

279-3269

11/21/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 21 2005

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

Subject: Cerano 5 MEG Herbicide (Clomazone)
EPA Reg. No.279-3269
Your amended labeling submitted on August 25, 2005

Dear Dr. Carlson:

The amended labeling referred to above is acceptable provided that you adhere to the following conditions:

1. In the second to the last paragraph of the label, add "To the extent permitted by law," immediately prior to "Because of the risk..."
2. Submit one copy of final labeling incorporating this change before you release this product for shipment.

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

This labeling supercedes all previously accepted labeling for this product (except supplemental labeling). A stamped copy of the label is enclosed for your records.

If you have any questions about this letter, you may call Tobi Colvin-Snyder at 703-305-7801.

Sincerely,



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

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 27 2005

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

279-3269

CERANO®

5 MEG

For Agricultural or Commercial Use Only

EPA Reg. No. 279-3269

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: 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 eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

For Emergency Assistance Call (800) 331-3148.

See other panels for additional precautionary information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

Caution: Causes moderate 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.



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Agricultural Products Group
Philadelphia, PA 19103
Cerano 8-25-05

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

Except as directed on this label, 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)

Cerano 5 MEG may be used at reduced rates (no less than 8 lbs per acre) for the control of sprangletop or for use on lighter textured soils, decomposed granitic soils or soils subject to excess drainage. When used at rates less than 12 lbs per acre additional use of labeled post-emergence herbicide applications may be required for control of watergrass species.

NET CONTENTS:

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 Cerano 5 MEG to come into contact with adjacent crops other than rice by drift 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) Pre-harvest intervals: Do not apply later than 120 days before harvesting rice.
- 5) 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.
- 6) Applications of Cerano 5 MEG herbicide to fields that have been terraced or precision leveled with deep cuts may result in rice crop injury including stand loss. This precaution does not apply to normal maintenance leveling.
- 7) Do not apply where runoff or irrigation water may flow directly onto agricultural land other than rice fields.

- 8) This product is not intended for use in manufacturing or reformulation.
- 9) Do not make applications of Cerano 5 MEG within 50 feet of any sensitive crops.
- 10) Chemigation: Do not apply this product through any type of irrigation system.
- 11) Do not fish or commercially grow fish, shellfish or crustaceans on treated acres during the year of treatment.
- 12) Consult UC Agricultural Extension Specialist or County Farm Advisors before applying Cerano 5 MEG to newly developed rice varieties.
- 13) 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.
- 14) Do not overlap or double apply ends of fields.
- 15) Maintain a static water flood with no exposed soil for a minimum of 5 days after a post-flood application of Cerano.
- 16) Lowering of water to allow exposed soil during the first 14 days following the Cerano application can cause bleaching of rice, possibly resulting in rice stand loss.
- 17) Do not apply sequential applications of other herbicides if rice is bleached or under stress from the use of Cerano 5 MEG.
- 18) Do not apply Cerano 5 MEG to stressed rice.
- 19) To facilitate green-up of bleached rice fields, fields should receive a rapid flush of fresh water. Do not allow exposed soil in bleached fields.
- 20) For proper water circulation, functional water control devices at each end of each levee within a field are recommended.

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. See rate exception under DIRECTIONS FOR USE.

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 with no exposed soil until the watergrass, barnyardgrass or sprangletop die, 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. See rate exception under DIRECTIONS FOR USE.

Maintain a shallow flood in the checks after application with no exposed soil, or until watergrass, barnyard grass and sprangletop die, or for a minimum of 14 days.

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

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, Yam Beans, True 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 RESTRICTIONS on this 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.

FMC recommends that the user and/or grower test this product in order to determine its suitability for such intended use. FMC makes this product available to the user and/or grower solely to the extent the benefit and utility, in the sole opinion of the user and/or grower, outweigh the extent of potential injury associated with the use of this product. The decision to use or not to use this product must be made by each individual user and/or grower on the basis of possible injury from Cerano 5 MEG, the severity of weed infestations, the cost of alternate weed controls, and other factors. Because of the risk of crop damage all such use is at the user's and/or grower's risk.

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

Cerano® is a registered trademark of Wilbur-Ellis Company.