

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PU 23 228-217

15157

JUL 05 1991

**BEST AVAILABLE COPY**

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

Dear Mr. Sawyer:

Subject: Revise Label To Include Homeowner Copy  
Riverdale Triamine II Lawn Weed Killer  
EPA Registration No. 228-217  
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 provision:

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."

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

Since there was no Non-Homeowner label included with this submission, we assume that it is the same as the label accepted on March 8, 1991, with the changes indicated in the Agency's response letter of the same date.

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	7/2/91						

RIVERDALE TRIAMINE™ II

LAWN WEED KILLER

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

ONE QUART TREATS (COVERS) UP TO 20,000 SQ. FT.  
(See directions for different grasses.)

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 No. 6.321, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	.....	3.9%	0.33 lbs./gal.
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	.....	3.9%	0.33 lbs./gal.
***2-(2,4-Dichlorophenoxy)propionic Acid	.....	3.9%	0.33 lbs./gal.

†TRIAMINE - TRADEMARK OF RIVERDALE CHEMICAL COMPANY

Patent Pending

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

JUL 05 1991

WARNING

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

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.

NET CONTENTS GAL.

EPA REG. NO. 228-217

EPA EST. NO. 228-IL-1

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MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

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

## ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect 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 or rinsate nor pour the washwaters on the ground; spray or drain over a large area away from wells, 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 MCPA, 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 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

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labeling: READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

#### GENERAL INFORMATION

TRIAMINE II 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 locale.

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

#### WEEDS CONTROLLED BY TRIAMINE™ II LAWN WEED KILLER

Alders, Beggarticks, Bindweed, Black medic, Blue lettuce, Buckhorn, Burcucumber, Burdock, Buttercup, Canada thistle, Carpetweed, Catsear, Chervil, Chickweed, Chicory, Clover, Cocklebur, Croton, Dandelion, Dock, Dogfennel, Dragonhead mint, Dwarf nettle, English daisy, Fanweed, Fat hen, Field bindweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Halbertleaved salt bush, Hawkweed, Healall, Heartloaf drymary, Hempnettle, Henbit, Hoary cress, Honeysuckle, Jimsonweed, Kochia, Knotweed, Lambsquarters, Mallow, Marshelder, Mexican poppy, Minerslettuce, Moneywort, Morningglory, Mustard, Nutgrass, Oxalis, Pennycress, Pennywort, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Prickly lettuce, Puncture vine, Purslane, Ragweed, Red clover, Red root, Red sorrel, Red stem, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Sowthistle, Spanishneedles, Speedwell, Spurge, Spurweed, Stinging nettle, Stinkweed, Stitchwort, Sunflower, Sweet clover, Thornapple, Toadflax, Tree-of-heaven, Velvet leaf, Veronica, Vetch, Violet, Virginia buttonweed, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild gooseberry, Wild jute, Wild lettuce, Wild marigold, Wild petunia, Wild onion, Wild radish, Wild sage, Wild strawberry, Willow, Witchweed, Woodsorrel, Yarrow, Yellow charlock, Mustard, Yellow daisy, Yellow rocket, 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 to 10-1/2 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 to 3 teaspoons in 2 quarts of water applied to 100 square feet. For larger areas - use 1 to 1-1/2 gallons in 50 gallons of water to 1 acre.

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

To kill undesirable plants such as poison ivy and poison oak, use 8 to 10-1/2 teaspoonfuls in 2 quarts of water or 2 gallons 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.

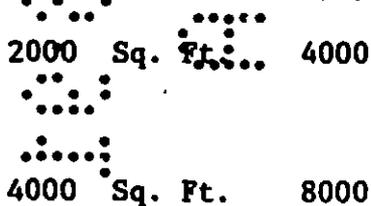
**Warm Season Grasses** - St. Augustine, Bahia, common Bermuda, Centipede, Zoysia, also for BENT: Use a one-half rate which is 4 to 5 ounces in 6 gallons of water to treat 2500 sq. ft. (2 to 3 teaspoonfuls in 4 quarts of water applied to 200 square feet). Make two applications 10 days apart. Do not spray 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: For control of broadleaf weeds, mix at a rate of 1 to 3 1/2 pints of Triamine II Lawn Weed Killer per 5 to 30 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:** Put 3 teaspoons Triamine II 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.

**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.



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

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6000 Sq. Ft. 12000

8000 Sq. Ft. 16000

10000 Sq. Ft. 20000  
Cool Season Warm Season

**NOTICE**

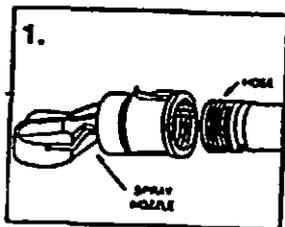
Buyer assumes risks of use, storage and handling of this product not in strict accordance with directions give herewith. (RS 030191/RV 062691)

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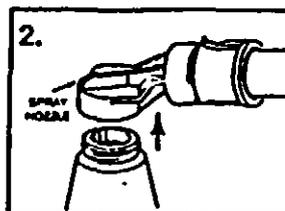
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RBC, FORD'S, &  
UAP SPRAYER INSTRUCTIONS



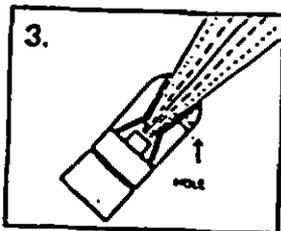
1. Connect spray nozzle to hose. Rubber washer should be checked for proper position. Determine area to be treated. For example, 500 sq. ft. = an area measuring 20 ft. x 50 ft. When applying, check area being treated against measuring guide on side panel. Spray pattern can be tested (without discharging product) by not placing finger over hole on right side of nozzle.



2. 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.

While holding sprayer at waist level, point in direction away from face and body. Walk back and forth at a brisk, steady pace. Overlap slightly for uniform coverage. Marks on right side panel indicate square foot 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.



3. 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.

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**NOTE:**

• Read and follow directions and precautions for each E-Z Flo product.

• Do not interchange nozzles from one E-Z Flo product to another.

E-Z Flo is a T.M. of United Agri Products, Inc.

