

228-343

4-24-2007

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Matthew Granahan
Regulatory Specialist
Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

APR 24 2007

SUBJECT: Applications for Pesticide Notification – Request for Optional Language, etc.
Riverdale® Dissolve® Weed and Feed EPA Reg. No. 228-281
✓ Riverdale® Millennium Ultra™ Weed and Feed EPA Reg. No. 228-343
Viper® Weed and Feed (20#/5M) EPA Reg. No. 228-413
Applications Dated March 28, 2007

Dear Mr. Granahan:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above products. The Registration Division (RD) has conducted a review of these requests for their applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The labels submitted with the applications have been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

<p>United States Environmental Protection Agency Washington, DC 20460</p>	<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 228-343	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale® Millennium Ultra™ Weed and Feed - Commercial	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <input checked="" 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: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
APR 24 2007

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

Label Notification per PR Notice 98-10, Section II. Amended labeling with label claims as highlighted. 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 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 the 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 section 12 and 14 of FIFRA.

Section - III

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

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name George Meindl george.meindl@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) 630.455.2017	
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.			6. Date Application Received (Stamped) _____
2. Signature 	3. Title Registration Manager		
4. Typed Name George Meindl	5. Date 03/28/07		



Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
Telephone: (630) 455.2000 Facsimile: (630) 455.2001
www.us.nufarm.com

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NOTIFICATION

APR 24 2007

March 28, 2007

Via Overnight Courier

U. S. Environmental Protection Agency (7504P)
Document Processing Desk (NOTIF)
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

APR 24 2007

NOTIFICATION

Subject: Riverdale® Millennium Ultra™ Weed and Feed - Commercial
EPA REG. No. 228-343
Label Notification per PR 98-10

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to add optional language to subject product's label. The proposed language is consistent with PR Notice 98-10, Section II (labeling notifications) Subsection N and PR Notice 98-10, Section II (labeling notifications) Subsection E. We have added the following sentences "Formulated for fast Herbicide Response", "Suggested spreader settings are not intended to replace calibration", "Please calibrate your spreader prior to applying product" and "XXX pounds treats XXX square feet at the XXX pounds per acre rate".

To process this request please find enclosed the following:

- Application for Pesticide Registration EPA form 8570-1
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling – clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at (630) 455-2048 or matthewgranahan@us.nufarm.com or contact George Meindl at (630) 455-2017 or e-mail at george.meindl@us.nufarm.com.

Sincerely,

Matthew Granahan
Regulatory Specialist

cc: [illegible]

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NOTIFICATION

APR 24 2007

(Commercial Only Label)

RIVERDALE® MILLENNIUM ULTRA™ WEED AND FEED

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, CLOPYRALID AND DICAMBA

Weeds contacted by this product gradually die and disappear from the lawn.
Treats (or covers) 5,000 Square Feet (50' x 100')

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-D*	0.690%
Monoethanolamine Salt of Clopyralid**	0.094%
Dimethylamine Salt of Dicamba***	0.086%

OTHER INGREDIENTS:	<u>99.130%</u>
TOTAL:	100.000%

BY ISOMER SPECIFIC METHOD, EQUIVALENT TO:

*2,4-D Acid	0.573%
**Clopyralid Acid	0.071%
***Dicamba Acid	0.071%

GUARANTEED ANALYSIS:

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ O)	X%
Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash.	
Chlorine (Cl) Maximum	X%

The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.
Fertilizer guaranteed by (Name of fertilizer registrant)

IN NEW YORK STATE, THIS PRODUCT MAY ONLY BE SOLD TO AND USED BY PROFESSIONAL APPLICATORS AND IS PROHIBITED FROM SALE AND USE IN NASSAU AND SUFFOLK COUNTIES.
IN CALIFORNIA, OREGON, AND WASHINGTON, TURFGRASS AND LAWN USES ARE RESTRICTED TO GOLF COURSES ONLY.

This product cannot be used on Agricultural, Forest sites or Right-of-way.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL 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. 228-343
EPA EST. NO. 228-IL-1

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



NET WEIGHT LBS.
000228-00343.20070326.FIN

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin, or clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. 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 dust has settled.

FIRST AID	
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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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.
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 emergency medical treatment information.	

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. Do not contaminate water when disposing of equipment washwaters or rinsate.

Most cases of ground water contamination involving herbicides such as 2,4-D and Clopyralid have been associated with mixing/loading and disposal sites. Additionally, using Clopyralid where soils are permeable, particularly where water table is shallow, may also result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading and disposal sites to prevent contamination of groundwater supplies. Use the closed system for mixing and transferring this pesticide will reduce the probability of spills. Placement of 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 (Industrial and Institutional), Parks Cemeteries, Athletic and Recreational Sports Fields, Golf Courses (Fairways, Aprons, Tees* and Roughs) and similar turf areas. *Excluding Bentgrass Tees.

Do not use on Centipede, Dichondra, and St. Augustine. Do not use this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants. Do not apply when air temperature exceeds 90°F. Avoid overlapping.

Do not use on residential turf. Do not collect grass clippings for mulch or compost. Do not send clippings to a compost facility. Applicator must give notice to landowners/property managers to not use grass clippings for mulching or composting.

WEEDS CONTROLLED

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as:

Alder	Blessed thistle	Burning nettle	Coffeebean
Annual yellow sweet clover	Blue lettuce	Bur ragweed	Coffeeweed
Artichoke	Blue vervain	Burweed	Common chickweed
Aster	Box elder	Buttercup	Common mullein
Austrian fieldcress	Bracted plantain	Canada thistle	Common sowthistle
Bedstraw	Brassbuttons	Carolina geranium	Corn Chamomile
Beggartick	Bristly oxtongue	Carpetweed	Creeping jenny
Biden	Broadleaf dock	Catchweed Bedstraw	Crimson clover
Blindweed	Broadleaf plantain	Catsear	Croton
Blue catch	Broomweed	Catnip	Cudweed
Bitterweed	Buckhorn	Chickweed	Curly dock
Bitter wintercress	Buckhorn plantain	Chicory	Curly indigo
Black-eyed Susan	Bulbous buttercup	Cinquefoil	Dandelion
Black Medic	Bull nettle	Clover	Dead nettle
Black Mustard	Bull thistle	Cockle	Dock
Black-seed plantain	Burdock	Cocklebur	Dogbane

(continued)

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

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain, sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to listed Warm Season Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 20 (or 18) pound bag should be used on 5,000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4 (or 3.6 for 18 lb. Bag) pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 1 (.9 for 18 lb. Bag) pound per 250 square feet.

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**SPREADER SETTINGS
ONE PASS APPLICATION***

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen/1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing *(No. of lbs.)* pounds of nitrogen per 1,000 square feet (optional P205 and K20 levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based on Inert Fertilizer claimed.

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. Do not stack more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticides.

PRODUCT DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. 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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay away from smoke.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(RV041805)

Riverdale is a Registered Trademark of Nufarm Americas Inc.

OPTIONAL SPREADER INSTRUCTIONS:

(Illustration)For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration)For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

Suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader prior to applying product.

XXX pounds treats XXX square feet at the XXX pounds per acre rate

OPTIONAL MARKETING STATEMENTS

Contains Millennium Ultra™ - A Premium Selective Herbicide

The following note will not be part of the actual label copy.

¹Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

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OPTIONAL MARKETING STATEMENT(S)

For Both Cool Season & Warm Season Grasses

Formulated for Fast Herbicide Response

EDITOR'S NOTE:

²The State Sale and Use Prohibitions of this product must be part of printed label text for any product which might possibly enter the channels of trade in the states of New York, California, Oregon and/or Washington. The state label prohibition is optional for all other states.

Special Editor's Note: **REVISED**

RECEIVED
FEB 11 1988
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535