

728-206
MAY 22 1990

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

Dear Mr. Sawyer:

Subject: Riverdale Weedstroy Triamine[®] II
EPA Registration No. 228-206
Your Application To Amend Registration Dated
May 1, 1990

The subject labeling submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended is acceptable provided that you:

1. Correct the spelling of the word "Tees" (not "trees") under the General Information Section.
2. That you will submit/cite all data required for registration/reregistration of this product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
3. Submit five (5) copies of the final printed labeling before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

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A stamped copy of the labeling is enclose for your records.

You are reminded that the labeling of this product must be revised to comply with required labeling stated in the February 7, 1990 amendments to the Registration Standards for 2,4-dichlorophenoxyacetic acid (2,4-D) and its inorganic salts, amines and esters; to the 2-(2,4-dichlorophenoxy) propionic acid (2,4-DP) and its amines and esters; and to the 2-methyl-4-chlorophenoxyacetic acid (MCPA) and its salts and esters. The revised dates for compliance are March 1, 1991 for placement of revised labeling on products released for shipment and March 1, 1992 for products distributed or sold.

Sincerely yours,

Joanne I. Miller
Acting product Manager (23)
Fungicide-Herbicide Branch
Registration Divison (H-7505C)

Enclosure

E.Wilson: Diskette #007: 05-22-90

RIVERDALE
WEEDESTROY^(R) TRIAMINETM II

A THREE-WAY POST-EMERGENT SELECTIVE BROADLEAF HERBICIDE CONTAINING THE AMINES OF MCPA, MECOPROP AND DICHLORPROP. FOR USE ON GOLF COURSES, PARKS, HIGHWAYS, SOD FARMS, ORNAMENTAL TURF LAWNS AND SIMILAR NON-CROP AREAS. KILLS DANDELIONS, CHICKWEEDS, PLANTAINS, OXALIS, SPURGE AND MANY OTHER BROADLEAF WEEDS, SOME OF WHICH ARE LISTED ON THIS LABEL.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	17.15%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	16.94%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	16.69%
INERT INGREDIENTS:	49.22%
TOTAL	100.00%

Isomer Specific AOAC Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	14.0%	1.3 lbs./gal.
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	14.0%	1.3 lbs./gal.
***2-(2,4-Dichlorophenoxy)propionic Acid	14.0%	1.3 lbs./gal.

KEEP OUT OF REACH OF CHILDREN

DANGER

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

Weedestroy and Triamine are Trademarks of Riverdale Chemical Co. Patent Pending.

EPA REG. NO. 228-206 NET CONTENTS GAL. EPA EST. NO. 228-IL-1

MANUFACTURED BY
RIVERDALE CHEMICAL COMPANY
GLENWOOD, ILLINOIS 60425-1584

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 22 1990

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

228-206

Revised 5/1/90

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye damage. Do not get in eyes, or on skin or clothing. Wear face shield or goggles and 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 reusing. Avoid inhalation of spray mists. Harmful if swallowed or inhaled. 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 eyes with plenty of water for 15 minutes and get medical attention at once.
- 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.

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 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

BEST AVAILABLE COPY

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

WEDESTROY TRIAMINE II 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, Trees and Roughs, Parks, Sod Farms, Cemeteries, along Highways, Rights-of-Way, and other similar non-crop areas. Maximum kill of weeds will be obtained by applying in Spring and early Fall when weeds are actively growing.

USE PRECAUTIONS

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not spray near these plants. Do not spray on carpetgrass, dichondra, nor on grasses where desirable clovers are present. Except as noted, use a lawn type sprayer with coarse spray as wind drift is less likely. Avoid fine mists. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, (1) turf should not be mowed 1 to 2 days before and following application; (2) Do not apply if rainfall is expected within 48 hours; nor should lawns be irrigated (watered) for 48 hours following application. 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 thoroughly before reuse for other sprays. Failure to observe the above precautions may result in injury.

Weedestroy Triamine II 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 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.

WEEDS CONTROLLED BY WEEDESTROY TRIAMINE II

Alders, Arrowhead, Beggarsticks, Bindweed, Black medic, Blue lettuce, Buckhorn, Burcucumber, Burdock, Buttercup, Canada thistle, Carpetweed, C.tsear, 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, Sagebrush, Sheep sorrel, Shepherdspurse, Sicklepod, 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:

For normal application, use Weedestroy Triamine II at a rate of 3-4 pints per acre in sufficient water for good coverage, 40-80 gallons of water per acre (1-2 gallons of water per 1000 square feet normal). For small lawns use 5-7 teaspoons in 1 gallon water per 1000 square feet.

Warm Season Grasses - such as St. Augustine, bahia, common Bermuda, centipede and zoysia grasses:

Apply Weedestroy Triamine II at a maximum rate of 2-3 pints in up to 150 gallons of water per acre (2/3 - 1/3 oz. in 3 gallons of water per 1000 sq. ft.). Do not spray St. Augustine, common Bermuda or centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 week. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy.

Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

Bentgrass Turf: On closely mowed bentgrass, apply Weedestroy Triamine II at a maximum rate of 2/3 ounce in 3 gallons water per 1000 square feet (2-3 pints per acre) in May or mid-August through September when weeds are actively growing. Exercise care to avoid overdosing bentgrass or injury may result. Slight turf yellowing should disappear after about 1 week.

Low Volume Applicator: When using a Low Volume Applicator (such as Lawn Doctor's "Turf Tamer") use Weedestroy Triamine II at a rate of 3-4 pints per acre (1.1 oz. to 1.5 oz. in 1/2 gallon of water per 1000 sq. ft.).

HerbiTM Controlled Droplet Applicator: Add 2 pints of Weedestroy Triamine II to the 5 pint Herbi bottle, then fill with 3 pints of water or 2-1/2 pints of water and 1/2 pint of a surfactant while agitating the solution. For warm season grasses use 1-1/2 pints of Triamine II with 3-1/2 pints of water. While walking at approximately 1 pace (3 feet) per second; spray entire contents over 33,000 square feet (3/4 of an acre). Do not overlap (double coverage) at edge of spray patterns. Reduced rates (use 1/2 of rate shown above) of Weedestroy Triamine II must be used when grass is stressed from heat, drought, etc.

Similar Non-Crop Areas

Roadsides (including aprons and guard rails) rights-of-way, and other similar non-crop areas: For the control of broadleaf weeds, mix at a rate of 1/3 - 1 gallon of Weedestroy Triamine II per 50 - 300 gallons of water. This mixture will cover 43,500 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 small (spot) applications with small tank sprayers use at the rate of 4 ounces Weedestroy Triamine II per gallon of water and spray to thoroughly wet all foliage.

For control of woody plants, apply to both stems and foliage from the time foliage is completely matured until the plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 1 - 1-1/2 gallons of Weedestroy Triamine II to 100 gallons of water using 200 - 600 gallons of spray mixture per 43,500 sq. ft. depending upon the height and thickness of the brush. Mix thoroughly before spraying.

Weedestroy^(R) TriamineTM II and BucrilTM Mixture

For use on bahia, common Bermuda, centipede, St. Augustine and Zoysia grasses - Mix 1/2 ounce Triamine II and 1-1/2 ounces Bucril per gallon of water to treat 1000 square

feet.

BucrilTM is a trademark of Rhone-Poulenc.

HerbiTM is a trademark of North American Micron.

STORAGE AND DISPOSAL

STORAGE: Always use original container to 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 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 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 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.