

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 20 2006

George Meindl
Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, Illinois 60527

Dear Mr. Meindl:

SUBJECT: Triclopyr RED Label Assessment
Label Amendments for Commercial and Residential Labels
Riverdale Horsepower Granular Weed Killer
EPA Registration No. 228-328
Your Application Dated August 2, 2006

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

On the "Commercial" and "Residential" labelings:

1. Under the "Hazards to Humans and Domestic Animals" section of the labeling, revise the second sentence in this section to read: "Avoid contact with skin, eyes or clothing during and after application."
2. Under the "User Safety Recommendations" add the following statement: "Wash the outside of gloves before removing."
3. Add the following "Skin Sensitizer Statement": "This product may cause skin sensitization reactions in some people."

A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. This amended labeling supersedes all previously accepted ones. Please note, the Agency is unable to reregister this product because the other two active ingredients, MCPA and Dicamba are behind Triclopyr in the product reregistration process.

Sincerely yours,

Joanne I. Miller
Joanne I. Miller

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

Enclosure

7505P
Nufarm
12/19/06

2 7 9

(Commercial Label)

RIVERDALE® HORSEPOWER® GRANULAR WEED KILLER

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.

Weed 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 MCPA*	1.10%
Triethylamine Salt of Triclopyr**	0.12%
Dimethylamine Salt of Dicamba***	0.11%

OTHER INGREDIENTS:	<u>98.67%</u>
TOTAL	100.00%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2-Methyl-4-Chlorophenoxyacetic Acid	0.897%
**3,5,6-Trichloro-2-Pyridinyloxyacetic Acid.	0.089%
***3,6-Dichloro-o-Anisic Acid	0.089%

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. 228-328
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527



NET CONTENTS LBS.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

DEC 20 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No

000228-00328.20060802.

228-328

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

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Loaders, applicators and other handlers must wear:

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

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 INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Most cases of ground water contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these phenoxy pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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 Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs). Not for use on sod farms.

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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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

This product may be used on Bahia, Bent (excluding golf course greens and tees), 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 control many broadleaf weeds such as:

Beggarweed	Dog fennel	Mustard	Spurge
Bindweed	English daisy	Oxalis (Stricta and comiculata)	Spurweed
Black medic	Florida pusley	Parsley-plant	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 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 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 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

Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

Environmental Benefits

(Grasscycling Logo)

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

Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.

- A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- Reduces Glare & Reduces Noise
- Traps Dust, Smoke Particles & Other Pollutants
- Purifies Water & Modifies Temperature
- Improves Soil Condition & Controls Erosion

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not stack more than two pallets high. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near open containers of fertilizer, seed or other pesticides.

PESTICIDE DISPOSAL: 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. 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 out of smoke.

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

(080106)

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: Spreader Settings will vary among various commercial manufacturers.

6 7 9

(Residential Label)

RIVERDALE® HORSEPOWER® GRANULAR WEED KILLER

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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)*	1.10%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid (Triclopyr)**	0.12%
Dimethylamine Salt of 3,6-Dichloro-o-Anisic Acid (Dicamba)***	0.11%

OTHER INGREDIENTS:

.....	98.67%
TOTAL	100.00%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2-Methyl-4-Chlorophenoxyacetic Acid	0.897%
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**KEEP OUT OF REACH OF CHILDREN
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EPA REG. NO. 228-328
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527



NET CONTENTS LBS.

**ACCEPTED
with COMMENTS
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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

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

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. 	

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ENVIRONMENTAL HAZARDS

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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. Avoid contact with eyes, skin, or clothing during and after application.

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

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(Grasscycling Logo)

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- 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.

(080206)

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OPTIONAL SPREADER INSTRUCTIONS:

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