

279-3269

2-4-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

279-3269

Date of Issuance:

FEB 4 2003

Term of Issuance:

Conditional

Name of Pesticide Product:

Cerano 5 MEG

NOTICE OF PESTICIDE:

- Registration
- Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

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 (time-limited, expiration date January 30, 2004) 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 when the Agency requires all registrants of similar products to submit data.
2. Make the following label changes listed below before you release the product for shipment:
 - a. Change the registration number to "EPA Reg. No. 279-3269".
 - b. Add a "net contents:" statement to the front panel of the label.
 - c. Change the FIRST AID statements to be consistent with the requirements of PR Notice 2001-1.
 - d. In the Precautionary Statements section, change "mild" to "moderate" in the first sentence.
 - e. In the ENVIRONMENTAL HAZARDS section, modify the first sentence to add "Except as directed on this label," to the beginning of the sentence.

Signature of Approving Official:

Date:

2-4-03

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f. In the GENERAL INFORMATION section, change the fourth sentence to "DO NOT apply under conditions that would allow Cerano 5 MEG to come into contact with adjacent crops other than rice by drift as injury may occur."

g. In the SPECIAL USE PRECAUTIONS section, add the following preharvest interval restriction:

Preharvest interval: Do not apply later than 120 days before harvesting rice.

h. In the Rotation Crops section, change "yams" to "yam beans" and/or "true yams".

i. In the Replanting Instructions section, in the last sentence, change "GUIDELINES on the Cerano 5 MEG label" to "RESTRICTIONS on this label".

j. The warranty and liability language has not been reviewed at this time. Registration of this product does not comprise approval of the warranty and liability language on this label, and changes to this section may be required at a later date.

3. Implement the following Stewardship Program in California for the 2003 and 2004 use seasons. Details of the program include the following:

(a) Provide the California Department of Pesticide Regulation (CDPR) with information on California clomazone sales figures for the entire use season. At any time during the season, upon the request of CDPR, provide current inventories of Cerano 5 MEG and the location of all previously shipped product.

(b) Make visual assessments of crops adjacent to fields treated with clomazone for off-site phytotoxicity.

(c) Report any off-site phytotoxicity incidents to the local county agricultural commissioner and CDPR.

(d) Investigate all off-site phytotoxicity incidents. Information obtained from the investigation will include the following:

i. the exact location of use (parcel rather than section).

ii. the exact location and degree of the impacted non-target plants and an assessment of all the environmental factors that may have led to the phytotoxicity incident. The quality of information will allow GIS analysis of use patterns versus phytotoxicity incidents, if necessary.

- (e) Conduct appropriate studies, as determined by CDPR, if there are any phytotoxicity incidents during the 2003 use season.
- (f) Provide CDPR with a final report of the 2003 use season detailing the results of any phytotoxicity assessment and any investigations of phytotoxicity incidents.

4. If at any time, you want to amend the product label to allow a buffer zone of less than 50 feet or application to other than flooded field (application to bare soil) you will be required to conduct and submit the results of appropriate studies supporting the new label directions and clearly demonstrate that there is no off-site phytotoxicity risk. Protocols for such studies need to be submitted to, and approved by, CDPR and US EPA.

5. Submit one (1) copy of your final printed labeling before you release the product for shipment. In addition, please submit an electronic pdf copy of this label within one month of receipt of this notice.

The registration of this product expires on January 30, 2004.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jim Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505C)

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CERANO

5 MEG

For Agricultural or Commercial Use Only

EPA Reg. No. 279-xxxx

EPA Est.

ACTIVE INGREDIENT	% By Wt.
Clomazone: 2-(2-chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone	5.0%
INERT INGREDIENTS	95.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

FIRST AID

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists

If on skin or clothing: Wash with plenty of soap and water. Get medical attention if irritation persists

If swallowed: Call a medical doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person

If inhaled: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

For Emergency Assistance Call (800) 331-3148.

See other panels for additional precautionary information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

Caution: Causes mild eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

A) Long-sleeved shirt and long pants; B) Chemical resistant gloves such as Barrier Laminate or Viton®; C) Shoes plus socks. 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.

ENVIRONMENTAL HAZARDS

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 apply when weather conditions favor drift from the area treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

USER SAFETY RECOMMENDATIONS

User should:

- Wash thoroughly with soap and water after handling.
- 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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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

Crop	Pests	Rate of Application
Rice	Barnyard Grass Watergrass Spp. Sprangletop	12 lbs. Cerano 5 MEG/acre (0.6 lbs a.i./acre)



FMC Corporation
Agricultural Products Group
Philadelphia, PA 19103
Cerano_3_1-22-2003

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

FEB 4 2003

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

279-3269

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), notification to workers, 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 (REI) of 12 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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: A) Coveralls; B) Chemical-resistant gloves such as Barrier Laminate or Viton®; C) Shoes plus socks.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container only. Store in a dry place and avoid excess heat. Carefully open containers. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Do not reuse container. 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.

GENERAL INFORMATION

Cerano 5 MEG is a preemergence and post-emergence herbicide for the control of watergrass, barnyardgrass (Echinochloa spp.) and sprangletop (Leptochloa fascicularis). Cerano 5 MEG controls weeds through foliar and root uptake as a chlorophyll-production inhibitor. Cerano 5 MEG is formulated as a 5% Micro encapsulated, uniform granule. DO NOT apply under conditions that would allow drift to come into contact with adjacent crops other than rice as injury may occur.

SPECIAL USE PRECAUTIONS

- 1) Apply this product to rice only as specified on this label. Do not apply to any other crop or site.
- 2) Direct application to ditches used to transport irrigation water is prohibited.
- 3) Do not apply more than 0.6 lb. A.I. per acre (12 pounds per acre) of Cerano 5 MEG per growing season.
- 4) Do not drain fields for a minimum of 14 days after application, unless the water is contained within a tailwater recovery system, or other system appropriate for preventing discharge from rice fields.
- 5) Applications of Cerano 5 MEG herbicide to fields which have been precision leveled with deep cuts may result in rice crop injury including stand loss. Consult with rice specialist for soil amending practices which can reduce potential for herbicide injury in precision leveled fields.
- 6) Do not apply where runoff or irrigation water may flow directly onto agricultural land other than rice fields.
- 7) Use of this product for manufacturing or reformulation is prohibited.

- 8) Do not make applications of Cerano 5 MEG within 50 feet of any sensitive crops.
- 9) Chemigation: Do not apply this product through any type of irrigation system.
- 10) Do not fish or commercially grow fish, shellfish or crustaceans on treated acres during the year of treatment.
- 11) Consult UC Agricultural Extension Specialist or County Farm Advisors before applying Cerano 5 MEG to newly developed rice varieties.
- 12) If temperature is in excess of 98° F for prolonged periods of time, (3 to 4 days), bleaching of rice and stand loss may occur.
- 13) Do not overlap or double apply ends of fields.
- 14) Maintain static water 5 days after a post-flood application at a depth of 4 to 6 inches.
- 15) Lowering of water less than 4-6 inches can cause bleaching of rice, possibly resulting in rice stand loss.
- 16) Do not apply sequential applications of other herbicides if rice is bleached or under stress from the use of Cerano 5 MEG.
- 17) Do not apply Cerano 5 MEG to stressed rice.

DIRECTIONS AND RECOMMENDATIONS FOR POST-FLOODED, PREPLANT USE ON RICE (WATER-SEEDED RICE AT PRE-SEEDING):

For control of watergrass and barnyardgrass, (Echinochloa spp.) and sprangletop (Leptochloa fascicularis), apply 12 pounds of Cerano 5 MEG per acre to a well prepared seedbed free of large clods.

Make application immediately after flooding by air or ground and follow with the seeding of rice within 3 days after the Cerano 5 MEG application. Maintain water level in the checks at about 4 to 6 inches with no exposed soil until the watergrass, barnyardgrass or sprangletop dies or for a minimum of 14 days after application.

Allowing water to recede or a prolonged soil exposure will result in loss of weed control and bleaching of rice. Excessively deep water will result in plant injury. Rice injury and/or stand thinning may be evident, especially when germinating rice is subject to stress conditions. Supplemental herbicide applications may be needed for season-long weed control.

DIRECTIONS AND RECOMMENDATIONS FOR POST-FLOODED, POST-PLANT USE ON RICE (WATER-SEEDED RICE):

For control of watergrass and barnyardgrass (Echinochloa spp.) 1-leaf or less and sprangletop (Leptochloa fascicularis) 1-leaf or less apply 12 pounds of Cerano 5 MEG per acre to a well prepared seedbed free of large clods.

Maintain water level in checks at about 4 to 6 inches after application with no exposed soil, or until watergrass, barnyard grass and sprangletop dies, or for a minimum of 14 days.

Allowing water to recede or a prolonged soil exposure will result in loss of weed control and bleaching of rice. Excessively deep water will result in plant injury. Rice injury and/or stand thinning may be evident, especially when germinating rice is subject to stress conditions. Supplemental herbicide applications may be needed for season-long weed control.

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ROTATIONAL CROP RESTRICTIONS

After application of Cerano 5 MEG, rotational crops may not be planted prior to the intervals specified below:

Note: When using Cerano 5 MEG with other registered herbicides always refer to rotational restrictions and precautions on the other product label.

NO RESTRICTION	9 Months
Cotton*	Cotton
Peas	Corn (field, pop, seed, sweet)
Peppers	Cucurbits
Pumpkins (processing)	Dry Beans
Rice	Peanuts
Soybeans	Potatoes
Squash	Snap Beans
Sweet Potatoes	Sorghum
Tobacco	Sugar Beets
Tuberous & Corm Vegetables (Arracacha, Cassava, Tanier, Yams)	Tomatoes (Transplanted)
12 Months: All crops not listed	
Cover crops, however, may be planted anytime but stand reductions may occur in some areas. Do not graze or harvest for food or feed cover crops planted less than 9 months after Cerano 5 MEG treatment.	
*REQUIREMENTS FOR PLANTING TIME APPLICATIONS: If cotton is the rotational crop and is planted within 9 months after the application of Cerano 5 MEG, an organophosphate insecticide either disulfoton or phorate must be applied in-furrow with the seed at planting at a minimum of 0.75 pound per acre of active ingredient. Failure to apply either disulfoton or phorate in accordance with in-furrow label use direction can result in crop phytotoxicity (bleaching) and/or stand reduction. Diuron is not recommended at this planting time application as plant injury may result. Refer to the insecticide product labels for appropriate in-furrow application directions and maximum use rates. Monitor application equipment to insure accurate and uniform placement of the insecticide.	

REPLANTING INSTRUCTIONS

If initial planting of rice fails to produce a uniform stand, rice may be replanted in fields treated with Cerano 5 MEG. Do not retreat fields with a second application of Cerano 5 MEG. Do not replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP GUIDELINES on the Cerano 5 MEG label.

Dealers Should Sell in Original Packages Only. Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

In no event shall FMC or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.