

228-326

03/13/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND

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

MAR 13 2009

SUBJECT: Application for Pesticide Notification – Correction of Acid Equivalent (ae) Values
Horsepower® Weed and Feed
EPA Reg. No. 228-326
Application Dated April 12, 2007

Dear Mr. Meindl:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

However, the label submitted with the application has been superseded by the "Accepted with Comments" label reviewed in the EPA NOTICE OF PESTICIDE: Reregistration dated October 23, 2007. PLEASE NOTE: The Accepted with Comments label dated October 23, 2007 has the incorrect acid equivalent (ae) values. Therefore, in addition to the changes required in the EPA NOTICE OF PESTICIDE: Reregistration, you should correct the values on the final printed label that you submit to Joanne Miller, Product Manager (PM) 23, in the Herbicide Branch of RD.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117, or Joanne Miller (PM 23) at 703-305-6224.

Sincerely,

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

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

2/7



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

<p>United States Environmental Protection Agency Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 228-326	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Horsepower 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: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">NOTIFICATION</div> EPA Reg. No. _____ <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAR 13 2009</div> Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.)

Label notification per PRN 98-10. Correction of acid equivalent values, see cover letter for details. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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 type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input 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 George Meindl (george.meindl@us.nufarm.com)	Title Registration Manager	Telephone No. (Include Area Code) 630.455.2097
2. Signature 		6. Date Application Received <div style="text-align: center; font-weight: bold; font-size: 1.2em;">(Stamped)</div>
3. Title Registration Manager		
4. Typed Name George Meindl	5. Date 4/12/2007	

228-326 3/7



Nufarm Americas, Inc.
George Meindl
Registration Manager
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
Phone: 630.455-2017 Fax: 630.455.2030
george.meindl@us.nufarm.com

April 12, 2007

Via Overnight Courier

Sherada Hobgood
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Subject: Horsepower® Weed and Feed
EPA Reg. No. 228-326
Labeling Notification per PRN98-10

Dear Ms. Hobgood:

We would like to submit revised labeling on the subject registration. During the internal review process Nufarm realized that the acid (ae) equivalent values were incorrectly expressed. The ae value for MCPA should be 0.671% (instead of 0.897%). The ae value for triclopyr should be 0.066% (instead of 0.089%) and the ae value for dicamba should be 0.066% (instead of 0.089%). The amounts of active ingredient for all 3 are correct.

This change is consistent with PRN98-10 section II (labeling notification); subsection N (other revisions). This change does not invalidate any product specific data submitted in support of the registration. In addition, the original registration had the values correct, i.e. EPA stamped label dated 2/11/98 and 8/25/03 have the correct values listed.

We apologize for this, however please be aware we had not released for shipment any of the "errored" labeling. To process this request please find enclosed the following:

- Application for Pesticide Registration (EPA form 8570-1)
- One (1) copy of the revised labeling with the changes clearly marked

If you should have any questions regarding this matter, please feel free to contact me at 630.455.2017 or email at george.meindl@us.nufarm.com.

Sincerely,

George Meindl
Registration Manager
Nufarm Americas, Inc.

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4/7

NOTIFICATION

MAR 13 2009

(Residential Label)

RIVERDALE®
HORSEPOWER® 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 MCPA, TRICLOPYR, AND DICAMBA.

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-Methyl-4-Chlorophenoxyacetic Acid (MCPA)*	0.820%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid (Triclopyr)**	0.093%
Dimethylamine Salt of 3,6-Dichloro-o-Anisic Acid (Dicamba)***	0.080%

OTHER INGREDIENTS:	<u>99.007%</u>
TOTAL	100.000%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2-Methyl-4-Chlorophenoxyacetic Acid	0.671%
**3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	0.066%
***3,6-Dichloro-o-Anisic Acid	0.066%

GUARANTEED ANALYSIS:²

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ O)	X%
Primary Plant Foods derived from (List sources)	
Chlorine (Cl) Maximum	X%

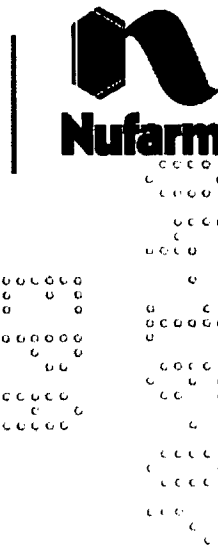
The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.
Fertilizer guaranteed by (Name of fertilizer registrant)

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. 228-326
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527



NET CONTENTS LBS.

000228-00326.20070412.ae

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

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

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and all other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves made of any waterproof material
- Safety glasses

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

USER SAFETY RECOMMENDATIONS	
Users Should:	
<ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Keep and wash protective clothing and equipment separately from other laundry. 	

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • 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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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.
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.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

This product is a stable mixture of three herbicides. It is for use on residential turf.

Entry Restrictions: Do not enter or allow others to enter the treated area until dusts have settled. 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 and contact with eyes, skin, or clothing during and after application.

The maximum application rate is 9 lbs. active ingredient per acre per year.

This product may be used on Bahia, Bent, Bermuda, Blue Grass, Fescue, Rye, and Zoysia grass. Avoid applications to Centipede and St. Augustine grass unless injury can be tolerated. Do not use on Dichondra, Carpetgrass, or where desirable clovers are present.

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

Beggarweed	Dog fennel	Mustard	Spurge
Bindweed	English daisy	Oxalis (Stricta and comiculata)	Spurweed
Black medic	Florida pusley	Parsley-piert	Stinging nettle
Buckhorn	Frenchweed	Pennywort	Stitchwort
Burdock	Goldenrod	Pepperweed	Thistle
Buttercup	Ground ivy	Pigweed	Toadflax
Canada thistle	Hawkweed	Plantain	Veronica
Carpetweed	Healall	Poison ivy	Vetch
Catnip	Heartleaf drymary	Poison oak	Wild aster
Chamise	Henbit	Purslane	Wild carrot
Chickweed	Jimsonweed	Ragweed	Wild garlic
Chicory	Knawel	Red clover	Wild geranium
Cinquefoil	Knotweed	Red sorrel	Wild lettuce
Clover	Kochia	Sheep sorrel	Wild onion
Cocklebur	Lambsquarter	Shepherdspurse	Wild radish
Coffeeweed	Lespedeza	Smartweed	Wild violet
Cornflower	Little starwort	Sowthistle	Wood sorrel
Cornspeedwell	Mallow	Speedwell	Yarrow
Dandelion	Matchweed	Spiderwort	and many other broadleaf
Dock	Morningglory	Spotted catsear	weeds.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, trees, vegetables, flowers, or desirable plants; 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 pounds (3.6 lbs. for 18 pound bag) 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 pound (.9 lb. for 18 pound bag) 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 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

7/7

will supplement your regular fertilizer program by providing *(No. of lbs.)* pounds of nitrogen per 1,000 square feet (optional P2O5 and K2O 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: Store in original container and keep any bags containing unused product in locked storage area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near open containers of fertilizer, seed or other pesticides.

DISPOSAL: If empty - Do not reuse this container. Place in trash or offer for recycling if available. If partly filled - Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(RV041207N)

Riverdale and Horsepower are registered trademarks 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.

OPTIONAL MARKETING STATEMENTS:

Contains Horsepower® - A Premium Broadleaf Herbicide

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 and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

