

PH 23 228-259 10/11

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 24pt; text-align: center;">196261</div>
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Section I

1. Company/Product Number 228-259	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Spring Valley Crab Spray 10% with Team TM	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) RIVERDALE CHEMICAL COMPANY 425 West 194th Street Glenwood, IL 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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

To comply with PR Notice 93-3

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3

DATE: 7/12/93

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No * Certification must be submitted.	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
	If "Yes," Unit Package wgt. No. per container	If "Yes," Package wgt. No. per container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of 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
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Jumped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Russell F. Sawyer	5. Date June 28, 1993	

SPRING VALLEY

CRAB SPRAY 10Z

WITH TEAMTM

COVERS 87,120 SQ. FT.

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-1
DATE. 7/12/93

Before using this product, be sure your spray system will
suspend this product.

This product requires vigorous agitation.

ACTIVE INGREDIENTS:

N-butyl-N-ethyl-1,1,1-trifluoro-2,6-dinitro-p-toluidine.....	6.67%
Trifluralin: alpha, alpha, alpha-trifluoro-2, 6-dinitro-N, N-dipropyl-p-toluidine	3.33%

INERT INGREDIENTS:	90.00%
TOTAL.....	100.00%

GUARANTEED ANALYSIS:

Nitrogen (N)..... 29%

Primary Plant Food derived from Urea

TeamTM is a trademark for DowElanco benefin plus trifluralin.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

NET WT. 40 LBS.

EPA REG. NO. 228-259

EPA EST. NO. 228-1L-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

Revised A/O 3/9/93

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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. Remove contaminated clothing and wash before reuse.

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. For terrestrial uses, do not apply directly to water, or to areas when 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. Read all directions carefully before applying.

GENERAL

This product does not totally dissolve. To keep the undissolved portion of the products in suspension, you must have vigorous agitation system, preferably a mechanical agitation system. Fill the tank with 3/4 of the water that is needed and start agitation. (Especially in cool weather, using warm water will help dissolve this product faster). The SLOWLY add this product. After all the product has been added, add the remaining required water. Continue agitation the entire time of application and make sure that the tank is empty before shutting off agitation.

Do not apply this product tank mixed with other fertilizers or pesticides unless previous experience indicates the tank mix is effective, does not harm plants and does not result in application problems.

Always add this product and have it completely suspended before adding any other fertilizer or pesticide.

Avoid spraying on porous materials such as driveways, wood, stone and siding. To avoid staining, rinse immediately.

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 (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 this product before these annual weeds begin to germinate since it does not control established weeds.

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 20 pounds per acre (2 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 overseeded 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, Centipedegrass or Zoysiagrass until these turfs are well established.

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

Bahiagrass	Centipedegrass	Perennial ryegrass
Bentgrass Fairways	Fescue	St. Augustinegrass
Bermudagrass	Kentucky bluegrass	Zoysiagrass

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

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 aerification or verticutting, should be done prior to application of this product.

1. Spring germinating summer annual grasses--crabgrasses, goosegrass, foxtails and

barnyard grass.

A. Northern (cool season) turfgrasses

For pre-emergence control, apply 20 to 30 pounds (2 to 3 pounds active ingredient) of this product per acre in the Spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination. Where heavy goosegrass pressure exists, use the rate of 30 pounds of this product per acre.

B. Southern (warm season) turfgrasses

For pre-emergence control, apply 20 to 30 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 the annual weed grass species continues for extended periods of time, a second application of this product at the recommended rate may be made 10 to 12 weeks after initial treatment for continued control.

C. Split application program

In areas where last season weed germination is anticipated or where extended control is desired, two applications spaced 8 to 10 weeks apart are recommended. Each application should be 15 lbs. (1½ lbs. active ingredient) per acre.

2. 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 20 pounds (2 pounds active ingredient) of this product per acre in late summer or early fall and again in late Winter or Spring one to two weeks prior to the expected germination of annual bluegrass.

B. Southern (warm season) turfgrasses

For pre-emergence control, apply 30 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 annual bluegrass. In southern areas of the United States when germination of annual bluegrass continues for extended periods of time, a second application of this product at 30 pounds per acre can be made 10 to 12 weeks after the initial treatment.

This Product Per Acre	Lbs. Per 1000 Sq. Ft.
15 Lbs.	.34 Lbs.
20 Lbs.	.46 Lbs.
30 Lbs.	.69 Lbs.

Nitrogen applied with this product

TEAM active/acre	Pounds nitrogen/1000 Sq. Ft.
1.5 Lbs.	.1

2	Lbs.	.13
3	Lbs.	.20

*If you are spraying 5 gallons per 1000 sq. ft.
100 gal. covers 20,000 sq. ft. (217.5 gal. per acre)

To get 1.5 lbs. active ingredient per acre add 6.8# of product per 100 gal. water.

To get 2 lbs. active ingredient per acre add 9.2# of product per 100 gal. water.

To get 3 lbs. active ingredient per acre add 13.8# of product per 100 gal. water.

*If you are spraying 3 gallons per 1000 sq. ft.
100 gal. covers 33,330 sq. ft. (130.5 gal. per acre)

To get 1.5 lbs. active ingredient per acre add 11.3# of product per 100 gal. water.

To get 2 lbs. active ingredient per acre add 15.3# of product per 100 gal. water.

To get 3 lbs. active ingredient per acre add 22.9# of product per 100 gal. water.

RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. 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. Reseeding should be delayed 8 weeks after application of this product at the 20 pound (2 pound active ingredient) rate and 12-16 weeks after the 30 pound (3 pound active ingredient) rate.

STORAGE AND DISPOSAL

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

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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 reasonable 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 use assumes all risks of any such use.

(PR933 042194)