

228-278

03/17/2003

1/9



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

MAR 17 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 Triamine Premium Granular Weed Killer  
EPA Registration Number 228-278  
Your Submission Dated February 21, 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:

- Delete "and similar non-crop areas". This phrase implies that is product could be applied to sites other than ornamental 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 black ink, appearing to be "DS" or similar initials.

Donald R. Stubbs, Chief  
Herbicide Branch  
Registration Division (7505C)

Enclosure

(Non-Commercial)

2/9

RIVERDALE®

TRIAMINE® PREMIUM

GRANULAR WEED KILLER

*Extra  
copy w/  
#6111720  
changes*

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

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

**CONTAINS 2,4-D, MECOPROP-p AND DICHLORPROP-p.**

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

**GET THE OPTICAL ADVANTAGE®**

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	0.843%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**†	0.424%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***†	0.417%
<b>INERT INGREDIENTS:</b>	<u>98.316%</u>
<b>TOTAL</b>	<b>100.000%</b>

**ISOMER SPECIFIC METHOD, EQUIVALENT TO:**

*Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid	0.70%
**(+)-R-Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid	0.35%
***(+)-R-Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid	0.35%

†CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p AND DICHLORPROP-p.

Riverdale, Triamine and The Optical Advantage are Registered Trademarks of Riverdale - A Nufarm Company

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**MAR 17 2003**

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

**EPA REG. NO. 228-278**

**NET WEIGHT 10 LBS.**

**EPA EST. NO. 228-IL-1**

**MANUFACTURED BY NUFARM AMERICAS, INC., BURR RIDGE, ILLINOIS 60527-0860**

(Back Panel)

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

Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust and contact with eyes, skin, or clothing. 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.
- IF 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 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.

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

This product may be used on Bahia, common Bermuda, Blue Grass, 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, Bidden, Bindweed, Bitterweed, Bitter wintercress, 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, Sagebrush, 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. 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 5,000 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 1,000 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 square feet and adjust to apply at the rate of ¼ lb. per 250 square feet. Clean spreader thoroughly after use.

**SPREADER SETTINGS FOR  
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
Scotts R7X	I-J
Prize C8-85 & CBT-85	4.7
Lesco	I-J
Cyclone	4.7
Spyker	4.7
Lely	3.0

**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 pesticide.

**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 022103)

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

NOTE: Spreader Settings will vary among various commercial granule manufacturers.

(Commercial Label)

*EXTRA COPY  
w/ HIGHLIGHTED  
CHANGES*

6/9

RIVERDALE®

TRIAMINE® PREMIUM

GRANULAR WEED KILLER

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

**MAR 17 2003**

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**Under the Federal Insecticide,  
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registered under EPA Reg. No.  
228-278**

**ACTIVE INGREDIENTS:**

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**EPA REG. NO. 228-278**

**EPA EST. NO. 228-IL-1**

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Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D, Mecoprop and Dichlorprop have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these phenoxy pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or 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.

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SPREADER SETTINGS FOR  
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
Scotts R7X		I-J
Prize C8-85 & CBT-85		4.7
Lesco		I-J
Cyclone		4.7



Spyker  
Lely

4.7  
3.0

**STORAGE AND DISPOSAL**

**STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticide. Do not stack more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 and may contaminate groundwater. 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.

**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 022103)

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

\*NOTE: Spreader Settings will vary among various commercial granule manufacturers.

