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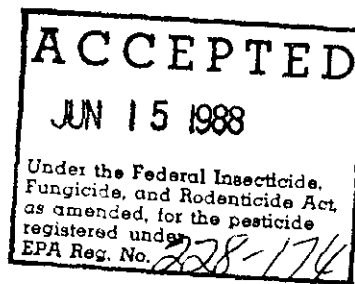
FRONT PANEL

RIVERDALE

2.5 G PRE-EMERGENT HERBICIDE

A selective Pre-emergent herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:

- Bluegrass (Perennial)
- Ryegrass (Perennial)
- Fescue
- Bahia grass
- Bermudagrass
- Centipedegrass
- St. Augustinegrass
- Zoysiagrass



ACTIVE INGREDIENT:

N-butyl-N-Ethyl-a,a,a-trifluoro-dinitro-p-toluidine.....	2.5%
Inert Ingredients:.....	<u>97.5%</u>
TOTAL.....	100.0%

Contains 1 Pound Active Ingredient Per 40 Pound Bag.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement Of Practical Treatment

- If Swallowed: Get Medical Attention
- If On Skin: Wash Skin With Soap and Water.
- If In Eyes: Flush Eyes With Water and Get Medical Attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 228-

EPA EST. NO. 228-IL-1

Net Contents 40 Pounds

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
CHICAGO HEIGHTS, ILLINOIS

## READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING

This product is a pre-emergent herbicide which is applied to established turfgrasses for the control of annual bluegrass (Poa Annua), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot); barnyardgrass (watergrass) and green and yellow foxtail. This product controls these annual weeds by killing their seeds as they germinate. Apply 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 Riverdale 2.5G Pre-emergent Herbicide 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 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 areification or verticutting should be done prior to application of this product.

## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS

## CAUTION

## ENVIRONMENTAL HAZARD

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.

STORAGE AND DISPOSAL

STORAGE: Keep this unopened package in a clean dry area. Keep away from objects that may puncture bag. Use entire contents of this bag upon opening.

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 sale or at an approved waste disposal facility. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incination, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

1. Spring germinating summer annual grasses - crabgrass, foxtails, and barnyardgrass.

A. Northern (cool season) turfgrasses.

For pre-emergence control, apply 60 to 80 pounds per acre (1.5 to 2 pounds active ingredient) of this product per acre in 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 80 to 120 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.

LEFT SIDE PANEL

A. Northern (cool season) turfgrasses.

For pre-emergence control, apply 80 pounds (2 pounds active ingredient) of this product per acre in the late spring or early summer one to two weeks prior to 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         |

This product will not harm most nearby established ornamental trees or shrubs.

B. Southern (warm season) turfgrasses.

For pre-emergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of this product per acre in late spring or early summer one to two weeks prior to the expected germination of goosegrasses.

RIGHT SIDE PANEL

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 full season control of the annual grass species.

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 reseedling 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 80 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 expected germination of annual bluegrass.

B. Southern (warm season) turfgrasses.

For pre-emergence control, apply 120 pounds (3 pounds active ingredient) of this product per acre in the late summer or early fall one to two weeks prior to the expected germination of the 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 120 pounds per acre can be made 10 to 12 weeks after the initial treatment. For application in smaller areas, apply the following amounts of this product.

<u>Per Acre</u>	<u>Per 1,100 Sq.Ft.</u>
60 Pounds	1-1/2 pounds
80 Pounds	2 pounds
120 Pounds	3 pounds

### 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 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 a narrow, concentrated band. 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.

RIGHT SIDE PANEL

778

APPROXIMATE SPREADER SETTINGS AS A GUIDE FOR CALIBRATION (FOR APPLYING PRODUCT IN ONE PASS OVER THE TURF)

TO APPLY POUNDS PER ACRE

<u>SPREADER TYPE</u>	<u>60 lbs.</u>	<u>80 lbs.</u>	<u>120 lbs.</u>
<b>GANDY:</b>			
Model 10A Series 6,8,10,11,12,20 and 30 ft. (based on tractor speed of 5 M.P.H.)	7	8	9
Model 10T Series 6,8,10,11,12,20, and 30 ft. (based on tractor speed of 5 M.P.H.)	16	18	21
Turf Tender, 24,30, 42 in. (based on tractor speed of 3 M.P.H.)	14	16	18
600 Series 3,4, and 5 ft. (based on tractor speed of 3 M.P.H.)	7	8	9
<b>SCOTT:</b>			
Rotary Models R-7, PR-1,PT-10,PT-11 (width of coverage 11 ft.)	A	B	C
Drop Spreaders	2.25	2.5	3
<b>CYCLONE:</b>			
Models B1,33,96,100 and BSSB	2.25	2.5	2.75
Models BP1, 93A, and 99	2.25	2.5	2.75
Models S3 and MSB 400R (Based on tractor speed of 5 M.P.H.)	4	4.5	5.5
<b>EZEE FLOW:</b>			
Models 105 and 88F	B	B+.75	1+.5
Models 106 and 116 (Based on tractor speed of 5 M.P.H.)	A1+.5	B1 (7.5 MPH)	B1
Model 109 (Based on tractor speed of 5 M.P.H.)	B <sub>2</sub>	A <sub>3</sub>	B <sub>3</sub>
<b>LELY:</b>			
Model W and H (Based on tractor speed of 4.5 M.P.H.) (Do not use agitator unit)	2.5	3	4

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 (*Doa annua*) turfs and fine-leaved fescues at rates above 60 pounds per acre (1.5 pounds active ingredients). This product should not be applied in the spring to turfgrass planted in the previous fall. In Bermudagrass areas that have been over seeded 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 dichondra. This product should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until the turfs are well established.

NOTICE

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.