

PM-23

Reg # 228-208

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
243150

Application for Pesticide - Section I

1. Company/Product Number 228-208	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Team <sup>(R)</sup> 1.15 Lawn Weed and Feed	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Riverdale Chemical Company 425 West 194th Street Glenwood, Illinois 60425-1584 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

**NOTIFICATION**

Adding optional fertilizer and advertising information.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell F. Sawyer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 708/754-3330
2. Signature 		6. Date Application Received (Stamped)
3. Title Regulatory Affairs Manager		
4. Typed Name Russell F. Sawyer		
5. Date November 22, 1996		

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RIVERDALE

TEAM® 1.15 LAWN WEED AND FEED

A Dual Action Pre-Emergent Crabgrass Killer containing Benefin (Balan®) - Trifluralin and a Premium Turf Fertilizer.

For use on established Bluegrass (perennial), Ryegrass (perennial), Fescue, Bahiagrass, Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysiagrass for the control of Crabgrass and other listed Annual Weed Grasses on Home Lawns, Golf Courses and other Ornamental & Recreational Turf.

ACTIVE INGREDIENTS:

N-butyl-N-ethyl-alpha-alpha-alpha, trifluoro-2, 6-dinitro-p-toluidine . . . . . 0.77%
Trifluralin: alpha, alpha, alpha-trifluoro-2, 6-dinitro-N, N-dipropyl-p-toluidine 0.38%

INERT INGREDIENTS:

TOTAL . . . . . 98.85%
100.00%

Team® and Balan® - Registered Trademarks of DowElanco

GUARANTEED ANALYSIS:

NOTIFICATION

Total Nitrogen (N) . . . . . 25%
1.0% Ammoniacal Nitrogen
6.8% Sulfur Coated Urea
17.2% Urea Nitrogen
Available Phosphate (P2O5) . . . . . 3%
Soluble Potash (K2O) . . . . . 3%

Primary Plant Foods derived from Urea, Sulfur Coated Urea, Ammonium Phosphate, Triple Super Phosphate, and Muriate of Potash.

Chlorine (Cl) Maximum . . . . . 3%

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

NET WEIGHT POUNDS

EPA REG. NO. 228-208

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin or clothing. The granular formulation may cause skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Do not allow children or pets on lawn until 1/2" of water has been applied to lawn and water has dried (or, if wet conditions persist, until 24 hours have passed).

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink promptly, a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF INHALED:** If breathing difficulty occurs, move individual to fresh air and get medical attention.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

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

**WHERE TO APPLY**

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. Augustinegrass & Zoysiagrass lawns and ornamental turf. Will not harm most nearby ornamental trees and shrubs when used as directed.

**WEEDS CONTROLLED**

This product contains a combination of Benefin and Trifluralin pre-emergence Herbicide plus a 25-3-3 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) and provides a complete lawn fertilization.

**WHEN TO APPLY**

Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns.

**IMPORTANT PRECAUTIONS:**

DO NOT apply in the Spring to Bermudagrass which has been overseeded with Winter grasses (annual, rye) since thinning will occur. DO NOT use on Dichondra, nor on newly sprigged areas of Bermudagrass, St. Augustinegrass or Centipedegrass, until these turfs are well established, nor to Bentgrass or Putting Greens. DO NOT apply in Spring to Turfgrass planted the previous fall. This product may thin established Annual Bluegrass (Poa Annua) & Fine-Leafed Fescue lawns when used at higher rates than 174 pounds per acre (2.0 pounds A.I. Per Acre). Do not overdose.

**BEST AVAILABLE COPY**

**WHEN AND HOW TO TIME YOUR APPLICATION**

Successful pre-emergence control of the annual grass weeds on this label requires proper timing of application. This product must be applied 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 grassy weeds listed on this label, weed control results may be erratic or poor. Any cultural practices that disturb the soil such as verticutting, should be done prior to application of this product.

**\*SPRING GERMINATING\* SUMMER ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS:**

A. Northern Cool Season Grasses - For pre-emergence control, apply 130 to 174 pounds per acre (equal to 1.5 to 2.0 pounds Active Ingredient per acre), applied in the Spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. 50 pounds will "Weed and Feed" 12,500 to 16,250 square feet.

B. Southern warm season turfgrass - For pre-emergence control, apply 174 to 261 pounds per acre (equal to 2 to 3 pounds Active Ingredient per acre) in the late Winter or early Spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. 50 lbs. will "Weed and Feed" 8,325 to 12,500 square feet. Use for 8,325 square feet where turf is completely overrun by weeds. Use for 12,500 square feet when weeds are sparse or the turf is in a Yearly Crabgrass Control Program.

**\*LATE SPRING, EARLY SUMMER GERMINATING\* ANNUAL GRASSES: GOOSEGRASS (SILVER CRAB)**

Although classified as a Summer annual grass, goosegrass normally germinates 4 to 6 weeks later than the 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 174 pounds per acre (equal to 2 pounds Active Ingredient per acre) of this product in late Spring or early Summer, one to two weeks prior to the expected germination period of goosegrass. 50 pounds will "Weed and Feed" 12,500 square feet.

B. Southern warm season turfgrasses - For pre-emergence control, apply 174 to 261 pounds per acre (equal to 2 to 3 pounds Active Ingredient per acre) of this product in late Spring or early summer, one to two weeks prior to the expected germination of goosegrass. 50 pounds will "Weed and Feed" 8,325 to 12,500 square feet. Use for 8,325 square feet where turf is completely overrun by weeds. Use for 12,500 square feet when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

**FULL SEASON CONTROL IN 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 these annual grass species.

**POA ANNUA (ANNUAL BLUEGRASS) CONTROL**

In areas of heavy infestation of Annual Bluegrass, its elimination will leave areas of thin turf. Employ proper cultural practices to establish a new turf.

Northern cool season turfgrasses - For pre-emergence control, apply 174 pounds per acre (equal to 2 pounds Active Ingredient per acre) of this product in late Summer or early Fall and again in late Winter or Spring, one to two weeks prior to expected germination of annual bluegrass. 50 pounds treats 12,500 square feet of turfgrass area.

Southern warm season turfgrasses - For pre-emergence control, apply 261 pounds per acre (equal to 3 pounds Active Ingredient per acre) of this product in the late Summer or early Fall, one to two weeks prior to 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 at 261 pounds per acre can be made 10 to 12 weeks

after the initial treatment. 50 pounds treats 8,325 square feet of Turfgrass area.

RESEEDING TREATED AREAS: 1. Delay reseeding = 6 weeks when applying at the rate of 130 to 174 pounds of product per acre (equal to 1.5 to 2.0 pounds Active Ingredient per acre or 50 pounds to treat 12,500 to 16,250 square feet.) 2. Delay reseeding = 12 to 16 weeks when applying at the rate of 261 pounds of product per acre (equal to 3.0 pounds of Active Ingredient per acre or 50 pounds to treat 8,325 square feet).

WHEN RESEEDING - INCREASE THE RECOMMENDED AMOUNT OF SEED BY 25%.

SPREADER SETTINGS

The following spreader settings are for use with new equipment. Your spreader may need calibrating since proper application is based on the spreader's condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

Spreader	50# Bag	Northern Lawns		Southern Lawns	
		Crabgrass etc.	Poa Annua	Crabgrass etc.	Poa Annua
SCOTT #35	16,250 Sq. Ft.	3	4½	-	-
	12,500 Sq. Ft.	4	5½	4	5½
	8,325 Sq. Ft.	-	-	6½	6
CYCLONE B-1	16,250 Sq. Ft.	2	3	-	-
	12,500 Sq. Ft.	3	4	3	4
	8,325 Sq. Ft.	-	-	4	4½

50 LBS. TO TREAT 16,250 SQ. FT.= 1.50 LBS. A.I./ACRE  
50 LBS. TO TREAT 12,500 SQ. FT.= 2.00 LBS. A.I./ACRE  
50 LBS. TO TREAT 8,325 SQ. FT.= 3.00 LBS. A.I./ACRE

FOR OPTIMUM PRE-EMERGENCE WEED CONTROL  
APPLY AT THE APPROPRIATE TIME

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE											
JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
			1. _____	2. _____		3. _____					
			4. _____	5. _____						6. _____	
1. For Crabgrass etc. Northern Lawns.						4. For Crabgrass etc. Southern Lawns.					
2. For Goosegrass in Northern Lawns.						5. For Goosegrass in Southern Lawns.					
3. For Poa Annua in Northern Lawns.						6. For Poa Annua in Southern Lawns.					

\*Two applications spaced 8 to 10 weeks apart may be needed for season long control.

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in a dry area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides, or seeds.

PRODUCT DISPOSAL: To dispose of bags which contain unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Fold empty bag and discard in trash.

WARRANTY: Riverdale warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

(PR938 042194/RV 112296)

Optional Fertilizer and Marketing Statements

Another Quality Product From Gro Green!

Start a beautiful lawn

Compare Price

Compare Results

NITROGEN	PHOSPHORUS	POTASSIUM
Vital for overall growth, density of turf and greenness.	Helps develop a deep healthy root system that produces more blades of grass.	Vital for turf growth, hardiness and drought resistance.

Step 1

•CRABGRASS CONTROL

Stops crabgrass and other undesirable grasses before they start.

•SUPER TURF 28-3-4 FORMULA

Feeds existing lawn and should be applied anytime in the spring.

Read entire label before using this product. Use strictly in accordance with label precautionary statements and directions.

QUICK & EASY - We recommend the cyclone (roto, broadcast) spreaders.

1. They cover 5,000 sq. ft. (50" x 100") in about 15 minutes.
2. Over lap 6-8" and you will get professional results without streaking.

On standard models - set all makes about 1/5 of total opening.

- Cyclone (Roto) Type 4
- Scotts - Standard Models Only 5
- Central, Greenfield, Cross Country 6

These settings are furnished as a guide ONLY - Age, condition of spreader, speed of operation and roughness of terrain can cause variations in rates applied.

