



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

89459-88

Date of Issuance:

12/22/2016

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

RF2243 014 Granules

Name and Address of Registrant (include ZIP Code):

Central Garden & Pet Company  
 1501 E Woodfield Rd  
 Suite 200W  
 Schaumburg, IL 60173

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

12/22/2016

2. Testing with honeybee larvae has been identified as a data need for the active ingredient S-Methoprene in this product and is proposed for inclusion in an upcoming Data Call-in (DCI) associated with registration review. For more information on these proposed data requirements, you may contact the Team Leader for biochemical pesticides:  
[http://www.epa.gov/oppbppd1/biopesticides/contacts\\_bppd.htm](http://www.epa.gov/oppbppd1/biopesticides/contacts_bppd.htm).
3. Submit stability to normal and elevated temperature, metals, and metal ions (Guideline 830.6313) data as these data requirements are not satisfied. You have 18 months from the date of this registration to provide these data to the EPA.
4. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
5. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89459-88."
6. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA 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 Assurance.

Your release for shipment of this product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, the EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated: 05/02/2016

Any CSFs other than that listed above is superseded.

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OPP Decision No. 517209

If you have any questions, please contact Cheryl Greene of my team by phone at (703) 308-0352 or via email at [greenec Cheryl@epa.gov](mailto:greenec Cheryl@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is written in a cursive style with a large, stylized initial 'A'.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# RF2243 014 Granules

PREVENTS ADULT HORN FLY EMERGENCE FROM MANURE OF TREATED CATTLE

A [mineral] nutritional supplement containing S-Methoprene\* Insect Growth Regulator for continuous feeding to cattle through the horn fly season

**ACTIVE INGREDIENT:**

S-Methoprene (CAS #65733-16-6)..... 0.014%

**OTHER INGREDIENTS:** ..... 99.986%

TOTAL ..... 100.000%

\*As the Insect Growth Regulator ALTOSID®

**FEED INGREDIENTS**

Dicalcium Phosphate, Calcium Carbonate, Sodium Chloride, Magnesium Oxide, Grain By-Products, Plant Protein Products, Grain Products, Vitamin A Supplement, D-Activated Animal Sterol (source of Vitamin D<sub>3</sub>), Vitamin E Supplement, Manganese Oxide, Zinc Oxide, Zinc Sulfate, Ferrous Carbonate, Ferrous Sulfate Monohydrate, Copper Chloride, Copper Sulfate, Ethylenediamine Dihydroiodide, Cobalt Chloride, Potassium Chloride, Sodium Selenite, Iron Oxide, Molasses, Yeast, Soybean Oil, Ethoxyquin, Mineral Oil, Petrolatum

**GUARANTEED ANALYSIS**

Calcium (Ca), minimum ..... 0-24.00%  
Calcium (Ca), maximum ..... 1-25.00%  
Phosphorus (P), minimum ..... 0-16.00%  
Salt (NaCl), minimum ..... 0-49.00%  
Salt (NaCl), maximum ..... 1-50.00%  
Potassium (K), minimum ..... 0-2.50%  
Magnesium,..... 0-14.00%

Additional vitamins and trace minerals may be included at formulator's discretion in Guaranteed Analysis (based on formulation) unless required by feed regulations  
Components listed in ( ) are variable depending on formulation

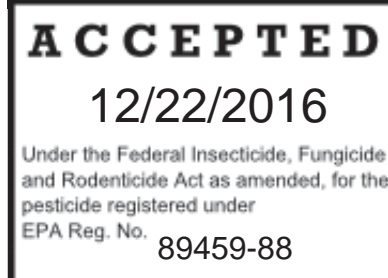
[This product was made in a feed manufacturing facility that does not handle or store products containing animal proteins prohibited in ruminant feed.][Free from restricted ruminant protein products per Title 21, CFR 589.2000][Follow label directions.][This product contains supplemental selenium. Selenium can be fed at levels up to 120 ppm in a mixture for free-choice feeding at a rate not to exceed an intake of 3 mg per head per day.][CFR Title 21 Sec. 573.920 (c)(3)(ii)]

This product contains ethoxyquin, a preservative.

**KEEP OUT OF REACH OF CHILDREN  
WARNING  
See additional Precautionary Statements**

EPA Reg. No. 89459-XXX

EPA Est. No.: will vary dependent on subregistrant, examples: 084056-NM-001, 40770-KS-01, 040741-MO-001, 1352-IA-003, 48013-ND-051, 88091-TN-001, 26171-TX-001, 6552-IA-01, 74672-VT-001, 2011-NE-01, 602-IN-001, 9374-MO-01, 7698-KS-001, 7138-NC-021  
NET WEIGHT: 5 – 75 lb



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

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

<b>FIRST AID:</b>	
If in Eyes:	<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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Center at [1-800-222-1222], 24 hrs/day, 7 days/wk for emergency medical treatment information.	

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

**DIRECTIONS FOR USE**

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

**GENERAL INFORMATION**

This product is to be used as a cattle feed-through pesticide for the control of horn flies. All feed ingredients listed on this product label must adhere to the specifications and limits (if applicable) ascribed by the Food and Drug Administration (FDA) for the use of pesticides in cattle feed.

This product contains ethoxyquin, a preservative. The amount of ethoxyquin may vary according to the individual manufacturer's formulation and will not exceed the 150 ppm maximum limit established for ethoxyquin by FDA, per 21 CFR 573.380.

**FEEDING AND MANAGEMENT INSTRUCTIONS**

Feed this product to cattle only. When used as directed, RF2243 014 Granules will provide sufficient S-methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle. Existing adult horn flies will not be affected. Start feeding before horn flies appear and continue use until cold weather marks the end of the horn fly season. Allow free choice to cattle. Cattle should consume an average of 0.286 ounces of RF2243 014 Granules per 100 lbs. of cattle body weight per day, which is equivalent to 4 ounces per day for a 1,400 pound cow.

1. Assure cattle are not starved for nutrients in RF2243 014 Granules by providing them prior to feeding RF2243 014 Granules.

2. [This product contains added copper. Do not feed to cattle in close proximity to sheep or other species that have a low tolerance to supplemental copper.] (statement required dependent on copper concentration)
3. Offer cattle 50 pounds of RF2243 014 Granules for every 15 head of cattle.
4. Remove all other self limiting nutritional supplements while the cattle are consuming this product.
5. Locate RF2243 014 Granules where cattle congregate (watering, loafing, shade areas).
6. Replenish RF2243 014 Granules on a regular basis as needed.
7. If intake of RF2243 014 Granules is below 0.286 ounces per 100 lbs. cattle body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle.
8. If intake of RF2243 014 Granules is above 0.286 ounces per 100 lbs. cattle body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle.
9. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in a cool place.

**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, then offer for recycling if available, or 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.

For product information, call [subregistrant phone number]

ALTOSID® Insect Growth Regulator is a registered trademark of Wellmark International.

Central Garden & Pet Company  
1501 East Woodfield Road 200W  
Schaumburg, Illinois 60173

Made in USA