

228-334

12/16/2005

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(Residential)

RIVERDALE®

HORSEPOWER®

LAWN WEED KILLER

**For Selective Broadleaf Weed Control
in Residential Turf; For Brush Control**

CONTAINS MCPA, TRICLOPYR AND DICAMBA

**KILLS: Dandelion, Clover Chickweed, Oxalis, Ground Ivy, Wild Violet and
[many] [Over 240] other tough lawn weeds.
One quart covers 10,000 sq. ft.**

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	13.72%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid**	1.56%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)***	1.35%
OTHER INGREDIENTS:	<u>83.37%</u>
TOTAL	100.00%

By Isomer Specific Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	11.20%, 0.970 lbs./gal.
**3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	1.12%, 0.097 lbs./gal.
***3,6-Dichloro-o-Anisic Acid	1.12%, 0.097 lbs./gal.

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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

SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

Note: Spanish language is optional

EPA REG. NO. 228-334
EPA EST. NO. 228-IL-1

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



NET CONTENTS
000228-00334.20050920.res.

ACCEPTED
DEC 16 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-334

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING - AVISO**

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses when mixing, pouring this concentrate from one container to another and when removing or reattaching container closure/spray nozzle. After product has been diluted in accordance with Directions for Use, eye protection is not required. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for medical emergency information.	
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. 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 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.

This product is for use on residential turf. **IMPORTANT:** For use on Bluegrass, Fescues, Rye, Bent, Bermuda, Bahia and Zoysia Lawns. Avoid application to St. Augustine or centipede lawns unless injury can be tolerated. [Do not use on St. Augustine and Centipede lawns]. Do not spray Carpet grass, Dichondra or desirable clovers. May cause temporary yellowing of some Bermudagrass turf. Do not exceed specified dosages for any area. Be particularly careful applying within the drip line of trees and other ornamental species. Avoid contact with exposed feeder roots of ornamentals and trees.

LAWN WEED CONTROL

When used as directed kills weeds in your lawn — won't harm lawn grasses.

OR

When used as directed kills broadleaf weeds in lawns — roots and all. Kills weeds — not lawn grasses.

WEEDS [ILLUSTRATION]

Alder, Annual yellow sweet clover, Artichoke, Aster, Austrian fieldcress, Bedstraw, Beggartick, Bident, Bindweed, Bird vetch, Bitterweed, Bitter wintercress, Black-eyed Susan, Black medic, Black mustard, Black-seed plantain, Blessed thistle, Blue lettuce, Blue vervain, Box elder, Bracted plantain, Brassbuttons, Bristly oxtongue, Broadleaf dock,

Broadleaf plantain, Broomweed, Buckhorn, Buckhorn plantain, Bulbous buttercup, Bull nettle, Bull thistle, Burdock, Burning nettle, Bur ragweed, Burweed, Buttercup, Canada thistle, Carolina geranium, Carpetweed, Catchweed bedstraw, Catsear, Catnip, Chickweed, Chicory, Cinquefoil, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common chickweed, Common mullein, Common sowthistle, Corn Chamomile, Creeping jenny, Crimson clover, Croton, Cudweed, Curly dock, Curly indigo, Dandelion, Dead nettle, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Fall dandelion, False dandelion, False flax, False sunflower, Fiddleneck, Field bindweed, Field pansy, Flea bane (daisy), Flixweed, Florida betony, Florida pusley, Frenchweed, Galinsoga, Garlic mustard, Goathead, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hairy bittercress, Hairy fleabane, Hawkweed, Healall, Heartleaf drymary, Hedge bindweed, Hedge mustard, Hemp, Henbit, Hoary cress, Hoary plantain, Hoary vervain, Honeysuckle, Hop clover, Horsenettle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knawel, Knotweed, Lambsquarter, Lespedeza, Locoweed, Lupine, Mallow, Marshelder, Matchweed, Mexicanweed, Milk vetch, Milkweed bloodflower, Mugwort, Morningglory, Mousear chickweed, Musk thistle, Mustard, Narrowleaf plantain, Narrowleaf vetch, Nettle, Orange hawkweed, Oxalis, Oxeye daisy, Parsley-piert, Parsnip, Pearlwort, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Pineywoods bedstraw, Plains coreopsis, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Prickly sida, Primrose, Prostrate knotweed, Prostrate pigweed, Prostrate spurge, Prostrate vervain, Puncture vine, Purslane, Ragweed, Red clover, Redroot pigweed, Red sorrel, Redstem filaree, Rough cinquefoil, Rough fleabane, Roundleafed marigold, Rush, Russian pigweed, Russian thistle, St. Johnswort, Scarlet pimpernel, Scotch thistle, Sheep sorrel, Shepherdspurse, Slender plantain, Smallflower galinsoga, Smartweed, Smooth dock, Smooth pigweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spiny Amaranth, Spiny cocklebur, Spotted catsear, Spotted knapweed, Spotted spurge, Spurge, Spurweed, Stinging nettle, Stinkweed, Stitchwort, Strawberry clover, Sumac, Sunflower, Sweet clover, Tall nettle, Tall vervain, Tansy mustard, Tansy ragwort, Tanweed, Tarweed, Thistle, Tick trefoil, Toadflax, Trailing Crownvetch, Tumble mustard, Tumble pigweed, Tumbleweed, Velvet leaf, Venice mallow, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Virginia pepperweed, Wavyleaf bullthistle, Western clematis, Western salsify, White clover, White mustard, Wild mustard, Wild aster, Wild buckwheat, Wild carrot, Wild four-o'clock, Wild garlic, Wild geranium, Wild lettuce, Wild marigold, Wild onion, Wild parsnip, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Wild vetch, Willow, Witchweed, Woolly morningglory, Woodsorrel, Woolly croton, Woolly plantain, Wormseed, Yarrow, Yellow rocket, Yellowflower pepperweed, and other broadleaf weeds.

MIXING INSTRUCTIONS (Amount to Use)

(For (on) Northern Lawns (grasses))

- Fescues, Kentucky bluegrass, perennial rye & zoysia

When using a tank sprayer: Add 4 fl oz per 1 gallon of water for each 1,000 sq. ft.

[icon] When using an ORTHO Dial 'n Spray: Set dial to 4 oz. Add 8 fl oz of concentrate directly into sprayer jar. **DO NOT ADD WATER.** Spray evenly over 2,000 sq ft. (until jar is empty.) (After spraying with Ortho Dial 'n Spray applicator,) Any unused product should be poured back into its original container.

(For (on) Southern Lawns (grasses))

- Bermuda, bahia, & bent (Do not use on St. Augustine or centipede lawns):

When using a tank sprayer: Add 2 fl oz per gallon of water for each 1,000 sq ft.

[icon] When using ORTHO Dial 'n Spray: Set dial to 2 oz. Add 8 oz of concentrate into sprayer jar. **DO NOT ADD WATER.** Spray evenly over 4,000 sq ft. (until jar is empty.) (After spraying with Ortho Dial 'n Spray applicator,) Any unused product should be poured back into its original container.

(Optional Directions for Hose-End Sprayer)	
AMOUNT TO SPRAY	
[walking man icon]	<ul style="list-style-type: none"> • Measure lawn. Calculate square feet by multiplying length times width. • Use the amount indicated for your lawn variety.
(For (on) Northern Lawns (grasses))	
<ul style="list-style-type: none"> • <u>Fescues, Kentucky bluegrass, perennial rye & zoysia</u> 16 fl oz (1/2 bottle) treats 4,000 sq ft. 	
(For (on) Southern Lawns (grasses))	
<ul style="list-style-type: none"> • <u>Bermuda, bahia, bent. (centipede & St. Augustine.) (Do not use on floratam);</u> 16 fl oz (1/2 bottle) treats 8,000 sq ft. 	
(For (on) Southern Lawns (grasses))	
<ul style="list-style-type: none"> • <u>Centipede & St. Augustine (Do not use on floratam)</u> 16 fl oz (1/2 bottle) treats 10,667 sq ft. <p>(Floratam is a variety of St. Augustinegrass widely grown in Florida). (This product kills floratam grass.) (For floratam lawns, use Weed-B-Gon for St. Augustine Lawns.)</p>	

[END Optional use directions for (Brand Name) Hose-End Sprayer]

FOR BEST RESULTS

Before You Apply:

- Do not mow for 1 to 2 days before or after application.
- If soil is dry, water before application.
- To treat entire lawn (broadcast application): Use a tank sprayer or hose-end sprayer. Measure lawn. Calculate square feet by multiplying length times width. Spray evenly over measured area.

HOW TO APPLY: To spot treat individual lawn weeds: Use a tank sprayer and spray to wet weeds. To reduce spray drift, adjust sprayer nozzle to deliver a coarse spray. For broadcast application - use Ortho Dial 'n Spray applicator.

WHEN TO APPLY:

[illustration]

- Spray when weeds are actively growing.
- [Spray when] temperature is below 90°F.
- Spray when air is calm to avoid drift to vegetables, flowers, ornamental plants, trees, shrubs and other desirable plants.
- Do not apply to newly seeded grasses until well-established (they have been mowed 3 times).
- Rain or watering 1 hour after application will not wash away effectiveness.
- Reseed no sooner than 3 weeks after application.

BRUSH CONTROL

Kills Brush And Other Tough Weeds - Poison Ivy, Poison Oak, Kudzu, Wild Blackberries and over 240 other tough weeds.

WHERE TO USE

This product may be used around homes, cabins and other buildings and along fences.
Amount to Use - 4 fluid ounces per gallon of water per 1,000 square feet.

MIXING INSTRUCTIONS

Amount to Use: 4 fluid ounces per gallon of water per 1,000 square feet (1 tablespoon = 3 teaspoons, 1 fluid ounce = 2 tablespoons).

[icon] When using (Brand Name Spray): Set dial to 4 ounces. Pour 4 ounces. of this product directly into sprayer jar. **DO NOT ADD WATER.** Spray evenly over 1,000 square feet. After spraying, unused product should be poured back into its original container.

HOW TO APPLY

- Use coarse spray pattern to reduce drift to desirable plants.
- Spray weeds to thoroughly wet foliage, stems and trunk.

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- Do not spray on or around plants or grasses you like, they may die too.
- If weeds are growing around desirable plants, shield them from drift with a sheet of cardboard or plastic.
- If desirable plants are accidentally sprayed, rinse off immediately with water.

TO KILL VINES

- If weeds are growing up poles, fences or tree trunks with mature bark, spray to thoroughly cover weeds up to a height of 3 to 4 feet. Tree bark is mature if you scratch the bark with your finger and do not find any green tissue.
- If weeds are climbing shrubs or green barked trees, cut weeds at base and treat as directed for stumps.

TO KILL STUMPS

- Apply product undiluted with a paintbrush to the entire freshly cut stump, including the cut surface, remaining trunk and exposed roots.
- Do not reuse paintbrush. Wrap paintbrush in newspaper and put in trash.

WHEN TO APPLY

[*illustration*]

- Spray when weeds are actively growing.
- Spray when air is calm to avoid drift to vegetables, flowers, ornamental plants, trees, shrubs and other desirable plants.

Note: Contact with poison ivy or poison oak any time of the year can cause an allergic reaction. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

[*Re-entry icon*] Do not allow people (other than applicator) or pets on treatment area during application. People and pets may enter treated area after spray has dried.

<p>STORAGE AND DISPOSAL</p> <p>STORAGE: To be stored in original container and placed in an area inaccessible to children.</p> <p>DISPOSAL: If empty - Do not reuse this container. Place in trash or offer for recycling if available. If partly filled - If product cannot be used as directed, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.</p>

Questions, Comments or Medical Information

Call 1-800-XXX-XXXX www.XXXXXX.com

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Call 1-800-XXX-XXXX www.XXXXXX.com

The Seller's Guarantee

If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.

NOTICE: Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith.

(RV070704)

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APPENDIX

Formula Claims: These claims may be presented on the retail container label or on the labeling accompanying the product.

APPENDIX

- Kills weeds - not lawns.
- For a beautiful Weed-Free Lawn
- Use [Product Name] to control weeds everywhere around [or in] your lawn.
- Kills broadleaf weeds in your lawn.
- Ideal for spot treating individual lawn weeds.

- Rain proof in hours.
- New Formula.
- Can be used on all cool season [turf] [grass] [lawns].
- Guaranteed [Results]
- Kills weeds the first time, every time, guaranteed.
- Guaranteed not to harm the lawn.
- Kills to the root so weeds don't [won't] ever come [grow] back.
- Formerly [Product Name]
- Complete [total] root [weed] kill
- Kills all major [common] broadleaf weeds
- Complete kill [root kill] [weed kill]
- Kills [even] hard to control [kill] weeds
- Kills even tough [the toughest] [lawn] weeds [to the root]
- Won't harm lawns, when used as directed.
- Total root kill
- Kills [dandelions] [chickweed] [clover] [ground ivy] [creeping Charlie] [oxalis] [wild violet] [poison ivy] [poison oak] [over 250] and other [over 240 other] tough [lawn] weeds [tough [lawn] weeds].
- Kills over 250 [tough][lawn] weeds
- Kills Weeds
- Kills over 250 weeds including: dandelion, chickweed, clover, ground ivy, (creeping Charlie), oxalis, wild violet & other tough lawn weeds.
- [Product Name] singles out weeds leaves grass alone [unharmed].
- Targets weeds, leaves grass [the lawn] unharmed.
- Made [scientifically formulated] [special formula] for use on lawns.
- New
- New Formula
- Now
- Helps keep lawn[s] healthy and weed-free.
- How it works: [Product Name] contains an exclusive blend of ingredients scientifically proven to kill even the toughest lawn weeds down to the roots. And its revolutionary formula won't kill [harm] your lawn [grass] – guaranteed! [Best of all], the killing power [the exclusive ingredients] only work[s] on weeds, so it [Product Name] won't kill [harm] your lawn [grass] – guaranteed! When used as directed.
- Helps keep[s] the lawn look [ing] beautiful.
- Great [ideal] for spot treatments
- Kills the toughest [lawn] weeds, guaranteed.
- Maximum weed [brush] control
- Results [works] with 1 application
- Tough weed formula
- Max Kill Formula
- Kills weeds to the MAX
- Revolutionary [tough weed] formula
- [Company Name][our][Product Name] best lawn weed killer [weed killer for lawns] [brush killer]
- [Company Name] [our] [Product Name] most-effective lawn weed killer [weed killer for lawns] [brush killer]
- [Company Name] [our] [Product Name] most powerful lawn weed killer [weed killer for lawns] [brush killer]
- [Company Name] [Product Name] strongest formula [ever]
- Kills the [entire] root
- 100% [MAX] root [weed] kill.
- [Product Name] MAX
- Guaranteed kill.
- Tough on weeds. Gentle [easy] on lawns.
- Easy to use.
- Just attach hose and spray.
- Results in 24 hours
- Overnight results
- Rain-Proof in 1 hour
- Rain-Proof! BRAND
- PRODUCT FACT
- Treats up to 8,000 sq. ft. [16 oz. size] (at 2 fl. oz/1 Gal/ 1,000 sq ft. rate)

- Treats up to 16,000 sq. ft. [32 oz. size] (at 2 fl oz/1 Gal/ 1,000 sq ft. rate)
- Makes up to 8 gallons of spray [16 oz. size] (at 2 fl oz/1 Gal/ 1,000 sq ft. rate)
- Makes up to 16 gallons of spray [32 oz. size] (at 2 fl oz/1 Gal/ 1,000 sq ft. rate)
- Results Guaranteed!
- Kills Poison Ivy, Poison Oak and Other Tough Weeds
- Kills Brush, Woody Weeds & Vines
- Also kills poison oak, [wild] blackberries, kudzu and stumps
- Kills Poison Ivy and Tough Brush [that invades your yard]
- Kills the toughest weeds [brush]

{Optional Language Below – Use Precautions}

USE PRECAUTIONS

Do not pour spray solutions near desirable plants. Avoid fine mists. Maximum kill (or control) of weeds will be obtained from spring or early fall applications when weeds are actively growing.

The suitable use of this product on non-recommended turf species may be determined by treating a small area at any rate/sq. ft. which does not exceed 4 ounces/1,000 square feet. Prior to treatment of larger areas, 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. The user assumes the responsibility for any plant damage or other liability resulting from the use of this product on species not recommended on this label.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) avoid applying if rainfall is expected within 24 hours, nor should lawns be irrigated (watered) for 24 hours following application. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.