

228-271

01-07-2004

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

JAN -7 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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

Dear Mr. Sawyer:

Subject: Revised Label
Riverdale Tri-Power Lawn Weed Killer
EPA Registration Number 228-271
Your Submission Dated December 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 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,

/s/

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

Enclosure

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(Residential Label)

RIVERDALE®

TRI-POWER® LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN RESIDENTIAL TURF

CONTAINS MCPA, MECOPROP-p AND DICAMBA

One Quart Treats (Covers) up to 20,000 Sq. Ft.
(See Directions for Different Grasses)

KILLS: Dandelion, Chickweed, Black medic, Knotweed, Plantains, Oxalis,
Clover, Cocklebur, Thistles and many other species of
broadleaf weeds; some of which are listed on this label.

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	10.10%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)Propionic Acid**†	2.00%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.99%

INERT INGREDIENTS:	<u>86.91%</u>
TOTAL	100.00%

By Isomer Specific Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	8.25%, 0.71 lbs/gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)Propionic Acid	1.65%, 0.14 lbs/gal.
***3,6-Dichloro-o-Anisic Acid	0.82%, 0.07 lbs/gal.

†CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p.

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

ACCEPTED

In EPA Letter Dated

JAN - 7 2004

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

228-271

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA REG. NO. 228-271

NET CONTENTS

EPA EST. NO. 228-IL-1

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

Revised 2/28/03 Changed First Aid Statement per PR 2001-1 and Disposal Statement per PR 2001-6 via Amendment.
A/O 6/30/03 Corrected Ornamental Sites per EPA letter dated 6/30/03.

(Back Panels)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Avoid contact with eyes, skin or clothing. Avoid inhalation of spray mists. Wash thoroughly 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.
- 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

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate nor pour washwater on the ground; spray or drain over a large area away from wells and other water sources. 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 MCPA and Mecoprop 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® Lawn Weed Killer is for use on Residential Turf.

USE PRECAUTIONS

Maximum kill of weeds will be obtained from Spring or early Fall applications when weeds are actively growing. Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray roots of desirable trees and plants. Do not spray on Dichondra, Lippia, 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 a new dilution for each use. Shake well before using.

WEEDS CONTROLLED BY TRI-POWER® LAWN WEED KILLER

Bindweed, Black medic, Buckhorn, Burdock, Buttercup, Canada thistle, Carpetweed, Chickweed, Chicory, Clover, Cocklebur, Dandelion, Dock, Dog fennel, English daisy, Florida pusley, Frenchweed, Goldenrod, Ground ivy, Hawkweed, Healall, Heartleaf drymary, Henbit, Jimsonweed, Knotweed, Kochia, Lambsquarters, Mallow, Morningglory, Mustards, Oxalis, Pennywort, Pepperweed, Pigweed, Plantain, Poison ivy, Poison oak, Purslane, Ragweed, Red clover, Red sorrel, Sheep sorrel, Shepherdspurse, Smartweed, Speedwell, Spurge, Spurweed, Stinging nettle, Stitchwort, Thistles, Toadflax, Veronica, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wood sorrel, Yarrow and many other broadleaf weeds.

ORNAMENTAL LAWNS AND TURFS

Cool Season Grasses

Apply TRI-POWER Lawn Weed Killer at the rate of 1 to 1-1/2 pints in 2 to 25 gallons of spray solution per 5000 square feet (3 to 5 fl. oz. in 1/2 to 5 gallons of water per 1,000 square feet) to control weeds growing in ornamental lawn turf planted to Kentucky bluegrass, perennial ryegrass, tall fescue or fine fescue. Avoid applications to bentgrass maintained as a desired turfgrass as temporary injury may result. Where bentgrass or other sensitive grasses are predominant in a lawn, use the lower rate.

Warm Season Grasses

Apply TRI-POWER Lawn Weed Killer at the rate of 14 fl. oz. to 1-1/4 pints in 2 to 25 gallons of spray solution per 5000 sq. ft. (2-1/2 to 4 fl. oz. in 1/2 to 5 gallons of water per 1,000 square feet) to control weeds growing in bermuda grass or zoysia grass. Applications to other grass species including bahiagrass, kikuyugrass, buffalograss, centipedegrass, carpetgrass or St. Augustinegrass should be avoided unless injury can be tolerated. Avoid applications to warm season grasses emerging from Winter dormancy unless a slight delay in Spring green-up can be tolerated.

For Spot Treatment: Put 3 teaspoons TRI-POWER Lawn Weed Killer into an empty quart container with trigger sprayer. Then add 30 oz. tap water. Adjust spray nozzle to give coarse spray. Aim at center of weed and spray to wet. Applicator Cap - Hold applicator end about 6 inches from surface to be treated and thoroughly wet. To obtain wider coverage, raise container. One application should be sufficient. Effects begin to show after a few days and weeds gradually die. A repeat application may be required in 3 to 4 weeks for hard-to-control weeds.

To kill undesirable plants such as poison ivy, poison oak, and kudzu, use 5 fl. oz. 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.

DISPOSABLE SPRAYER AND BOTTLE INSTRUCTIONS

Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 10,000 sq. ft. for

Cool Season grasses or 20,000 sq. ft. for Warm Season grasses. Connect spray nozzle to hose. Remove bottle cap and screw bottle into nozzle. While holding sprayer at waist level, point in direction away from face and body. Turn on the water at the tap. Place finger over hole on right side of nozzle (or turn on/off lever to the "ON" position) and the Lawn Weed Killer will mix automatically at the proper ratio. Walk back and forth at steady pace.

2,000 Sq. Ft. 4,000

4,000 Sq. Ft. 8,000

(Optional marks on left for 1 qt. disposable bottle.
Not to scale.)

6,000 Sq. Ft. 12,000

8,000 Sq. Ft. 16,000

10,000 Sq. Ft. 20,000
Cool Season Warm Season**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 063003)

Additional Statement for Sub-registrants not using the word "Tri-Power®" in the product name: "Contains Tri-Power® Selective Herbicide."

ALTERNATE INSTRUCTIONS FOR G. T. LAWN WEED KILLER**Cool Season Grasses**

To control weeds growing in Kentucky Bluegrass, perennial ryegrass, tall fescue or fine fescue, mix 5 oz. of Tri-Power Lawn Weed Killer in 1 to 5 gallons of water and spray to evenly cover 1,000 square feet of turfgrass. Avoid application to bentgrass maintained as a desired turfgrass as temporary injury may result.

Warm Season Grasses

To control weeds growing in Bermuda grass or zoysia grass, mix 3 oz. of Tri-Power Lawn Weed Killer in 1 to 5 gallons of water and spray to evenly cover 1,000 square feet of turfgrass.

Applications to other grass species including bahiagrass, kikuyugrass, buffalograss, centipede grass, carpetgrass, or St. Augustinegrass should be avoided unless injury can be tolerated. Avoid applications to warm season grasses emerging from Winter dormancy unless a slight delay in Spring green-up can be tolerated.

(Commercial Label)

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RIVERDALE®

TRI-POWER® LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN ORNAMENTAL LAWNS AND TURF GRASSES AND OTHER LISTED SITES

CONTAINS MCPA, MECOPROP-p AND DICAMBA

One Gallon Treats (Covers) up to 80,000 Sq. Ft. (See Directions for Different Grasses)

KILLS: Dandelion, Chickweed, Black medic, Knotweed, Plantains, Oxalis, Clover, Cocklebur, Thistles and many other species of broadleaf weeds; some of which are listed on this label.

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	10.10%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)Propionic Acid**†	2.00%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.99%
INERT INGREDIENTS:	86.91%
TOTAL	100.00%

By Isomer Specific Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	8.25%, 0.71 lbs/gal.
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†CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p.

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KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-271

NET CONTENTS

EPA EST. NO. 228-IL-1

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

Revised 2/28/03
A/O 6/30/03

Changed First Aid Statement per PR 2001-1 via Amendment.
Corrected Residential label per EPA letter dated 6/30/03. No changes made on Commercial label.

(Back Panels)

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

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ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect 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 or rinsate nor pour washwater on the ground; spray or drain over a large area away from wells and other water sources. 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 MCPA and Mecoprop 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.

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USE PRECAUTIONS

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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 a new dilution for each use. Shake well before using.

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ORNAMENTAL LAWNS AND TURFS

Cool Season Grasses

Apply TRI-POWER Lawn Weed Killer at the rate of 1-1/4 to 1-3/4 gallons in 20 to 240 gallons of spray solution per acre (3 to 5 fl. oz. in 1/4 to 5 gallons of water per 1,000 square feet) to control weeds growing in ornamental lawn turf planted to Kentucky bluegrass, perennial ryegrass, tall fescue or fine fescue. Avoid applications to bentgrass maintained as a desired turfgrass as temporary injury may result. Where bentgrass or other sensitive grasses are predominant in a lawn, use the lower rate.

Warm Season Grasses

Apply TRI-POWER Lawn Weed Killer at the rate of 1 to 1-1/2 gallons in 20 to 240 gallons spray solution per acre (2-1/2 to 4 fl. oz. in 1/4 to 5 gallons of water per 1,000 square feet) to control weeds growing in bermuda grass or zoysia grass. Applications to other grass species including bahiagrass, kikuyugrass, buffalograss, centipedegrass, carpetgrass or St. Augustinegrass should be avoided unless injury can be tolerated. Avoid applications to warm season grasses emerging from Winter dormancy unless a slight delay in Spring green-up can be tolerated.

Roadsides (including aprons and guard rails) rights-of-way, drainage ditchbanks and other similar non-crop areas. For control of broadleaf weeds, mix at a rate of 1/3 to 1 gallon of TRI-POWER Lawn Weed Killer per 12 to 75 gallons of water. This mixture will cover 11,000 sq. ft. Thoroughly saturate all weeds with spray mixture. Apply when plants come into full leaf (Spring) to the time plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume.

For Spot Treatment: Put 3 teaspoons TRI-POWER Lawn Weed Killer into an empty quart container with trigger sprayer. Then add 30 oz. tap water. Adjust spray nozzle to give coarse spray. Aim at center of weed and spray to wet. Applicator Cap - Hold applicator end about 6 inches from surface to be treated and thoroughly wet. To obtain wider coverage, raise container. One application should be sufficient. Effects begin to show after a few days and weeds gradually die. A repeat application may be required in 3 to 4 weeks for hard-to-control weeds.

To kill undesirable plants such as poison ivy, poison oak, and kudzu, use 5 fl. oz. 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: Always store pesticides in a secured warehouse or storage building. Store at temperatures above 32°F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticide. Do not contaminate water, food or feed by storage or disposal.

PRODUCT DISPOSAL: If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Seller warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use. (RV 063003)

Additional Statement for Subregistrants not using the word "Tri-Power®" in the product name: "Contains Tri-Power® Selective Herbicide".