

228-192

3/24/2011

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
  
228-192

Date of Issuance:  
  
MAR 24 2011

**NOTICE OF PESTICIDE:**

XX Registration  
XX Reregistration  
(under FIFRA, as amended)

Terms of Issuance:  
**Unconditional**

Name of Pesticide Product: **MCPP-p 4 Amine**

**Name and Address of Registrant:**

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

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

**On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.**

EPA received a label amendment request submitted by email on 3-15-11. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for **MCPP-p** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

.....Continued on Page 2

Signature of Approving Official:

Kathryn Montague  
Product Manager 23  
Herbicides Branch  
Registration Division

Date:

MAR 24 2011

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Notice of Reregistration (continued)  
EPA Reg. No. 228-192

If you have any questions or comments regarding this letter, please contact Erik Kraft at 703-308-9358 or [Kraft.Erik@epa.gov](mailto:Kraft.Erik@epa.gov).

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# MCPPP-p 4 AMINE

FOR USE ON LAWNS, GOLF COURSES AND ORNAMENTALS

ACCEPTED
3-24-11
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 228-192

**ACTIVE INGREDIENT:**

Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid\*‡..... 26.0%

**OTHER INGREDIENTS:** ..... 74.0%

**TOTAL:** ..... 100.0%

Isomer Specific Method, Equivalent to:

\*(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid..... 21.5%, 1.9 lbs/gal.

‡CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION – PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENT**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-192  
EPA EST. NO. 228-IL-1

NET CONTENTS GALS

000228-00192.20110324.MCPPP-p RED resubmission

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



**PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION / PRECAUCION**

Causes moderate eye irritation. May be harmful if swallowed. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**All mixers, 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 not such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users Should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

**FIRST AID**

**IF IN EYES**

- 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.

**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 do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER**

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

**ENVIRONMENTAL HAZARDS**

This pesticide may adversely affect non-target plants. Do not apply directly to water, 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 or rinsate.

This product 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.

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Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This product may be used on ornamental turf grasses with greater safety than 2,4-D. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production or for research purposes.

### USE PRECAUTIONS

Do not enter or allow entry until sprays have dried. Do not apply this product through any type of irrigation system.

Do not use this product on or near desirable plants, including within the dripline of roots of desirable trees and shrubs, since injury may result. Use care to avoid spray contact or drift to susceptible plants such as beans and other legumes, cotton, flowers, grapes, ornamentals, vegetables and other plants. Do not permit spray mist containing this product to drift onto them since even very small quantities of spray, which may not be visible, can cause severe injury during both growing and dormant periods. Do not use the spray equipment for applying other materials to susceptible crops as injury may result.

### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, air blast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### Droplet Size

Use only Medium or coarser spray nozzles according to ASAE (S572) definition for standard nozzles.

#### Wind Speed

Do not apply at wind speeds greater than 10 mph.

#### Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

*Additional Requirements for groundboom application:*

Do not apply with a nozzle height greater than four feet above the target site.

### WEEDS CONTROLLED

This product is safe to use on Washington, Toronto and Seaside bentgrasses, Kentucky and Merion bluegrasses. Apply this product on a warm calm day when weeds are growing vigorously. Use any suitable sprayer or watering can with fine nose to give a uniform cover of the weeds. Although this herbicide is relatively slow in action, it gives a superior result on more difficult to control weeds such as:

### MORE SUSCEPTIBLE WEEDS

Controlled by 2-1/2 pints of this product per acre.

Bindweed	Dandelion	Plantain
Buttercup	Ground ivy	Ragweed
Cinquefoil	Lambsquarters	Spotted spurge
Clover	Mouseear chickweed	Thistle
Common chickweed	Pigweed	

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### LESS SUSCEPTIBLE WEEDS

Controlled by 3 pints of this product per acre. Repeat applications at half the recommended dosage may give better control.

Black medic	Knotweed	Purslane
Dock	Morningglory	Speedwell
Henbit	Pennywort	Yarrow

**PREPARATION OF THE SPRAY:** Fill half the spray tank with water; then add the required amount of this product. Mix thoroughly, adding the remainder of water during the operation.

<u>Rate of Use</u>	<u>Per 1,000 Square Feet</u>	<u>Per Acre</u>
Established greens	1 fluid ounce in 2-1/2 gallons of water	2-1/2 pints in 20 to 40 gallons of water
Established lawns, Golf fairways:	1-1/2 fluid ounces in 2-1/2 gallons of water	3.25 pints

**TIME OF APPLICATION:** To obtain the best results, this product must be applied when the weeds are most susceptible and conditions are such that no damage to the grasses will occur. Apply this product when the weeds are growing vigorously. During periods of drought weeds become more resistant to herbicides. Under the same conditions, fine grasses are more susceptible to this product, particularly when temperatures exceed 90°F. This chemical is absorbed by the foliage of broadleaf weeds and is translocated throughout the whole plant to roots, etc. where it eventually causes death of the plant. Do not cut or mow the lawn 2 or 3 days before or after treatment so that maximum uptake and translocation can occur. Do not spray if rain is likely, otherwise the chemical may be washed off before absorption has taken place. For the same reason, do not water the lawn for at least 24 hours after application.

Better control of the weeds classified as Less Susceptible Weeds may be obtained with repeat a application of half the recommended dose not more than 30 day interval.

This product is not recommended for St. Augustine grass and Centipedegrass, as it can cause damage to these species. Do not use this product on newly sown lawns or turf until grasses are well established. Reseed no sooner than three to four weeks after application of this product. Avoid drift onto other plants and do not use the first cuttings after treatment as a mulch for flowers and vegetables.

**Limitations and Restrictions:**

- For broadcast treatments, do not apply more than 3 pints of product per acre per application. Do not make more than 2 applications per year with a minimum of 30 days between applications.
- For spot treatments do not apply more than 5 pints of product per acre per application. Do not make more than 2 applications per year with a minimum of 30 days between applications. Broadcast application is prohibited at this rate. A spot treatment is defined as a treatment area not greater than 1,000 square feet per acre.

#### STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Always store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Store at temperatures above 32F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in well-ventilated areas. Keep containers tightly sealed when not in use.

**PESTICIDE DISPOSAL:** Pesticides wastes are acutely hazardous. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed, labeled container for proper disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous

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Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:**

**Nonrefillable Containers 5 Gallons or Less:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**Nonrefillable containers larger than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers larger than 5 gallons:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**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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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

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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.**

(RR051409R)

GET THE OPTICAL ADVANTAGE is a registered trademark of Nufarm Americas Inc.

**OPTIONAL MARKETING CLAIMS – FRONT PANEL**

**GET THE OPTICAL ADVANTAGE®**

This product contains a purified form of MCPP known as the optical isomer, which is the portion of the molecule active as an herbicide. The Optical Advantage ® is not associated with user eye safety.



**NOT TO BE PART OF THE PRINTED LABEL  
FOR INTERNAL REGULATORY USE ONLY**

05/14/09 Starting with ESL dated June 4, 2003, created word EPA Master label. Label revised per MCPP-p RED and submitted to EPA.

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03/15/11 Resubmitted label, changes made per Eric Kraft's 3/15/11 email

03/24/11 Resubmitted label, changes made per Eric Kraft's 3/24/11 email