

228-159

6/11/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 11 2003

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Russell F. Sawyer
Nufarm Americas Inc.
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60521-0866

Dear Mr. Sawyer:

Subject: Revised Label
Riverdale Pre-Emergent Weed Killer
EPA Registration Number 228-159
Your Letter Dated May 22, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- On the front panel delete "And Ornamental Turf". This phrase is too broad. It implies that this product can be applied to sites other than lawns and established residential turf.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records. If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in cursive script that reads "Joanne I. Miller".

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

Enclosure

(Residential Label)

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RIVERDALE®

PRE-EMERGENT WEED KILLER

PLUS FERTILIZER X-X-X

For (or With) Crabgrass Control
And Other Listed Weeds

Treats (Feeds or Covers) 5,000 Sq. Feet (50' x 100')

STOPS CRABGRASS BEFORE IT STARTS - CONTAINS BALAN®

FOR LAWNS AND ORNAMENTAL TURF

ACTIVE INGREDIENT:

N-Butyl-N-ethyl-alpha, alpha, alpha-trifluoro-2,6 dinitro-p-toluidine	0.92%
INERT INGREDIENTS:	99.08%
TOTAL	100.00%

GUARANTEED ANALYSIS:

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	X%
Soluble Potash (K ₂ O)	X%

Primary Plant Foods derived from Urea, Diammonium Phosphate, and Muriate of Potash

Chlorine (Cl) maximum	X%
Fertilizer Guaranteed by Registrant (Name of Registrant)	

Riverdale is a Registered Trademark of Riverdale - A Nufarm Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT

EPA REG. NO. 228-159

EPA EST. NO. 228-IL-1

ACCEPTED
with COMMENTS
In EPA Letter Dated
MANUFACTURED BY NUFARM AMERICAS INC., BURR RIDGE, ILLINOIS 60527-0866

JUN 11 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-159

(Back Panel)

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

Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly after handling.

FIRST AID STATEMENT

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply when conditions favor drift from target areas. Do not feed treated grass clippings to livestock.

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.

This product is a pre-emergence herbicide with fertilizer which is applied to established residential turf for the control of annual bluegrass (*Poa Annua*) turfs and fine-leaved fescues at rates above 215 pounds per acre (2 lbs. active ingredient). This product should not be applied in the Spring to turf grass planted the previous Fall. Over application can weaken turf grass during hot and dry or over wet stress periods, allowing fungus or insects to cause damage. In bermudagrass that has been over-seeded with wintergrass, 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 or bentgrass turf or applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established. Keeps out crabgrass, goosegrass, foxtail and barnyardgrass by effectively killing the sprouting seed. This product is not for pasture use. Easy to apply with standard seed and fertilizer spreaders.

WHEN TO APPLY: Apply to turf before the germination of annual grass weed. General times of application are discussed below for each type of weed. Precise time of application for a specific area will vary because of climate and individual cultural practices. Consult the Agricultural Experimental Station or Extension Service turf grass specialist or your local nursery for additional information regarding specific weed germination times in your area.

HOW TO APPLY: For best crabgrass control, this product must be applied evenly over your lawn without skips or misses. Determine the correct amount for your lawn area. Do not over-apply or under-apply. Apply the contents of this bag for every 5,000 square feet of lawn area. Apply evenly with a lawn spreader with a two-pass application, criss-crossing the area at half the rate each time. When the two-step procedure is not practical, apply this product in one-trip over the lawn, using the one-step setting listed below. Be careful to cover the lawn completely since crabgrass can grow in spots that are missed.

This 20 (or 18) pound bag should be used on 5000 square feet. Apply evenly with a lawn spreader either as one-pass application or a two-pass application criss-crossing the area at half the rate each time. The following settings are approximate for applying contents of this package at the above suggested rate. Check your spreader on 250 square feet and adjust to apply at the rate of 1 lb. (or .9 for 18# bag) per 250 square feet. Settings can vary with type, age and condition of spreader. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Clean spreader thoroughly after use.

APPROXIMATE SPREADER SETTINGS*
Recommended Two-Step Settings
(Half-Rate)

Make	Recommended Two-Step Settings (Half-Rate)	One-Step Settings
Central	6-1/2 - 7	7-1/2 - 8
Cyclone	3-1/2 - 3-3/4	4 - 4-1/2
Greenview	6-1/2 - 7	7-1/2 - 8
Ortho 3000	6-1/2 - 7-1/4	8 - 8-3/4
Scotts Drop	4-1/2 - 5	5-1/2 - 6
Sears	7 - 8	9 - 10

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in an area inaccessible to children and domestic animals. Do not store near feed or foodstuff. To prevent cross-contamination, do not store near open containers of fertilizer, seed or other pesticides.

DISPOSAL: If empty - Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled** - If product cannot be used as directed, or offered to others for their use, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

OPTIONAL GUARANTEE: Seller Policy - 100% satisfaction guaranteed. If for any reason you are not satisfied with the results after using this premium product, you are entitled to get your money back. Simply bring proof of purchase to any seller location.

WARRANTY: Seller 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, mixture 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.

(RV 052203)

The following note will not be part of the actual label copy.

*Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers.