



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

264-536

Date of Issuance:

MAY 9 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

RHONOX (R) EW
Broadleaf Herbicide

Name and Address of Registrant (include ZIP Code):

Rhone-Poulenc Ag Company
P.O. Box 12014
Research Triangle Park, N.C. 27709

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 264-536".

Signature of Approving Official:

Date:

MAY 9 1995

- b. Delete "rice" and "flax" use directions from the label since they are not being supported in reregistration.
- c. Under the "Statement of Practical Treatment" section, make the following revisions:
 - 1. Under the "If on Skin" statement, change it to read as follows: **"Wash skin with plenty of soap and water. Get medical attention."**
 - 2. Under the "If Inhaled" statement, revise the second sentence to read as follows: **"If not breathing, give artificial respiration, preferably mouth to mouth."**
- d. In the Precautionary Statement section, under the "User Safety Recommendations", make the following changes:
 - 1. In the first sentence, add the phrase "thoroughly with soap and water", so that the sentence reads: **"Wash hands thoroughly with soap and water..."**
 - 2. In the second sentence, add the phrase "and wash PPE before reuse", so that the sentence reads: **"Remove PPE after handling this product and wash clothing before reuse."**
- e. Under the Directions for Use, add the following statement: **"For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation."**

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

397

RHONOX^e brand EW MCPA Ester Herbicide

CONTROLS BROADLEAF WEEDS IN SMALL GRAINS, ~~ORANGE GRASS~~, RANGELAND AND PASTURE, TURF AND OTHER NON-CROP AREAS

ACTIVE INGREDIENT: 2-methyl-4-chlorophenoxyacetic acid, isooctyl ester* 65.3%
INERT INGREDIENTS: 34.7%

*2-methyl-4-chlorophenoxyacetic acid equivalent 41.9% by weight or 3.7 pounds per gallon.

EPA REG. NO. 264-

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN CAUTION

**For MEDICAL and TRANSPORTATION Emergencies Only Call 24 Hours A Day 1-800-334-7577.
For PRODUCT USE Information Call 1-800-334-9745.**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. If patient is conscious and alert, give 2-3 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash skin with plenty of soap and water, if available, while removing contaminated clothing and shoes. Wash clothing separately before reuse.

IF IN EYES: Flush with steady, gentle stream of water for at least 15 minutes. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Administer oxygen, if necessary. Get medical attention.

NOTE TO PHYSICIAN

No specific antidote is available. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE)

Applicators and others must wear: Long-sleeved shirt and long pants, shoes, socks and waterproof gloves. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other household laundry.

User Safety Recommendations

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE 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 product is toxic to fish. Drift or run-off may adversely affect non-target plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamental. 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.

Ground Water Contamination: 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 MCPA pesticides at such sites to prevent contamination of ground water 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 of Equipment: Do not use the same spray equipment for other purposes unless thoroughly cleaned. When cleaning equipment, do not pour wash water on the ground; spray or drain over a large area away from wells and other water sources. Do not use in a greenhouse.

4/27

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. 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 specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours. PPE required 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, socks and waterproof gloves.

STORAGE AND DISPOSAL

STORAGE

Do not contaminate water, food, or feed by storage or disposal. Store in original container in a dry secured storage area. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law and may contaminate ground water. If these wastes can not 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

Metal: Triple rinse or equivalent. 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: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL CAUTIONS AND RESTRICTIONS

Do not apply RHONOX® EW MCPA Ester Herbicide through any type of irrigation system.

COMPATIBILITY

If RHONOX® EW MCPA Ester Herbicide 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 mixture is being considered.

GENERAL INFORMATION

RHONOX® EW Herbicide is effective on a large number of broadleaf weeds and is useful for controlling these weeds in certain crops. Several crops, such as flax, rice, oats, and small grains are more tolerant of MCPA than they are of 2,4-D.

RHONOX® EW Herbicide is an isooctyl ester formulation of MCPA that mixes easily in 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.

WEEDS CONTROLLED BY PROPERLY APPLIED TREATMENTS OF RHONOX® EW HERBICIDE INCLUDE THE FOLLOWING:

Amaranthus species (pigweeds)	dandelion	pepperweeds (except perennial)	ragweed (common and giant)
common burdock	field pennycress	plantains	shepherdspurse
common cocklebur	mustard (except blue mustard)	purslanes	thistle (bull and Russian)
common lambsquarters			Yellow rocket

5711

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 RHONOX® EW Herbicide 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.

RECOMMENDATIONS FOR APPLYING RHONOX® EW HERBICIDE

CEREAL GRAINS

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
WHEAT, BARLEY, OATS, and RYE (not underseeded with legumes):		
Annual weeds	1/2 pint	Apply after grain is in the 3-4 leaf stage, but not forming joints in the stem. Do not spray in the boot to dough stage.
Annual and Biennial weeds	1 to 1 1/2 pint*	
Perennial broadleaf weeds	1 1/2 pint	Apply after grain is fully tillered (usually about 4 to 8 inches high, but not forming joints in the stem). Do not apply in the boot to dough stage.

*Use the lower rate if small annual and biennial weeds are the major problem. Use the higher rate if perennial weeds or annual and biennial weeds are present which are in the hard-to-kill categories as determined by local experience. The higher rates increase the risk of grain injury and should be used only where the weed control problem justifies the risk of grain damage.

RESTRICTIONS AND LIMITATIONS FOR USE ON CEREAL GRAINS

Use a minimum of 10 gallons of water per acre for ground application and 2 gallons of water per acre for aerial application.

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

~~**FLAX AND RICE**~~

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
FLAX	1/4 to 1/2 pint	Apply when flax is 2 to 8 inches tall. Do not spray once flax has reached the bud stage.
RICE	1 1/2 to 2 1/2 pints	Treat 7 to 10 weeks after planting when rice is fully tillered and 6 to 8 inches above water. Do not spray rice that has reached the boot stage. Use the higher rate where sedges or burrushes are the major problem. Use the lower rate for control of arrowhead, water plantain, and redstem. Do not spray when temperatures are over 90°F.

~~**RESTRICTIONS AND LIMITATIONS FOR USE ON FLAX AND RICE**~~

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

~~Do not grow crayfish or catfish in treated rice fields.~~

~~Use a minimum of 8 gallons per acre for ground application and 3 gallons per acre for aerial application.~~

ESTABLISHED GRASS PASTURES AND RANGELAND

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
Annual broadleaf weeds	1-2 pints	Apply when weeds are small and actively growing and prior to joint stage. Do not apply to newly seeded areas until grass is well established. Do not apply when grass is in the boot to milk stage if grass seed production is desired. Bentgrass and legumes may be injured by this treatment.
Perennial and biennial broadleaf weeds	2-3 pints	

RESTRICTIONS AND LIMITATIONS FOR USE ON PASTURES AND RANGELAND

For ground application, use a minimum of 10 gallons of water per acre.

For aerial application, use a minimum of 2 gallons of water per acre.

Do not graze animals on treated areas within 7 days after treatment.

BEST COPY AVAILABLE

6211

GRASSES GROWN FOR SEED PRODUCTION

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
Annual and perennial broadleaf weeds	1-2 pints	Apply to established stands in spring from tiller to early boot stage. Do not spray in boot stage. New spring seedlings may be treated with the lower rate after grass seedlings have at least 5 leaves. Perennial weed regrowth may be treated in the fall.

RESTRICTIONS AND LIMITATIONS FOR USE IN GRASSES GROWN FOR SEED

For ground application, use a minimum of 10 gallons of water per acre.

For aerial application, use a minimum of 2 gallons of water per acre.

NON-CROP (Roadsides, fencerows, vacant lots, rights-of way and other similar areas)

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
Annual, biennial and perennial broadleaf weeds	6 pints	Apply when annual broadleaf weeds are young and actively growing and perennial and biennial broadleaf weeds are actively growing and near the bud stage but before flowering. A second application may be required for best results on perennial and biennial weeds.

RESTRICTIONS AND LIMITATIONS FOR USE IN NON-CROP AREAS

For ground application use a minimum of 10 gallons of water per acre.

For aerial application use a minimum of 2 gallons of water per acre.

ORNAMENTAL TURF AREAS (Golf Courses, Cemeteries and similar established grass areas)

CROP	AMOUNT RHONOX® EW PER ACRE	DIRECTIONS
Annual broadleaf weeds	1-3 pints	Apply when annual broadleaf weeds are growing vigorously. Spring or fall applications will give the best results. Do not mow within 2 days before or after application. Do not use on lawns of creeping grasses such as bentgrass nor on freshly seeded turf until the grass has become well established.

RESTRICTIONS AND LIMITATIONS FOR USE IN TURF AREAS

For ground application on turf areas use enough water for good coverage (minimum of 10 gallons per acre)

Do not apply around houses, recreation sites or similar areas.

7/27/93

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

Rhône-Poulenc Ag Company
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

RHONOX is a registered trademark of Rhône-Poulenc.
©1991 Rhône-Poulenc Ag Company
Made in U.S.A.

RHONOX® brand EW MCPA Ester Herbicide (PENDING) Submitted 5/3/93.