

ACCEPTED
JUN 21 1985
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 32802-13



COMFILE B:32BAL165.LAB
 EPA FILE SYM: 32802

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NORTHERN LAWNS/COVERS 18,000 SQ.FT.
 SOUTHERN LAWNS/COVERS 12,100 SQ.FT.

B E N E F I N 1 . 6 5 % P L U S

PRE-EMERGENT HERBICIDE *BALAN PLUS 25-5-10 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 1.65%

INERT INGREDIENTS: 98.35%
TOTAL 100.00%

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-WI-1
 32802-MO-1

NET WEIGHT 50 POUNDS (25 LB.)

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

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 0.52 to 0.69 lbs. nitrogen fertilizer / 1,000 Sq.Ft., & 0.69 to 1.03 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 91 lbs. per acre. (1.5 lb.A.I./Acre) Do not overdose. Follow Directions.

DIRECTIONS FOR USE (Cont.)

APPROXIMATE TIMES TO APPLY THIS PRODUCT FOR CONTROL OF THE FOLLOWING WEED SEEDS AS THEY GERMINATE.

NORTHERN LAWNS - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS SEEDS:

Germinates - Mid March up to Mid May - - Apply March 1st to May 1st.

- FOR POA ANNUA (Annual Bluegrass) SEEDS:

Germinates - Mid August to October 1st.- - Apply Aug 1st to Sept.15th

SOUTHERN LAWNS - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS SEEDS:

Germinates - February First to Mid April - - Apply Jan 15th to April 1st

- FOR POA ANNUA (Annual Bluegrass) SEEDS:

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 verticutting before application. For best results lightly irrigate the area after application.

HOW MUCH TO USE

NORTHERN LAWNS (Cool Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 18,000 Sq.Ft. (equal to 2.00 lbs. Active /acre) up to 24,000 Sq.Ft. (equal to 1.50 lbs. Active /acre). For Poa Annua apply 50 lbs. to cover 18,000 Sq.Ft. For areas heavily over run by Crabgrass use the 2.0 lbs Active per acre rate. For maintenance of turf that is relatively free of crabgrass use the 1.50 lbs. Active per acre rate.

SOUTHERN LAWNS (Warm Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 12,100 Sq. Ft. (equal to 3.00 lbs. Active /acre) up to 18,000 Sq.Ft. (equal to 2.00 lbs.Active /acre). For Poa Annua control apply 50 lbs. to cover 12,100 /sq./ft. For areas heavily over run by Crabgrass use the 3.0 lb. per acre rate. Use the 2 lb/acre rate for maintenance.

RESEEDING TREATED AREAS

Delay reseeding:- 6 weeks when applying at the rate of 1.5 lbs. Active per acre.(50 lbs. per 24,000 /sq./ft.).

- 12 to 16 weeks when applied at rate of 2.00 lbs. Active per acre and above.(50 lbs. per 12,100 or 18,000 Sq.Ft.)

When reseeding increase amount of seed needed for area by 25%.

SPREADER SETTINGS

Spreader Make	Northern Lawns		Southern Lawns	
	A.I./Acre-Crabgrass	Poa Annua	A.I./Acre-Crabgrass	Poa Annua
SCOTT #35	(2 lb/acre) 4	5 1/2	(3 lb/acre) 5 1/2	6
CYCLONE B-1	" 3	4	" 4	4 1/2

These are approximate settings. You must calibrate your own spreader due to various spreader conditions. For 1.5 lb Active/acre reduce setting by (1) 50 lbs. to treat 24,000 Sq.Ft.= 91 lbs/acre or 1.50 lbs. Active /acre. (2) 50 lbs. to treat 18,000 Sq.Ft.=122 lbs/acre or 2.00 lbs. Active /acre. (3) 50 lbs. to treat 12,100 Sq.Ft.=182 lbs/care or 3.00 lbs. Active /acre.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	25%	Primary Plant Food derived from
Ammoniacal (N)	2.0	Urea, Sulfur Coated Urea,
Urea Nitrogen (N)	17.0	Diammonium Phosphate, Muriate
Sulfur Coated Urea (N)	6.0	of Potash. Potential acidity
Available Phosphoric Acid (P2O5)	5%	899 lbs. CaCO3 per ton.
Soluble Potash (K2O)	10%	