

## DIRECTIONS FOR USE OF BALAN

Read all directions carefully before applying

BALAN is a pre-emergence herbicide which is mixed (incorporated) into the soil to provide long-lasting control of a wide range of annual grasses and broadleaf weeds (see attached literature). BALAN controls weeds by killing their seeds as they germinate. It does not control established weeds.

Incorporation of BALAN helps assure effective weed control regardless of weather conditions. Shallow cultivation, rotary-hoeing, and hand-hoeing do not reduce the weed control activity of BALAN.

### LAND PREPARATION

Crop residues should be chopped and thoroughly mixed into the soil to a depth of 4 to 6 inches prior to application. This can be accomplished by deep plowing (mold boarding or flat breaking), offset discing or tandem discing.

### APPLICATION DIRECTIONS

Add the recommended amount of BALAN liquid concentrate to the spray tank during the filling operation. Apply by ground application in 5 to 40 gallons of clean water per acre (broadcast basis), using any properly calibrated low-pressure herbicide sprayer that will apply the spray uniformly. As the amount of water used (spray volume) decreases the importance of accurate calibration and uniform application increases. Check the sprayer daily to insure proper calibration and uniform application.

*Application Rates:* See literature attached on top of can for recommended application rates for specific crops.

### INCORPORATION DIRECTIONS

BALAN must be incorporated into the soil within four hours after application to prevent loss of its activity. The machinery used should break up large clods and mix BALAN thoroughly with the soil.

If incorporation is to be delayed (not to exceed four hours) BALAN should be applied to a dry soil surface. Variable weed control may result from delayed incorporation if BALAN is applied to a wet soil surface or if wind velocity is 10 mph or higher.

Thorough incorporation of BALAN may be achieved with the following: *PTO-driven equipment* (tillers, cultivators, hoes) set to cut 2 to 3 inches deep and with rotors spaced to provide a clean sweep of the soil; *double disc* (or double disc with spike-tooth harrow in tandem) set to cut 3 to 6 inches deep and operated in two different directions (cross disced) at 4 to 6 mph. Shallow incorporation with implements set to cut less than 2 inches deep may result in erratic weed control. Spike-tooth or spring-tooth harrows should not be used alone for soil incorporation.

**CAUTION:** Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with water.

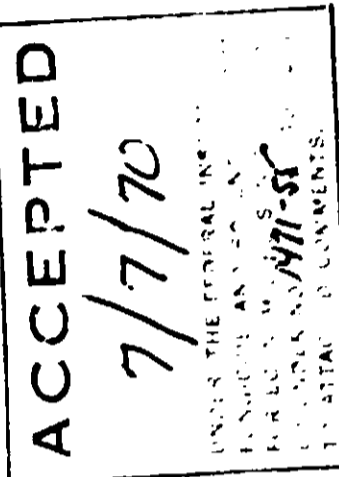
This product is toxic to fish. Keep out of any body of water. Do not contaminate foodstuffs or feeds.

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

ELANCO PRODUCTS COMPANY • A DIVISION OF ELI LILLY AND COMPANY  
INDIANAPOLIS, IND. 46206, U.S.A.

MV 5062 AMB

USDA Reg. No. 1471-55



**AVOID FREEZING**

**STORE ABOVE 40° F.**

**DO NOT STORE  
NEAR HEAT OR FLAME**

**DESTROY EMPTY CONTAINER**

**DO NOT REUSE**

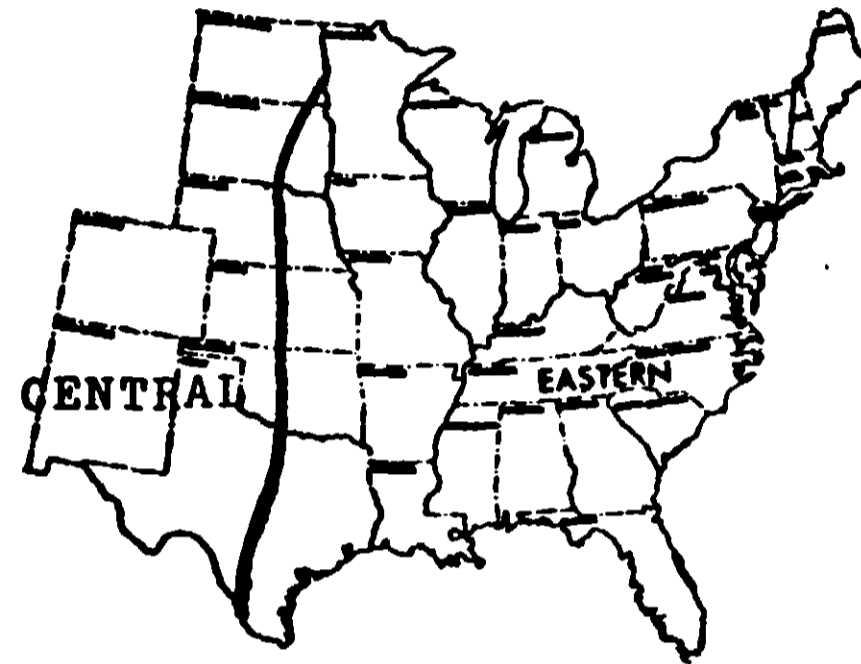
CENTRAL AND PI 106 AMP

**EASTERN UNITED STATES**

(States east of the Mississippi River plus Arkansas, Colorado, New Mexico, Oklahoma, Texas, Iowa, Kansas, Louisiana, Minnesota, Missouri, Nebraska, North Dakota, South Dakota)

**Balan**<sup>®</sup>

- PEANUTS
  - ALFALFA, BIRDSFOOT TREFOIL, RED, ALSIKE AND LADINO CLOVERS
  - DIRECT-SEEDED LETTUCE (ALL TYPES)
  - TRANSPLANT TOBACCO (BURLEY, FLUE-CURED AND DARK)
- DIRECTIONS FOR USE**



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**WEEDS CONTROLLED**

<u>Annual Grasses</u>	<u>Annual Broadleaves</u>
Crabgrasses	Carelessweed
Barnyardgrass (watergrass)	Pigweed
Foxtails	Lambsquarters
Annual bluegrass	Purslane
Ryegrass	Carpetweed
Junglerice	Chickweed
Goosegrass	Knotweed
Johnsongrass (from seed)	Redmaids
Texas panicum (Buffalograss)	Florida purslane (pusley)
Crowfootgrass	
Sandbur	

**APPLICATION DIRECTIONS**

BALAN must be incorporated into the soil within eight hours after application to prevent loss of its activity.

If incorporation is not immediate then BALAN should be applied to a dry soil surface. Variable weed control may result from delayed incorporation if BALAN is applied to a wet soil surface or if wind velocity is 10 mph or higher.

**ACCEPTED**  
**7/7/70**  
 UNITED STATES FEDERAL INSPECTOR  
 FOR CROPS AND LIVESTOCK  
 LEADVILLE, COLORADO  
 TO BALAN (4771-55)  
 (PENSACOLA, FLORIDA)

The following directions give broadcast rates of BALAN liquid concentrate. For band applications use proportionately less. Do not apply more than the recommended rate. BALAN is not recommended for use on muck or other soils high in organic matter content.

Rates:

For broadcast treatment apply 3 quarts per acre on sand, sandy loam, loam, silt loam, silt (light and medium) soils and 4 quarts per acre on silty clay, clay loam and clay (heavy) soils.

In arid, irrigated areas of the Central United States certain crops are susceptible to injury when planted in soil previously treated with BALAN. To avoid such injury, do not plant wheat, barley, rye, other domestic grasses and onions for 10 months following BALAN application. Milo (grain sorghum), corn, oats, red beets, sugar beets, other root crops and spinach should not be planted for 12 months following BALAN application.

See instructions below for application timing and special information on specific crops.

**SPECIAL INSTRUCTIONS**

**Peanuts; Alfalfa, Birdsfoot Trefoil, Red, Alsike, and Ladino Clovers; Direct-Seeded Lettuce:** Apply and incorporate BALAN anytime within 10 weeks before planting up to the time of planting. Do not apply after planting.

**Transplant Tobacco (burley, flue-cured and dark):** Apply and incorporate BALAN anytime within 10 weeks before transplanting. Do not apply after transplanting. When tobacco is to be transplanted on beds, BALAN should be applied after bedding before transplanting and incorporated with PTO equipment. In all tobacco production areas, set plants in an upright position so that roots extend below the BALAN-treated layer of soil.

up to the time of transplanting.

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**ELANCO PRODUCTS COMPANY**  
A Division of Eli Lilly and Company  
Indianapolis, Ind. 46206, U.S.A.

PI 1056 AMP

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