

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:** Do not stack more than four containers high. Leaking or damaged containers should be placed in overpack drums for disposal. Spills should be collected and disposed of in a sanitary landfill. Keep container closed when not in use. Store away from fertilizers, feed, seed, and insecticides.

**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 liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

This product is a selective pre-emergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses as established:

Bluegrass (perennial)	Bahiagrass	St. Augustinegrass
Ryegrass (perennial)	Bermudagrass	Zoysiagrass
Fescue	Centipedegrass	

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING

This product is a pre-emergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (Poa-annua), smooth and hairy crabgrass, goosegrass (stiver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. It controls these annual weeds by killing their seeds as they germinate. Apply this product before these annual weeds begin to germinate since it does not control established weeds.

APPLICATION DIRECTIONS

RATES, FREQUENCY AND TIMING OF APPLICATION

Successful pre-emergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply this product approximately one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil such as aeration or verticutting, should be done prior to application of this product.

1. Spring germinating summer annual grasses - crabgrasses, foxtails and barnyardgrass
  - A. Northern (cool season) turfgrasses

For pre-emergence control, apply 120 to 160 pounds per acre (1.5 to 2 pounds active ingredient) of this product per acre in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

- B. Southern (warm season) turfgrasses

For pre-emergence control, apply 160 to 240 pounds (2 to 3 pounds active ingredient) of this product per acre in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

In areas of the United States where germination of these annual weed grass species continues for extended periods of time, a second application of this product at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

2. Late spring, early summer germinating annual grasses - goosegrass
 

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Applications of this product should, therefore, be timed accordingly.

- A. Northern (cool season) turfgrasses

For pre-emergence control, apply 160 pounds (2 pounds active ingredient) of this product per acre in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

When this product is applied as directed, the following established turfgrasses are tolerant:

Kentucky Bluegrass	Zoysiagrass
Perennial Ryegrass	Bermudagrass
Centipedegrass	St. Augustinegrass
Fescue	Bahiagrass

It will not harm most nearby established ornamental trees and shrubs.

- B. Southern (warm season) turfgrasses

For pre-emergence control, apply 160 to 240 pounds (2 to 3 pounds active ingredient) of this product per acre in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

3. Northern and Southern turfgrasses

In areas of the United States where pre-emergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of this product at the recommended rate spaced 8 to 10 weeks apart may be made to provide season long control of these annual grass species.

# CRABGRASS PREVENTER

A SELECTIVE PRE-EMERGENCE HERBICIDE  
FOR THE CONTROL OF CRABGRASS  
AND MOST OTHER ANNUAL  
WEED GRASSES ON LAWNS  
AND GOLF COURSES IN ESTABLISHED:

BLUEGRASS (perennial)  
RYEGRASS (perennial)  
FESCUE  
BAHIAGRASS

BERMUDAGRASS  
CENTIPEDEGRASS  
ST. AUGUSTINEGRASS  
ZOYSIAGRASS

Active Ingredient

N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine

1.25%

Inert Ingredients

98.75%

TOTAL

100.00%

Contains 1 pound active ingredient per 80 pound bag

## CAUTION:

KEEP OUT OF REACH OF CHILDREN.

SEE SIDE PANELS FOR ADDITIONAL CAUTION STATEMENTS

EPA Reg No. 8123-

EPA Est. No. 8123-IL-1

NET WEIGHT: \_\_\_\_\_

BATCH NO. \_\_\_\_\_

SOLD BY

FRANKLIN & SON'S, INC.

13801 S. Emerald Avenue  
Chicago, Illinois 60627

ACCEPTED

DEC 21 1987

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 8123-700

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107-2218  
CPM

4. *Poa annua* (annual bluegrass)

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

A. Northern (cool season) turfgrasses

For pre-emergence control, apply 160 pounds (2 pounds active ingredient) of this product per acre in late summer or early fall and again in late winter or early spring one to two weeks prior to the expected germination of annual bluegrass.

B. Southern (warm season) turfgrasses

For pre-emergence control, apply 240 pounds (3 pounds active ingredients) this product per acre in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of this product at 240 pounds per acre can be made 10 to 12 weeks after the initial treatment.

For application to smaller areas, apply the following amounts of this product.

Pounds Per Acre	Pounds Per 1,100 Sq. Ft.
120 pounds	1 1/2 pounds
160 pounds	2 pounds
240 pounds	3 pounds

#### RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turf grass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. 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 this product 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.

#### PRECAUTIONS

Apply this product to the turf prior to the germination of weed grasses since this product will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above 120 pounds per acre (1.5 pounds active ingredient). This product should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application of this product may thin the over-seeded grasses. Because of varying cultural practices, this product should not be used on putting greens. This product should not be used on dichondra. This product should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

#### HELPFUL APPLICATION TECHNIQUES FOR APPLYING

Always calibrate your own spreader according to the manufacturer's recommendations.

1. When using a drop type spreader, a splash board mounted under the hopper will help dispense granules more evenly. A chain fastened to the side of your spreader will leave a marked or scuffed turf area to follow and help prevent missed areas.
2. When using tractor mounted or pull-type rotary applicators to apply this product, it is suggested that early morning applications be made when the wind is calm and dew is on the ground. Wheel tracks are easy to follow and granules can be spread uniformly.
3. Small area application is easy using a small rotary applicator. To insure proper coverage and avoid missed areas, early morning treatment when wheel tracks are evident in the dew and the wind is calm are ideal.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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