

228-170

2-17-2004

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

FEB 17 2004

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

Dear Mr. Sawyer:

Subject: Revised Label  
Riverdale Lawn Weed Killer  
EPA Registration Number 228-170 ✓  
Your Submission Dated January 13, 2004

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:

a. Delete the phrase, "or offered to others for their use," from the **if partly filled** disposal statement. This phrase is not related to disposal and is misleading to the user, therefore the product could be deemed to be misbranded with such a phrase.

b. On page 2 specify "... mixture of two herbicides". This product contains only two herbicides 2,4-D and Dicamba.

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 me at 703-305-6224.

Sincerely yours,

JSI

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

Enclosure

RIVERDALE®

LAWN WEED KILLER

KILLS DANDELIONS

Effective for control of dandelions, clover in lawns, poison ivy, poison oak  
Contains 2,4-D for dandelions, Dicamba for general weed control

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	12.30%
Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic Acid)**	2.00%
Dimethylamine Salt of related Acids	0.33%
INERT INGREDIENTS:	85.37%
TOTAL	100.00%

Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	10.21%, 0.890 lbs./gal.
**3,6-dichloro-o-anisic Acid	1.66%, 0.145 lbs./gal.

Riverdale is a Registered Trademark of Riverdale - A Nufarm Company

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**SEE SIDE PANEL FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

NET CONTENTS GALS.

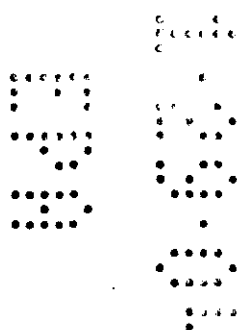
EPA REG. NO. 228-170

EPA EST. NO. 228-IL-1

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
**FEB 17 2004**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended for the pesticide  
registered under EPA Reg. No.  
228-170



Revised 1/13/04 Changed First Aid Statement per PR 2001-1 and Disposal Statement per PR 2001-6, also redefined Ornamental Turf per EPA's request all via Amendment.

(Side Panels)

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

Do not get in eyes. Causes substantial but temporary eye injury. Harmful if swallowed. Avoid breathing vapors or spray mist and contact with skin or clothing. When using this product wear long-sleeved shirt, long pants, socks, shoes, rubber gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection. After using this product rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

If this container is over 1 gallon and less than 5 gallons, the persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron. If this container is 5 gallons or more in capacity, then a mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**FIRST AID STATEMENT**

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

- 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 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 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 aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**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 Lawn Weed Killer is a stable mixture of three herbicides. It is for use on Residential Turf.

**USE PRECAUTIONS**

**IMPORTANT:** Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray near these plants. Do not apply on or near desirable trees or plants or in locations where chemicals may be washed or moved into contact with their roots. Do not spray roots of desirable trees and plants. Do not spray on carpetgrass, dichondra, nor on grasses where desirable clovers are present. Do not apply to newly seeded grasses until they have been mowed 3 times. Do not cut grass 1 to 2 days before and after application. Do not reseed for 3 to 4 weeks after use. If lawn needs watering, water thoroughly before application. Do not water for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours. Avoid fine mists. Use a lawn type sprayer with a coarse spray as wind drift is less likely. Spray entire lawn, wetting weeds and lawn grasses. Do not exceed recommended rates because damage to turf may occur. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not apply when temperature exceeds 90°F. Make new dilution for each use. Shake well before using.

Riverdale Lawn Weed Killer contains both 2,4-D and Dicamba for effective control of a broad range of weeds infesting lawns.

Riverdale Lawn Weed Killer is effective for the control of Burdock, Canada thistle, Chicory, Chickweed (mouseear: common & stitchwort), Clover, Dandelion, Dock, Dog fennel, English daisy, Frenchweed, Ground ivy, Hawkweed, Healall, Henbit, Jimsonweed, Knotweed erect, Knotweed prostrate, Lambsquarters, Mallow, Morningglory, Mustard, Oxalis, Pennywort, Peppergrass, Pigweed, Plantain, Poison ivy, Poison oak, Purslane, Ragweed, Sheep sorrel, Smartweed, Spotted spurge, Wild aster, Wild carrot, Wild garlic, Wild onion, Wild radish, Woodsorrel, and many other broadleaf weeds.

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second (or an additional) treatment in 3 to 4 weeks.

**LAWN WEEDS:** To kill Dandelion, Wild onion, Pennywort, Plantain, Healall and similar weeds, use 8 ounces in 6 gallons of water and apply with sprayer or sprinkling can to 2,500 square feet of lawn. For smaller areas use 2 teaspoonfuls in 2 quarts of water applied to 100 square feet. For larger areas use 1 gallon in 50 gallons of water.

To kill undesirable plants such as Poison ivy and Poison oak, use 8 teaspoonfuls in 2 quarts of water or 1 gallon in 12-1/2 gallons of water and drench plants when they are fully leaved. Repeat in about 4 weeks if necessary. Certain hard-to-kill weeds such as Poison ivy, Poison oak and English daisy may require a Fall application.

**STORAGE AND DISPOSAL**

**STORAGE:** To be stored in original container and placed in an area inaccessible to children.

**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.

**NOTICE:** Buyer assumes all risks of use, storage and handling of this product, not in strict accordance with directions given herewith.

(RV 011304)

