

JAN 2 1991

Mr. Russell F. Sawyer
Riverdale Chemical Company
425 West 19th Street
Glenwood, Illinois 60425-1584

Dear Mr. Sawyer:

Subject: Amendment - To change product name to Riverdale Tri-
Power Selective Herbicide and to provide additional
use on warm season grasses
Riverdale CL/DAP Selective Herbicide
EPA File Symbol 228-262
Your Submission Dated August 27, 1990

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable provided that the following changes are made:

Page 2: under Hazards to Humans and Domestic Animals, add "long pants" before long sleeved shirt

Page 4: change ft to "fl" oz.

Please submit five (5) copies of your final printed labeling incorporating the amendment before you release the product for shipment. A stamped copy of your draft label is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Acting Product Manager (23)
Fungicide-Herbicide Branch
Registration Division

Enclosure

CONCURRENCES							
SYMBOL	H7505c						
SURNAME	D. W. Wilson						
DATE	12-31-91						

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RIVERDALE

TRI-POWER™ SELECTIVE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS MCPA, MECOPROP AND DICAMBA

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.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*40.42%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)Propionic Acid**15.97%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)*** 3.97%

INERT INGREDIENTS: 39.64%
TOTAL100.00%

By Isomer Specific AOAC Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid 33.0%, 3.13 lbs/gal.
**2-(2-Methyl-4-Chlorophenoxy)Propionic Acid 13.2%, 1.25 lbs/gal.
***3,6-Dichloro-o-Anisic Acid 3.3%, .31 lbs/gal.

Tri-Power - Trademark of Riverdale Chemical Company

For Use By Professional Turf Maintenance Personnel,
Landscaping or Commercial Applicators Only

KEEP OUT OF REACH OF CHILDREN

DANGER

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

NET CONTENTS

EPA REG. NO. 228-262

EPA EST. NO. 228-II-1

Manufactured By

RIVERDALE CHEMICAL COMPANY

Glenwood, Illinois 60425-1584

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 2 1991

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

228-262

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. This concentrate causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear face shield or goggles, long sleeved shirt, shoes and chemical resistant gloves when handling this concentrate. Harmful if swallowed or inhaled. Avoid inhalation of spray mists. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not re-enter or permit workers to re-enter area until sprays have dried

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Immediately flush with plenty of water for 15 minutes. Consult a physician immediately.
- IF SWALLOWED: Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.
- IF ON SKIN: Wash promptly with soap and water and rinse thoroughly. If irritation develops, get medical attention.
- IF INHALED: Remove victim to fresh air and apply respiration if indicated.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of ground water 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.

USE PRECAUTIONS:

Maximum kill of weeds will be obtained from Spring or early Fall applications when weeds are

actively growing.

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Do not use on Dichondra, nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Use the higher rate for hard-to-kill weeds. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceed 90°F.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) avoid applying if rainfall is expected within 24 hours, nor should lawns be irrigated (watered) for 24 hours following application; (3) turf should not be mowed 1 to 2 days before and following application; (4) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water and rinse thorough before reuse for other sprays.

Tri-Power™ can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test (given below) is recommended prior to mixing in the application equipment. All regulations, either state or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed. The following compatibility test should always be performed prior to full-scale mixing.

1. Pour 18 ounces of water into a quart jar.
2. Add 1 ounce of either the liquid fertilizer or liquid iron to be used.
3. Add 1 ounce of Tri-Power.
4. Close jar and shake well.
5. Watch the mixture for several seconds after shaking and check again after 30 minutes.
6. If the mixture does not show signs of separating the combination may be used. If the mixture foams excessively, gels, separates or gets very thick, do not combine for field application.
7. Compatibility may be improved by the use of a compatibility agent. Some suggested compatibility agents to try are Kalo Laboratories Complex, Hopkins Chemical's Unite, Farm Chemicals Inc.'s Compat, Harcros Chemicals' T-Mulz 734-2, Rigo Company's Rigo Compatibility Agent, Witco Chemical's Sponto 168D, Amoco Oil's Amoco Spray Mate and Universal Coop.'s Chem-Link. These agents are all used in the same manner. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding the Tri-Power™).

8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed. Do not allow to stand overnight.

ORNAMENTAL LAWNS AND TURFS

Cool Season Grasses

Apply Tri-Power Selective Herbicide at the rate of 2-1/2 to 3-1/2 pints in 20 to 240 gallons of spray solution per acre (0.9 to 1.25 ft. oz. in 0.5 to 4 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 Selective Herbicide at the rate of 2 to 3 pints in 20 to 240 gallons of spray solution per acre (0.7 to 1.1 ft. oz. in 0.5 to 4 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.

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WEEDS CONTROLLED BY TRI-POWER™

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, Heartloaf 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.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. 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 contaminate water, food or feed by storage or disposal.

PRODUCT DISPOSAL: Pesticide wastes are acutely hazardous. 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. 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: 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 also disposable by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Riverdale 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.

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