



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

JUN 10 2010

Subject:

Dear Mr. Granahan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated May 14, 2010 for:

**EPA Registration 228-189**

**Triamine Liquid Weed and Feed**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PRN Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-1243 or Susan Stanton of my staff at 703-305-5218.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn Montague, Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

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

### Application for Pesticide - Section I

1. Company/Product Number 228-189	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Triamine Liquid Weed and Feed	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 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: 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 _____
<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.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1, 2 1/2, 5, 30, 55 Gals and Bulk		5. Location of Label Directions <input checked="" type="checkbox"/> -	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Self-Adhesive Intergated Label/Booklet	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Matthew Granahan matthew.granahan@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) (630) 455-2048
<b>Certification</b> 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  <b>(Stamped)</b>
2. Signature 	3. Title Registration Manager	
4. Typed Name Matthew Granahan	5. Date 05/14/2010	



**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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May 14, 2010

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: Triamine Liquid Weed and Feed  
 EPA Reg. No. 228-189  
 Label Notification per PR N 07-04**

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to add language to subject product's label. The proposed language is consistent with PR Notice 2007-04. We have updated the Storage and Disposal on label.

To process this request please find enclosed the following:

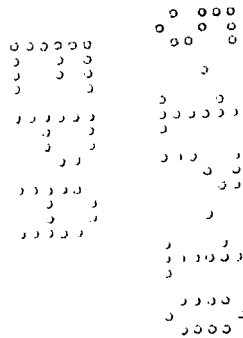
- Application for Pesticide Registration EPA form 8570-1
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling -- clean (1 copy)

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

Sincerely,



Matthew Granahan  
 Registration Manager  
 Nufarm Americas Inc.



JUN 10 2010

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# TRIAMINE® LIQUID WEED AND FEED

READY-TO-USE  
FOR USE WITH A HOSE-END SPRAYER ON ORNAMENTAL TURF (GRASS) LAWNS  
NO MIXING

Just Connect Hose, Turn On Water, and Spray

TREATS (COVERS) 5,000 TO 7,500 SQUARE FEET  
(Read directions for different grasses.)

CONTAINS 2,4-D, MECOPROP-p, DICHLOROPROP-p AND A X-X-X FERTILIZER

GET THE OPTICAL ADVANTAGE®

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid* . . . . .	3.26%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**‡ . . . . .	1.63%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***‡ . . . . .	1.60%

<b>OTHER INGREDIENTS:</b> . . . . .	93.51%
<b>TOTAL:</b> . . . . .	100.00%

Equivalent to:

*2,4-Dichlorophenoxyacetic Acid. . . . .	2.70%, 0.26 lb(s)/gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid . . . . .	1.35%, 0.13 lb(s)/gal.
***(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid. . . . .	1.33%, 0.13 lb(s)/gal.

‡CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p AND DICHLORPROP-p.

**GUARANTEED ANALYSIS:\***

Total Nitrogen (N) . . . . .	X%
X% Urea Nitrogen	
Fertilizer guaranteed by (Name of Fertilizer registrant).	

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE SIDE AND BACK 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. 228-189  
EPA EST. NO. 228-IL-1

Manufactured For  
NUFARM AMERICAS INC.  
150 Harvester Drive  
Burr Ridge, IL 60527



**NET CONTENTS**

000228-00189.20100514.EPA\_PRN2007-4  
.EPA\_PRN2007-4

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

Harmful if absorbed through skin, inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. When using this product, wear long-sleeved shirt, long pants, socks and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<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 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>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 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>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 pesticide may adversely affect non-target plants. Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. Apply this product directly to your lawn or garden, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product run-off, do not over water the treated area(s) to the point of run-off or apply when raining or when rain is expected that day.

**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.**

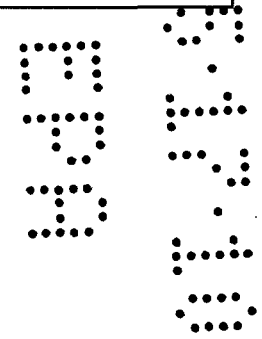
Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

Limited to 2 applications per year. A minimum of 30 days between applications is required.

Do not apply as a fine mist because of potential injury to desirable plants.

Spray anytime during the growing season when weeds are actively growing (except as noted for S - Southern or Warm Season Grasses).

<b>5,000 square feet</b>	Coverage for (N - Northern or Cool Season Grasses) such as Bluegrass, Fescue, and Rye grasses.
<b>7,500 square feet</b>	Coverage for (S - Southern or Warm Season Grasses) Bahia, common Bermuda, St. Augustine, Centipede, Zoysia and Bentgrasses. Some temporary injury may occur with these grasses. In spring, do not apply until grass has reached full green-up. In fall, exercise care when grass growth is going into dormancy. When applying to Bentgrass, height of grass should be 1.5 inches or more.  <b>Note:</b> Some hybrid Bermuda grasses may be sensitive to this product. Contact your local Extension Service weed control specialist.  (Optional Statement: Do not use on Floratam or other improved varieties of St. Augustine grass in Florida.)



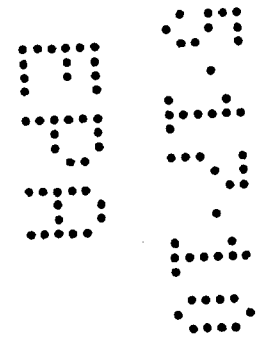
### USE PRECAUTIONS

**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 or plant stolons 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. (Optional statements for adjustable sprayers - Avoid fine mists. Use a lawn type sprayer with a coarse spray as wind drift is less likely.) Spray entire lawn, wetting weeds and lawn grasses. Do not exceed application 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 85°F. Shake well before using.

### WEEDS CONTROLLED

Alder	Dogfennel	Orange hawkweed	Stinkweed
Artichoke	Elderberry	Oxalis	Stitchwort
Aster	English daisy	Parsnip	Sumac
Austrian fieldcress	Flea bane (daisy)	Pennycress	Sunflower
Beggartick	Flixweed	Pennywort	Sweet clover
Biden	Florida pusley	Peppergrass	Tarweed
Bindweed	Frenchweed	Pepperweed	Thistle
Bitterweed	Galinsoga	Pigweed	Toadflax
Bitter wintercress	Goatsbeard	Plantain	Tumbleweed
Black medic	Goldenrod	Poison hemlock	Velvet leaf
Blessed thistle	Ground ivy	Poison ivy	Veronica
Blue lettuce	Gumweed	Poison oak	Vervain
Box elder	Hawkweed	Pokeweed	Vetch
Broomweed	Healall	Poorjoe	Virginia buttonweed
Buckhorn	Heartleaf drymary	Povertyweed	Virginia creeper
Bull thistle	Hemp	Prickly lettuce	Wild aster
Burdock	Henbit	Primrose	Wild carrot
Bur ragweed	Hoary cress	Puncture vine	Wild garlic
Buttercup	Honeysuckle	Purslane	Wild geranium
Canada thistle	Horsetail	Ragweed	Wild lettuce
Carpetweed	Indiana mallow	Red clover	Wild onion
Catnip	Ironweed	Red sorrel	Wild radish
Chickweed	Jewelweed	Rush	Wild rape
Chicory	Jimsonweed	Russian thistle	Wild strawberry
Clover	Kochia	St. Johnswort	Wild sweet potato
Cockle	Knotweed	Sheep sorrel	Willow
Cocklebur	Lambsquarter	Shepherdspurse	Witchweed
Coffeebean	Locoweed	Smartweed	Woodsorrel
Coffeeweed	Lupine	Sneezeweed	Wormseed
Common sowthistle	Mailow	Southern wild rose	Yarrow
Creeping jenny	Marshelder	Sowthistle	Yellow rocket
Croton	Mexicanweed	Spanishneedle	and (many) other
Curly indigo	Morningglory	Spatterdock	broadleaf weeds.
Dandelion	Musk thistle	Speedwell	
Dock	Mustard	Spurge	
Dogbane	Nettle	Spurweed	

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.



**(HOSE-END SPRAYER INSTRUCTIONS)**

**HOW TO APPLY:** Use any hose-end sprayer that is designed for use on lawns and makes a minimum of 15 gallons of finished spray. Such sprayers are Ortho's Orthomatic Lawn Sprayer, Ortho's and Black Leaf's Lawn Sprayers (dilution ratio of 60 to 1). The following are adjustable/dial sprayers:

<u>MANUFACTURER</u>	<u>SETTING</u>
Super K-Gro	20
Melnor #94 & #95	11
Melnor #96 & #97	13
Gilmour #362	4
Gilmour #486	12

**SPECIAL NOTE:** Some adjustable sprayers do not hold 32 fluid ounces. The above settings are based on using 32 fluid ounces per 5,000 or 7,500 square feet. The entire contents of this bottle must be used to make the proper recommended application rate.

Determine area to be sprayed. Apply at a rate of 32 fluid ounces (1 quart) per 5,000 square feet on N - Northern or Cool Season Grasses or 7,500 square feet for application on S - Southern or Warm Season Grasses. Fill sprayer jar with appropriate amount of this product. Do not dilute this product with water when filling sprayer jar. The water will automatically mix with this product during spraying. Attach sprayer to garden hose while holding sprayer at waist level. Point in direction away from face and body. Walk back and forth at a steady pace. Overlap slightly for uniform coverage.

**(DISPOSABLE SPRAYER AND BOTTLE INSTRUCTIONS)**

**HOW TO APPLY:** Connect spray nozzle to hose. Remove bottle cap and screw bottle into nozzle. While holding sprayer at waist level, point in direction away from face and body. Turn on water at the tap. Place finger over hole on right side of nozzle (or turn on/off lever to the "ON" position) and this product will mix automatically at the proper ratio. Walk back and forth at steady pace. Overlap slightly for uniform coverage.

**COVERAGE MEASURING GUIDE**

<u>COOL SEASON (N)</u>	<u>WARM SEASON (S)</u>
1,000 square feet	1,500 square feet
2,000 square feet	3,000 square feet
3,000 square feet	4,500 square feet
4,000 square feet	6,000 square feet
5,000 square feet	7,500 square feet

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound nitrogen per 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 pounds) pounds of nitrogen per 1,000 square feet (optional P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

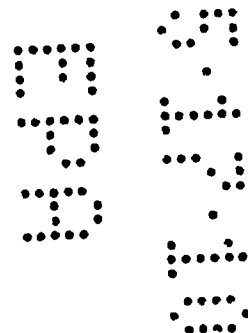
\*Based on Inert fertilizer claimed.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep from freezing. To be stored in original container and placed in areas inaccessible to children.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty:** 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.



**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.

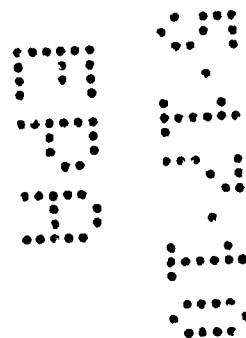
**LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT 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.

**If you do not agree with or do not accept any of the 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.**

(RV051410)

Triamine and The Optical Advantage are a registered trademarks of Nufarm Americas Inc.  
All other trademarks are the property of their respective owners.





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

°NOTE: Guaranteed (fertilizer) Analysis and weight will vary among various commercial fertilizer manufacturers.

**(Additional copy for refill size)**

For refill only: Use this bottle to refill the quart hose-end sprayer of Triamine® Liquid Weed and Feed. Follow directions for use on hose-end sprayer bottle. (Optional statement - and directions pamphlet enclosed with 1 quart bottle.)

**(GWF SPRAYER INFORMATION)**

- (Optional statements - For Residential Use Only
- For more information about Seller's products call 1-800-XXX-XXXX)

**Nozzle Instructions**

**HOW TO APPLY**

- No Mix, No Measure
- Make sure ON/OFF valve is in OFF position.
- Shake well before applying.
- Connect spray nozzle to hose.
- Turn on the water at the tap.
- When ready to treat, point in direction away from face and body and pull the tab toward the hose end connection. Turn the ON/OFF valve to the ON position. The water mixes automatically with this product at the proper ratio.
- Walk and spray at a steady pace. Marks on side of bottle indicate the number of square feet covered in 1,000's.

