

228-429

7/9/2008

10/11/4



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JUL 9 2008

Nufarm Americas Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: EPA Reg. 228-429 (Lazer Weed and Feed Formula Four) 2,4-D RED Label Amendment

The labeling referred to above is in compliance with the 2,4-D RED provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) Please note: Final product reregistration can't be considered until after all active ingredients in this product are eligible for reregistration.

Comments on the Commercial Label:

1) Per the acute toxicity review, the following "IF SWALLOWED" and "IF ON SKIN OR CLOTHING" statements must be added to the First Aid statements currently on the label:

**"IF SWALLOWED:**

Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow.

Do not induce vomiting unless told by a poison control center or doctor.

Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:**

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice."

2) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

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

The text "the maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled" should be relocated to the Directions for Use.

3) The PPE section must be revised to read:

20/14

“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 and socks, and
- chemical-resistant gloves.”

4) The first sentence in the Environmental Hazard section must be revised to read “This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants.”

5) You must either remove the product from the scope of WPS by adding the text below or add an Agricultural Use Requirements box with the appropriate REI (48 hours) and early entry PPE (coveralls worn over short-sleeve shirt and short pants, chemical-resistant footwear plus socks, chemical-resistant gloves made of any waterproof material, chemical-resistant headgear for overhead exposure, and protective eyewear) for the sod farm use: “Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.”

6) The text “Do not enter treatment areas until dust has settled” should be moved to Directions for Use if this product is not intended for sod farm use. If intended for sod farm use, A Non-Agricultural Use Requirements box must be added to label with the following entry restriction text: “NON-AGRICULTURAL USE REQUIREMENTS The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to product agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow people (or pets) to enter the treated area until dusts have settled.”

7) The following text must be added to the label: “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.”

8) Per the product chemistry review, the following revisions are needed to the storage and disposal section:

- The text “Do not contaminate water, food, or feed by storage or disposal” must be placed under the “Storage and Disposal” heading.
- The heading “Storage” should be changed to “Pesticide Storage.”

9) On page 2, delete “similar turf areas”. The following text must be added to the label: “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 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 areas(s) to the point of runoff or apply when raining or when rain is expected that day.”

Comments on the Homeowner Sublabel:

1) Per the acute toxicity review, the following “IF SWALLOWED” and “IF ON SKIN OR CLOTHING” statements must be added to the First Aid statements currently on the label:

“IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow.

Do not induce vomiting unless told by a poison control center or doctor.

Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.”

2) Per the acute toxicity the Hazards to Humans and Domestic Animals must be revised to read: “CAUTION Harmful if swallowed. Harmful if 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; also before eating, drinking, chewing gum or using tobacco.”

3) The first sentence in the Environmental Hazard section must be revised to read “This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants.”

4) Per the product chemistry review, the heading “Disposal” should be changed to “Pesticide Disposal” in the storage and disposal section.

5) The following text must be added to the label: “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 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 areas(s) to the point of runoff or apply when raining or when rain is expected that day.”

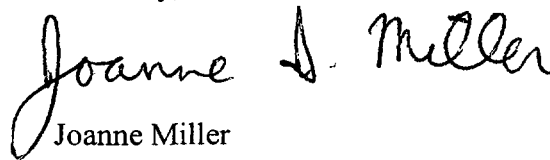
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EPA Reg. 228-429

Submit one copy of the revised final printed label for the record.  
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. A stamped copy of the label is enclosed for your records.

If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,



Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

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(Residential Label)

# LAZER® WEED AND FEED X-X-X - FORMULA FOUR

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*	0.990%
Dimethylamine Salt of Mecoprop-p Acid**‡	0.240%
Dicamba Acid***	0.042%

**OTHER INGREDIENTS:**

TOTAL: 98.728%  
100.000%

Isomer Specific Method, Equivalent to:

*2,4-D Acid	0.820%
**Mecoprop-p Acid	0.200%
***Dicamba Acid	0.042%

‡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)	X%
Primary Plant Foods derived (List Sources)	
Chlorine (Cl) 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. 228-429  
EPA EST. NO. 228-IL-1

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



NET WEIGHT 16 POUNDS

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUL 9 2008

000228-00429.20080303.EPA.24d.Pending

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

228-429

00914

Residential

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water; also before eating, drinking, chewing gum or using tobacco. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

FIRST AID	
<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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. 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 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.

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.

The maximum number of broadcast applications per treatment site is 2 per year.

**WEEDS CONTROLLED**

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

Alder	Box elder	Catchweed bedstraw	Curly indigo	Galinsoga
Annual yellow sweet clover	Bracted plantain	Catsear	Dandelion	Garlic mustard
Artichoke	Brassbuttons	Catnip	Dead nettle	Goathead
Aster	Bristly oxtongue	Chickweed	Dock	Goatsbeard
Austrian fieldcress	Broadleaf dock	Chicory	Dogbane	Goldenrod
Bedstraw	Broadleaf plantain	Cinquefoil	Dogfennel	Ground ivy
Beggartick	Broomweed	Clover	Elderberry	Gumweed
Biden	Buckhorn	Cockle	English daisy	Hairy bittercress
Bindweed	Buckhorn plantain	Cocklebur	Fall dandelion	Hairy fleabane
Bird vetch	Bulbous buttercup	Coffeebean	False dandelion	Hawkweed
Bitterweed	Bull nettle	Coffeeweed	False flax	Heatall
Bitter wintercress	Bull thistle	Common chickweed	False sunflower	Heartleaf drymary
Black-eyed Susan	Burdock	Common mullein	Fiddleneck	Hedge bindweed
Black medic	Burning nettle	Common sowthistle	Field bindweed	Hedge mustard
Black mustard	Bur ragweed	Corn Chamomile	Field pansy	Hemp
Blackseed plantain	Burweed	Creeping jenny	Flea bane (daisy)	Henbit
Blessed thistle	Buttercup	Crimson clover	Flixweed	Hoary cress
Blue lettuce	Canada thistle	Croton	Florida betony	Hoary plantain
Blue vervain	Carolina geranium	Cudweed	Florida pusley	
	Carpetweed	Curly dock	Frenchweed	

(Continued)

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Residential

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

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

**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, over-application 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 .8 pound per 250 square feet.

**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.

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Residential

(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<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.

**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 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.

**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 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 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.

(RV030408R)

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.

(COMMERICAL LABEL)

# LAZER<sup>®</sup> WEED AND FEED X-X-X - FORMULA FOUR

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* .....	0.990%
Dimethylamine Salt of Mecoprop-p Acid**† .....	0.240%
Dicamba Acid*** .....	0.042%

<b>OTHER INGREDIENTS:</b> .....	<u>98.728%</u>
<b>TOTAL:</b> .....	100.000%

Isomer Specific Method, Equivalent to:

*2,4-D Acid .....	0.820%
**Mecoprop-p Acid .....	0.200%
***Dicamba Acid .....	0.042%

†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) .....	X%
Primary Plant Foods derived (List Sources)	
Chlorine (Cl) 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. 228-429  
EPA EST. NO. 228-IL-1

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



NET WEIGHT 16 POUNDS

000228-00429.20080304.EPA.24d.Pending

110214

Commercial

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and laundry separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water; also before eating, drinking, chewing gum or using tobacco. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

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

- long-sleeved shirt and long pants,
- shoes plus socks

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.

<b>USER SAFETY RECOMMENDATIONS</b>	
<b>Users Should:</b>	
<ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>• 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.</li> <li>• 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.</li> </ul>	

<b>FIRST AID</b>	
<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 be toxic to fish and aquatic invertebrates. 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.

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.

**WEEDS CONTROLLED**

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

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

**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, over-application 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.

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**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 .8 pound per 250 square feet.

**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<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.

**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**

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

**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, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay away from smoke.

**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

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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.

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.