228-303

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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 2 5 2003

Dear Mr. Sawyer:

Subject:

Revised Label

Riverdale Tri-Power Granular Weed Killer EPA Registration Number 228-303 Vour 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,

Joanne I. Miller

Product Manager (23)

Herbicide Branch

Registration Division (7505C)

anne J. Miller

**Enclosure** 

## (Commercial Label)

## RIVERDALE® ....

## TRI-POWER GRANULAR WEED KILLER ...

## THIS PRODUCT IS A PREMIUM GRADE HERBICIDE WEICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS.

Weed 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-Methyl-4-Chlorophenoxyacetic Acid*       |      |     |     |    |    |     |    | . 1.01% |  |
| Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Aci  |      |     |     |    |    |     |    |         |  |
| Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)***    | , .  |     |     | ٠  |    |     |    | . 0.09% |  |
| INERT INGREDIENTS:   |      |     |     |    |    |     |    | 98.50%  |  |
|  | TOT  | 'AL |     |    |    |     |    | 100.00% |  |
| SECTABLE OF THE A  |      |     |     |    |    |     |    |         |  |
| $\hat{s} = \hat{s} \cdot \hat{s}$                                | ٠    |     |     |    |    |     |    |         |  |
| ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:                      |      |     |     |    |    |     |    |         |  |
| *2-Methyl-4-Chlorophenoxyacetic Acid                             |      |     |     | •  |    |     |    | . 0.82% |  |
| **2-(2-Methyl-4-Chlorophenoxy)propionic Acid                     |      |     |     |    |    |     |    | . 0.33% |  |
| ***3,6-Dichloro-o-Anisic Acid                                    |      | •   | •   | •  | •  | •   | •  | . 0.08% |  |
|  |      |     |     |    |    |     |    |         |  |
| Riverdale and Tri-Power are Registered Trademarks of Riverdale - | A Nu | ıfa | rm. | Co | mţ | pan | ıу |         |  |

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EPA REG. NO. 228-303

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In EPA Letter Dated

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Under the Federal Insecticide,
Fundicide, and Rodenticide Act
as amended, for the posticide
registered under EPA Reg. No.
226 - 203

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

Riverdale Tri-Power® Granular Weed Killer (Commercial)

Page 2

#### PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Avoid contact with skin, eyes, or clothing. Harmful if absorbed through skin. Causes moderate eye injury. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### 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 nor pour the washwaters on the ground; spray or drain over a large area away from wells, other water sources and desirable plants.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA and MCPP 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 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.

TRI-POWER® 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 many broadleaf weeds such as Beggartick, Bindweed, Black medic, Buckhorn, Burcucumber, Burdock, Buttercup, Canadian thistle, Carpetweed, Catsear, Chervil, Chicory, Chickweed, Cinquefoil, Clover, Cocklebur, Croton, Daisy, Dandelion, Dock, Dog fennel, Dragonhead mint, English daisy, Fat hen, Fennel, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Halbert-leaved saltbush, Hawkweed, Healall, Heartleaf drymary, Hempnettle, Henbit, Hoary cress, Honeysuckle,

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Jimsonweed, Knotweed, Kochia, Lambsquarter, Mallow, Marshelder, Mexican poppy, Morningglory, Mustard, Nettle, Oxalis, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Prickly lettuce, Puncturevine, Purslane, Ragweed, Red clover, Red root, Red sorrel, Redstem, Sheep sorrel, Shepherdspurse, Sicklepod, Smartweed, Sneezeweed, Sow thistle, Spanishneedle, Speedwell, Spurge, Spurweed, Stinging nettle, Stinkweed, Stitchwort, Sunflower, Thistle, Thornapple, Toadflax, Veronica, Vetch, Whitebrush, White top, Wild aster, Wild carrot, Wild geranium, Wild gooseberry, Wild jute, Wild lettuce, Wild marigold, Wild onion, Wild petunia, Wild radish, Wild sage, Wild garlic, Wintercress, Witchweed, Wood sorrel, Yarrow, Yellow charlock, Yellow daisy, Yellow rocket.

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 water 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 turn 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 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 <u>approximate</u> 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 square feet and adjust to apply at the rate of 1 lb. per 250 square feet. Clean spreader thoroughly after use.

SPREADER SETTINGS ONE PASS APPLICATION:°

| MAKE               | . 1 | SETTING      |
|--------------------|-----|--------------|
| Central Calibrated |     | 5            |
| Cyclone Broadcast  | -   | 3-3/4        |
| Jackson            |     | 5            |
| Sears Broadcast    | 251 | : / <b>3</b> |
| Sears              |     | 5 '          |
| Scotts Calibrated  |     | 4            |

# Environmental Benefits (Grassovang)

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
- ✓ Purtfles 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 feed or food stuffs. To prevent cross-contamination, do not store near open containers of fertilizer, seed or other pesticides.

**PESTICIDE DISPOSAL:** 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. 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 out of 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 063003)

#### OPTIONAL SPREADER INSTRUCTIONS:

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, over-lapping 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, over-lapping very slightly.

## OPTIONAL MARKETING STATEMENTS

Contains Tri-Power a Premium Broadleaf Herbicide

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

°NOTE: Spreader settings will vary among various manufacturers

## (Residential Label)

## RIVERDALE® '

## TRI-POWER GRANULAR WEED KILLER The same programmers

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

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

3 5 6 6 3 No. 6 Treats (or covers) 5,000 Sq. Ft. (50' x 100')

| 22   | .01%<br>.40%<br>.09%<br>.50% |
|--|------------------------------|
| **2-(2-Methyl-4-Chlorophenoxy)propionic Acid | . 82%<br>. 33%<br>. 08%      |

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226-303

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

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

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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 feed or food stuffs. 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.

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