

228-228

02-17-2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

FEB 17 2004

Russell F. Sawyer
Nufarm Americas Inc.
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60527-0866

Dear Mr. Sawyer:

Subject: Label Revisions
Riverdale Triamine II W.S.
EPA Registration Number 228-228 ✓
Your Submission Dated September 30, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you submit one (1) copy of your final printed labeling before you release the product for shipment.

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

If you have any questions concerning this letter, please contact me at 703-305-6224.

Sincerely yours,

JS

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

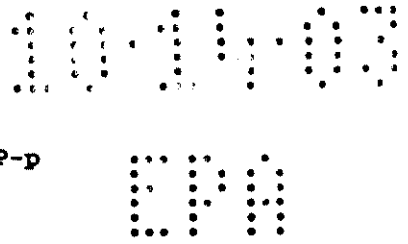
RIVERDALE®

TRIAMINE® II W.S.

A WATER SOLUBLE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS MCPA, MECOPROP-p AND DICHLORPROP-p
GET THE OPTICAL ADVANTAGE®



ACTIVE INGREDIENTS:*

2-Methyl-4-Chlorophenoxyacetic Acid	17.0%
(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	8.5%
(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid**	8.5%
INERT INGREDIENTS:	66.0%
TOTAL	100.0%

*By Isomer Specific Method

**CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p AND DICHLORPROP-p.

Riverdale, Triamine and The Optical Advantage are Registered Trademarks of Riverdale - A Nufarm Company

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que
se la explique a usted en detalle

**SEE SIDE PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA REG. NO. 228-228

NET WEIGHT 4 LBS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS INC., BURR RIDGE, ILLINOIS 60527-0866

ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 17 2004

NOTE: Spanish language is optional

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

Revised 5/22/03 Changed First Aid Statement per PR 2001-1 via Amendment.
9/30/03 Changed Ornamental Sites per 5/28/03 meeting.

(Side Panels)

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****DANGER - PELIGRO**

Corrosive, causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Wear face shield or goggles when mixing, loading or applying this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID STATEMENT

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
- IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect nontarget 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 wash-waters or rinsate nor pour washwater on the ground; spray or drain over a large area away from wells and other water sources. 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-p and 2,4-DP-p 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

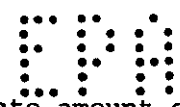
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS.

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GENERAL INFORMATION

Riverdale Triamine II W.S. herbicide is a stable water soluble mixture of three herbicides. This 4 lb. container will treat from 43,500 to 53,000 sq. ft. of Cool Season grasses or 58,000 to 79,000 sq. ft. of St. Augustine, Centipede, Bermuda, Carpet, Red Fescue, and Bent grasses.

TO OPEN: Lift plug with screwdriver or like tool.
TO CLOSE: Resecure tightly with hammer or like tool.



Just add the recommended water to your spray tank then add the appropriate amount of water soluble Triamine II W.S. into the spray tank, agitate for three to five minutes. Once dissolved, Triamine II W.S. will make a stable water solution. It is non-flammable. It is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf areas. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Note: Two "heaping" tablespoonfuls equals one ounce of Triamine II W.S.

USE PRECAUTIONS

ARE 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 allow spray mist to contact these plants. Do not spray on dichondra nor on grasses where desirable clovers are present. Avoid fine mists. Use a lawn type sprayer with coarse spray as wind drift is less likely. 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. Apply to newly seeded lawns or turf only after grasses are well established. Spray when air temperature is less than 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. Do not irrigate 24 hours prior to application. For optimum results: (1) turf should not be mowed for 1 to 2 days before and after 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 three to four weeks after application of this product. Failure to observe all precautions may result in injury to turf and/or susceptible plants. Triamine II W.S. 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 TRIAMINE™ II W.S.

Alder, Beggartick, 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 saltbush, Hawkweed, Healall, Heartleaf drymary, Hemlock, Hempnettle, Henbit, Hoary cress, Honeysuckle, Jimsonweed, Knotweed, Kochia, Lambsquarter, Mallow, Marshelder, Morningglory, Mexican poppy, Minerslettuce, Moneywort, Poison ivy, Poison oak, Prickly lettuce, Puncture vine, Purslane, Ragweed, Red clover, Red root, Red sorrel, Red stem, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Sowthistle, Spanishneedle, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sunflower, Sweet clover, Stinging nettle, 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 onion, Wild petunia, 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

For Cool Season Grasses such as Bluegrass, Fescue and Rye: use Triamine II W.S. herbicide at a rate of 1.2 to 1.5 oz. per 1000 sq. ft. (or 3.3 to 4.0 lbs. per acre) in sufficient water for good coverage (1 to 4 gallons per 1000 sq. ft. or 40 to 180 gallons per acre are normal).

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Controlled Droplet Applicator:

Reduced rates of Triamine II W.S. must be used when grass is stressed from heat, drought, etc. Do not use this method on warm season grasses. Add 2.2 to 3.0 lbs. to the herbicide container then fill with 5 pints of water, keeping container agitated. Spray entire contents over 33,000 sq. ft. (approx. ¼ acre). Do not overlap between patterns.

Warm Season Grasses - St. Augustine, Centipede, Bahia, common Bermuda, Carpet, and Zoysia grasses:

Apply Triamine II W.S. herbicide at a rate of .8 to 1.1 oz. per 1000 sq. ft. (2.2 to 3.0 lbs. per acre) in 4 gallons of water per 1000 (up to 180 gallons of water per acre). Do not spray St. Augustine, Carpet, or Centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear in about one 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:

On closely mowed bentgrass, apply Triamine II W.S. at a maximum of 1.1 oz. per 1000 sq. ft. (or 3.0 lbs. per acre) in 4 gallons of water per 1000 sq. ft. (up to 180 gallons water per acre) in May or mid-August through September when weeds are actively growing. Exercise care to avoid over-dosing bentgrass or turf injury may result. Slight turf yellowing should disappear after about one week.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secure warehouse or storage building. This product should be stored in a cool, dry location. Container should be opened in well ventilated area. All containers should be kept tightly sealed when not in use. Do not store near open containers of fertilizer, seed or other pesticides. Do not contaminate water, food or feedstuff by storage or pesticide disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixtures or rinsate is a violation of Federal law. If container is damaged or if pesticide has spilled, contain all spillage. Clean up all spilled material with broom. Place in a closed, labeled container for proper disposal. 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: Completely empty container into application equipment. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

This product is sold by weight and not by volume. If it does not appear full when opened, it is because contents have settled during shipping and handling.

WARRANTY

Seller 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 contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

(RV 093003)