

228-343

04-01-2010

2/1



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

APR 1 2010

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

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated March 15, 2010 for:

**EPA Registration 228-343 Millennium Ultra weed and Feed**

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

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/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 Banza Djapao of my staff at 703-305-7269.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

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



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

2/9

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

**Application for Pesticide - Section I**

1. Company/Product Number 228-343	2. EPA Product Manager Kathryn Montegue	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Millennium Ultra Weed and Feed	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  APR 1 - 2010
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input checked="" type="checkbox"/> Glass	<input type="checkbox"/> Paper
				Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 12 to 25 Lbs.		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Matthew Granahan matthew.granahan@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) 630.455.2048
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager	
4. Typed Name Matthew Granahan	5. Date 03/15/10	



4  
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(Commercial Only Label)

# MILLENNIUM ULTRA WEED AND FEED

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.

CONTAINS 2,4-D, CLOPYRALID AND DICAMBA

**NOTIFICATION**

Weeds contacted by this product gradually die and disappear from the lawn.

Treats (or covers) 5,000 Square Feet (50' x 100')

**APR 1 - 2010**

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2,4-D* .....	0.690%
Clopyralid Acid** .....	0.071%
Dicamba Acid*** .....	0.071%

<b>OTHER INGREDIENTS:</b> .....	99.168%
<b>TOTAL:</b> .....	100.000%

BY ISOMER SPECIFIC METHOD, EQUIVALENT TO:

*2,4-D Acid .....	0.573%
**Clopyralid Acid .....	0.071%
***Dicamba Acid .....	0.071%

GUARANTEED ANALYSIS:<sup>1</sup>

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 from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash.	
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)

<sup>1</sup>IN NEW YORK STATE, THIS PRODUCT MAY ONLY BE SOLD TO AND USED BY PROFESSIONAL APPLICATORS AND IS PROHIBITED FROM SALE AND USE IN NASSAU AND SUFFOLK COUNTIES.  
IN CALIFORNIA, OREGON, AND WASHINGTON, TURFGRASS AND LAWN USES ARE RESTRICTED TO GOLF COURSES ONLY.

This product cannot be used on Agricultural, Forest sites or Right-of-way.

<p><b>KEEP OUT OF REACH OF CHILDREN</b></p> <p><b>CAUTION</b></p> <p><b>SEE BACK PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS</b></p>
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For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, call (877) 325-1840

EPA REG. NO. 228-343  
EPA EST. NO. 228-IL-1

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



NET WEIGHT      LBS.

000228-00343.20100315.EPA.PRN2007-4

5  
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Commercial

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

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

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

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

<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.**

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

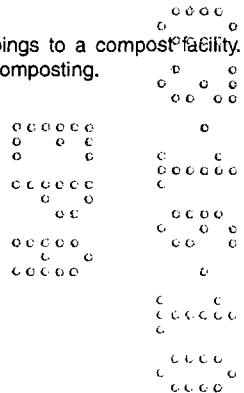
This product is for use on Ornamental Turf Lawns (Industrial and Institutional), Parks Cemeteries, Athletic and Recreational Sports Fields, Golf Courses (Fairways, Aprons, Tees\* and Roughs) and similar turf areas. \*Excluding Bentgrass Tees.

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

Do not use on Centipede, Dichondra, and St. Augustine. 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 when air temperature exceeds 90°F. Avoid overlapping.

Do not use on residential turf. Do not collect grass clippings for mulch or compost. Do not send clippings to a compost facility. Applicator must give notice to landowners/property managers to not use grass clippings for mulching or composting.



WEEDS CONTROLLED

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

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

7  
9

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**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 watering 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 listed Warm Season Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. 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 20 (or 18) 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 4 (or 3.6 for 18 lb. Bag) pounds per 1,000 square feet. 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 1 (.9 for 18 lb. Bag) 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 P205 and K20 levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

\*Based on Inert Fertilizer claimed.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** 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.

**PRODUCT DISPOSAL:** Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law and may contaminate groundwater. 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:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. 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





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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.

Suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader prior to applying product.

XXX pounds treats XXX square feet at the XXX pounds per acre rate

**OPTIONAL MARKETING STATEMENTS**

Contains Millennium Ultra™ - A Premium Selective Herbicide

**OPTIONAL MARKETING STATEMENT(S)**

For Both Cool Season & Warm Season Grasses

Formulated for Fast Herbicide Response

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

<sup>1</sup>Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

**EDITOR'S NOTE:**

<sup>2</sup>The State Sale and Use Prohibitions of this product must be part of printed label text for any product which might possibly enter the channels of trade in the states of New York, California, Oregon and/or Washington. The state label prohibition is optional for all other states.

Special Editor's Note: **REVISED**

**OPTIONAL FERTILIZER CLAIM:**

Contains NutriSphere-N®

