

OCT 31 1988

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

Dear Mr. Sawyer:

Subject: Label Revisions  
Riverdale Triamine II Lawn Weed Killer  
EPA Registration No. 228-217  
Your Resubmission Dated October 13, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

As labels are printed:

1. Delete sagebrush and sicklepod from the weed list or cite the similar product and use patterns from which you took these claims.
2. Add appropriate STORAGE AND DISPOSAL instructions for the expanded use and user categories. Current labeling is appropriate only for home use.

Sincerely yours,

Richard F. Mountfort *RFM*  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Enclosure

51096:I:Mountfort:LMF-3:KENCO:10/27/88:12/9/88:rw:SG:VO:aw

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

(Front Panel)

RIVERDALE TRIAMINE™ II

LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL  
IN ORNAMENTAL LAWNS AND TURF GRASSES  
And Other Listed Sites  
ONE QUART TREATS 7,500-10,000 SQUARE FEET

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	4.78%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	4.72%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	4.65%
INERT INGREDIENTS:	85.85%
TOTAL	100.00%

Isomer Specific AOAC Method

- \*Equivalent to 3.9% 2-Methyl-4-Chlorophenoxyacetic Acid or 0.33 lbs./Gallon
- \*\*Equivalent to 3.9% 2-(2-Methyl-4-Chlorophenoxy)propionic Acid or 0.33 lbs./Gallon
- \*\*\*Equivalent to 3.9% 2-(2,4-Dichlorophenoxy)propionic Acid or 0.33 lbs./Gallon

† TRIAMINE - TRADEMARK OF RIVERDALE CHEMICAL COMPANY Patent Pending

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-217 NET CONTENTS GAL. EPA EST. NO. 228-11-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY  
GLENWOOD, ILLINOIS 60425-1584

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

SEP 31 1993

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
Registration No. 228-217

(Left Side Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles or safety glasses. Harmful if swallowed, inhaled, or absorbed through skin. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Immediately flush eyes with fresh water for 15 minutes. Call a physician.
- IF ON SKIN: Wash skin with plenty of soap and water. Call a physician if irritation persists.
- 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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

GENERAL INFORMATION

TRIAMINE<sup>II</sup>LAWN WEED KILLER is a stable solution containing a mixture of three herbicides. It is non-flammable. It is for use on Lawns, Turf (not pastures) and Golf Fairways, Aprons, Tees and Roughs, Parks, Sod Farms, Cemeteries, along Highways, Rights-of-Way, Drainage Ditchbanks and other similar non-crop areas.

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 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. 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 overspray. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not apply when temperatures are expected to exceed 85°F within 24 hours following application. Make new dilution for each use. Do not pour solution used to clean sprayer near desirable plants.

WEEDS CONTROLLED BY TRIAMINE<sup>II</sup>LAWN WEED KILLER

Alders, Arrowhead, Beggarticks, Bindweed, Black medic, Blue lettuce, Buckhorn, Burdock, Buttercup, Canada thistle, Carpetweed, Chickweed, Chicory, Clover, Cocklebur, Croton, Dandelion, Dock, Dogfennel, English daisy, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Hawkweed, Healall, Heartloaf drymary, Henbit, Hoary cress, Honey-suckle, Jimsonweed, Kochia, Knotweed, Lambsquarters, Mallow, Marshelder, Morningglory, Mustard, Nutgrass, Oxalis, Pennycress, Pennywort, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Prickly lettuce, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Sagebrush, Sheep sorrel, Shepardspurse, Sicklepod, Smartweed, Sneezeweed, Sowthistle, Spanishneedles, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sunflower, Sweet clover, Toadflax, Velvet leaf, Veronica, Vetch, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild strawberry, Willow, Witchweed, Woodsorrel, Yarrow, Yellow rocket, Hempnettle, Mexican poppy, Minerslettuce, Moneywort, Red root, Red stem, Stinging nettle, Thornapple, Tree-of-heaven, Wild gooseberry, Violet, Wild jute, Wild marigold, Wild petunia, Wild sage, Yellow charlock-mustard, Yellow daisy, Burcucumber, Catsear, Chervil, Dragonhead mint, Oxeye nettle, Fanweed, Fat hen, Field bindweed, Halbertleaved salt bush, and other broadleaf weeds.

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 8-10 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 2-3 teaspoons in 2 quarts of water applied to 100 square feet.) For larger areas use 1/2 gallon in 50 gallons of water to 1 acre.

(Right Side Panel)

DIRECTIONS FOR USE (cont.)

To kill undesirable weeds such as thistles, bindweed, dock and ragweed, use 8-10 ounces in 6 gallons of water (or 2-3 teaspoonfuls in 2 quarts of water), and apply directly to plants, wetting them thoroughly. Repeat as necessary. For larger areas use 1/2 gallon in 50 gallons of water.

1000 Sq. Ft.

To kill undesirable plants such as poison ivy and poison oak use 8-10 1/2 teaspoonfuls in 2 quarts of water or 2-3 gallons in 12 1/2 gallons of water and drench plants when they are fully leaved. Rep 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.

Warm Season Grasses - such as St. Augustine, bahia, common Bermuda, centipede, zoysia, and also for BENT. Use a one-half rate which is 4-5 ounces in 6 gallons of water (2 1/2 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. Do not apply to Dichondra, Lippia and Clover lawns. Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

2000 Sq.Ft.

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 an additional) treatment in 3-4 weeks.

DISPOSABLE SPRAYER AND BOTTLE INSTRUCTIONS

HOW TO APPLY: Shake well before applying. Connect spray nozzle to hose. Remove bottle cap and screw bottle into nozzle. Turn on the water at the tap. Place finger over hole on right side of nozzle and the Lawn Weed Killer will mix automatically at the proper ratio. Point in direction away from face and body. Walk back and forth at steady pace.

3000 Sq.Ft.

Marks on left indicate square feet covered.

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 1-1/3 to 4 gallons of Triamine Lawn Weed Killer per 50 to 300 gallons of water. This mixture will cover one acre. 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:

4000 Sq.Ft.

Add 1 Tablespoon Triamine<sup>II</sup> 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.

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.

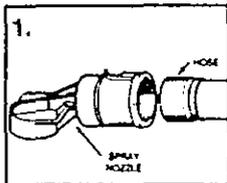
5000 Sq.Ft.

(Marks for )  
qt. disposable  
bottle. Not to scale)

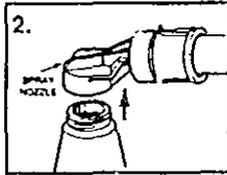
(Right Side Panel cont.)

(UAP SPRAYER INSTRUCTIONS)

HOW TO USE SPRAYER



Connect spray nozzle to hose. Rubber washer should be checked for proper position. Determine area to be treated. For example, 1,000 sq. ft. = an area measuring 20 ft. x 50 ft. When applying, check area being treated against measuring guide on side panel. Spray pattern can be tested (without discharging product) by not placing finger over hole on right side of nozzle.



Remove bottle cap and screw bottle into nozzle (save bottle cap for storage after use). Check siphon tube for proper position. Do not squeeze bottle while attaching nozzle, or during application as contents may discharge. To store unused product: Turn off water supply at tap. Remove bottle from sprayer and replace original bottle cap. Remove nozzle from hose and rinse in clear water.



Hold sprayer attached to hose in one hand and turn on the water at the tap. Clear water will discharge when water is turned on at tap. Let clear water run until all air is discharged from hose. When ready to treat, place finger over hole on right side of nozzle and this product will mix automatically at the proper ratio. To stop flow of product, remove finger from hole to break siphon action.



While holding sprayer at wrist level, point in direction away from face and body. Walk back and forth in a brisk, steady pace. Overlap spray for uniform coverage. Walk on right side panel in bare square feet coverage. For certain areas of lawn, it may be more convenient to stand still and direct spray across treated area in a broad sweeping motion.

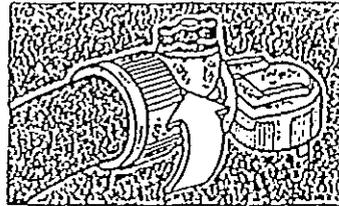
(C-P SPRAYER INSTRUCTIONS)

4000 Sq. Ft.

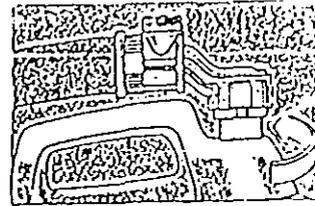
HOW TO USE:

Remove bottle from carbon filter of spray nozzle from plastic cover. Detach plastic cover from child resistant cap by grasping cover firmly and pulling upward. Discard plastic cover and follow directions below.

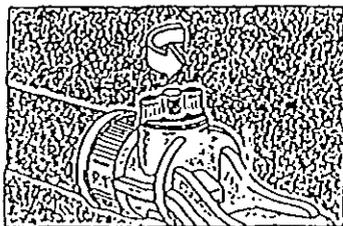
SHAKE WELL BEFORE USING.



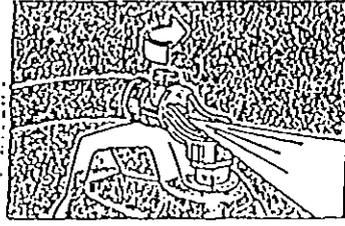
Attach spray nozzle to garden hose. Turn nozzle clockwise to firmly attach it to hose.



Remove child resistant cap from bottle. Turn bottle counter clockwise and screw bottle counter clockwise into spray nozzle. Do not overtighten spray nozzle past the stop-notch.



Turn the on/off switch on top of the spray nozzle counter clockwise to the "Off" position. Then fully turn on water at the faucet. Extend hose to the farthest area of the lawn to be treated and work back towards the faucet.



To begin spraying, point spray nozzle towards lawn and turn the nozzle switch clockwise to the "ON" position. The water automatically mixes with the product. Walk at a steady pace spraying in a side to side arc, slightly overlapping treated areas. Refer to graduated scale on side of container for coverage.



To stop spraying, turn the spray nozzle switch counter clockwise to the "Off" position and fully turn the water at the faucet. This cycle may be repeated in approximately 5 minutes. To reduce pressure, turn the switch to the "ON" position before removing nozzle from hose.

BEST AVAILABLE COPY

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

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles or safety glasses. Harmful if swallowed, inhaled, or absorbed through skin. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Immediately flush eyes with fresh water for 15 minutes. Call a physician.  
**IF ON SKIN:** Wash skin with plenty of soap and water. Call a physician if irritation persists.  
**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.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Riverdale Triamine II Lawn Weed Killer is effective for the control of Black medic, Buckhorn, Burdock, Buttercup, Canada thistle, Carpetweed, Chickweed, Chicory, Clover, Cocklebur, Dandelion, Dock, Dogfennel, English daisy, Florida pusley, Frenchweed, Ground ivy, Hawkweed, Healall, Heartloaf drymary, Henbit, Jimsonweed, Knotweed, Lambsquarters, Mallow, Morningglory, Mustard, Oxalis, Pennywort, Pepperweed, Pigweed, Plantain, Poison ivy, Poison oak, Purslane, Ragweed, Red clover, Red sorrel, Sheep sorrel, Smartweed, Speedwell, Spurge, Spurweed, Stitchwort, Toadflax, Veronica, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wood sorrel, Yarrow, and many other broadleaf weeds.

**IMPORTANT:** Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. 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. Spray entire lawn, wetting weeds and lawn grasses; do not overspray. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Avoid drift spray, coarse sprays are less likely to drift. Do not apply when temperatures are expected to exceed 85°F within 24 hours following application. Make new dilution for each use. Do not pour solution used to clean sprayer near desirable plants.

In Accordance with EPA Notice 82-24  
 Based on Data Submitting Dated



**FOR SELECTIVE BROADLEAF WEED CONTROL  
IN ORNAMENTAL LAWNS AND TURF GRASS**

**ONE QUART TREATS 7,500-10,000 SQUARE FEET**

**ACTIVE INGREDIENTS: †**

- Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid\*
- Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid\*\*
- Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid\*\*\*

**INERT INGREDIENTS:**

TOTAL

**Isomer Specific AOAC Method**

- \*Equivalent to 3.9% 2-Methyl-4-Chlorophenoxyacetic Acid or 0.33 lbs./Gallon
- \*\*Equivalent to 3.9% 2-(2-Methyl-4-Chlorophenoxy)propionic Acid or 0.33 lbs./Gallon
- \*\*\*Equivalent to 3.9% 2-(2,4-Dichlorophenoxy)propionic Acid or 0.33 lbs./Gallon

† TRIAMINE — TRADEMARK OF RIVERDALE CHEMICAL COMPANY

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA REG. NO. 228-217

EPA EST

NET CONTENTS GAL.

