

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 13 1999

Russell F. Sawyer  
Riverdale Chemical Company  
425 West 194<sup>th</sup> Street  
Glenwood, IL 60425-1584

Dear Mr. Sawyer:

Subject: Conversion from MCPP to MCPP-p  
Riverdale Tri-Power G. T. Lawn Weed Killer  
EPA Registration No. 228-310  
Your Submission Dated April 6, 1999

The Agency is conditionally approving an amendment to the registration of the above-referenced product under the authority of section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment the Agency is approving the conversion of the active ingredient mecoprop from its racemic form [2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof] to its single isomer form [(+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof]. The revised labeling and Confidential Statement(s) of Formula submitted in support of the conversion are acceptable with the following provisions:

1. This acceptance is based on your certification that no changes have been made to the Confidential Statements of Formula (CSF) or the product labeling other than those specified within the body of your certification statement. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute product containing the racemic form of mecoprop, or applicable salt thereof, and bearing the previously approved labeling for 18 months from the date of this letter.

Copies of the revised Confidential Statements of Formula (Basic and Alternate Formulations, dated April 6, 1999) have been placed in the Agency's file for the subject product. These CSFs supersede all previously submitted CSFs for this product.

DK1305-7546:NB/PM23

CONCURRENCES

SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	7/13/99						

A stamped copy of the labeling is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

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

Enclosure

RIVERDALE

TRI-POWER® G. T. LAWN WEED KILLER

FOR SELECTIVE CONTROL OF BROADLEAF WEEDS  
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS TRI-POWER® PREMIUM BROADLEAF HERBICIDE

One Quart Treats up to 10,000 square feet

Controls: 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:†

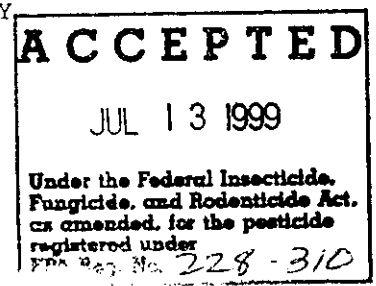
Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	10.10%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**†	2.00%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)***	0.99%
INERT INGREDIENTS:	86.91%
TOTAL	100.00%

By Isomer Specific Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	8.25%, 0.71 lbs./gal.
**(+)-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.

†TRI-POWER® IS A REGISTERED TRADEMARK OF RIVERDALE CHEMICAL COMPANY  
THE OPTICAL ADVANTAGE™ IS A TRADEMARK OF RIVERDALE CHEMICAL COMPANY



KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND  
STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS

EPA REG. NO. 228-310

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

(Left Side Panel)

**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.

**STATEMENT OF PRACTICAL TREATMENT**

- IF SWALLOWED:** Call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
- IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.

**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.

(Back Panel)

**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.**

**USE PRECAUTIONS**

**FOR MOST EFFECTIVE WEED CONTROL:**

Apply TRI-POWER® G. T. Lawn Weed Killer in the Spring or early Fall when weeds are actively growing. Do not cut grass for 1 to 2 days before or after application, water for 48 hours after application or apply if rainfall is expected within 48 hours of application.

- Do not** use this product for controlling weeds in flower or vegetable gardens, around shrubs or ornamental plantings.
  - Do not** spray roots of desirable trees and plants.
  - Do not** spray on Carpetgrass, Dichondra, Lippia, or on grasses where desirable clovers are present.
  - Do not** cut grass for 1 to 2 days before or after application, water for 48 hours after application or apply if rainfall is expected within 48 hours of application.
  - Do not** exceed recommended label rates - turf injury may occur.
  - Do not** apply when temperatures exceed 90°F.
  - Do not** apply to newly seeded grasses until they have been mowed 3 times or reseed for 3 to 4 weeks after application.
- Avoid fine mists. Use a lawn sprayer with coarse spray droplets. Spray entire lawn, evenly wetting weeds and lawn grasses. Do not spray to the point of dripping or running off. Spray when air is calm to reduce drift and injury to desirable plants.

**WEEDS CONTROLLED BY TRI-POWER® G. T. 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, Lambsquarter, Mallow, Morningglory, Mustard, Oxalis, Pennywort, Pepperweed, Pigweed, Plantain, Poison ivy, Poison oak, Purslane, Ragweed, Red clover, Red sorrel, Shepherdspurse, Smartweed, Speedwell, Spurge, Spurweed, Stinging nettle, Stitchwort, Thistle, 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 TURF**

For use on Bluegrass, Fescue, Ryegrasses, Bentgrass (maintained to lawn cutting height of 2 to 3 inches), Bahia, Common Bermuda, St. Augustinegrass and Centipede: 1 quart covers up to 10,000 square feet.

**NOTE:** Applications to St. Augustinegrass and Centipede may result in temporary discoloration. Avoid application to these grasses during hot and/or dry conditions. Applying 2 treatments of this product at 1/2 rate each, spaced 2 weeks apart are suggested to reduce this discoloration.

**MIXING INSTRUCTIONS**

(Optional wording based on package type and sprayer to be used)

**HAND PUMP PRESSURE SPRAYERS**

Measure the proper rate of TRI-POWER® G. T. Lawn Weed Killer to be used into tank and dilute with water according to the following chart:

Gallons of Water in Sprayer	Area to be Sprayed (square feet)	Amount of TRI-POWER® G. T. Lawn Weed Killer to Use
1	500	1½ ounces
2	1000	3 ounces
3	1500	4½ ounces
4	2000	6 ounces

After proper mixing in the sprayer, shake well and spray to wet and evenly cover the proper area to be sprayed according to the chart above. Use coarse spray droplets. Avoid fine mists.

**REUSABLE HOSE END SPRAYERS WITH METERING DIALS**

Set the metering dial on the hose-end sprayer to mix the proper rate of TRI-POWER® G. T. Lawn Weed Killer for your turf species according to the following instructions: Use 1.5 fluid ounces (3 Tablespoons) TRI-POWER® G. T. Lawn Weed Killer per gallon of water and uniformly spray to evenly cover 500 square feet of turf area.

**NOTE:** Applications to St. Augustinegrass and Centipede may result in temporary discoloration. Avoid application to these grasses during hot and/or dry conditions. Applying 2 treatments of this product at 1/2 rate each, spaced 2 weeks apart are suggested to reduce this discoloration.

When spraying is complete, return undiluted portion of TRI-POWER® G. T. Lawn Weed Killer to original container and follow sprayer manufacturers instructions for cleanup of sprayer.

**DISPOSABLE HOSE END SPRAYERS**

Determine area to be sprayed. Apply at the rate of 32 ounces (1 quart) per 10,000 square feet. 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 faucet. Place finger over hole on right side of nozzle (or 'tarp' ON/OFF lever to the ON position) and the TRI-POWER® G. T. Lawn Weed Killer will mix automatically at the proper ratio. Walk at a steady pace while spraying, using an even sweeping motion, lightly overlapping treated areas. Periodically check level of TRI-POWER® G. T. Lawn Weed

Killer in spray bottle to insure that you are using proper rate for area covered. If you are using more, increase your walking speed. If you are using less, decrease your walking speed.

When finished, turn ON/OFF lever to OFF, and turn water off at the faucet. Disconnect spray nozzle from hose and replace cap on spray bottle. Rinse off any spilled material from spray bottle and nozzle.

- 2,000 Sq. Ft.
  - 4,000 Sq. Ft.
  - 6,000 Sq. Ft.
  - 8,000 Sq. Ft.
  - 10,000 Sq. Ft.
- (Marks on left for 1 qt. disposable bottle. Not to Scale).

**SPOT TREATMENTS**

Put 1 Tablespoon (1/2 ounce) of TRI-POWER® G. T. Lawn Weed Killer into an empty quart trigger sprayer container. Add 30 ounces of water. Adjust spray nozzle to give a coarse spray. Aim at center of weed and spray to wet. A repeat application in 3 to 4 weeks may be required for hard-to-control weeds.

To control plants such as poison ivy, poison oak, and kudzu, use 5 Tablespoons (2-1/2 ounces) TRI-POWER® G. T. Lawn Weed Killer in 1 quart of water and spray plant to wet when it is fully leaved. Retreat in about 4 weeks if necessary. Early Fall applications on these difficult to control species may be more effective.

**STORAGE AND DISPOSAL**

**STORAGE:** To be stored in original container and placed in an area inaccessible to children.

**PRODUCT DISPOSAL:** Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Rinse thoroughly before discarding in trash. Do not reuse empty container.

**NOTICE:** Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith. (RV 040699,

**ALTERNATE STORAGE AND DISPOSAL**  
(for 1.5 ounce foil packets)

**STORAGE:** To be stored in original container and place in an area inaccessible to children.

**PRODUCT DISPOSAL:** Product must be disposed of only by use directions shown above.

**CONTAINER DISPOSAL:** Do not reuse empty packet. Discard in trash.

