1.5 lbs. per acre. Do not apply in the spring to turf planted the previous fall. In Bermudagrass areas that have been overseeded with winter grasses, a spring application may thin the overseeded grass. Do not apply to putting greens, Dichondra lawns, nor to newly sprigged areas of Bermudagrass, St. Augustinegrass, or Centipedegrass until these turfs are well established.

**IF AVAILABLE COPY**

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Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **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.

**FOR PROFESSIONAL/COMMERCIAL USE ONLY:**

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance. **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 or local authorities, by burning. If burned, stay out of smoke.

**WARRANTY STATEMENT**

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured by:

**PARKER FERTILIZER CO.  
201 4TH STREET  
SYLACAUGA, AL 35150**

Date Printed: 05/05/92  
Date Approved:  
Supersedes:  
Label Change: