



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

89459-116

Date of Issuance:

1/21/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

RF2294 DMP MEC

Name and Address of Registrant (include ZIP Code):

Martin Hoagland, Ph.D.
 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 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 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 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/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Elizabeth Fertich
 Acting Product Manager 03
 Invertebrate & Vertebrate Branch 1
 Registration Division (7505P)
 Office of Pesticide Programs

Date:

1/21/20

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
 - a. PBO GDCI-067501-1063
 - b. Deltamethrin GDCI 097805-1210
 - c. Deltamethrin GDCI 097805-110
 - d. Deltamethrin GDCI 097805-899

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

<http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89459-116.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/15/2018

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Decision No. 547862

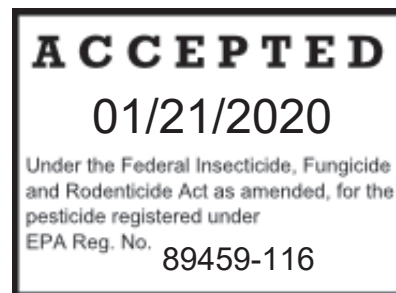
If you have any questions, please contact Autumn Metzger at 703-305-5314, or Metzger.autumn@epa.gov.

Enclosure

RF2294 DMP MEC

PROTECTS STORED GRAINS, SEEDS, GRAIN BINS AND WAREHOUSES (INDOOR AND PERIMETER TREATMENTS) AGAINST DAMAGE FROM INDIAN MEAL MOTH, SAW-TOOTHED GRAIN BEETLE, RED FLOUR BEETLE, RICE WEEVIL, MAIZE WEEVIL, AND OTHER LISTED PESTS

Emulsifiable Concentrate
May be diluted with water or oil
Miscible in dust-controlling oils
May be tank-mixed
Combination insect growth regulator, synergist and adulticide
Long residual control
Reduces rebound of infestations
Kills listed adult insects and exposed larvae
For use on grains
For use as an empty bin and perimeter treatment
Contains an Insect Growth Regulator, adulticide and synergist
Three-way insect control



ACTIVE INGREDIENTS:

Deltamethrin	1.20%
Piperonyl butoxide	33.30%
S-Methoprene.....	2.85%
OTHER INGREDIENTS:	<u>62.65%</u>
Total:	100.00%

Contains 0.1 lb deltamethrin per gallon
Contains 0.229 lb S-methoprene per gallon
Contains 2.67 lb piperonyl butoxide per gallon

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See side/back panels for additional Precautionary Statements

EPA Reg. No. 89459-XXX
EPA Est. No.

Batch Code:
NET CONTENTS: 2.5 gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: May be fatal if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wear coveralls, socks, chemical-resistant footwear, and chemical-resistant gloves including barrier laminate or ≥ 14 mils nitrile, neoprene, polyvinyl chloride, Viton or butyl rubber. For overhead exposure wear chemical-resistant headgear. When mixing and loading, wear a chemical-resistant apron. When cleaning equipment wear a chemical-resistant apron. 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.

FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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 by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If on skin	<ul style="list-style-type: none">• 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 in eyes	<ul style="list-style-type: none">• 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.• 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. You may also contact 1-800-248-7763 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This product is extremely toxic to freshwater and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

PHYSICAL AND CHEMICAL HAZARDS

Do not use water-based sprays of RF2294 DMP MEC in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

PRODUCT INFORMATION

RF2294 DMP MEC is an emulsifiable concentrate insecticide that contains an adulticide, synergist and insect growth regulator for use on stored grains and for treating empty bins and warehouses for stored product pest control. RF2294 DMP MEC provides effective knockdown and control of listed adults and larvae and prevents the buildup of listed pests with long residual control provided by the IGR.

USE RESTRICTIONS

Apply this product only as specified on this label.

Do not contaminate food or feedstuffs.

Do not treat entire area of floor.

Do not apply as a space spray.

Do not allow contact to treated areas until spray has dried.

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 treatment area during application. Do not enter or allow others to enter the treated area until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Do not apply this product more than once every 30 days.

Do not apply until the location of heating or air conditioning ducts, vents, water and sewer lines and electrical conduits are identified. Once known, applications may be made around these structures, however, avoid contamination of these structures and airways.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

Applications to building foundations (higher than 3'):

All outdoor applications to impervious surfaces such as sidewalks, driveways, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Do not water the treated area to the point of runoff.

Do not apply during rain.

STORED GRAIN

Use to control adults and accessible larval stages of listed insect pests including, lesser grain borers, larger grain borers, Angoumois grain moths, Indian meal moths, tobacco moths, Dermestids, and bean weevils; also, to control populations of granary weevils, rice weevils, maize weevils, saw-toothed grain beetles, red flour beetles, and confused flour beetles. Do not apply this product more than once every 30 days.

Tank-mixing

RF2294 DMP MEC may be tank-mixed with other pesticide products such as Pyronyl™ Crop Spray. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and Directions for Use on all product labels involved in tank-mixing. Users must follow the most restrictive Directions for Use and Precautionary Statements of each product in the tank mixture.

Directions for Treatment

Dilute RF2294 DMP MEC with water or approved dust-controlling oils, mineral or soybean oils and apply to the moving grain stream as a coarse spray.

Final spray volume with water solutions is 3-5 gallons of liquid per 1,000 bushels of grain. For rough rice, use 10 gallons of water per 1,000 bushels. Maintain agitation before and during application. Use a mixed dilution within 48 hours of preparing. Re-agitation of spray dilution may be required if left overnight.

For final spray volumes with oil solutions, follow the oil manufacturer's rate recommendations.

For uniform application, treat the grain as it moves into storage. Apply RF2294 DMP MEC in solution at the rate of 3 - 5 gallons of dilution per 1,000 bushels to achieve a 0.5 ppm concentration of deltamethrin and 1.2 ppm of S-methoprene on the commodity. Apply at rates as shown in the tables below.

AMOUNT OF RF2294 DMP MEC/1,000 BUSHELS OF GRAIN

Commodity	TREATMENT AT 0.5 ppm Deltamethrin/14 ppm PBO 1.2 ppm S-Methoprene		Gallons of Diluent	Liters of Diluent
	fl oz	ml		
Barley	31	916	3 - 5	11.3 - 19
Corn	35.6	1053	3 - 5	11.3 - 19
Oats	20.38	603	3 - 5	11.3 - 19
Popcorn	35.6	1053	3 - 5	11.3 - 19
Rice	28.5	843	10	11.3 - 19
Rye	35.6	1053	3 - 5	11.3 - 19
Sorghum (milo)	31.7	937	3 - 5	11.3 - 19
Wheat	38	1124	3 - 5	11.3 - 19

AMOUNT OF RF2294 DMP MEC/TON OF GRAIN

Commodity	0.5 ppm Deltamethrin 14 ppm PBO 1.2 ppm S-methoprene		Ounces of Diluent	Milliliters of Diluent
	fl. oz	ml		
			13 – 21	384 – 630
Barley	1.3	38	13 – 21	384 – 630
Corn	1.3	38	13 – 21	384 – 630
Oats	1.3	38	13 – 21	384 – 630
Popcorn	1.3	38	13 – 21	384 – 630
Rice	1.3	38	13 – 21	384 – 630
Rye	1.3	38	13 – 21	384 – 630
Sorghum (milo)	1.3	38	13 – 21	384 – 630
Wheat	1.3	38	13 - 21	384 – 630

SEED TREATMENT

Apply RF2294 DMP MEC to protect stored grain seed against injury from listed insect pests. Clean and treat seed storage areas prior to storage. If seed is infested, fumigate** to control existing populations and apply RF2294 DMP MEC for residual protection. RF2294 DMP MEC may also be used in conjunction with registered fungicides or other insecticide seed protectants, to protect barley, corn, oats, popcorn, rice, rye, sorghum and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage. When treating seed with other pesticide products, properly tag the treated seed, indicating “Do not use seed for food, feed, or oil purposes.” Seed treated with RF2294 DMP MEC alone is considered grain.

**Fumigate with EPA-registered fumigants according to manufacturer’s label recommendations.

GRAIN BINS AND WAREHOUSES

Dilute 1 – 6 fl. oz of RF2294 DMP MEC with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1,000 sq ft but do not allow runoff to occur. Apply after equipment bins and buildings have been thoroughly cleaned. If infestations are severe or there are areas that are difficult to treat with a conventional spray, fumigation is recommended with an EPA-registered fumigant.

Use RF2294 DMP MEC as a perimeter treatment to prevent infestation of these structures. Apply to areas where listed pests are seen or may find entrance. Treat a band of soil or grass up to 6-10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 1 – 6 fl. oz of RF2294 DMP MEC with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1,000 sq. ft. Wet the barrier area thoroughly and uniformly but do not allow runoff to occur.

STORAGE and DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE** – Mix as needed. Store in original container in a secured, dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures. **PESTICIDE DISPOSAL** - Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER HANDLING** – Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Central Garden & Pet Company's control, it is impossible for Central Garden & Pet Company to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, CENTRAL GARDEN & PET COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Central Garden & Pet Company is authorized to make any warranties beyond those contained herein or to modify the warranties container herein. To the extent consistent with applicable law, Central Garden & Pet Company disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATION OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CENTRAL GARDEN & PET COMPANY'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Manufactured for]
Central Garden & Pet Company
1501 East Woodfield Road 200W
Schaumburg Illinois 60173
Made in USA

For information or in case of an emergency, call 1-800-248-7763.
Visit our Web site: www.bugfreegrains.com

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