



000228-00181-051399

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Systems Integration Group, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 13 1999

Dear Mr. Sawyer:

Subject: Conversion from 2,4-DP and MCPP to 2,4-DP-p and MCPP-p  
Riverdale Triamine TM Lawn Weed Killer  
EPA Registration No. 228-181  
Your Submission Dated March 19, 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 ingredients, dichlorprop and mecoprop, from their racemic forms [2-(2,4-dichlorophenoxy) propionic acid and 2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salts thereof] to their single isomer forms [(+)-R-2-(2,4-dichlorophenoxy) propionic acid and (+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salts 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 Statement(s) 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 forms of dichlorprop and mecoprop, or applicable salts thereof, and bearing the previously approved labeling for 18 months from the date of this letter.

Copies of the revised Confidential Statement(s) of Formula (Basic and Alternate Formulations, dated March 19, 1999 have been placed in the Agency's file for the subject product. These CSF(s) supersedes all previously submitted CSFs for this product.

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE								



RIVERDALE

TRIAMINE™ LAWN WEED KILLER

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

ONE GALLON COVERS UP TO 80,000 SQUARE FEET  
(See directions for different grasses.)

GET THE OPTICAL ADVANTAGE™

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	4.55%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**†	2.30%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***†	2.26%
INERT INGREDIENTS:	90.89%
TOTAL	100.00%

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	3.8%	0.32 lbs./gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	1.9%	0.16 lbs./gal.
***(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid	1.9%	0.16 lbs./gal.

†CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p AND DICHLORPROP-p.

†TRIAMINE & THE OPTICAL ADVANTAGE™ ARE TRADEMARKS OF RIVERDALE CHEMICAL COMPANY Patent Pending

KEEP OUT OF REACH OF CHILDREN

WARNING

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

NET CONTENTS

EPA REG. NO. 228-181

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAY 13 1999

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

228-181

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

**WARNING**

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing spray mist and contact with skin. Wear long pants, long-sleeved shirt, socks, shoes, chemical resistant gloves and eye protection when mixing, loading or applying this product or repairing or cleaning equipment used with this product. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required. Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands, face and arms before using toilet. After work, wash nondisposable gloves thoroughly with soap and water before removing, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower. When applying to turf, the maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

If this container is over one gallon and less than five gallons, then persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron. If this container is five gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**STATEMENT OF PRACTICAL TREATMENT**

- IF IN EYES:** Hold eyelids open and flush eyes with a steady gentle stream of water for 15 minutes and get medical attention.
- IF SWALLOWED:** Call a physician or Poison Control Center. Drink 2 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. Get medical attention.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably, mouth to mouth. Get medical attention.
- IF ON SKIN:** Wash promptly with plenty of soap and water and rinse thoroughly. Get medical attention.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift of runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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, 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, MCP, and 2,4-DB 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 LAWN WEED KILLER is a stable solution containing a mixture of three herbicides. It is non-flammable. It is for use on Ornamental Turf such as Lawns, Parks, Cemeteries and Golf Courses (Fairways, Aprons, Tees and Roughs), also 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, 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 a new dilution for each use. Shake well before using.

**WEEDS CONTROLLED BY TRIAMINE LAWN WEED KILLER**

Alder, Artichoke, Aster, Austrian fieldcress, Beggartick, Bidden, Bindweed, Bitterweed, Bitter wintercress, 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 sowthistle, 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, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indigo, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarter, Locoweed, Lupine, Mallow, Marshelder, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, 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, Spanishneedle, 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-kill (or control) broadleaf weeds may require a second broadcast treatment in 3 to 4 weeks. In the event further application is necessary, use as a spot treatment.

**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 13 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 3 teaspoons in 2 quarts of water applied to 100 square feet. For larger areas - use 1 to 1-3/4 gallons in 50 gallons of water for 43,500 square feet.

To kill undesirable weeds such as Thistle, Bindweed, Dock and Ragweed, use 8 ounces in 6 gallons of water (or 3 teaspoonfuls in 2 quarts of water), and apply directly to plants, wetting them thoroughly. For larger areas, use 1 to 1-3/4 gallons in 50 gallons of water.

To kill undesirable plants such as Poison ivy and Poison oak, use 2 ounces 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 (or control) 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 6-1/2 ounces in 6 gallons of water to treat 2,500

square feet (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 1-1/3 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:** Put 3 teaspoons Triamine Lawn Weed Killer into an empty quart container with trigger sprayer or applicator cap. Then add 30 oz. of tap water. Trigger Sprayer - 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 to 4 weeks for hard-to-kill (or control) weeds.

**STORAGE AND DISPOSAL**

**STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizers, seeds or other pesticides. 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 area. 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.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 and may contaminate ground water. 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 are also disposable by incineration, or if allowed by State and local authorities by burning. If burned, stay out of smoke.

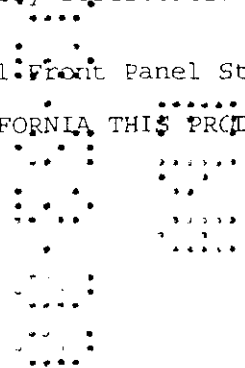
**WARRANTY**

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.

(RV 031999)

Optional Front Panel Statement of for Sales in California.

IN CALIFORNIA THIS PRODUCT IS LIMITED TO USE ONLY AROUND THE HOME.



7 of 11

(Non-Commercial Label)

RIVERDALE

TRIAMINE™ LAWN WEED KILLER

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

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

ONE QUART COVERS UP TO 20,000 SQUARE FEET  
(See directions for different grasses.)

GET THE OPTICAL ADVANTAGE™

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	4.55%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**†	2.30%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***†	2.26%
INERT INGREDIENTS:	90.89%
TOTAL	100.00%

)

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	3.8%	0.32 lbs./gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	1.9%	0.16 lbs./gal.
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†CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p AND DICHLORPROP-p.

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KEEP OUT OF REACH OF CHILDREN

WARNING

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

)

NET CONTENTS

EPA REG. NO. 228-181

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
MAY 13 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
228-181



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

**WARNING**

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing spray mist and contact with skin. Wear long pants, long-sleeved shirt, socks, shoes, rubber gloves and eye protection when mixing, loading or applying this product. It is recommended that safety glasses include front, brow and temple protection. After using this product, wash non-disposable gloves thoroughly with soap and water before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. When applying to turf, the maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

If this container is over one gallon and less than five gallons, then persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron. If this container is five gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**STATEMENT OF PRACTICAL TREATMENT**

- IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes and get medical attention.
- IF SWALLOWED:** Call a physician or Poison Control Center. Drink 2 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. Get medical attention.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably, mouth to mouth. Get medical attention.
- IF ON SKIN:** Wash promptly with plenty of soap and water and rinse thoroughly. 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 to areas where surface water is present or to intertidal areas below the mean high water mark. 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, 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 LAWN WEED KILLER is a stable solution containing a mixture of three herbicides.

It is non-flammable. It is for use on Ornamental Turf such as Lawns, Parks, Cemeteries, Golf Courses (Fairways, Aprons, Tees, and Roughs), also 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, 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 LAWN WEED KILLER

Alder, Artichoke, Aster, Austrian fieldcress, Beggartick, Bidden, Bindweed, Bitterweed, Bitter wintercress, 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 sowthistle, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Dollarweed, Elderberry, English daisy, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarter, Locoweed, Lupine, Mallow, Marshelder, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, 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, Spanishneedle, 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-kill (or control) broadleaf weeds may require a second broadcast treatment in 3 to 4 weeks. In the event further applications are needed, use as a spot treatment.

#### 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 13 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 3 teaspoons in 2 quarts of water applied to 100 square feet. For larger areas - use 1 to 1-3/4 gallons in 50 gallons of water for 43,560 square feet.

To kill undesirable weeds such as Thistle, Bindweed, Dock and Ragweed, use 8 ounces in 6 gallons of water (or 3 teaspoonfuls in 2 quarts of water), and apply directly to plants, wetting them thoroughly. For larger areas, use 1 to 1-1/4 gallons in 50 gallons of water.

To kill undesirable plants such as Poison ivy and Poison oak, use 2 ounces 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 (or control) 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 6-1/2 ounces in 6 gallons of water to treat 2,500 square feet (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 contained within a residential locale: For control of broadleaf weeds, mix at a rate of 1 to 3-1/4 pints of Triamine Lawn Weed Killer per 5 to 30 gallons of water. This mixture will cover 4,350 square feet. 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 Lawn Weed Killer into an empty quart container with trigger sprayer or applicator cap. Then add 30 ounces of tap water. Trigger Sprayer - 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 to 4 weeks for hard-to-kill (or control) weeds.

DISPOSAL SPRAYER AND BOTTLE INSTRUCTIONS

Determine area to be sprayed. Apply at a rate of 32 ounces (1 quart) per 10,000 square feet for Cool Season grasses or 20,000 square feet 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.

2,000	Square Feet	4,000	(Marks on left for 1 quart disposable bottle. Not to scale.)
4,000	Square Feet	8,000	
6,000	Square Feet	12,000	
8,000	Square Feet	16,000	
10,000	Square Feet	20,000	
Cool Season		Warm Season	

STORAGE AND DISPOSAL

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

PESTICIDE 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.

Optional Front Panel and/or General Information Statements for Sales in California.

1. IN CALIFORNIA THIS PRODUCT IS LIMITED TO USE ONLY AROUND THE HOME.
2. IT IS FOR USE ON RESIDENTIAL LAWNS

NOTES: If sentence 1 is used all uses may be used on label.  
If sentence 2 is used, all other use must be deleted.

Optional CLI language†:

Dimethylamine Salt of 2,4-D\*  
Dimethylamine Salt of Mecoprop-p\*\*  
Dimethylamine Salt of Dichlorprop-p\*\*\*

\*2,4-D Acid  
\*\*Mecoprop-p Acid  
\*\*\*Dichlorprop-p Acid

First Aid

† Note: Some states may still require the full chemical name(s).

Optional Marketing Hype:

KILLS 140+ WEED TYPES  
STARTS WORKING OVERNIGHT  
Kills Weeds, Not the Lawn  
Kills unwanted weeds in your lawn  
Do not apply to Floratam (St. Augustine) grass

Alternate Hose-end Sprayer Instructions

How To Use:

1. Attach garden hose to spray nozzle (Illustrations)
2. Turn on water supply
3. Bend safety tab down and turn control to "water"
4. Point nozzle toward lawn and turn control to "on". Product will automatically mix with water. Walk back and forth at a steady pace.