

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

23 APR 1992

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

Dear Mr. Sawyer:

Subject: Revised Label Text - Addition of Homeowner Copy  
Riverdale Triamine 3-Way Lawn Weed Killer  
EPA Registration No. 228-211  
Your Submission Dated June 26, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Due to new EPA policy, part of the Environmental Hazards section has been changed. To comply, change the sentence "Do not apply to water or wetlands (swamps, bogs, marshes and potholes)" to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
- 2) Under the Precautionary Statements, add the statement "Causes moderate eye injury."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KEWY						
DATE	4/21/92						

(Homeowner Label)

RIVERDALE

TRIAMINE™ 3-WAY LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN ORNAMENTAL LAWNS AND TURF GRASSES  
And Other Listed Residential Sites

When using a hose-end sprayer, just connect hose,  
turn on water and spray.

ONE QUART COVERS UP TO 10,000 SQUARE FEET  
(See directions for different grasses.)

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid* .....	2.28%
Dimethylamine Salt of 2-(2-Methyl-4-chlorophenoxy)propionic Acid** .....	2.29%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid*** .....	2.27%

INTER INGREDIENTS: .....	93.16%
TOTAL .....	100.00%

Isomer Specific AOAC Method No. 6.321, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid .....	1.9%, 0.16 lbs./gal.
**2-(2-Methyl-4-chlorophenoxy)propionic Acid .....	1.9%, 0.16 lbs./gal.
***2-(2,4-Dichlorophenoxy)propionic Acid .....	1.9%, 0.16 lbs./gal.

†TRIAMINE - TRADEMARK OF RIVERDALE CHEMICAL COMPANY

Patent Pending

ACCOMPLISH  
EPA COMMENTS  
EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

CAUTION

23 APR 1992

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

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

STORAGE AND DISPOSAL

- STORAGE: To be stored in original container and placed in 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.

NET CONTENTS

EPA REG. NO. 228-211

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

Revised 6/26/91

**BEST AVAILABLE COPY**

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed. Avoid breathing vapors or spray mist and contact with eyes, skin or clothing. Wear goggles or face shield, long pants, long-sleeved shirt, shoes and chemical resistant gloves when mixing, loading or applying this product. Wash nondisposable gloves thoroughly with soap and water before removing. Wash thoroughly with soap and water after handling. Do not allow persons and pets on treated areas until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Immediately flush eyes with fresh water for 15 minutes and get medical attention immediately.
- IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.
- IF SWALLOWED: Drink one (1) or two (2) 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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters nor pour the washwater on the ground; spray or drain over a large area away from wells and other water sources and desirable plants. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes. If spills occur, collect the material and dispose of by following disposal instructions on this label.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D, MCPP and 2,4-DP 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 or 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.

GENERAL INFORMATION

TRIAMINE 3-WAY LAWN WEED KILLER is a stable solution containing a mixture of three herbicides. It is non-flammable. It is for use on Lawns and Turf also along Highways, Rights-of-Way, Drainage Ditchbanks and other similar non-crop areas contained within a residential local.

USE PRECAUTIONS

IMPORTANT: Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray exposed roots of desirable

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 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 new dilution for each use. Shake well before using.

#### WEEDS CONTROLLED BY TRIAMINE 3-WAY LAWN WEED KILLER

Alders, Artichoke, Aster, Austrian fieldcress, Beggarticks, Biden, Bindweed, Bitterweed, Bitter winter cress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sow thistle, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartloaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarters, Locoweed, Lupines, Mallow, Marshelder, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Figweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedles, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second (or additional) treatment in 3-4 weeks.

#### ORNAMENTAL LAWNS AND TURF

**Cool Season Grasses** - such as bluegrass, fescue, and rye: To kill dandelion, wild onion, pennywort, plantain, healall and similar weeds: use 16 ounces in 6 gallons of water and apply with pump or hose-end sprayer or sprinkling can to 2,500 square feet of lawn. For smaller areas - use 6 teaspoons in 2 quarts of water applied to 100 square feet. For larger areas - use 1 gallon in 50 gallons of water to 1 acre.

To kill undesirable weeds such as thistle, bindweed, dock and ragweed, use 16 ounces in 6 gallons of water (or 6 teaspoonfuls in 2 quarts of water), and apply directly to plants, wetting them thoroughly. Repeat as necessary. For larger areas use 2 gallons in 50 gallons of water.

To kill undesirable plants such as poison ivy and poison oak, use 8 tablespoonfuls in 1 quart of water or 4 gallons in 12½ 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.

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**Warm Season Grasses** - St. Augustine, Bahia, common Bermuda, Centipede, Zoysia, also for BENT: Use a one-half rate which is 8 ounces in 6 gallons of water to treat 2500 sq. ft. (6 teaspoonfuls in 4 quarts of water applied to 200 square feet). Make two applications 10 days apart. Do not spray grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 week.  
 Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

**Roadsides** (including aprons and guard rails) rights-of-way, drainage ditchbanks and other similar non-crop areas contained within a residential locale: For control of broadleaf weeds, mix at a rate of 1 to 3-1/4 quarts of Triamine 3-Way Lawn Weed Killer per 5 to 30 gallons of water. This mixture will cover 4350 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 6 teaspoons Triamine 3-Way 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 3-4 weeks for hard-to-control weeds.

**DISPOSAL SPRAYER AND BOTTLE INSTRUCTIONS**

Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 5,000 sq. ft. for Cool Season grasses or 10,000 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.

100 Sq. Ft. 2000

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

2000 Sq. Ft. 4000

3000 Sq. Ft. 6000

4000 Sq. Ft. 8000

5000 Sq. Ft. 10000

Cool Season Warm Season

**NOTICE**

Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith.

(RS 030191/RV 062691)