

228-158

6/26/2003

Jacket

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Russell F. Sawyer
Nufarm Americas Inc.
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60527-0866

JUN 26 2003

Dear Mr. Sawyer:

Subject: Revised Label
Riverdale Pre-Emergent Crabgrass Control Concentrate
EPA Registration Number 228-158
Your Submission Dated June 13, 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 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

2/A

(Residential Label)

RIVERDALE®

PRE-EMERGENT CRABGRASS
CONTROL CONCENTRATE

ACTIVE INGREDIENT:

N-Butyl-N-ethyl-alpha, alpha, alpha, trifluoro-2,6,dinitro-p-toluidine 10%

INERT INGREDIENTS: 90%
TOTAL 100%

GUARANTEED ANALYSIS

Total Nitrogen (N) 34%

Fertilizer guaranteed by (Name of fertilizer registrant)

Riverdale is a Registered Trademark of Riverdale - A Nufarm Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

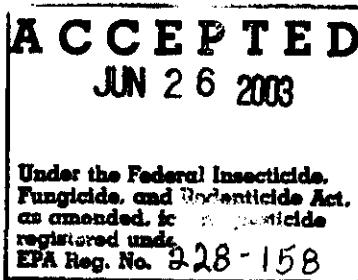
SEE BACK PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT 20 POUNDS

EPA REG. NO. 228-158

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS INC., BURR RIDGE, ILLINOIS 60527-0866



3/A

(Back Panel)**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust or spray
mist. Avoid contact with skin, eyes, or clothing.

FIRST AID STATEMENT

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

- 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.
- 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.
- 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.
- INHALED:** Move person to fresh air. If person is not breathing, call 911 or an
ambulance, then give artificial respiration, preferably mouth-to-mouth if
possible. Call a poison control center or doctor for further treatment
advice.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. 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
THE LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Do not apply when weather conditions favor runoff from target area.

Read the following carefully before application. Use this product only for recommended
weeds and at recommended dosages.

Use on residential ESTABLISHED turfs listed below which are tolerant to the herbicide
in this product when applied as directed. See Precautions.

Bahiagrass	Fescue (Except Fine Leaved)
Bermudagrass	Ryegrass (Perennial)
Bluegrass (Perennial)	St. Augustinegrass
Centipedegrass	Zoysiagrass

HOW TO APPLY:

Apply to established turf before germination of annual weeds listed below. The general
methods of application are covered below. The precise time of application for a specific
weed will vary significantly because of climate and individual cultural practices.
Consult State Agricultural Experiment Station weed specialists or local turf authorities
for any additional information regarding specific weed germination dates in your area.

APPLICATION DIRECTIONS:**Application Equipment**

This product is to be mixed with water and applied as a spray. Apply in 50 to 250 gallons
of water per acre (broadcast basis) using any properly calibrated spray unit.

Weeds Controlled

This product will control annual bluegrass (Poa Annua), smooth crabgrass, hairy crabgrass, goosegrass, (silver crabgrass or crowfoot), water grass (barnyard grass), yellow and green foxtail. It will not control established weeds.

APPLICATION RATES:**Southern (warm season) grasses**

For pre-emergent control of annual bluegrass (Poa Annua) apply in late summer to early fall, prior to annual bluegrass seed germination. Additional applications at the same rate can be made 4 to 6 months later in early spring, prior to soil warming and subsequent germination, in areas heavily infested in thin turf areas.

For pre-emergent control of crabgrass, foxtail, barnyard grass and goosegrass apply in late winter or early spring prior to annual bluegrass seed germination. Additional applications at the same rate can be made 4 to 6 months later in early Spring, prior to soil warming and subsequent germination, in areas heavily infested in thin turf areas.

For pre-emergent control of crabgrass, foxtail, barnyard grass and goosegrass apply in late winter or early spring prior to annual weed grass germination. A second application may be made 4 to 6 months after initial treatment for continued control of annual weeds which may germinate into the summer or early fall.

AMOUNT TO APPLY:

Use 0.69 lbs. per 1,000 sq. ft. or 30 pounds per acre (equivalent to 3 pounds of active ingredient per acre). Mix with sufficient water for adequate coverage.

APPLICATION RATES:**Northern (cool season) grasses.**

For pre-emergent control of annual bluegrass (Poa Annua), apply in late summer to early fall (mid-July to September) or in early spring prior to annual bluegrass germination.

AMOUNT TO APPLY:

Use 0.46 pounds per 1,000 sq. ft. or 20 pounds per acre (equivalent to 2 lbs. active ingredient per acre). Mix with sufficient water for adequate coverage.

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in a locked, dry storage area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. 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.

WARRANTY

Seller warrants that this herbicide conforms to the chemical description on its label. When use 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 060603)