



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 18, 2016

Cheryl Wagner  
Agent for Willowood, LLC  
Willowood, LLC  
c/o Wagner Regulatory Associates, Inc.  
P.O. Box 640  
Hockessin, DE 19707

Subject: Notification per PRN 98-10 – adding additional container size  
Product Name: Willowood Clomazone 5MEG  
EPA Registration Number: 87290-46  
Application Date: 4/28/2016  
Decision Number: 516753

Dear Cheryl Wagner:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, you may contact Nathan Mellor at 703-347-8562 or via email at [mellor.nathan@epa.gov](mailto:mellor.nathan@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Heather Garvie".

Heather Garvie, Product Manager 24  
Fungicide and Herbicide  
Registration Division (7505P)  
Office of Pesticide Programs

# Willowood Clomazone 5MEG

## ABN: Willowood Clomazone 5G

**INTENDED FOR AGRICULTURAL OR COMMERCIAL USE ONLY ON RICE**

<b>ACTIVE INGREDIENT:</b>	<b>% By Wt.</b>
Clomazone: 2-[(2-Chlorophenyl)methyl]-4,4-dimethyl-3-isoxazolidine.....	5.0%
<b>OTHER INGREDIENTS:</b> .....	<b>95.0%</b>
<b>TOTAL:</b> .....	<b>100.0%</b>

### STOP - Read Label Before Use

## 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.)

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>•</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at <b>1-800-858-7378</b> seven days a week, 6:30 A.M. to 4:30 P.M. Pacific Time or your poison control center at <b>1-800-222-1222</b>.</p>	

**NET CONTENTS:**        Lbs. (        Kg)  
 [40 Lbs. (18.14 Kg), 50 Lbs. (22.68 Kg)]

**EPA Reg. No. 87290-46**

**EPA Est. No.** \_\_\_\_\_

**Manufactured For:**  
 Willowood, LLC  
 1600 NW Garden Valley Blvd. #120  
 Roseburg, OR 97471

### NOTIFICATION

87290-46  
 The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/18/2016

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of waterproof material such as Barrier Laminate or Viton
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

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.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water except as directed on this label. Do not apply directly 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 or 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 hands thoroughly with soap and water after handling and before eating, drinking, and 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.

**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:

- Coveralls
- Chemical-resistant gloves made of waterproof material such as Barrier Laminate or Viton
- Shoes plus socks

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Always 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:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

**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 indirectly or through spray 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.

<b>Willowood Clomazone 5MEG Application Rate (Lbs./Acre)</b>	<b>Pests Controlled</b>
12 (0.6 lb. AI/A)	Barnyard grass ( <i>Echinochloa</i> spp.) Sprangletop ( <i>Leptochloa fascicularis</i> ) Watergrass spp.

To control sprangletop, or for use on lighter textured soils, decomposed granitic soils or soils subject to excess drainage, apply WILLOWOOD CLOMAZONE 5MEG at reduced rates (no less than 8 lbs. per acre).

To control watergrass species at application rates less than 12 lbs. per acre, apply WILLOWOOD CLOMAZONE 5MEG and add a labeled post-emergence herbicide application.

**PRODUCT INFORMATION**

WILLOWOOD CLOMAZONE 5MEG provides pre-emergence and post-emergence control of watergrass, barnyardgrass (*Echinochloa* spp.), and sprangletop (*Leptochloa fascicularis*) through foliar and root uptake as a chlorophyll-production inhibitor.

**PRODUCT USE PRECAUTIONS**

- Apply this product as directed to rice only.
- Crop injury (including stand loss) can occur when applications of WILLOWOOD CLOMAZONE 5MEG are made to fields that have been terraced or precision leveled with deep cuts, but does not apply to normal maintenance leveling.
- Before applying to new rice varieties, consult with Agricultural Extension Specialist or Country Farm Advisors before applying WILLOWOOD CLOMAZONE 5MEG.
- Rice bleaching and stand loss can occur if temperatures exceed 98°F for periods longer than 3 to 4 days.
- If making a post-flood application of WILLOWOOD CLOMAZONE 5MEG, maintain a static water flood with no exposed soil for at least 5 days.
- If low water levels expose soil within the first 14 days of WILLOWOOD CLOMAZONE 5MEG application, rice bleaching and possibly stand loss can occur.
- Provide fields with a rapid flush of fresh water to facilitate green-up of bleached rice.
- Functional water control devices at each end of each levee within a field are needed for proper water circulation.

**PRODUCT USE RESTRICTIONS**

- Do not allow WILLOWOOD CLOMAZONE 5MEG to contact adjacent crops. Do not apply to crops or sites not specified in the directions for use on this label.
- Do not apply to ditches used to transport irrigation water.

- Do not allow exposed soil in bleached fields.
- Maximum Application Rate: 0.6 lb. A.I. per acre (12 lbs. per acre) in a growing season.
- Pre-Harvest Interval (PHI): 120 days.
- Do not drain fields within the first 14 days of application, unless the water is within a tailwater recovery system, or other system designed to prevent discharge.
- Do not allow runoff or irrigation water to flow onto agricultural land other than rice fields.
- Do not use this product to manufacture or reformulate other products.
- Do not apply WILLOWOOD CLOMAZONE 5MEG within 50 feet of sensitive crops.
- Do not apply this product through any type of irrigation system.
- Do not fish and/or commercially grow fish, shellfish or crustaceans on treated acres within one year of treatment.
- Do not overlap or double apply to field ends.
- Do not apply sequential applications of other herbicides to bleached or stressed rice from the use of WILLOWOOD CLOMAZONE 5MEG.
- Do not make any applications of WILLOWOOD CLOMAZONE 5MEG to stressed rice.

### **POST-FLOODED, PREPLANT APPLICATIONS TO RICE**

**(WATER-SEEDED RICE AT PRE-SEEDING):** Apply 12 lbs. of WILLOWOOD CLOMAZONE 5MEG per acre to a well prepared seedbed free of large clods to control watergrass and barnyardgrass (*Echinochloa* spp.) and sprangletop (*Leptochloa fascicularis*).

**Make air or ground application immediately after flooding, then seed rice within 3 days of WILLOWOOD CLOMAZONE 5MEG application. Maintain water levels in the checks (not exposing soil) until watergrass, barnyardgrass or sprangletop dies, or for 14 days post-application.**

Rice bleaches and decreased weed control occurs if water recedes, or soil is exposed. Excessively deep water causes plant injury. Rice germinating in stressful conditions results in injury and/or stand thinning. For season-long weed control supplement treatment with herbicide applications.

**POST-FLOODED, POST-PLANT APPLICATIONS TO RICE (WATER-SEEDED RICE):** Apply 12 lbs. of WILLOWOOD CLOMAZONE 5MEG per acre to a well prepared seedbed free of large clods to control watergrass and barnyardgrass (*Echinochloa* spp.) 1-leaf, or less and sprangletop (*Leptochloa fascicularis*) 1-leaf or less. Maintain a shallow flood in the checks (not exposing soil) after application until watergrass, barnyardgrass and sprangletop dies, or for 14 days post-application.

Rice bleaching and decreased weed control occurs if water recedes or soil is exposed. Excessively deep water will cause plant injury. Rice germination under stressful conditions will result in injury and/or stand thinning. For season-long weed control, supplement treatment with herbicide applications.

### **PLANTING INTERVALS FOR ROTATIONAL CROPS**

Do not plant rotational crops after application of WILLOWOOD CLOMAZONE 5MEG prior to the intervals specified below. **NOTE:** If applying WILLOWOOD CLOMAZONE 5MEG in combination with other registered herbicides, refer to rotational restrictions and precautions on the other product label(s).

#### **NO RESTRICTION:**

Cotton\*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potatoes, Tobacco, Tuberos & Corm Vgs. (Arracacha, Cassava, Tanier, Yam beans, and True Yams)

#### **9 MONTHS:**

Cotton, Corn (field, pop, seed, and sweet), Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugarbeets, Tomatoes (transplanted)

#### **12 MONTHS:**

All crops not listed

- Cover crops can be planted at any time, but stand reductions can occur in some areas.
- **Do not graze or harvest for food or feed cover crops planted less than 9 months after WILLOWOOD CLOMAZONE 5MEG treatment.**

**\*PLANTING TIME APPLICATION REQUIREMENTS:** If cotton is planted within 9 months of WILLOWOOD CLOMAZONE 5MEG application, apply a minimum of 0.75 lb. per acre of A.I. of an organophosphate insecticide (disulfoton or phorate) in-furrow with the seed at planting. If disulfoton or phorate are not applied in accordance with in-furrow label use direction(s), crop phytotoxicity (bleaching) and/or stand reduction can occur. Do not use Diuron as plant injury can occur. Refer to the disulfoton or phorate product label(s) for in-furrow application use directions and maximum application rates. Application equipment must be monitored to ensure accurate and uniform insecticide application.

#### **REPLANTING INSTRUCTIONS**

- If the initial rice yield is not uniform, rice can be replanted in fields that have been treated with WILLOWOOD CLOMAZONE 5MEG.
- Do not make a second application of WILLOWOOD CLOMAZONE 5MEG.
- Do not replant treated fields with any crop at intervals that are inconsistent with the PLANTING INTERVALS FOR ROTATIONAL CROPS section of this label.

#### **CONDITION OF SALE, DISCLAIMER OF WARRANTIES, AND LIMITATION OF LIABILITY**

**IMPORTANT: READ BEFORE USE:** Before buying or using this product, read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability. If the terms are not acceptable, return the product at once, unopened, for a refund of the purchase price. By opening and/or using this product, user or buyer accepts the following Conditions of Sale, Disclaimer of Warranties, and Limitations of Liability.

**CONDITIONS:** The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result due to factors such as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, or other factors affecting the handling and use of the product, all of which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Willowood, LLC makes no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the express statements made on this label. Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product under non-standard, unusual or unsafe conditions or under conditions not reasonably foreseeable to or beyond the control of the Seller or Willowood, LLC. Buyer and User assume the risk of any use of this product that deviates from the use of this product according to the Directions for Use under normal conditions.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, Willowood, LLC and Seller disclaim any liability for, AND neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC 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 WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale, Disclaimer of Warranties, and Limitation of Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.