

228-406

03/11/2005

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 228-406	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale DTDA 8000 Lawn Weed Killer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas Inc. 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60527  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">NOTIFICATION</div> EPA Reg. No. _____  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAR 11 2005</div> Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)


Revised precautionary statements and first aid in accordance with EPA correspondence of Jan 25, 2005. Also made minor formatting changes in both labels (residential and commercial).

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>			
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If "Yes" Unit Packaging wgt.    No. per container	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If "Yes" Package wgt    No. per container	<b>2. Type of Container</b> <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<b>3. Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) Retail Container</b>	<b>5. Location of Label Directions</b> <input type="checkbox"/>
<b>6. Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____

**Section - IV**

<b>1. Contact Point</b> (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
<b>Name</b> Jeannie Smith	<b>Title</b> VP Registrations & Regulatory Affairs	<b>Telephone No. (Include Area Code)</b> 708 755-7332
<b>2. Signature</b> 		<b>6. Date Application Received</b> (Stamp)
<b>3. Title</b> VP Registrations & Regulatory Affairs		
<b>4. Typed Name</b> Jeannie Smith	<b>5. Date</b> February 14, 2005	

**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

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NOTIFICATION  
MAR 11 2005

(COMMERCIAL LABEL)

Riverdale®

# DTDA™ 8000

# LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN ORNAMENTAL LAWNS,  
TURF GRASSES AND OTHER LISTED SITES.

CONTAINS 2,4-D, TRICLOPYR, AND DICAMBA

KILLS (OR CONTROLS): DANDELION, CHICKWEED, BLACK MEDIC, KNOTWEED, PLANTAIN,  
OXALIS, CLOVER, COCKLEBUR, THISTLE AND MANY OTHER SPECIES OF BROADLEAF WEEDS.

ONE QUART TREATS (COVERS) 8000 SQUARE FEET

**ACTIVE INGREDIENTS:**

Trisopropanolamine Salt of 2,4-D Acid* .....	12.9%
Triethylamine Salt of Triclopyr Acid** .....	1.2%
Dicamba Acid*** .....	0.9%

**OTHER INGREDIENTS:**

.....	85.0%
<b>TOTAL:</b> .....	100.0%

Isomer Specific Method, Equivalent to:

*2,4-D Acid .....	6.944%, 0.604 lbs./gal.
**Triclopyr Acid .....	0.862%, 0.075 lbs./gal.
***Dicamba Acid .....	0.862%, 0.075 lbs./gal.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE INSIDE BOOKLET 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

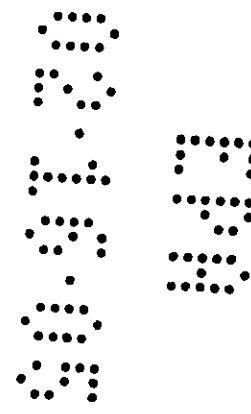
EPA REG. NO. 228-406  
EPA EST. NO. 228-1L-1

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



NET CONTENTS      GALS.

000228-00406.021305.Com



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

Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated contact may cause allergic reactions in some individuals. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

When using this product, wear long-sleeved shirt, long pants, socks, shoes, and rubber gloves. 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.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

The maximum number of broadcast applications per treatment site is 2 per year.

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.

<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>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>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.</p>	

**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 washwaters. Do not apply this product through any type of irrigation system.

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.**

This product 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. \*Excluding Bentgrass Tees.

**USE PRECAUTIONS**

Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. 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 Centipedegrass, St. Augustinegrass, Dichondragrass, 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. Do not exceed recommended rates because damage to turf may occur. Shake well before using.

**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**

This product is designed to control many broadleaf weeds such as:

Alder	Cocklebur	Hoary cress	Parsley-piert	Spurweed
Artichoke	Cocklebur, Spiny	Honeysuckle	Parsnip	St. Johnswort
Aster	Coffeebean	Horsenettle	Parsnip, Wild	Stinkweed
Aster, Wild	Coffeeweed	Horsetail	Pearlwort	Stitchwort
Bedstraw	Coreopsis, Plains	Ironweed	Pennycress	Strawberry, Wild
Bedstraw, Pineywoods	Creeping jenny	Ivy, Poison	Pennywort	Sumac
Beggartick	Croton	Jewelweed	Peppergrass	Sunflower
Betony, Florida	Croton, Wooly	Jimsonweed	Pepperweed	Sunflower, False
Biden	Cudweed	Knapweed, Spotted	Pepperweed, Virginia	Sweet Potato, Wild
Bindweed	Curly indigo	Knawel	Pigweed	Tansy Ragwort
Bindweed, Field	Daisy, English	Knotweed	Pigweed, Prostrate	Tanweed
Bindweed, Hedge	Daisy, Oxeye	Knotweed, Prostrate	Pigweed, Redroot	Tarweed
Bitter wintercress	Dandelion	Kochia	Pigweed, Russian	Thistle
Bittercress, Hairy	Dandelion, Fall	Lambsquarter	Pigweed, Smooth	Thistle, Blessed
Bitterweed	Dandelion, False	Lespedeza	Pigweed, Tumble	Thistle, Bull
Black-eyed Susan	Dock	Lettuce, Blue	Scarlet Pimpernel	Thistle, Canada
Bloodflower, Milkweed	Dock, Broadleaf	Lettuce, Prickly	Plantain	Thistle, Musk
Boxelder	Dock, Curly	Lettuce, Wild	Plantain, Blackseed	Thistle, Russian
Brassbuttons	Dock, Smooth	Locoweed	Plantain, Bracted	Thistle, Scotch
Bristly Oxtongue	Dogbane	Lupine	Plantain, Broadleaf	Toadflax
Broomweed	Dogfennel	Mallow	Plantain, Buckhorn	Trailing Crownvetch
Buckhorn	Elderberry	Mallow, Indiana	Plantain, Hoary	Trefoil, Tick
Buckwheat, Wild	Fiddleneck	Mallow, Venice	Plantain, Narrowleaf	Tumbleweed
Bur ragweed	Fieldcress, Austrian	Marigold, Roundleaved	Plantain, Slender	Velvet leaf
Burdock	Filaree, Redstem	Marigold, Wild	Plantain, Wooly	Veronica
Burweed	Flax, False	Marshelder	Pokeweed	Vervain
Buttercup	Flea bane (daisy)	Matchweed	Poorjoe	Vervain, Blue
Buttercup, Bulbous	Fleabane, Hairy	Medic, Black	Povertyweed	Vervain, Hoary
Carpetweed	Fleabane, Rough	Mexicanweed	Prickly Sida	Vervain, Prostrate
Carrot, Wild	Flixweed	Morningglory	Primrose	Vervain, Tall
Catchweed Bedstraw	Florida pusley	Morningglory, Wooly	Puncture vine	Vetch
Catnip	Four-O'-Clock, Wild	Mugwort	Purslane	Vetch, Bird
Catsear	Frenchweed	Mullein, Common	Radish, Wild	Vetch, Milk
Catsear, Spotted	Galinsoga	Mustard	Ragweed	Vetch, Narrowleaf
Chamomile, Corn	Galinsoga, Smallflower	Mustard, Black	Rape, Wild	Vetch, Wild
Chickweed	Garlic, Wild	Mustard, Garlic	Rose, Southern Wild	Virginia Buttonweed
Chickweed, Common	Geranium, Carolina	Mustard, Hedge	Rush	Virginia Creeper
Chickweed, Mouseear	Geranium, Wild	Mustard, Tansy	Salsify, Western	Wavyleaf Bullthistle
Chicory	Goathead	Mustard, Tumble	Shepherdspurse	Willow
Cinquefoil	Goatsbeard	Mustard, White	Smartweed	Witchweed
Cinquefoil, Rough	Goldenrod	Mustard, Wild	Sneezeweed	Woodsorrel
Clematis, Western	Ground-ivy	Nettle	Sorrel, Red	Wormseed
Clover	Groundsel	Nettle, Bull	Sorrel, Sheep	Yarrow
Clover, Annual Yellow	Gumweed	Nettle, Burning	Sowthistle	Yellow rocket
Sweet	Hawkweed	Nettle, Dead	Sowthistle, Common	Yellowflower
Clover, Crimson	Hawkweed, Orange	Nettle, Stinging	Spanishneedle	Pepperweed
Clover, Hop	Healfall	Nettle, Tall	Spatterdock	and other broadleaf
Clover, Red	Heartleaf drymary	Oak, Poison	Speedwell	weeds
Clover, Strawberry	Heathaster	Onion, Wild	Spiny Amaranth	
Clover, Sweet	Hemlock, Poison	Oxalis	Spurge	
Clover, White	Hemp	Pansy, Field	Spurge, Prostrate	
Cockle	Henbit	Plantain, Blackseed	Spurge, Spotted	

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-kill (or control) broadleaf weeds may require a second broadcast treatment in 3 to 4 weeks. In the event further applications are needed, use

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as a spot treatment.

Apply this product at the rate of 1.6 to 2.4 pints in 4 to 50 gallons of water per 8,000 square feet (2 to 3 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, Ryegrass, Bentgrass (excluding golf course greens and tees), Bahiagrass, Bermudagrass and Zoysiagrass.

**Note:** Some hybrid Bermudagrasses may be sensitive to this product. Contact your local Extension Service weed control specialist.

**Disposable Sprayer and Bottle Instructions:** Determine area to be sprayed. Apply at a rate of 32 fluid ounces (1 quart) per 8,000 square feet. 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 (Optional marks on left for 1 quart disposable bottle. Not to scale.)
- 6,000 Square Feet
- 8,000 Square Feet

**Roadsides (including aprons and guard rails), rights-of-way, drainage ditchbanks and other similar non-crop areas:** For control of broadleaf weeds, mix at a rate of 0.8 to 2.6 pints of this product per 5 to 30 gallons of water. This mixture will cover 4,350 square feet. 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 Refill of DTDA Spot Weed Killer:** Put 2.9 fluid ounces of this product into the labeled empty quart container. Then add 29.1 fluid ounces of tap water. Trigger Sprayer - adjust spray nozzle to give coarse spray. Aim at center of weed and spray to wet. Applicator Cap - Hold applicator end about 6 inches from surface to be treated and thoroughly wet. To obtain wider coverage raise container. One application should be sufficient. Effects begin to show after a few days and weeds gradually die. Repeat as necessary.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. 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 store near open containers of fertilizer, seed or other pesticides.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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). 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.

**NOTICE:** Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith. (RV012505)

DTDA is a Trademark of Nufarm Americas Inc.  
Riverdale is a Registered Trademark of Nufarm Americas Inc.



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Nufarm Americas Inc.  
Jeannie K. Smith  
Vice President  
Registrations & Regulatory Affairs  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527  
Phone: 708.755-7332 Fax: 708.754.0314  
jeannie.smith@us.nufarm.com

February 14, 2005

Via Overnight Courier

Document Processing Desk (NOTIF)  
Office of Pesticide Programs 7504C  
US Environmental Protection Agency  
1801 South Bell Street  
Arlington, VA 22202-4501

Subject: **Riverdale® DTDA 8000 Lawn Weed Killer**  
EPA Reg. No.: 228-406

Enclosed are the following items to support a notification amendment.

1. EPA Application Form 8570-1
2. Two (2) Copies of Amended Labeling
3. Copy of EPA's January 25, 2005 Correspondence

This notification amendment is submitted in response to the Agency's January 25, 2005 correspondence. Minor formatting changes were also made to the label and two incomplete weed names (prairie and spiny) were removed from the weed list.

Let me know if you have any questions or concerns. Thank you.

Regards,

A handwritten signature in black ink that reads 'Jeannie K. Smith'.

Jeannie K. Smith  
Vice President  
Registrations & Regulatory Affairs

