

228-335

11/18/2005

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Riverdale®

(Residential label)

# HORSEPOWER® 8000 LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN RESIDENTIAL TURF  
CONTAINS MCPA, TRICLOPYR AND DICAMBA

**KILLS (OR CONTROLS):** Clover, Cocklebur, Dandelion, Chickweed, Black medic, Ground Ivy, Knotweed, Plantain, Oxalis, Spurge, Thistle, Wild Violet and many other species of broadleaf weeds; some of which are listed on this label.

One Quart Covers 8,000 Square Feet

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid* .....	10.97%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid** .....	1.25%
Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)*** .....	1.08%

<b>OTHER INGREDIENTS</b> .....	<u>86.70%</u>
<b>TOTAL:</b> .....	100.00%

By Isomer Specific AOAC Method, Equivalent To:

*2-Methyl-4-Chlorophenoxyacetic Acid .....	8.960%, 0.770 lbs./gal.
**3,5,6-Trichloro-2-Pyridinyloxyacetic Acid .....	0.896%, 0.077 lbs./gal.
***3,6-Dichloro-o-Anisic Acid .....	0.896%, 0.077 lbs./gal.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

EPA REG. NO. 228-335  
EPA EST. NO. 228-IL-1

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



NET CONTENTS      GALS.

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ACCEPTED

NOV 18 2005

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

228-335

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

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

<b>USER SAFETY RECOMMENDATIONS</b>	
<b>Users Should:</b>	
<ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> </ul>	

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
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 emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
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. 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 ground water 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.

**Entry Restrictions:** Do not allow people or pets to enter the treated area until dusts have settled.

**Application Restrictions:** Avoid contact with eyes, skin, or clothing during and after application. Do not apply this product in a way that will contact person or pet either directly or through drift. Keep people and pets out of the area during application.

**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.

**USE PRECAUTIONS**

Spray when air is calm to avoid spray drift. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Do not use on Carpetgrass, Dichondra, nor on lawns or turf where desirable Clovers are present. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum kill (or control) of weeds will be obtained from spring or early fall applications when weeds are actively growing. Spray entire lawn, wetting weeds and lawn grasses. 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.

Avoid application to Centipede, or St. Augustine grasses unless turf injury can be tolerated. The suitable use of this product on non-recommended turf species may be determined by treating a small area at any rate/square feet which does not exceed 3 pints/15,000 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. If lawn needs watering, water thoroughly before application; (3) turf should not be mowed 1 to 2 days before and following application; (4) 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.

#### WEEDS CONTROLLED

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

#### ORNAMENTAL LAWNS AND TURF

Apply this product at the rate of 2 pints in 4 to 50 gallons of water per 8,000 square feet (4 fluid ounces in 1/2 to 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.

**Disposable Sprayer and Bottle Instructions:** Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 8,000 sq.ft. Remove bottle cap and screw bottle into nozzle. Connect spray nozzle to hose 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.

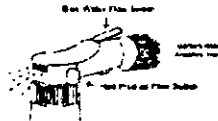
- 2,000 square feet
- 4,000 square feet
- 6,000 square feet
- 8,000 square feet

(Optional marks on left for 1 quart disposable bottle. Not to scale.)

OR

**HOSE-END SPRAYER INSTRUCTIONS:**

Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 8,000 square feet. Before attaching sprayer to garden hose, make sure that the blue flow switch is in the "OFF" position; red flow switch in the up, "CLOSED" position. Connect spray nozzle to garden hose while holding sprayer at waist level, point in direction away from face and body. Insure sprayer is securely tightened to bottle. Turn on water at the tap; move blue flow switch to "ON" position; and, turn red flow switch to the forward, "OPEN" position. This product (or product name) will mix automatically at the proper ratio. When spraying, walk back and forth at a steady pace. When finished spraying, turn blue flow switch to "OFF" position and red flow switch to "CLOSED" position.



**STORAGE AND DISPOSAL**

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

**PESTICIDE (OR PRODUCT) DISPOSAL:** If empty - Do not reuse this container except as specified in directions to prepare refill. Place in trash or offer for recycling if available. If partly filled - Call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

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

(RV091505)

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**Optional Marketing Statements**

For Both Cool Season & Warm Season Grasses  
(Product) is for use on Ornamental Turf

**Alternate Statements**

'OTHER'

\*Please note, some states still may require the term INERT.

Editor's Note: Subregistrant will choose either Disposable or Hose-end instructions.