

228-355

04/18/2005

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RIVERDALE®

ENTERPRISE™ SELECTIVE HERBICIDE

FOR SELECTIVE BROADLEAF WEED CONTROL  
IN ORNAMENTAL LAWNS AND TURF GRASSES  
ALSO FOR USE ON SOD FARMS

CONTAINS 2,4-D, TRICLOPYR, AND DICAMBA

CONTROLS: DANDELION, CHICKWEED, BLACK MEDIC, KNOTWEED, PLAINTAIN,  
OXALIS, CLOVER, COCKLEBUR, THISTLE AND MANY OTHER SPECIES OF BROADLEAF WEEDS.

ACTIVE INGREDIENTS:

Triisopropanolamine Salt of 2,4-Dichlorophenoxyacetic Acid*	56.88%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid**	5.37%
3,6-Dichloro-o-Anisic Acid***	3.85%
INERT INGREDIENTS	33.90%
TOTAL	100.00%

By Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	30.50%	3.100 lbs./gal.
**3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	3.85%	0.385 lbs./gal.
***3,6-Dichloro-o-Anisic Acid	3.85%	0.385 lbs./gal.

Enterprise is a Trademark of Riverdale Chemical Company  
Riverdale is a Registered Trademark of Riverdale Chemical Company

FOR SALE TO AND USE BY COMMERCIAL APPLICATORS, MAINTENANCE PERSONNEL AND  
PROFESSIONAL LANDSCAPERS ONLY.

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 INSIDE BOOKLET FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-355

NET CONTENTS

GALS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
BURR RIDGE, ILLINOIS 60527-0866

ACCEPTED

APR 18 2005  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

228-355

Revised 10/30/02

Changed official product name, revised First Aid per PR Notice 2001-1  
and added Sod Farms to label all via Amendment.

(Inside Booklet)

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

Corrosive. This concentrate causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. 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.

**NON-WPS TURF USES:** Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170)--in general only agricultural plant uses are covered by the WPS--must wear face shield, goggles, or safety glasses and long pants, long-sleeved shirt, socks, shoes and chemical-resistant gloves when mixing, loading or applying this product. It is recommended that safety glasses include front, brow, and temple protection. In addition to the clothing and eye protection listed above, commercial mixer/loaders must wear chemical resistant in place of rubber gloves except when the product is to be applied to a golf course. After using this product, rinse gloves 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.

**NON-WPS INDUSTRIAL USES:** When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear face shield, goggles, or safety glasses and chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. 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. After work, 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.

**WPS USES:** Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170)--in general, agricultural plant uses are covered--must wear: long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material, shoes plus socks, and protective eyewear, when cleaning equipment, mixing or loading. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing of PPE must not be reused until it has been cleaned. If this container is over one gallon and less than five gallons, mixers and loaders who do not use a mechanical system (such as a probe and pump or spigot) to transfer contents of this container must wear coveralls or a chemical resistant apron in addition to the other required PPE.

**Engineering Controls Statements:** 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. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be relaxed or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**USERS SHOULD:** Wash hands, face and arms with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and 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. 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 2,4-D, 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 AND DIRECTIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. For Turf use, 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.

ENTERPRISE™ SELECTIVE HERBICIDE is for use on Ornamental Turf, such as Lawns, Parks, Cemeteries, Golf Courses (Fairways, Aprons, Tees\* and Roughs) and similar non-crop areas. Also for use on Sod Farms. \*Excluding Bentgrass Tees.

**USE PRECAUTIONS**

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Do not use on Centipede, St. Augustine, Dichondra, nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum control of weeds will be obtained from Spring or early Fall applications when weeds are actively growing. Use the higher rate for hard-to-control weeds. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 90°F.

The suitable use of Enterprise™ Selective Herbicide on non-recommended turf species may be determined by treating a small area at any rate/acre which does not exceed 3 pints/acre. The treated area should be observed for any sign of turf injury for a period of 30 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) turf should not be mowed 1 to 2 days before and following application; (3) 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 or to improve spray adhesion 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.

**WEEDS CONTROLLED BY ENTERPRISE™ SELECTIVE HERBICIDE**

Alder, Alfalfa, Artichoke, Aster, Austrian fieldcress, Beggartick, Beggarweed, Bident, Bindweed, Bittercress, Bitterweed, Bitter wintercress, Black medic, Blackeyed Susan, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckbrush, Buckhorn, Bullnettle, Buffalobur, Bull thistle, Bullrush, Burdock, Bur ragweed, Buttercup, Canada thistle, Carolina geranium, Carpetweed, Catnip, Chamise, Chickweed, Chicory, Cinquefoil, Clover, Cockle, Cocklebur, Coffee bean, Coffeeweed, Common sowthistle, Common sunflower, Cornflower (bachelor button), Corn speedwell, Creeping jenny, Croton, Curly Indigo, Dandelion, Day flower, Devil's claw, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Fanweed, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Goosefoot, Ground ivy, Gumweed, Hawkweed, Healall, Hemp, Henbit, Hoary cress, Honeysuckle, Hop clover, Horsetail, Horseweed, Indiana mallow, Indigo, Ironweed, Jerusalem artichoke, Jewelweed, Jimsonweed, Knapweed (diffuse, Russian, & spotted), Knawel, Knotweed, Kochia, Ladysthumb, Lambsquarter, Lespedeza, Little starwort, Locoweed, Lupine, Mallow, Many flowered aster, Marijuana, Marshelder, Matchweed, Meadow salsify (goatsbeard), Mexican weed, Milkweed, Morningglory, Mousetail, Musk thistle, Mustard, Narrowleaf hawksbeard, Nettle, Nightshade (cutleaf & hairy), Orange hawkweed, Oxalis (stricta and corniculata), Parrotfeather, Parsley-piert, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Pineappleweed, Pinnate tansymustard, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Queen Anne's lace, Rabbitbrush, Ragweed, Red clover, Red sorrel, Redroot pigweed, Redstem, Rush, Russian thistle, St. Johnswort, Salsify, Sheep sorrel, Shepherdspurse, Sicklepod, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spiderwort, Spurge, Spotted catsear, Starthistle, Stinging nettle, Stinkweed, Sumac, Sunflower, Sweet clover, Tansymustard, Tansyragwort, Tanweed, Tarweed, Thistle, Toadflax, Tumbleweed, Velvetleaf, Vervain, Vetch, Virginia copperleaf, Virginia creeper, White clover, Wild aster, Wild buckwheat, Wild carrot, Wild geranium, Wild lettuce, Wild parsnip, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Wormseed, Wormwood, Woodsorrell, Yarrow, Yellow rocket, Yellow starthistle, and other broadleaf weeds.

Some of these species may require repeat spot applications and/or use of higher rate recommended on this product label even under ideal conditions for application.

**ORNAMENTAL LAWNS AND TURF**

Apply Enterprise™ Selective Herbicide at the rate of 2 to 3 pints in 20 to 240 gallons of water per acre (0.73 to 1.10 fl. ozs. in 0.5 to 5.5 gallons of water per 1,000 square feet) to control weeds growing in turf planted to Bluegrass, Fescue, Rye, Bent (excluding golf course greens and tees), Bahia, Bermuda and Zoysia.

Note: On closely mowed golf course fairway bentgrass, apply this product at a maximum rate of 2 pints in 20 to 240 gallons of water per acre (0.73 fluid ounces in 0.5 to 5.5 gallons of water per 1000 sq. Ft.). During conditions which promote turf stress use lower rates, 1 to 1-1/2 pints in 20 to 240 gallons of water, per acre (0.36 to 0.55 fluid ounces in 0.3 to 5.5 gallons per 1000 sq. ft.). Slight turf yellowing will disappear after one week. To minimize grass injury, a second application should not be made for at least 4 weeks. Avoid swath overlaps. Do not use on golf course greens or tees.

**Herbi™ Controlled Droplet Applicator:** Add 1-1/2 to 2-1/4 pints of Enterprise™ Selective Herbicide to the 5 pint Herbi bottle, then fill with water to make 5 pints of mixture or substitute 1/2 pint of a surfactant for water while agitating the solution. 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 Enterprise™ Selective Herbicide must be applied when grass is stressed from heat, drought, etc. Herbi™ is a trademark of North American Micron.

**Controlled Droplet Applicators - (CDA), Atomizers, and Spinning Disk Applicators:** Use Enterprise™ Selective Herbicide at the rate of 2 to 3 pints per acre (0.73 to 1.10 fluid ounces per 1,000 square feet) in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment).

**Lower Volume Equipment:** Use 2 to 3 gallons of water per acre. Use application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

**NOTE:** For all grasses (1) Do not overlap spray patterns; (2) Use reduced rates if grass is stressed from heat, drought, etc.; and (3) Follow CDA equipment spray instructions.

#### COMPATIBILITY

Enterprise™ Selective Herbicide 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 (given below) 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. The following compatibility test should always be performed prior to full-scale mixing.

1. Pour 18 ounces of water into a quart jar.
2. Add 1 ounce of either the liquid fertilizer or liquid iron to be used.
3. Add 1 ounce of Enterprise™ Selective Herbicide.
4. Close jar and shake well.
5. Watch the mixture for several seconds after shaking and check again after 30 minutes.
6. If the mixture does not show signs of separating, the combination may be used. If the mixture foams excessively, gels, separates or gets very thick, do not combine for field application.
7. Compatibility may be improved by the use of a compatibility agent. Some suggested compatibility agents to try are Kalo Laboratories Complex, Hopkins Chemical's Unite, Farm Chemicals Inc.'s Compat, Harcros Chemicals' T-Mulz 734-2, Rigo Company's Rigo Compatibility Agent, Witco Chemical's Sponto 168D, Amoco Oil's Amoco Spray Mate and Universal Coop.'s Chem-Link. These agents are all used in the same manner. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding the Enterprise™ Selective Herbicide).
8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed. Do not allow to stand overnight.

#### 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 areas. 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 groundwater. 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), adding rinsate to spray tank. 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, including the use of this product on turf species not recommended on this label.

(RV 103002)

