

PM 25

228-256

9/10/97

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 10 1997

Russell F. Sawyer
Riverdale Chemical Company
425 West 194th Street
Glenwood, Illinois 60425-1584

Dear Mr. Sawyer:

SUBJECT: Revised Labeling:
Change Signal Word and Precautionary Language;
Split Labels to Commercial and Non-Commercial Copies;
General Label Editing and Updating
Riverdale Team 1.33% Lawn Weed and Feed
EPA Registration No. 228-256
Your Application Dated April 22, 1997

The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following provisions:

- 1. Make the following changes to the "Precautionary Statements":
a) Add the statement, "Harmful is swallowed, inhaled, or absorbed through skin" to the beginning of this section.
b) Add the statements "Avoid breathing dust. May cause skin sensitization reactions in certain individuals."
2) Add the following oral and inhalation statements to the existing "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. If person is unconscious, do not give anything by mouth and do not induce vomiting."
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

CONCURRENCES

Table with 9 columns and 3 rows. Row 1: SYMBOL (7505C), SURNAME (DMorgan), DATE (Sep 10, 1997). Other cells are empty.

- 3. In order to exclude this product from the scope of the Worker Protection Standards, add the prohibition "Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes."

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

3 9 6

(Commercial)

RIVERDALE

RECI 10001

TEAM® 1.33 LAWN

WEED AND FEED

'97 APR 28 11:58

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 Lawns and Recreational Turf.

ACTIVE INGREDIENTS:

Benefin: N-butyl-N-ethyl- $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro-p-toluidine	0.89%
Trifluralin: ( $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine)	0.44%
INERT INGREDIENTS:	98.67%
TOTAL	100.00%

GUARANTEED ANALYSIS:

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Sulfur Coated Urea	
X% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	X%
Soluble Potash (K <sub>2</sub> O)	X%

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

Chlorine (Cl) Maximum X%

The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.

Fertilizer guaranteed by (Name of Fertilizer Registrant) U.S. Patent No. 4,226,789

Team® and Balan® - Registered Trademarks of DowElanco

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

NET WEIGHT POUNDS

EPA REG. NO. 228-256

EPA EST. NO. 228-IL-1  
ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

SEP 10 1997  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 228-256

Revised 4/22/97

Split label into Non-Commercial & Commercial copy; Deleted "X" from product name; Changed Signal Word and Precautionary Statements; also general update in Directions for Use.

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

Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled. If watering-in is used after the application, do not enter or allow others to enter the treated areas (except those involved in the watering) until watering-in is complete and surface is dry.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Riverdale Team® 1.33 Lawn Weed and Feed is a high quality fertilizer product that combines turf food to feed the lawn and a selective pre-emergence herbicide to control the below listed annual grasses.

Riverdale Team 1.33 Lawn Weed and Feed 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. Riverdale Team 1.33 Lawn Weed and Feed 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.

When Riverdale Team 1.33 Lawn Weed and Feed is applied as directed, the following established turfgrasses are tolerant:

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

Riverdale Team 1.33 Lawn Weed and Feed will not harm most nearby established ornamental trees and shrubs.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen/1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing \*(No. of lbs.) pounds of nitrogen per 1,000 square feet (optional P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

\*Based on Inert fertilizer claimed.

**IMPORTANT PRECAUTIONS**

Apply Riverdale Team 1.33 Lawn Weed and Feed to the turf prior to the germination of weed

grasses since Riverdale Team 1.33 Lawn Weed and Feed will not control established weeds. Riverdale Team 1.33 Lawn Weed and Feed may thin established annual bluegrass (poa annua) turfs and fine-leaved fescues at rates above 28 pounds per 10,890 square feet (0.375 pounds Active Ingredient [A.I.] per 10,890 square feet). Riverdale Team 1.33 Lawn Weed and Feed should not be applied in the Spring to turfgrass planted the previous Fall. In Bermudagrass areas that have been over-seeded with Winter grasses, a Spring application of Riverdale Team 1.33 Lawn Weed and Feed may thin the overseeded grasses. Because of varying cultural practices, Riverdale Team 1.33 Lawn Weed and Feed should not be used on putting greens. Riverdale Team 1.33 Lawn Weed and Feed should not be used on dichondra. Riverdale Team 1.33 Lawn Weed and Feed should not be applied to newly sprigged areas of Bermudagrass, St. Augustinegrass or Centipede grass until these turfs are well established.

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

**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 Team 1.33 Lawn Weed and Feed approximately one to two weeks prior to the anticipated germination of annual grass weed seeds, since established weeds will not be controlled. 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 watered-in soon after application.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application of Riverdale Team 1.33 Lawn Weed and Feed.

Spring germination Summer annual grasses - crabgrasses, foxtails and barnyardgrass.

A. Northern (Cool Season) Turfgrasses

For pre-emergence control, apply 28 to 37.5 pounds per 10,890 square feet (0.375 to 0.5 pounds A.I. per 10,890 square feet) of Riverdale Team 1.33 Lawn Weed and Feed in the 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 37.5 to 56.25 pounds (0.5 to 0.75 pounds A.I. per 10,890 square feet) of Riverdale Team 1.33 Lawn Weed and Feed in the late Winter or early Spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

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

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE												
JAN.	FEB.	MAR.	1.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
			4.		5.		3.					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.

In areas with extended growing seasons or where desired, a second application at the recommended rate can be made 8 to 10 weeks following the initial application on cool season turfgrasses and 10 to 12 weeks following the initial application on warm season turfgrasses.

Riverdale Team 1.33  
Lawn Weed and Feed  
Per 10,890 Square Feet

Pounds Per  
1,000 Square Feet

28.00 pounds  
37.50 pounds  
56.25 pounds

2.5 pounds  
3.4 pounds  
5.1 pounds

**STORAGE AND DISPOSAL**

**STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near feed or foodstuffs. Do not stack more than two pallets high. To prevent cross-contamination, do not store near open containers of fertilizers, seed or other pesticides. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE DISPOSAL:** If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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 away from smoke.

**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 042297)

[Editor's note: Subregistrant label may include a different (1) Fertilizer Analysis; (2) table of recommended spreader equipment and spreader settings for the fertilizer blend used; (3) Warranty Statement. Chlorine declaration is optional except where mandated by State fertilizer regulation.]