

228-413

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. 228-419
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 read "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

	United States Environmental Protection Agency 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 228-413	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Viper® Weed and Feed (20#/5M) - 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"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION APR 24 2007
<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.)

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	
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		

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, 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	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
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.
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

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 nor pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCP-p 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 or 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.

VIPER™ WEED AND FEED is a stable mixture of four herbicides. It 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.

This product may be used on Bahia, common Bermuda, Blue Grass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. DO NOT USE on Dichondra and Carpet grass. 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.

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

Alder	Broadleaf dock	Coffeebean	Field bindweed	Hoary vervain
Annual yellow	Broadleaf plantain	Coffeeweed	Field pansy	Honeysuckle
sweet clover	Broomweed	Common chickweed	Flea bane (daisy)	Hop clover
Artichoke	Buckhorn	Common mullein	Flixweed	Horsenettle
Aster	Buckhorn plantain	Common sowthistle	Florida betony	Horsetail
Austrian fieldcress	Bulbous buttercup	Corn	Florida pusley	Indiana mallow
Bedstraw	Bull nettle	Chamomile	Frenchweed	Ironweed
Beggartick	Bull thistle	Creeping jenny	Galinsoga	Jewelweed
Biden	Burdock	Crimson clover	Garlic mustard	Jimsonweed
Bindweed	Burning nettle	Croton	Goathead	Kochia
Bird vetch	Bur ragweed	Cudweed	Goatsbeard	Knawel
Bitterweed	Burweed	Curly dock	Goldenrod	Knotweed
Bitter wintercress	Buttercup	Curly indigo	Ground ivy	Lambsquarter
Black-eyed Susan	Canada thistle	Dandelion	Gumweed	Lespedeza
Black medic	Carolina geranium	Dead nettle	Hairy bittercress	Locoweed
Black mustard	Carpetweed	Dock	Hairy fleabane	Lupine
Blackseed pantain	Catchweed bedstraw	Dogbane	Hawkweed	Mallow
Blackseed plantain	Catsear	Dogfennel	Healall	Marshelder
Black thistle	Catnip	Elderberry	Heartleaf drymary	Matchweed
Blue delftuce	Chickweed	English daisy	Hedge bindweed	Mexicanweed
Blue vervain	Chicory	Fall dandelion	Hedge mustard	Milk vetch
Blue elder	Cinquefoil	False dandelion	Hemp	Milkweed bloodflower
Bracted plantain	Clover	False flax	Henbit	Mugwort
Brassbuttons	Cockle	False sunflower	Hoary cress	Morningglory
Bristly oxtongue	Cocklebur	Fiddleneck	Hoary plantain	Mousear chickweed

Musk thistle	Prickly sida	Smartweed	Tansy ragwort	Wild carrot
Mustard	Primrose	Smooth dock	Tanweed	Wild four-o'clock
Narrowleaf plantain	Prostrate knotweed	Smooth pigweed	Tarweed	Wild garlic
Narrowleaf vetch	Prostrate pigweed	Sneezeweed	Thistle	Wild geranium
Nettle	Prostrate spurge	Southern wild rose	Tick trefoil	Wild lettuce
Orange hawkweed	Prostrate vervain	Sowthistle	Toadflax	Wild marigold
Oxalis	Puncture vine	Spanishneedle	Trailing Crownvetch	Wild onion
Oxeye daisy	Purslane	Spatterdock	Tumble mustard	Wild parsnip
Parsley-piert	Ragweed	Speedwell	Tumble pigweed	Wild radish
Parsnip	Red clover	Spiny Amaranth	Tumbleweed	Wild rape
Pearwort	Redroot pigweed	Spiny cocklebur	Velvet leaf	Wild strawberry
Pennycress	Red sorrel	Spotted catsear	Venice mallow	Wild sweet potato
Pennywort	Redstem filaree	Spotted knapweed	Veronica	Wild vetch
Peppergrass	Rough cinquefoil	Spotted spurge	Vervain	Willow
Pepperweed	Rough fleabane	Spurge	Vetch	Witchweed
Pigweed	Roundleafed marigold	Spurweed	Virginia buttonweed	Woolly morningglory
Pineywoods bedstraw	Rush	Stinging nettle	Virginia creeper	Woodsorrel
Plains coreopsis	Russian pigweed	Stinkweed	Virginia pepperweed	Woolly croton
Plantain	Russian thistle	Stitchwort	Wavyleaf bullthistle	Woolly plantain
Poison hemlock	St. Johnswort	Strawberry clover	Western clematis	Wormseed
Poison ivy	Scarlet pimpernel	Sumac	Western salsify	Yarrow
Poison oak	Scotch thistle	Sunflower	White clover	Yellow rocket
Pokeweed	Sheep sorrel	Sweet clover	White mustard	Yellowflower
Poorjoe	Shepherdspurge	Tall nettle	Wild mustard	pepperweed, and
Povertyweed	Slender plantain	Tall vervain	Wild aster	other broadleaf weeds
Prickly lettuce	Smallflower galinsoga	Tansy mustard	Wild buckwheat	

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 Southern Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. 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 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 equal to one application.

The following settings are approximate for applying contents of this package at a suggested rate of 4 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 pound per 250 square feet.

**SPREADER SETTINGS
ONE PASS APPLICATION²**

MAKE	SETTING
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 P₂O₅ and K₂O 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.

Environmental Benefits

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

- Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.*
- √ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- √ Reduces Glare & Reduces Noise
- √ Traps Dust, Smoke Particles & Other Pollutants
- √ Purifies Water & Modifies Temperature
- √ Improves Soil Condition & Controls Erosion

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.

PESTICIDE 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.

(RV050806N)

Riverdale and The Optical Advantage are Registered Trademarks of Nufarm Americas Inc. Viper is a Registered Trademark of Nufarm Americas Inc.

Patent Pending

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.

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

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

