



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 11, 2021

Pat McFadden  
Registration Manager  
Sipcam Agro USA, Inc.  
2525 Meridian Parkway  
Durham, NC 27713

Subject: Label Amendment – Revise the Environmental Hazards Statement to Comply with California Department of Pesticide Registration  
Product Name: Clomazone 5G  
EPA Registration Number: 60063-87  
Application Date: May 21, 2021  
Decision Number: 576327

Dear Ms. McFadden:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

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

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with FIFRA section 6. If you have any questions, please contact Ernest Kraka by phone at 703-347-8455, or via email at [kraka.ernest@epa.gov](mailto:kraka.ernest@epa.gov).

Sincerely,

A handwritten signature in black ink, reading "Shaja B. Joyner". The signature is written in a cursive style with a large, stylized initial "S".

Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

Enclosure

Clomazone	Group	13	Herbicide
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## Clomazone 5G

[Alternate Brand Name: Caravel™ 5G, Caravel™ 5G Herbicide, Kicker 5G, Kicker 5G Herbicide]

[For control of listed weeds in Rice.]

**ACTIVE INGREDIENTS:**

Clomazone: 2-(2-Chlorophenyl)methyl-4, 4-dimethyl-3-isoxazolidinone .....5.0%

**OTHER 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	
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</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 by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>Emergency Phone Numbers:</b>	(800) 222-1222 Poison Control Center (800) 424-9300 CHEMTREC (transportation and spills)

EPA Registration No. 60063-87

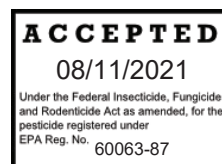
Net Weight: \_\_\_\_\_ [pounds] [lbs.] [ ] [kilograms] [kgs.]

[Lot number / Label Date Code]

EPA [Establishment] [Est.] No. \_\_\_\_\_.

[Lot no. begins with xx]

**Manufactured for:**  
Sipcam Agro USA, Inc.  
2525 Meridian Parkway  
Durham, NC 27713



Read the [entire] label [carefully] before [opening the container.] [using this product.]  
See additional Precautionary Statements and Directions for Use inside booklet.

### **OPTIONAL LABEL LANGUAGE THAT MAY APPEAR ON THE FRONT PANEL OF THE LABEL**

[Pull][Peel] back [book] [label] here]

[Application Type] [AG] [Agriculture]

[Product of \_\_\_\_\_ ] [if manufactured in a country other than U.S., country name will appear here]

[Herbicide]

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

**Caution.** Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**DO NOT** mix this product or allow it to come into contact with oxidizing agents. Hazardous chemical reactions may occur.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers, loaders, applicators and all other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eyewear

Follow the 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**

When handlers used closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS. Pilot must use an enclosed cab that meets the definition listed in the WPS for agricultural pesticides (40 CFR 170.305).

### **USER SAFETY REQUIREMENTS**

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, 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.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. 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 or rinsate. Apply this product only as specified on this label. Apply this product only as specified on this label.

### Non Target Organism Advisory:

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions.

## 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 through any type of irrigation system.

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

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND RESTRICTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL OR PLANT INJURY.**

### 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 the 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 (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.

For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil or water, wear:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks.

## PRODUCT INFORMATION

This product is a microencapsulated granular formulation of clomazone that provides pre-emergence and post-emergence control of barnyardgrass, watergrass and sprangletop in rice and functions as a chlorophyll production inhibitor when taken up by the weed foliage and roots.

## USE RESTRICTIONS

- **DO NOT** apply through any type of irrigation equipment.
- **DO NOT** apply this product to non-field areas including fence rows, waterways, ditches, and roadsides.
- **DO NOT** use this product to manufacture or reformulate other products.

## RESISTANCE MANAGEMENT

For resistance management, clomazone is a Group 13 herbicide. Any weed population may contain or develop plants naturally resistant to clomazone and other Group 13 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 13 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage ( or other mechanical control methods), cultural ( e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact your Sipcam Agro USA regional representative at 919-226-1195.

## INTEGRATED WEED PEST MANAGEMENT

Integrate this product into an overall weed pest management strategy whenever the use of an herbicide is required. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding) should be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

### ROTATIONAL CROPS INFORMATION

After application of this product, rotational crops may not be planted prior to the intervals specified in the table below.

CROP	REPLANT TIMING (Months)	REPLANTING INSTRUCTIONS
Cotton*, Peas, Peppers, Pumpkins (processing), Rice, Soybeans, Squash, Sweet Potatoes, Tobacco, Tuberous & Corm Veggies. (Arracacha, Cassava, Tanier, Yam beans, and True Yams)	At any time	If the initial planting/transplanting of a crop fails to produce a uniform stand, the same crop may be replanted in fields treated with this product alone.  <b>DO NOT</b> replant treated fields with any crop at intervals that are inconsistent with this rotational crop chart.
Cotton, Corn (field, pop, seed, and sweet), Cucurbits, Dry Beans, Peanuts, Potatoes, Snap Beans, Sorghum, Sugarbeets, Tomatoes (transplanted)	9	
All crops not listed	12	

#### \*COTTON REPLANTING INSTRUCTIONS

Cotton may be replanted in fields treated with a clomazone based product herbicide alone if the initial planting of cotton fails to produce a uniform stand. **DO NOT** make a second application of a clomazone based product herbicide. **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the **ROTATIONAL CROP RESTRICTIONS** on the clomazone based product herbicide label. If replanting is required, follow the directions the label that includes cotton.

#### ROTATIONAL CROP RESTRICTIONS

- Tobacco – Rotational crop time intervals are the same for the Northern and Southern states unless indicated differently below.
- Tobacco – **DO NOT** use on Tobacco Seedling Beds.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.
- **DO NOT** allow livestock to graze on treated vines or feed treated vines or vine trash to livestock.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the **ROTATIONAL CROPS INFORMATION** in this product label.

### CROPS

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#### RICE

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#### RICE – GROUND APPLICATIONS

For control of annual grass weeds in dry-seeded rice, apply this product as a surface broadcast treatment prior to weed emergence.

#### USE RESTRICTIONS

- **OFF-SITE MOVEMENT OF THIS PRODUCT CAN CAUSE FOLIAR WHITENING OR YELLOWING OF SOME PLANTS.** Prior to making applications, read and strictly follow all precautions and instructions on this label.

- **MAXIMUM APPLICATION RATE PER ACRE PER YEAR:** 12 lbs./acre (0.6 lbs.AI/acre)
- **SINGLE MAXIMUM USE RATE:** 12 lbs./acre (0.6 lbs.AI/acre)
- **MAXIMUM NUMBER OF APPLICATIONS PER YEAR:** One
- **PRE-HARVEST INTERVAL:** 120 days
- **DO NOT** allow this product 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.
- **DO NOT** retreat fields with a second pre-emergent application of this product.
- **DO NOT** apply this product on rice fields in where concurrent crayfish or catfish farming are cultural practices.
- **DO NOT** use water containing residues of this product from rice cultivation to irrigate food or feed crops which are not registered for use with clomazone.
- **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the Rotational Crop Timing Chart in this section.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.
- **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** overlap or double apply to field ends.
- **DO NOT** apply sequential applications of other herbicides to bleached or stressed rice from the use of this product.
- **DO NOT** make any applications of this product to stressed rice.

**USE PRECAUTIONS**

- Apply this product as directed to rice only.
- Applying this product to fields which have been precision leveled with deep cuts may cause a rice crop injury including stand loss. Consult with rice specialists for soil amending practices which can reduce potential for herbicide injury in precision leveled fields.
- Partial weed control may result if levees are pulled after this product has been applied. Application of this product in fields which have been precision leveled with deep cuts may cause in rice crop injury including stand loss. Consult with rice specialists for soil amending practices which can reduce potential for herbicide injury in precision leveled fields.
- Before applying to new rice varieties, consult with Agricultural Extension Specialist.
- 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 this product, 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 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.

**WEED REFERENCE CHART**

<b>GRASSES</b>	
<b>Common Name</b>	<b>Scientific Name</b>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Watergrass spp.	<i>Echinochloa</i> spp.
Sprangletop	<i>Leptochloa fascicularis</i>



**POST-FLOODED, PREPLANT APPLICATIONS TO RICE (WATER-SEEDED RICE AT PRE-**

**SEEDING)**: Apply 12 lbs. (0.6 lbs. AI/a) of this product per acre to a well-prepared seedbed free of large clods to control watergrass and barnyardgrass and sprangletop.

Make air or ground application immediately after flooding, then seed rice within 3 days of 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. (0.6 lbs. AI/a) of this product per acre to a well-prepared seedbed free of large clods to control watergrass and barnyardgrass 1-leaf, or less and sprangletop 1- leaf or less. Maintain a shallow flood in the checks (not exposing soil) after application until these weed die, 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.

**REPLANTING INSTRUCTIONS**

- Rice may be replanted in fields treated with this product if the initial planting of rice fails to produce a uniform stand.
- **DO NOT** make a second application of this product.
- Follow the timing in the **ROTATIONAL CROPS INFORMATION** chart above when replanting other crops.

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

**STORAGE:** Keep out of reach of children and animals. Store in original container in a dry, temperature-controlled, secure place. **DO NOT** put material into food or drink container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

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.

## WARRANTY AND LIMITATION OF DAMAGES

**Conditions of Sale:** To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc.

SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE, AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE, OR REPRESENTATION CONCERNING THIS PRODUCT.