

**ACCEPTED**  
**JUN 21 1985**  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 32802-11

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COMFILE B: 32BAL13G.LAB  
 EPA FILE SYM: 32802

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NORTHERN LAWNS/COVERS 19,000 SQ.FT.  
 SOUTHERN LAWNS/COVERS 10,000 SQ.FT.

B E N E F I N 1 . 3 % P L U S

BALAN\* PRE-EMERGENT HERBICIDE PLUS 26-3-6 FERTILIZER

For Use On Established Home Lawns and Ornamental Turf  
 BLUEGRASS-RYEGRASS-FESCUE-BAHIAGRASS-BERMUDA GRASS  
 CENTIPEDE GRASS- ST. AUGUSTINE GRASS- ZOYSIA GRASS

To Control Crabgrass, Foxtail, Goosegrass, Watergrass  
 and Annual Bluegrass (Poa Annua)

\*BALAN is a Reg. Trademark of the Elanco Products Company

ACTIVE INGREDIENT:

N-butyl N-ethyl, alpha, alpha, alpha, trifluoro-2,5-dinitro-p-toluidine . . . . .	1.3%
INERT INGREDIENTS: . . . . .	93.7%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED. Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.  
 IF IN EYES: Flush eyes with plenty of water. Get medical attention.  
 IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 32802-

EPA EST. NO. 32802 W1-1  
 32802-M0-1

NET WEIGHT  50  POUNDS

( 25 LB.)

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish. Do not apply directly to any body of water. Do not apply when weather conditions favor drift from treated areas.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. **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:** 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.

**DIRECTIONS FOR USE (Cont.)**

When applied according to these Directions this product can be used safely on the following turfgrass varieties:

( PERENNIAL BLUEGRASS VARIETIES, PERENNIAL RYEGRASS VARIETIES, BERMUDAGRASS, BAHIAGRASS, CENTIPEDEGRASS, FESCUE VARIETIES, ST. AUGUSTINE GRASS and ZOYSIAGRASS lawns and ornamental turf.

**WEEDS CONTROLLED**

This product contains a pre-emergence herbicide plus a complete lawn food. It should be applied to established turf for the control of CRABGRASS (Smooth and Hairy), GOOSEGRASS (Silver Crab or Crowfoot), BARNYARDGRASS (Watergrass), FOXTAIL (Green and Yellow), and ANNUAL BLUEGRASS (Poa Annua)

When properly applied it will control these grassy weeds and will supply northern grasses with 0.68 to 0.86 lbs. nitrogen fertilizer / 1,000 Sq.Ft. & 0.86 to 1.30 lbs. nitrogen per 1,000 Sq.Ft. for Southern Lawns.

**WHERE, WHEN AND HOW TO APPLY THIS PRODUCT:** Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns.

**DO NOT:** 1. Apply in the spring to Bermuda Grass which has been overseeded with winter grasses (rye) since thinning will occur.

**DO NOT:** 2. Do not use on Dichondra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, nor to Bentgrass.

**DO NOT:** 3. Apply in spring to Bluegrass planted the previous fall. This product may thin Fine-Leafed FESCUE lawns when used at higher rates than 116 lbs. per acre. (1.5 lb.A.I./Acre) Do not overdose. Follow Directions.

**DIRECTIONS FOR USE (Cont.)**

**APPROPRIATE TIMES TO APPLY THIS PRODUCT FOR CONTROL OF WEED SEEDS THAT GERMINATE DURING THE FOLLOWING PERIODS**

**NORTHERN LAWNS** - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS  
Germinates - Mid March up to Mid May - - Apply March 1st to May 1st.  
- FOR POA ANNUA (Annual Bluegrass)  
Germinates - Mid August to October 1st.- - Apply Aug 1st to Sept.15th

**SOUTHERN LAWNS** - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS  
Germinates - February First to Mid April - - Apply Jan 15th to April 1st  
- FOR POA ANNUA (Annual Bluegrass)  
Germinates - October First thru December- Apply Sept. 15th to Dec. 1st.

( APPLY THIS PRODUCT APPROXIMATELY 2 WEEKS AHEAD OF WEED SEED GERMINATION  
Complete all cultural practices, such as aerification before application.  
Best weed control will be obtained if area is lightly irrigated soon after treatment.

**HOW MUCH TO USE**

**NORTHERN LAWNS** (Cool Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 15,000 Sq.Ft. (equal to 1.90 lbs. Active /acre) up to 19,000 Sq.Ft. (equal to 1.50 lbs. Active /acre). For Poa Annua apply 50 lbs. to cover 15,000 Sq.Ft.

**SOUTHERN LAWNS** (Warm Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 10,000 Sq. Ft. (equal to 2.86 lbs. Active /acre) up to 15,000 Sq.Ft. (equal to 1.90 lbs.Active /acre). For Poa Annua control apply 50 lbs. to cover 10,000 /sq./ft.

**RESEEDING TREATED AREAS**

Delay reseeding:- 6 weeks when applying at the rate of 1.5 lbs. Active per acre.(50 lbs. per 19,000 /sq./ft.).  
- 12 to 16 weeks when applied at rate of 1.90 lbs. Active per acre and above.(50 lbs. per 10,000 or 15,000 Sq.Ft.)  
When reseeding increase amount of seed needed for area by 25%.

**SPREADER SETTINGS**

Spreader Make	Northern Lawns		Southern Lawns	
	Crabgrass	Poa Annua	Crabgrass	Poa Annua
SCOTT #35	4	5 1/2	5 1/2	6
CYCLONE B-1	3	4	4	4 1/2

These are approximate settings. You must calibrate your own spreader since it may vary due to worn or damaged condition.

50 lbs. to treat 19,000 Sq.Ft.=116 lbs/acre or 1.50 lbs. Active /acre.  
50 lbs. to treat 15,000 Sq.Ft.=146 lbs/acre or 1.90 lbs. Active /acre.  
50 lbs. to treat 10,000 Sq.Ft.=220 lbs/care or 2.86 lbs. Active /acre.

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N) . . . . . 26%  
Ammoniacal . . . . . 1.2  
Urea Nitrogen . . . . . 18.3  
Sulfur Coated Urea . . . . . 6.5  
Available Phosphoric Acid (P2O5) . . . . . 3%  
Soluble Potash (K2O) . . . . . 6%

Primary Plant Food derived from: Urea, Sulfur Coated Urea, Diammonium Phosphate, Muriate of Potash. Potential Acidity 903 lb. CaCO3 /ton.