

961-349 Pencil 1055

Net Wt. 36 Lbs.

<b>ACCEPTED</b>	
FEB 1 0 1987	
Use	
Prep	
of	
by	
EPA Reg. No.	961-349

**LEBANON  
CRABGRASS PREVENTER  
WITH LAWN FOOD**

Contains Surflan<sup>(R)</sup> and Balan<sup>(R)</sup>

A selective Preemergence Herbicide for control of crabgrass and other annual weeds and grasses on warm-season (Southern) lawns and golf courses in these established turfgrasses:

Bahia	St. Augustine	Zoysia
Centipede	Bermuda	Tall Fescue

**ACTIVE INGREDIENTS:**

N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine .....	0.96%
oryzalin: 3,5-dinitro-N <sup>4</sup> ,N <sup>4</sup> -dipropylsulfanilamide .....	0.96%

INERT INGREDIENTS .....	98.08%
	<u>100.00%</u>

Surflan<sup>(R)</sup> - the trademark for Elanco Products oryzalin.  
 Balan<sup>(R)</sup> - the trademark for Elanco Products benefin.

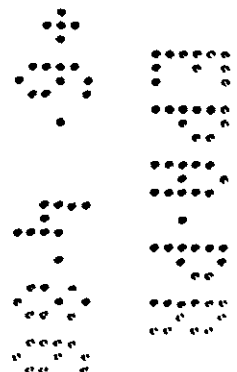
**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back of bag for additional precautionary statements.

EPA Reg. No. 961-

**LEBANON CHEMICAL CORPORATION  
LEBANON, PA. 17042**



LEBANON  
 CRABGRASS PREVENTER  
 WITH LAWN FOOD  
 Contains Surflan<sup>(R)</sup> and Balan<sup>(R)</sup>

This product not only controls many annual weeds and grasses, but it also provides quality feeding for your lawn. The fertilizer content nourishes the desirable grasses to discourage future weed infestations.

GUARANTEED ANALYSIS

Total Nitrogen (N)	28%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	6%
Soluble Potash (K <sub>2</sub> O)	6%

LEBANON CRABGRASS PREVENTER WITH LAWN FOOD is intended for application on established Southern warm Season turf (except greens) to control weeds by preventing the germination of seeds.

ANNUAL GRASSES CONTROLLED

Summer Annuals

- Barnyardgrass (watergrass)
- Crabgrasses
  - (Large Crabgrass)
  - (Smooth Crabgrass)
- Crowfootgrass
- Foxtails
  - (Bottlegrass)
  - (Bristlegrass)
  - (Giant Foxtail)
  - (Green Foxtail)
  - (Pigeongrass)
  - (Robust Foxtail)
  - (Yellow Foxtail)

- Goosegrass
  - (Silver Crabgrass)
- Johnsongrass
  - (from seed only)
- Ryegrass, annual
- Sandbur, field

Winter Annuals

- Bluegrass, annual

ANNUAL BROADLEAF WEEDS CONTROLLED

Summer Annuals

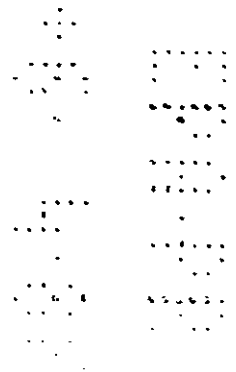
- Carpetweed
- Knotweed, prostrate
- Purslane, common

Winter Annuals

- Chickweed, common
- Henbit

ANNUAL BROADLEAF WEEDS PARTIALLY CONTROLLED

- Groundsel, common
- Spurge, prostrate
- Woodsorrel, yellow



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin or eyes. Use eye protection and protective clothing such as overalls, a long-sleeved shirt, and impermeable gloves when handling this product.

Statement of Practical Treatment

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation exists.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If inhaled: If discomfort occurs, remove individual to fresh air. Get medical attention if breathing difficulty occurs.

ENVIRONMENTAL HAZARDS

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

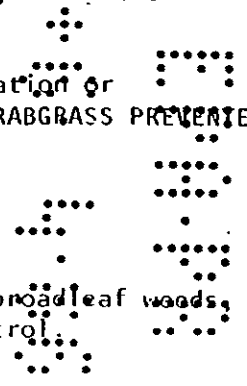
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Read all directions carefully before applying. Application must be made prior to the germination of annual weeds. Not all summer annual weeds germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual weeds listed on this label, control results may be erratic or poor. In the absence of timely rainfall, irrigation should be used to wash the product into the soil surface.

All cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to the application of LEBANON CRABGRASS PREVENTER WITH LAWN FOOD.

HOW TO APPLY

Apply in the Spring for control of summer annual grasses and broadleaf weeds, and in the Fall for Poa Annua and winter annual broadleaf weed control.



## 1. SPRING GERMINATING SUMMER ANNUAL GRASSES AND BROADLEAF WEEDS

For preemergence control, apply at the rate of 105-157 lbs. (2 to 3 pounds active ingredient) per acre in late winter or early spring, prior to the onset of conditions favorable for germination of annual weed grasses. To control Goosegrass, apply 157 lbs. (3 pounds active ingredient) per acre in late winter or early spring.

## 2. POA ANNUA (ANNUAL BLUEGRASS) AND BROADLEAF WINTER ANNUALS

For preemergence control, apply at the rate of 157 lbs. (3 pounds active ingredient) per acre in late summer or early fall, prior to the expected germination of annual bluegrass. Do not apply on areas where fall overseeding will occur. In areas of heavy infestation of annual bluegrass, its elimination will result in temporary thinning of desirable turfgrasses. The fertilizer content of this product will, along with irrigation and soil incorporated reseeded, encourage desirable turfgrasses to fill in these thin areas.

For smaller areas, apply at the rate of 2.4 lbs. (for 2 pounds active), or 3.6 lbs. (for 3 pounds active) on each 1,000 square feet.

### RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after application. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as the Rogers Aero Seeder) should be employed. When using this product at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

### APPLICATION EQUIPMENT

Apply evenly over the turfgrass area without skips or misses. A more uniform application can be made by spreading half the required amount over the area and then applying the remaining half at right angles. Both drop type and rotary type spreaders may be used. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. For best results use equipment designed to apply granular herbicides and insecticides. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

NOTE: This product will not control established weeds. At rates above 2 pounds active per acre, this product may thin established annual bluegrass turfs and fine leaved fescues. Do not apply in Spring to turfgrass planted the previous Fall. In Bermudagrass areas that have been over-seeded with winter grasses, a spring application may thin the overseeded grasses. Do not use on Dichondra grass, or on newly sprigged areas of Bermudagrass, St. Augustinegrass, Centipedegrass, or Zoysiagrass until these turfs are well established.

SUGGESTED SPREADER SETTINGS

Approximate spreader settings to apply LEBANON CRABGRASS PREVENTER WITH LAWN FOOD at stated rates are listed below. This should be a guide only, and not assumed to be correct for your own spreader. Check your own spreader to apply 3.8 ounces or 5.7 ounces on 100 square feet for the recommended 2 or 3 pound active rates. Moisture, rate of walk and spreader condition may vary these settings.

<u>Spreader</u>	<u>2 lb.</u>	<u>3 lb.</u>
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(To be supplied)

STORAGE AND DISPOSAL

Storage: Store in original container only. In case of leak or spill, contain material and dispose as waste.

Pesticide Disposal: Do not contaminate water, food, or feed by storage or 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.

WARRANTY

Lebanon Chemical Corporation warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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