

228-229

08/26/2003

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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

AUG 26 2003

Dear Mr. Sawyer:

Subject: Revised Label
Riverdale Triamine II Granular Weed Killer
EPA Registration Number 228-229
Your Submission Dated June 30, 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 "Residential" labeling delete "all". The phrase "It is for use on all Residential Turf" is contradicted by the statement "DO NOT USE on Dichondra and Carpet grass".

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

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(Commercial Label)

(Front Panel)

RIVERDALE®

TRIAMINE® II

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.

CONTAINS MCPA, MECOPROP AND DICHLORPROP

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

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-chlorophenoxyacetic Acid*	0.416%
Dimethylamine Salt of 2-(2-Methyl-4-chlorophenoxy)propionic Acid**	0.411%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	0.405%
INERT INGREDIENTS:	98.763%
TOTAL	100.000%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2-Methyl-4-chlorophenoxyacetic Acid	0.34%
**2-(2-Methyl-4-chlorophenoxy)propionic Acid	0.34%
***2-(2,4-Dichlorophenoxy)propionic Acid	0.34%

Riverdale and Triamine 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

EPA REG. NO. 228-229

NET WEIGHT 20 LBS.

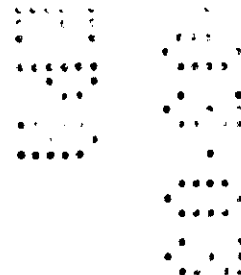
EPA EST. NO. 228-IL-1

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

ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 26 2003

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

228-229



Revised 3/21/03 Changed First Aid Statement per PR 2001-1, also redefined Ornamental Turf
per EPA's request and added an Environmental Statement all via Amendment.
6/30/03 Corrected per EPA's Request 5/28/03 Meeting and letter dated 4/28/03.

(Back Panel)

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

May cause eye irritation. Avoid inhalation of dust and contact with eyes, skin, or clothing. Wash thoroughly with soap and water 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 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

Drift or runoff may adversely affect non-target 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 or rinsate. Do not contaminate water used for irrigation or domestic purposes.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA, MCPP and 2,4-DP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these 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.**

TRIAMINE® II GRANULAR WEED KILLER is a stable mixture of three herbicides. It is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf 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 such broadleaf weeds as: Alders, Beggarticks, Bindweed, Black medic, Blue lettuce, Buckhorn, Burcucumber, Burdock, Buttercup, Canada thistle, Carpetweed, Catsear, Chervil, Chickweed, Chicory, Clover, Cocklebur, Croton, Dandelion, Dock, Dogfennel, Dragonhead mint, Dwarf nettle, English daisy, Fanweed, Fat hen, Field bindweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Halbertleaved salt bush, Hawkweed, Healall, Heartleaf drymary, Hempnettle, Henbit, Hoary cress, Honeysuckle, Jimsonweed, Kochia, Knotweed, Lambsquarters, Mallow, Marshelder,

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Mexican poppy, Minerslettuce, Moneywort, Morningglory, Mustard, Nutgrass, Oxalis, Pennycress, Pennywort, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Prickly lettuce, Puncture vine, Purslane, Ragweed, Red clover, Red root, Red sorrel, Red stem, Sheep sorrel, Sheperdspurse, Smartweed, Sneezeweed, Sowthistle, Spanishneedles, Speedwell, Spurge, Spurweed, Stinging nettle, Stinkweed, Stitchwort, Sunflower, Sweet clover, Thornapple, Toadflax, Tree-of-heaven, Velvet leaf, Veronica, Vetch, Violet, Virginia buttonweed, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild gooseberry, Wild jute, Wild lettuce, Wild marigold, Wild petunia, Wild onion, Wild radish, Wild sage, Wild strawberry, Willow, Witchweed, Woodsorrel, Yarrow, Yellow charlock-mustard, Yellow daisy, Yellow rocket, and other broadleaf weeds.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in Spring or early Fall. Apply when grass is moist (after a rain, sprinkling or dew). For most effective broadleaf weed killing action, avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours following treatment. Avoid contact with desirable shrubs, plants, vegetables, or flowers. 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. 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. Do not cut grass 1 to 2 days before and after application.

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 20 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 also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4 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 lb. per 250 sq. ft. Clean spreader thoroughly after use.

SPREADER SETTINGS FOR ONE PASS APPLICATION:

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

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

(Residential Label) (
(Front Panel)
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Table with 2 columns: Ingredient Name and Percentage. Includes Dimethylamine Salt of 2-Methyl-4-chlorophenoxyacetic Acid* (0.416%), Dimethylamine Salt of 2-(2-Methyl-4-chlorophenoxy)propionic Acid** (0.411%), Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid*** (0.405%), and INERT INGREDIENTS (98.763%). TOTAL 100.000%

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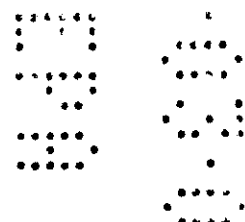
SEE BACK PANEL FOR FIRST AID
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EPA REG. NO. 228-229. NET WEIGHT 20 LBS. EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS INC., BURR RIDGE, ILLINOIS 60527-0863

ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 26 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-229



Revised 3/21/03 Changed First Aid Statement per PR 2001-1 and Disposal Statement per PR
2001-6, also redefined Ornamental Turf per EPA's request and added an
Environmental Statement all via Amendment.
6/30/03 Corrected Ornamental Sites per EPA's Request 5/28/03 Meeting.

(Back Panel)

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(Grasscycling Logo)

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- ✓ 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 other 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 063003)

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

NOTE: Spreader Settings will vary among various commercial manufacturers.