

228-342

6/5/2003

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUN 5 2003

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

Dear Mr. Sawyer:

Subject: Label Revisions
Riverdale Dissolve Premium Granular Weed Killer
EPA Registration Number 228-342
Your Submission Dated April 18, 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. Based on our meeting of May 28, 2003, make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. On the "Residential" labeling modify the Environmental Hazards statement to read as follows:

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

b. On the "Residential" labeling delete "Golf Courses (Fairways, Aprons, Tees and Roughs)", "Parks" and "Cemeteries" and "similar non-crop areas". The intended use site should be specified as "Lawns" or "Ornamental Turf Lawns".

c. On the "Commercial" labeling delete "such as" and specify "and similar ornamental turf areas" or add the following WPS Exclusionary statement:

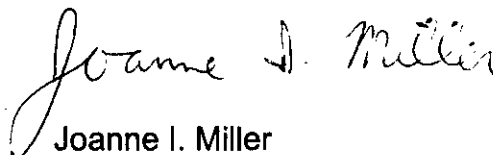
Not for use on turf being grown for sale or other commercial use such as sod, or for commercial seed production, or for research purposes.

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". The signature is written in black ink and is positioned above the typed name.

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

Enclosure

(Non-Commercial Label)

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RIVERDALE®

DISSOLVE® PREMIUM GRANULAR WEED KILLER

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE WHICH CONTROLS
A WIDE SPECTRUM OF BROADLEAF WEEDS

Weeds contacted by this product gradually die and disappear from the lawn.

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

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	1.400%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	0.726%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	0.715%
INERT INGREDIENTS:	97.159%
TOTAL	100.000%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2,4-Dichlorophenoxyacetic Acid	1.16%
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	0.60%
***2-(2,4-Dichlorophenoxy)propionic Acid	0.60%

Riverdale and Dissolve are Registered Trademarks of Riverdale - A Nufarm Company

Patent No. 5,266,553

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-342

NET WEIGHT 10 LBS.

EPA EST. NO. 228-IL-1

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

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 5 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-342

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. 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 dust has settled.

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 nontarget plants. 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.

DISSOLVE® PREMIUM GRANULAR WEED KILLER is a stable mixture of three herbicides. It is for use on Ornamental Turf, such as Lawns, Parks, Cemeteries, and Golf Courses (Fairways, Aprons, Tees and Roughs) and other similar non-crop areas.

This product may be used on Bahia, common Bermuda, Bluegrass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. DO NOT USE on Dichondra and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

This product is designed to control many broadleaf weeds, such as Alder, Artichoke, Aster, Austrian fieldcress, Beggartick, Bident, Bindweed, Bitterweed, Bitter winter cress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarter, Locoweed, Lupine, Mallow, Marshelder, Mexicanweed, Morningglory, Musk

thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in Spring or early Fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain, sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to Southern grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 10 pound bag should be used on 5000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is equal to one application.

The following settings are approximate for applying contents of this package at a suggested rate of 2 pounds per 1000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 sq. ft. and adjust to apply at the rate of 1/2 lb. per 250 sq. ft.

SPREADER SETTINGS

ONE PASS APPLICATION:°

<u>MAKE</u>	<u>SETTING</u>
Ortho Drop (3000, 5000 models)	7
Ortho Rotary (4000, 4000T, 6000, 6000T models)	9-1/2
Scott's Speedy Green	4-1/4
Scott's Easy Green	27-3/4
Scott's Drop	7-3/4
Scott's R7X	I-J
Prize C8-85 & CBT-85	4.7
Lesco	I-J
Cyclone	4.7
Spyker	4.7
Lely	3.0

Environmental Benefits

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.

- ✓ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- ✓ Reduces Glare & Reduces Noise
- ✓ Traps Dust, Smoke Particles & other Pollutants
- ✓ Purifies Water & Modifies Temperature
- ✓ Improves Soil Condition & Controls Erosion

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in locked storage area inaccessible to children and domestic animals. Do not store near other 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.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(RV 041803)

OPTIONAL SPREADER INSTRUCTIONS:

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

OPTIONAL MARKETING STATEMENTS

Contains Dissolve® A Premium Broadleaf Herbicide

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

Note: Spreader Settings will vary among various commercial manufacturers.