

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

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

NOV 6 2009

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4 and 2008-1

Dear Mr. Granahan:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 and 2008-1 dated July 9, 2009 for:

#### **EPA Registration 228-432**

#### Lazer Weed and Feed X-X-X Formula One

The Registration Division (RD) has conducted a review of the request(s) for applicability under 2007-4 and 2008-1 and finds that the label changes requested fall within the scope of 2007-4 and 2008-1. 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 identify 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/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

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

rieașe read instructions on reverse before c	) amalatina farm		,)	one Approved OMP No.	2070 0060
o EDA	United States  Tental Protection  Washington, DC 20480		Registrat Amendm X Other	ľ	
	Application	for Pesticide - Sec	ction I		
1. Company/Product Number 228-432		2. EPA Product Ma Joanne Miller	nager	3. Proposed Classifica	
4. Company/Product (Name) Lazer Weed and Feed X-X-X - Formula One	)	PM# 23	***************************************	None F	Restricted
5. Name and Address of Applicant (Include Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Check if this is a new add		(b)(i), my product to:	t is similar or identic	ce with FIFRA Section al in composition and I	
<u> </u>		Section - II			
Amendment - Explain below.  Resubmission in response to Agen  Notification - Explain below.  Explanation: Use additional page(s) if r  Notification of label change relative to PR Notice and the requirements of EPA's regulations at 40 and no other changes have been made to the la willfully make any false statement to EPA. I furth requirements of 40 CFR 156.10, 40 CFR 156.80 violation of FIFRA and I may be subject to enfor	ecessery. (For section I 2008-1 and PR Notice 2007 CFR 156.10, 40 CFR 156.80 beling or the confidential stater understand that if this notice and 40 CFR 152.46, 40 CFR	and Section II.)  Other - Ex  and Section II.)  -04. This notification is consiste 0 and 40 CFR 152.46, 40 CFR 1 ement of formula of this product fication is not consistent with the R 156.140, 40 CFR 156.144, 40	Application.  Int with the guidance in PF 56.140, 40 CFR 156.144, 1 understand that it is a very guidance of PR Notice 2 CFR 156.146, and 40 CF	, 40 CFR 156.146, and 40 CF violation of 18 U.S.C. Sec. 10 2008-1 and PR Notice 2007-0	e 2007-4 R 156.156 01 to 4 and the
		Section - III			
1. Material This Product Will Be Packaged	ln:				
Child-Resistant Packaging  Yes  No  * Certification must be submitted  Unit Packaging  Unit Packaging  Ves  X No  If "Yes" Unit Packaging	No. per	Water Soluble Packaging  Yes  X No  If "Yes" No. per Package wgt contain	X	ontainer Metal Plastic Glass Paper Other (Spacify)	
3. Location of Net Contents Information  X Label Container	4. Size(s) Retail 16 - 50 Lbs E		5. Location of Label	Directions	
6. Manner in Which Lebel is Affixed to Pro	duct X Lithograp X Paper glu Stenciled	oh Othe	er		
		Section - IV			
1. Contact Point   Complete items directly	below for identification o	of individual to be contacted	, if necessary, to proc	ess this application.)	
Name Matthew Granahan matthew.granaha	n@us.nufarm.com	tle legistration Manage		elephone No. (Include Are 630.455.2048	ea Code)
I certify that the statements I have a I acknowledge that any knowlingly both under applicable law.		attachments thereto are tru			
2. Signature	1	ոս Registration M	anager		
4. Typed Name  Matthew Granahan	T .	1/04/09			





Nufarm Americas Inc.

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

July 9, 2009

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:

Lazer Weed and Feed X-X-X - Formula One

**EPA REG. No. 228-432** 

**Final Print Labeling Submission** 

Label Notification per PR 08-01 & 07-04

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to submit Final Print Labeling, consistent with EPA Accepted labeling with Commentary, date September 12, 2008.

Nufarm Americas, Inc would also like to change the Environmental Hazards Section of referenced Residential label in accordance with the PR Notice 2008-1, as relating to a Broadcast Granular formulated product. Additionally, Nufarm Americas Inc. has added language to referenced label, consistent within PR Notice 2007-04.

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 matthew.granahan@us.nufarm.com.

Sincerely!

Matthew Granahan Registration Manager Nufarm Americas, Inc.

## **NOTIFICATION**

(COMMERCIAL LABEL)

NOV - 6 2009

# LAZER® WEED AND FEED X-X-X

#### - FORMULA ONE

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.

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 Acid*	6
Dimethylamine Salt of Mecoprop-p Acid**†	
Dicamba Acid*** 0.00289	
OTHER INGREDIENTS:	6
TOTAL: 100.000°	6
Isomer Specific Method, Equivalent to:	%
**Mecoprop-p Acid	%
***Dicamba Acid	%
†CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p	
GUARANTEED ANALYSIS:	
Total Nitrogen (N)	%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) X <sup>c</sup>	%
Soluble Potash (K <sub>2</sub> O) X <sup>c</sup>	%
Primary Plant Foods derived (List Sources)	
Chlorine (CI) Maximum	%
The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.	
Fertilizer guaranteed by (Name of Fertilizer registrant)	

## 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. 228-432 EPA EST. NO. 228-IL-1 Manufactured For NUFARM AMERICAS INC. 150 Harvester Drive Burr Ridge, IL 60527



NET WEIGHT: 16 LBS. (7.25 Kg)

000228-00432.20090708.EPA.24d.FIN



# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin, Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

#### All loaders, applicators, and other handlers must wear:

- · long-sleeved shirt and long pants,
- · shoes plus socks, and
- · chemical-resistant gloves made of any waterproof material.

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.

#### **USER SAFETY RECOMMENDATIONS**

#### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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.

<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 by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<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>
-

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 is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

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. Application around a cistern or well may result in contamination of drinking water or groundwater.

#### **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 a stable mixture of three 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.

#### **GENERAL PRECAUTIONS AND RESTRICTIONS**

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.

The maximum number of broadcast or combination broadcast and spot treatment applications per treatment site is 2 per year.

Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

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.

Not for use on turf grown for sale or other commercial use as sod, or for commercial seed productions, or for research purposes.



#### **WEEDS CONTROLLED**

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

Common chickweed Horsetail Toadflax Puncture vine Annual yellow sweet Trailing Crownvetch Common mullein Indiana mallow Purslane clover Common sowthistle Ironweed Ragweed Tumble mustard Artichoke Corn Chamomile Jewelweed Red clover Tumble pigweed Aster Tumbleweed Creeping jenny Jimsonweed Redroot pigweed Austrian fieldcress Crimson clover Knotweed Red sorrel Velvet leaf Bedstraw Croton Lambsquarter Redstem filaree Venice mallow Beggartick Cudweed Lespedeza Rough cinquefoil Veronica Biden Curly dock Locoweed Rough fleabane Vervain Bindweed Curly indigo Lupine Roundleafed marigold Vetch Bird vetch Dandelion Mallow Rush Virginia buttonweed Bitterweed Dead nettle Marshelder Russian pigweed Virginia creeper Bitter wintercress Virginia pepperweed Dack Matchweed Russian thistle Black-eyed Susan Dogbane Mexicanweed St. Johnswort Wavyleaf bullthistle Black medic Western clematis Dogfennel Milk vetch Scarlet pimpernel Black mustard Elderberry Milkweed bloodflower Scotch thistle Western salsify Blackseed plantain English daisy White clover Mugwort Sheep sorrel Blessed thistle Fall dandelion Morningglory Shepherdspurse White mustard Mousear chickweed Blue lettuce False dandelion Wild mustard Slender plantain Blue vervain False flax Musk thistle Smallflower galinsoga Wild aster False sunflower Box elder Mustard Smartweed Wild buckwheat Bracted plantain Fiddleneck Narrowleaf plantain Smooth dock Wild carrot Brassbuttons Field bindweed Narrowleaf vetch Wild four-o'-clock Smooth pigweed Bristly oxtongue Field pansy Nettle Sneezeweed Wild gartic Orange hawkweed Broadleaf dock Flea bane (daisy) Southern wild rose Wild geranium Broadleaf plantain Flixweed Oxalis Sowthistle Wild lettuce Wild marigold Broomweed Florida betony Oxeye daisy Spanishneedle Buckhorn Florida pusley Parsley-piert Spatterdock Wild onion Buckhorn plantain Frenchweed Wild parsnip Parsnip Speedwell **Bulbous buttercup** Galinsoga Pearlwort Spiny Amaranth Wild radish **Bull nettle** Garlic mustard Pennycress Spiny cocklebur Wild rape **Bull thistle** Goathead Pennywort Spotted catsear Wild strawberry Burdock Goatsbeard Peppergrass Spotted knapweed Wild sweet potato Burning nettle Goldenrod Pepperweed Spotted spurge Wild vetch Bur ragweed Ground ivv Pigweed Spurge Willow Burweed Gumweed Pineywoods bedstraw Spurweed Witchweed Buttercup Hairy bittercress Stinging nettle Wooly morningglory Plains coreopsis Canada thistle Hairy fleabane Plantain Stinkweed Woodsorrel Hawkweed Carolina geranium Poison hemlock Stitchwort Wooly croton Carpetweed Healall Poison ivy Strawberry clover Wooly plantain Heartleaf drymary Catchweed bedstraw Poison oak Sumac Wormseed Catsear Hedge bindweed Pokeweed Sunflower Yarrow Hedge mustard Catnip Sweet clover Yellow rocket Poorioe Chickweed Hemp Povertyweed Tall nettle Yellowflower pepperweed Chicory Henbit Prickly lettuce Tall vervain Cinquefoil Hoary cress Prickly sida Tansy mustard and other broadleaf Clover Hoary plantain Primrose Tansy ragwort weeds. Cockle Hoary vervain Prostrate knotweed Tanweed Cocklebur Honeysuckle Tarweed Prostrate pigweed Coffeebean Hop clover Prostrate spurge Thistle Coffeeweed Horsenettle Prostrate vervain Tick trefoil

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 water 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, overapplication may cause minor transitory discoloration on Centipede and St. Augustinegrasses. 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 16 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 3.2 pounds per 1,000 square feet. These settings are furnished only as a guide. Age, spreader condition, operating speed, and unevenness of terrain can cause variation in applied rates. 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 0.8 pound per 250 square feet.

#### SPREADER SETTINGS

ONE PASS APPLICATION*:	<u>MAKE</u>	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  $P_2O_5$  and  $K_2O$  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. Improper disposal of excess pesticide, spray mixture, 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, of the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL:

Nonrefillable Containers 5 Gallons or Less: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

Nonrefillable containers larger than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container





#### STORAGE AND DISPOSAL (Continued)

on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable containers larger than 5 gallons: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### 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 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. 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 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.

(RV070809)

LAZER 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.

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

\*NOTE: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration is optional except where mandated by State fertilizer regulation.

100FH

(RESIDENTIAL LABEL)

#### **NOTIFICATION**

NOV - 6 2009

# LAZER® WEED AND FEED X-X-X

### - FORMULA ONE

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.

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 Acid*	0.664%
Dimethylamine Salt of Mecoprop-p Acid**†	0.163%
Dicamba Acid***	0.028%
OTHER INGREDIENTS: 99	<u>3.145%</u>
TOTAL: 100	0.000%
Isomer Specific Method, Equivalent to:	
*2,4-D Acid	3.552%
***Dicamba Acid	).028%
†CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-P	
GUARANTEED ANALYSIS:	
Total Nitrogen (N)	. X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	. X%
Soluble Potash (K <sub>2</sub> O)	
Primary Plant Foods derived (List Sources)	
Chlorine (CI) 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)	

## 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. 228-432 EPA EST. NO. 228-IL-1 Manufactured For NUFARM AMERICAS INC. 150 Harvester Drive Burr Ridge, IL 60527



**NET WEIGHT: 16 LBS. (7.25 Kg)** 

000228-00432.20090708.EPA.24d.FIN

Residential

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Wash hands before eating, drinking, chewing gum or using tobacco.

FIRST AID			
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 by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>		
IF ON SKIN OR CLOTHING	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
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>		
	HOT LINE NUMBER  ntainer or label with you when calling a poison control center or doctor, or going for treatment.  t 1-877-325-1840 for emergency medical treatment information.		

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

#### **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 a stable mixture of three herbicides. It is for use on residential turf.

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.

#### **GENERAL PRECAUTIONS AND RESTRICTIONS**

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 dusts have settled.

Do not apply more than 2 applications per year, including broadcast applications in combination with spot treatments.

#### **WEEDS CONTROLLED**

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

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

(Continued)

#### Residential

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

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

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 water 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, overapplication may cause minor transitory discoloration on Centipede and St. Augustinegrasses. 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 16 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 3.2 pounds per 1,000 square feet. These settings are furnished only as a guide. Age, spreader condition, operating speed, and unevenness of terrain can cause variation in applied rates. 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 0.8 pound per 250 square feet.

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#### SPREADER SETTINGS

ONE PASS APPLICATION':	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  $P_2O_5$  and  $K_2O$  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

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

(Grasscycling Logo)

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 and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals. To prevent cross-contamination, do not store near open containers of fertilizer, seed or other pesticides. Do not stack more than two pallets high.

**CONTAINER DISPOSAL: If empty** - Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled** - If product cannot be used as directed, 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

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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 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. 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 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.

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#### **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 among various commercial fertilizer manufacturers. Chlorine declaration is optional except where mandated by State fertilizer regulation.