

228-190

3-13-2008

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MAR 13 2008

Mr. Matthew Granahan  
Registration Manager  
Nufarm Americas Inc.  
150 Harvester Drive Suite 200  
Burr Ridge, Il 60527

Re: Riverdale Triamine Jet-Spray Spot Weed Killer  
EPA Reg No.: 228-190  
Date of Submission: February 15, 2008

Dear Mr. Granahan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated February 15, 2008, for the product Riverdale Triamine Jet-Spray Spot Weed Killer. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

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



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

|  |   |  |                       |
|--|---|--|-----------------------|
|  | United States<br><b>Environmental Protection Agency</b><br>Washington, DC 20460 | <input type="checkbox"/> Registration<br><input type="checkbox"/> Amendment<br><input checked="" type="checkbox"/> Other | OPP Identifier Number |
|--|---|--|-----------------------|

**Application for Pesticide - Section I**

|  |  |   |
|--|--|---|
| <b>1. Company/Product Number</b><br>228-190  | <b>2. EPA Product Manager</b><br>J. Miller | <b>3. Proposed Classification</b><br><input type="checkbox"/> None <input type="checkbox"/> Restricted  |
| <b>4. Company/Product (Name)</b><br>Triamine Jet-Spray Spot Weed Killer  | <b>PM#</b><br>23                           |   |
| <b>5. Name and Address of Applicant (Include ZIP Code)</b><br>Nufarm Americas, Inc.<br>150 Harvester Drive, Suite 200<br>Burr Ridge, IL 60527<br><input type="checkbox"/> Check if this is a new address |  | <b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:<br>EPA Reg. No. _____<br><br>Product Name _____ |

**Section - II**

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

**NOTIFICATION**  
**MAR 13 2008**

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

Label Notification per PR Notice 98-10, see cover letter for detailed explanation. 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**

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

**Section - IV**

|  |   |   |
|--|---|---|
| <b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>   |   |   |
| <b>Name</b><br>Ted Head ted.head@us.nufarm.com   | <b>Title</b><br>Registration Manager    | <b>Telephone No. (Include Area Code)</b><br>630.455.2016  |
| <b>Certification</b><br>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. |   | <b>6. Date Application Received (Stamped)</b><br><br><div style="border: 1px dashed black; width: 100%; height: 100%;"></div> |
| <b>2. Signature</b><br>  | <b>3. Title</b><br>Registration Manager |   |
| <b>4. Typed Name</b><br>Ted Head   | <b>5. Date</b><br>02/15/08              |   |

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NOTIFICATION

MAR 13 2008

# TRIAMINE® JET-SPRAY SPOT WEED KILLER

READY-TO-USE

CONTROLS DANDELIONS, CLOVER, CHICKWEED AND MANY  
OTHER LISTED WEEDS ON LAWNS AND ORNAMENTAL TURF

GET THE OPTICAL ADVANTAGE®

**ACTIVE INGREDIENTS:**

|   |        |
|---|--------|
| Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid* .....                     | 0.326% |
| Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**‡ ..... | 0.164% |
| Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***‡ .....     | 0.161% |

|                                 |          |
|---------------------------------|----------|
| <b>OTHER INGREDIENTS:</b> ..... | 99.349%  |
| <b>TOTAL:</b> .....             | 100.000% |

Isomer Specific AOAC Method, Equivalent to:

|  |                         |
|--|-------------------------|
| *2,4-Dichlorophenoxyacetic Acid .....                    | 0.270%, 0.023 lbs./gal. |
| **(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid ..... | 0.135%, 0.011 lbs./gal. |
| ***(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid .....     | 0.135%, 0.011 lbs./gal. |

‡ CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p and DICHLORPROP-p

**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. 228-190  
EPA EST. NO. 58996-MO-1

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURR RIDGE, IL 60527



NET CONTENTS 22 oz.

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

Harmful if swallowed, inhaled or absorbed through skin. Wear long pants, long-sleeved shirt, socks, shoes and chemical-resistant gloves when handling or applying this product. After using this product, wash nondisposable gloves thoroughly with soap and water 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 areas until spray has dried.

| <b>FIRST AID</b>  |  |
|---|--|
| <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>IF INHALED</b>   | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</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. |  |

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water.

**PHYSICAL OR CHEMICAL HAZARDS**

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

**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 contains a foam which marks the spot where the weed killer has been applied.

1. Shake can just before using and occasionally during use.
2. Invert can, hold at arm's length, and point can at weed as you press button. Do not press button when can is in upright position.
3. Stand close to weed (1 to 2 feet) with can aimed at weed and away from face.
4. Push down briefly on button. Spray to cover center of weed, do not over-spray. The spray's foaming action will make it easy for you to see coverage.
5. One application will kill most weeds listed. If certain tough weeds are not dead within 3 weeks, repeat application.

**USE PRECAUTIONS**

**IMPORTANT:** Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray exposed roots of desirable plants. Do not spray on Dichondra, Lippia, nor on grasses where desirable Clovers are present. Do not apply to newly seeded grasses until they have been mowed 3 times. Do not cut grass 1 to 2 days before and after application. Do not reseed for 3 to 4 weeks after use. If lawn needs watering, water thoroughly before application. Do not water for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours. Do not exceed recommended rates because damage to turf may occur. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not apply when temperature exceeds 90°F. Shake well before using.

**WEEDS CONTROLLED**

Alder, Annual yellow sweet clover, Artichoke, Aster, Austrian fieldcress, Bedstraw, Beggartick, Bidden, Bindweed, Bird vetch, Bitterweed, Bitter wintercress, Black-eyed Susan, Black medic, Black mustard, Blackseed 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, Roundleaved marigold, Rush, Russian pigweed, Russian thistle, St. Johnswort, Scarlet pimpernel, Scotch thistle, Sheep sorrel, Shepherdspurge, 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, 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.

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second (or an additional) treatment in 3 to 4 weeks.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep from freezing. To be stored in original container and placed in an area inaccessible to children. Do not store near heat or open flame.

**DISPOSAL:** If empty - Do not reuse this container. Place in trash. If partly filled - If product cannot be used as directed, or offered to others for their use, call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

**LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(021408N)

Triamine and The Optical Advantage are registered trademarks of Nufarm Americas Inc.

(Optional copy for NFDA aerosol codes)

- 1. Water Based
- 2. Level 1 Aerosol

(Other optional statements)

- 1. Kills 33 Plus Weed Types - Roots and All
- 2. Contains No CFC's or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.
- 3. Controls more than 130 other broadleaf weeds.
- 4. Kills the weeds, not the lawn.
- 5. Weed details on back.
- 6. Questions or comments? Call toll free 1-800/XXX-XXXX, Weekdays X to X \_\_\_\_ time.
- 7. SATISFACTION GUARANTEED

If this (Seller's Name) product fails to give complete satisfaction, return to the (Seller's Location) where purchased for free replacement.

Additional front panel statement for Sub-registrants not using the word Triamine® in the product name: Contains Triamine®.

Optional CLI language†:

- Dimethylamine Salt of 2,4-D\*
- Dimethylamine Salt of Mecoprop-p\*\*
- Dimethylamine Salt of Dichlorprop-p\*\*\*
- \*2,4-D Acid
- \*\*Mecoprop Acid
- \*\*\*Dichlorprop Acid

OTHER\*

Please note, some states may still require the term Inert and/or the full chemical name(s).

Optional Marketing Hype:

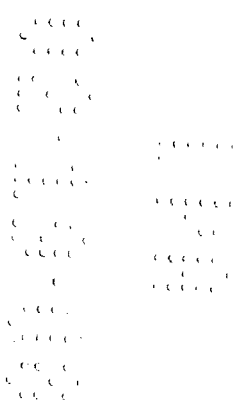
**SATISFACTION GUARANTEED**

If for any reason you are not completely satisfied with the performance of results of this (XYZ) product, it will be repaired or replaced free of charge. Simply provide proof of purchase and return the product and/or unused portion to the place of purchase. For customer questions and comments, please call (company name and phone number). For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticides Telecommunications Network at 1-800-858-7378.

Kills broadleaf weeds down through the root.

Won't harm lawn grasses when used according to directions.

Unique foam marks treated weeds.





7/7  
Nufarm Americas Inc.

150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Telephone: (630) 455.2000 Facsimile: (630) 455.2001

www.us.nufarm.com

February 15, 2008

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

**Subject: Riverdale Triamine Jet-Spray Spot Weed Killer  
EPA REG. No. 228-190  
Label Notification per PR 98-10  
Triamine Jet-Spray Spot Weed Killer**

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to change Manufactured By for the subject registration to be: Nufarm Americas Inc. It is felt that this label change is permitted and consistent with PR Notice 98-10 section II (Labeling notifications) part N (Other Revisions). This change in Manufactured By accurately reflects the registrant responsible for this pesticide product.

To process this request please find enclosed the following:

- Application for Pesticide Registration EPA form 8570-1
- Final print labeling with new primary brand name (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at (630) 455-2048 or [matthew.granahan@us.nufarm.com](mailto:matthew.granahan@us.nufarm.com) or contact Ted Head at (630) 455-2016 or e-mail at [ted.head@us.nufarm.com](mailto:ted.head@us.nufarm.com)

Sincerely,

A handwritten signature in black ink, appearing to read 'Matthew Granahan', is written over a horizontal line.

Matthew Granahan  
Regulatory Specialist  
Nufarm Americas, Inc.

