

15440-37

11/06/2008

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Richard J. Otten
Nufarm Limited
PMB 239, 7474 Creedmoor Road
Raleigh, NC 27613

NOV - 6 - 2008

Dear Mr. Otten:

Subject: Agroxone
Label Amendment
EPA Registration No. 15440-37

The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide act, as amended is acceptable.

Submit 1 (one) copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "Joanne I. Miller".

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)



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Agroxone

(Contains 2-methyl 4-chlorophenoxyacetic acid as dimethylamine salt).

CONTROLS BROADLEAF WEEDS IN SMALL GRAINS, FLAX, AND PEAS

KEEP OUT OF REACH OF CHILDREN

DANGER

**Corrosive; causes irreversible eye damage;
wear goggles or face shield and rubber gloves when handling.**

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid, dimethylamine salt*56.8%

INERT INGREDIENTS:.....43.2%

TOTAL.....100.0%

*2-methyl-4-chlorophenoxyacetic acid equivalent 44.2% or 4 pounds per gallon

Net Weight 5, 30 or 55 gallons

ACCEPTED

NOV-6-2008

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

15440-37

Produced by:
Nufarm Limited
Wyke Bradford
West Yorkshire, BD129EJ, ENGLAND
Telephone: +44(0)1274 691234; Telefax +44(0) 1274 691176

EPA Reg. No. 15440-37
EPA Reg. No. 155440-GBR-01

FIRST AID

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. Call a poison control center or doctor immediately 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN: 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on AGROXONE, call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

NOTE TO PHYSICIAN: No specific antidote available. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. This product is irritating to mucous membranes. IF large amounts (greater than 1m/kg body weight) of the product have been ingested, the stomach should be evacuated by gastric intubation with the aid of a cuffed endotracheal tube to prevent exposure of the esophagus. After removal of the stomach contents, was the stomach by instilling 30 to 50 g of activated charcoal in 3 to 4 ounces of water through the stomach tube and again remove stomach contents. Avoid oily laxatives.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing vapors or spray mist.

PERSONAL PROTECTIVE EQUIPEMENT (PPE)

Some materials that are chemical-resistant to this product are any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Personal Protective Equipment (PPE): Mixers, loaders, applicators, flaggers, and other handlers must wear: long sleeved shirt and long pants, protective eyewear (goggles or face shield), chemical resistance gloves (such as or made of any waterproof material), shoes plus socks. See engineering controls for additional requirements.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse item. 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.

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.

Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

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

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamentals. Coarse sprays are less likely to drift. Do not apply when weather conditions favor drift from treated areas. Avoid use of small diameter spray nozzles. At high air or ground surface temperatures, vapors from this product may injure susceptible plants.

GROUNDWATER CONTAMINATION

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.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of ground waters 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 ground water contamination.

CLEANING EQUIPMENT

Do not use the same spray equipment for other purposes unless thoroughly cleaned. When cleaning equipment, do not pour waste water on the ground. Spray or drain over a large area away from wells and other water sources.

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.

Do not apply this product in a way that will contact workers or other person, 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 pesticide may be toxic to fish, aquatic invertebrates, and aquatic plants. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Do not contaminate water when disposing of equipment washwaters or rinsate.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard 40 CFR Part 160. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specified instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. These requirements only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (RE) of 48 hours. PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water is: coveralls, shoes plus socks, chemical resistant gloves made from any waterproof material, and protective eyewear.

NON AGRICULTURAL USE REQUIREMENTS

Do not enter or allow others to enter the treated area until sprays have dried.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a dry secured storage area. Keep container tightly closed when not in use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law and may contaminate ground water. 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: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

Returnable – Refillable Containers: After use, return the container to the point of purchase or designated locations. This container must only be refilled with AGROXONE. DO NOT REUSE THIS CONTAINER FOR ANY OTHER PURPOSE. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation.

GENERAL CAUTIONS AND RESTRICTIONS

Do not apply AGROXONE through any types of irrigation system. Do not use in or near a greenhouse. 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.

COMPATIBILITY

If AGROXONE is to be tank mixed with other pesticides, compatibility should be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 – to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any product(s) for which a tank mix is being considered.

GENERAL INFORMATION

AGROXONE is effective on a large number of broadleaf weeds and is useful for controlling those weeds in certain crops. Several crops such as flax, oats and small grains underseeded to legumes are more tolerant of MCPA than they are of 2,4-D. AGROXONE is the amine form of MCPA that is easily dissolved into water, even in the hard waters found in some areas. Mix thoroughly while diluting this material and mix again if allowed to stand long before spraying.

MCPA Acid

1.5 lbs
1.25 lbs
1 lb
0.75 lb
0.5 lb
0.38 lb
0.25 lb

Equivalent AGROXONE

3 pints
2.5 pints
2 pints
1.5 pint
1 pint
0.75 pint
0.5 pint

INJURY TO CROPS MAY OCCUR FROM THIS PESTICIDE. IF YOU ARE NOT PREPARED TO ACCEPT SOME DEGREE OF CROP INJURY, DO NOT USE THIS PRODUCT. Crop varieties vary in response to MCPA and some may be easily injured. Apply AGROXONE only to varieties known to be tolerant to MCPA. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to MCPA, contact your seed company or State Agricultural Extension Service for advice.

GENERAL WEED LIST

Weeds controlled by properly applied treatments of AGROXONE include the following:

Amaranthus species (pigweeds)
Common burdock
Plantains
Purslanes
Ragweeds
Mustard (except blue mustard)
Thistle (bull & Russian)

Annual pepperweeds
 Common cocklebur
 Common lambsquarters
 Dandelion
 Pennycress
 Sheherdspurse
 Yellow rocket

RECOMMENDATIONS FOR APPLYING AGROXONE

WHEAT, BARLEY, OATS, AND RYE (not underseeded with legumes)

Rate of application

For annual weeds: 0.5 pint per acre per year

Apply after the grain is in the 4-leaf stage, but not forming joints at the stem. **Do not spray when grain is in the boot to dough stage.**

For annual & biennial weeds: 1 to 1.5 pints per acre per year

Apply after grain is fully tillered (usually about 4 to 8 inches high), but not forming joints in the stem. The higher rate increases the risk of grain injury and should be used only where the weed control problem justifies the risk of grain damage. **Do not apply when grain is in the boot to dough stage.**

For perennial broadleaf weeds: 1.5 pints per acre per year

Where perennial weeds or annual and biennial weeds are present which are hard-to-kill as determined by local experience, apply after grain is fully tillered (usually about 4 to 8 inches high), but not forming joints at the stem. The higher rate increases the risk of grain injury and should be used only where the weed control problem justifies the risk of grain damage. **Do not apply when grain is in the boot to dough stage.**

Do not apply more than 0.75 lb ae/acre per year (1.5 pints of AGROXONE per acre per year).

WHEAT, BARLEY, OATS, AND RYE (underseeded with legumes)

Treat after the grain is tillered and in the 4-leaf stage and when legumes are 2 to 3 inches tall. Small grains should form a protective canopy over the legume seedlings. Do not use more than 6 gallons of water per acre; higher volumes may result in injury to legumes. Do not apply to grain underseeded with vetch or sweet clover. **Do not spray when grain is in the boot to dough stage.**

Rate of application

For alfalfa, alsike, red, and ladino clovers, trefoil: 0.5 pint per acre per year

Restrictions and Limitations for use on Cereal Grains

A minimum of 10 gallons of water per acre for ground application and 2 gallons of water per acre for aerial application is recommended, unless specific site directions listed above indicate otherwise. Do not allow livestock to forage or graze treated areas within 7 days of slaughter.

FLAX

Apply when flax is 2 to 8 inches tall. Do not spray once flax has reached the bud stage.

Rate of Application

For general weeds: 0.3 to 0.5 pint per acre per year

Use at least 8 to 10 gallons of water per acre for ground application and 3 to 5 gallons of water per acre for aerial application.

Restrictions and Limitations for use on Flax

Do not allow livestock animals to forage or graze treated areas within 7 days of slaughter.

Do not apply more than 0.25 lb ae/acre per year (0.5 pints of AGROXONE per acre per year).

PEAS**FOR USE IN THE PACIFIC NORTHWEST ONLY**

Treat when peas are 4 to 6 inches tall. Do not spray while peas are in blossom. Peas may show slight injury, but they usually recover a few days after treatment.

Use the higher rate before buds form on Canada thistle to prevent from going to seed. Do not spray peas that are stressed from lack of moisture or when temperatures are over 90°F.

Rate of application:

For general weeds: 0.5 to 0.75 pint per acre per year

Apply 15 to 30 gallons of water per acre for ground application and 5 gallons of water per acre for aerial application.

Restrictions for use on Peas

Do not allow livestock to forage or graze treated pea fields.

Do not feed treated vines to livestock.

Do not treat bean type peas (i.e. crowder, blackeye, southern)

GRASSES GROWN FOR SEED PRODUCTION

Apply to established stands in the spring before the seed head comes into the boot stage. Do not spray in boot stage of growth. In seedling grasses apply in the spring after the grass has tillered or has at least 5 leaves, but before the boot stage. Use only the low rate on seedling grasses.

DO NOT USE IN CALIFORNIA**Rate of application**

For annual broadleaf weeds: to 2 pints per acre per year

For biennial & perennial broadleaf weeds: 2 to 3 pints per acre per year

Restrictions and Limitations on Grasses Grown for Seed Production

Do not graze dairy animals or cut forage for hay within 21 days of application. Do not apply more than 3 pints of AGROXONE per acre per year. Do not apply more than 2 applications per year with a minimum treatment interval of 21 days.

SPRAY DRIFT MANAGEMENT

Do not apply with a nozzle height of greater than 4 feet above the crop canopy.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles. Apply only when the wind speed is 2-10 mph at the application site.

For aerial application, the boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy or flight safety. Do not release spray at a height greater than 10 feet above the crop canopy. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Do not make applications into temperature inversions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions or Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nufarm Limited. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Nufarm Limited makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose of otherwise, that extend beyond the statements made on this label. No agent of Nufarm Limited is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Nufarm Limited disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Nufarm Limited's election, the replacement of product.

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