



### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460

EPA	Reg.	Numbe

Date of Issuance:

228-206

1-11-08

NOTICE OF PESTICIDE:

Registration

<u>x</u> Reregistration (under FIFRA, as amended)

ion Name of Pe

Term of Issuance:

Name of Pesticide Product:

Triamine II

Name and Address of Registrant (include ZIP Code):

Nufarm Americas, Inc.

150 HARVESTER DRIVE, SUITE 200

Burr Ridge, IL 60527

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(c)(2)(C) provided you agree to make the following labeling changes:

1. Under Precautionary Statements";

Make the following changes:

- Change "Harmful or fatal if swallowed" to "Harmful if swallowed."
- Change "Do not get in eyes or clothing" to "Do not get in eyes, on skin, or on clothing."
- Add "Avoid contact with eyes, skin, or clothing."
- Delete "Wash thoroughly . . . and wash before use."
- 2. Add a section on "Personal Protective Equipment (PPE)" with the following requirements:

"Some materials that are chemical-resistant to this product are made out of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers and other handlers must wear:

- Long- sleeved shirt and long pants.
- Protective eyewear (goggles or face shield).
- · Shoes plus socks, and
- Chemical- resistant gloves made of any waterproof materials when mixing, loading, or using any hand-held equipment.

Signature of Approving Official:

Date:

1-11-08

Product Manager (23)

Herbicide Branch, Registration Division (7505P)

Page 2 EPA Reg. No. 228-206

3. Add a section on "User Safety Recommendations" in a box with the following statements:

"Users should wash hands before eating, drinking, chewing gum, using tobacco or using toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing."

4. Under User Safety Requirements";

Add a section with the following requirements:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry."

5. Under "Spray Drift Management";

Add the additional requirement for ground boom application:
"Do not apply with a nozzle height greater than 4 feet above the crop canopy."

6. Under "Restrictions and Limitations for use on Non-Crop Areas";

Add the following restrictions on ornamental lawns, turf and Golf Course applications:

- Do not apply more than 4.7 pints of product (1.5 lb of MCPA) /acre per year. Do not apply more than 2 applications per year with a minimum treatment interval of 21 days."
- Aerial application is prohibited.
- 7. Under "Residential Turf";

The yearly application limit for residential turf is 4.7 pints product. You need to reduce your application rate (10 pints/year) accordingly.

8. Under "Similar Non-Crop Areas":

The yearly application limit for non-crop area is 4.7 pints of product for broadcast and 9.4 pints of product for spot treatment. You need to reduce your application rates (8-12 pints/year) for broadcast accordingly.

- 9. Add a Non-Agricultural Use requirements box with the appropriate language specified in Chapter 10 of the EPA Label Review Manual (August 2003). Also add "Do not enter or allow people or pet to enter the treated field until spays have dried.
- 10. Add "Aerial application is not permitted."
- 11. Under "Warranty Disclaimer";

Add "To the extent consistent with applicable law" before "Unintended consequences, including but not limited to . . . assumed by buyer or user."

Enh Kref 1-11-08

Page 3 EPA Reg. No. 228-206

12. Under "Limitation of Liability";

Add "To the extent consistent with applicable law" before "Manufacturer or seller shall not be sold by the manufacturer or seller to buyer" and "Buyer's or user's exclusive remedy . . . or its customers."

13. Specify this product is a restricted use pesticide due to its corrosive effect to the eyes.

Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the revised final printed label for the record before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosure

En 6 1-11-08

# 48

## **TRIAMINE® II**

A THREE-WAY POST-EMERGENT SELECTIVE BROADLEAF HERBICIDE CONTAINING THE AMINES OF MCPA, MECOPROP-p AND DICHLORPROP-p.

FOR USE ON GOLF COURSES, PARKS, HIGHWAYS, ORNAMENTAL TURF LAWNS AND SIMILAR NON-CROP AREAS. CONTROLS DANDELIONS, CHICKWEEDS, PLANTAINS, OXALIS, SPURGE AND MANY OTHER BROADLEAF WEEDS, SOME OF WHICH ARE LISTED ON THIS LABEL.

**GET THE OPTICAL ADVANTAGE®** 

ACTIVE INGREDIENTS:  Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*  Dimethylamine Salt of (+)-R- 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**‡.  Dimethylamine Salt of (+)-R- 2-(2,4-Dichlorophenoxy)propionic Acid***‡  OTHER INGREDIENTS:  TOTAL	8.47% 8.34% 66.04%
Isomer Specific Method, Equivalent to:  *2-Methyl-4-Chlorophenoxyacetic Acid	07.0%, 0.63 lbs./gal.

#### KEEP OUT OF REACH OF CHILDREN

#### **DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (if you do not understand the label, find someone to explain it to you in detail.)

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. 228-206 EPA EST. NO. 228-IL-1 MANUFACTURED BY NUFARM AMERICAS INC. BURR RIDGE, IL 60527



NET CONTENTS

GALS.

ACCEPTED
with COMMENTS
in EPA Letter Dated

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

228-206

000228-00206.20060929.pending



## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive, causes irreversible eye damage. Harmful or fatal if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get in eyes or on clothing. Wear goggles or face shield when mixing or loading. Wash thoroughly with seap and water after handling. Remove contaminated elething and wash before reuse.

FIRST AID	
IF IN EYES	<ul> <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>
IF SWALLOWED	<ul> <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>
IF ON SKIN OR CLOTHING	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.
IF INHALED	<ul> <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>
•	HOT LINE NUMBER Italiner or label with you when calling a poison control center or doctor, or going for treatment. I 1-877-325-1840 for emergency medical treatment information.
Probable mucosal da	NOTE TO PHYSICIAN mage may contraindicate the use of gastric lavage.

#### **ENVIRONMENTAL HAZARDS**

This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. Do not apply directly to water, 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

#### **GENERAL INFORMATION**

This product is a stable solution containing a mixture of three herbicides. It is non-flammable. 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, woody plants, along highways, Rights-of-Way, and other non-crop areas. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

#### SPRAY DRIFT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2 to 10 mph at the application site.

#### **USE PRECAUTIONS**

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not spray near these plants. Do not spray on carpetgrass,



dichondra, nor on grasses where desirable clovers are present. Except as noted, use a lawn type sprayer with coarse spray as wind drift is less likely. Avoid fine mists. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Do not apply to newly seeded grasses until well established. Avoid broadcast applications when air temperature exceeds 90 degrees. When using small, spot treatment applications in temperature over 90 degrees, turf injury may occur.

When treating Carpetgrass and St. Augustine grass, avoid broadcast applications when air temperature exceeds 80 degrees. When air temperatures exceed 80-degrees,-limit application-to-spot-treatment only.

Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, (1) turf should not be mowed 1 to 2 days before and following application; (2) do not apply if rainfall is expected within 48 hours; nor should lawns be irrigated (watered) for 48 hours following application. 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. Failure to observe the above precautions may result in injury.

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in the application equipment. All regulations, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

#### **WEEDS CONTROLLED**

Dogbane Alder Alligatorweed Dogfennel American lotus Duckweed Arrowhead Elderberry Artichoke Aster Austrian fieldcress Flixweed Beggartick Biden Bindweed Galinsoga Bitterweed Bitter winter cress Black medic Blessed thistle Gumweed Blue lettuce Box elder Healall Broomweed Buckhorn Hemp **Bull thistle** Henbit Bulrush Burdock Horsetail Bur ragweed Buttercup Indigo Canada thistle Carpetweed Ironweed Catnin Chickweed Kochia Chicory Clover Knotweed Cockle Cocklebur Locoweed Lupine Coffeebean Coffeeweed Mallow Common sowthistle Creeping jenny Croton Curly indigo Musk thistle Dandelion Mustard

Dock

Nettle

Nutgrass Oxalis English daisy Parsnip Flea bane (daisy) Florida pusley Frenchweed Goatsbeard Plantain Goldenrod Ground ivy Hawkweed Poorioe Heartleaf drymary Hoary cress Honeysuckle Indiana mallow Rush Jewelweed Jimsonweed Lambsquarter Marshelder Mexicanweed Morningglory Spatterdock

Spurweed Orange hawkweed Stinkweed Stitchwort Parrot feather Sumac Sunflower Pennycress Sweet clover Tarweed Pennywort Thistle Peppergrass Pepperweed Toadflax Tumbleweed Pigweed Velvet leaf Poison hemlock Veronica Poison ivy Vervain Poison oak Vetch Pokeweed Virginia creeper Water hyacinth Povertyweed Water lily Water plantain Prickly lettuce Primrose Water primrose Puncture vine Water shield Purslane Wild aster Wild carrot Ragweed Red clover-Wild garlic Wild geranium Red sorrel Wild lettuce Russian thistle Wild onion Sagebrush Wild radish St. Johnswort Wild rape Sheep sorrel Wild strawberry Shepherdspurse Wild sweet potato Sicklepod Willow Witchweed Smartweed Sneezeweed Woodsorrel Wormseed Southern wild rose Sowthistle Yarrow Spanishneedle Yellow rocket

Virginia buttonweed and

other broadleaf weeds.

#### **ORNAMENTAL LAWNS AND TURF**

Speedwell

Spurge

Cool Season Grasses - such as bluegrass, fescue, and rye: Apply this product at a rate of 3 to 4 pints per acre in sufficient water for good coverage, 40 to 80 gallons of water per acre (1 to 2 gallons of water per 1,000 square feet is normal). For small lawns, apply 5 to 7 teaspoons in 1 gallon of water per 1,000 square feet.

Warm Season Grasses - such as St. Augustine, bahia, common Bermuda, centipede and zoysia grasses: Apply this product

at a maximum rate of 2 to 3 pints in up to 150 gallons of water per acre (2/3 to 1-1/3 oz. in 3 gallons of water per 1,000 sq.ft.). Do not spray St. Augustine, common Bermuda or centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 week. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

Bentgrass Turf: On closely mowed bentgrass, other than golf course greens and tees, apply this product at a maximum rate of 2/3 ounce in 3 gallons water per 1,000 square feet (1-3/4 pints per acre) in May or mid-August through September when weeds are actively growing. Exercise care when applying to avoid overdosing bentgrass or turf injury may result. Slight-turf yellowing should disappear after about 1 week.

Low-Volume Applicator: When using a Low-Volume Applicator (such as Lawn Doctor's "Turf Tamer") apply this product at a rate of 3 to 4 pints per acre (1.1 oz. to 1.5 oz. in 1/2 gallon of water per 1,000 sq. ft.).

Herbi™ Controlled Droplet Applicator: Add 2 pints of this product to the 5 pint Herbi bottle, then fill with 3 pints of water, or 2-1/2 pints of water and 1/2 pint of a surfactant while agitating the solution. For warm season grasses, apply 1-1/2 pints of this product to 3-1/2 pints of water. While walking at approximately 1 pace (3 feet) per second; spray entire contents over 33,000 square feet (3/4 of an acre). Do not overlap (double coverage) at edge of spray patterns. Reduced rates (use 1/2 of rate shown above) of this product must be applied when grass is stressed from heat, drought, etc.

Herbi™ is a trademark of North American Micron.

## RESTRICTIONS AND LIMITATIONS FOR USE ON REGIDENTIAL TURE ALL THE

Do not apply more than 10 pints per acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

#### SIMILAR NON-CROP AREAS

Roadsides (including aprons and guard rails), Rights-of-way, and other similar non-crop areas: For the control of broadleaf weeds, mix at a rate of 1/3 to 1 gallon of this product per 50 to 300 gallons of water. This mixture will cover 43,500 sq. ft. 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 small (spot) applications with small tank sprayers use at the rate of 4 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

For control of woody plants: Apply to both stems and foliage from the time foliage is completely matured until the plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 1 to 1-1/2 gallons of this product to 100 gallons of water using 200 to 600 gallons of spray mixture per 43,500 sq. ft. depending upon the height and thickness of the brush. Mix thoroughly before spraying.

#### RESTRICTIONS AND LIMITATIONS FOR USE ON NON-CROP AREAS

Do not apply more than 10 pints per acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

#### 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 acutely hazardous. 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. 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

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.

#### **WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER. TO THE EXTENT PERMITTED BY LAW, 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 CROP INJURY OR INFFFECTIVENESS, 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

8

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 PERMITTED BY 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. 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 RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. 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. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS.

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.

(RV092906)

Triamine and The Optical Advantage are Registered Trademarks of Nufarm Americas Inc.