



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

SEP 12 2008

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

Subject: EPA Reg. 228-432 Lazer Weed and Feed Formula One/ 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.

Commercial Use Label

1) To the label add "Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes".

2) The First Aid statements must be revised to read:

"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 to 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.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

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

3) 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 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” must remain on the label and should be placed in the Directions for Use under the “General Precautions and Restrictions” heading. All other text appearing in the section must be replaced with the text specified above.

4) The PPE section must be revised to read:

“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.”

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

6) Change the heading “Storage” in the Storage and Disposal section be revised to read “Pesticide Storage.”

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) To the Directions for Use add “Do not apply more than 2 applications per year, including broadcast applications in combination with spot treatments”.

Residential Use Label:

1) The First Aid statements must be revised to read:

“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 to 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.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
Call a poison control center or doctor for treatment advice.”

2) 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.”

-The text “The maximum number of 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” must remain on the label and should be placed in the Directions for Use under the “General Precautions and Restrictions” heading. All other text appearing in the section must be replaced with the text specified above.

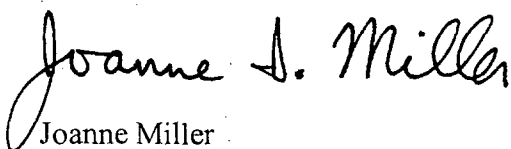
3) The first paragraph of the Environmental Hazards section must be revised to read:

“This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.”

4) To the Directions for Use add “Do not apply more than 2 applications per year, including broadcast applications in combination with spot treatments”.

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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(COMMERICAL LABEL)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
SEP 12 2008

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

228-432

# 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:**

TOTAL: 99.145%  
100.000%

Isomer Specific Method, Equivalent to:

*2,4-D Acid	0.552%
**Mecoprop-p Acid	0.135%
***Dicamba Acid	0.028%

†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)	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. 228-432  
EPA EST. NO. 228-IL-1

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



NET WEIGHT 16 POUNDS

000228-00432.20080303.EFA.24d.Pending

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

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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.**

(RV030308R)

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.



9/13

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**SEP 12 2008**

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

228-432

(RESIDENTIAL LABEL)

# 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:**

TOTAL:	99.145%
	100.000%

Isomer Specific Method, Equivalent to:

*2,4-D Acid	0.552%
**Mecoprop-p Acid	0.135%
***Dicamba Acid	0.028%

†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)	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. 228-432  
EPA EST. NO. 228-IL-1

MANUFACTURED BY  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURP HIDGE, IL 60527



NET WEIGHT 16 POUNDS

000228-00432.20080303.EPA.24d.Pending

**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.

<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>	
<p>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.</p>	

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

Residential

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

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

(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.

**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.

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

(FV030308R)

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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.