



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

December 9, 2019

Noelle Melton
Regulatory Affairs Specialist
Central Garden & Pet Company
1501 E. Woodfield Rd
Suite 200W
Schaumburg, IL 60173

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Add
Alternate Brand Name: FourStar Excel
Product Name: RF2248 U-Granules
EPA Registration Number: 89459-100
Application Date: 10/24/2019
OPP Decision Number: 556993

Dear Ms. Melton:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) 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 labeling submitted with this application has been stamped “Notification” and will be placed in our records. The alternate brand name 'FourStar Excel' has been added to the product’s records. You must submit one (1) copy of the final printed labeling with the modifications.

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 the Federal Insecticide, Fungicide, and Rodenticide Act (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.

If you have any questions, please contact me by phone at (703) 347-0305 or via email at boukedes.alexandra@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Alexandra Boukedes".

Alexandra Boukedes, Risk Manager
Microbial Pesticide Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

[Indicates optional text]

RF2248 U-Granules

Alternate brand names: FourStar® PinPoint, FourStar® Excel™

A single brood BIOLOGICAL GRANULAR LARVICIDE PRODUCT TO KILL Mosquito LARVAE including larvae of those mosquitoes that may transmit diseases such as West Nile Virus, Dengue, Chikungunya, and Zika Virus

- Mosquito Larvicide
- Contains *Bti*
- Kills mosquito larvae
- Contains *Bacillus thuringiensis* subsp. *israelensis*
- Prevents mosquito larvae from becoming breeding, biting adults
- Easy to apply granules
- Microbial pesticide mosquito control
- Controls *Anopheles*, *Culex*, *Ochlerotatus*, and *Aedes*, which includes *Aedes aegypti* and *Aedes albopictus*
- Consistent release
- Uniform granule size
- Dust-free formula
- Heavy granules stay on target
- Penetrates canopy
- Biological larvicide

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* Strain BMP 144 solids, spores, and insecticidal toxins* 5.35%

OTHER INGREDIENTS: 94.65%

Total 100.00%

*Equivalent to 375 International Toxic Units (ITU)/mg of product.

Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

See [back][side] panel(s) [below] for additional Precautionary Statements

EPA Reg. No. 89459-100
EPA Est. No. 2724-TX-1

Lot No.

Net Weight:
[This container is sold by weight not volume]

NOTIFICATION

89459-100

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:

12/09/2019

FIRST AID	
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 eye. ▪ Call a poison control center or doctor for treatment advice.
If on skin or clothing	<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.
<p>HOTLINE NUMBER: 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.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Due to the size and abrasiveness of the granule, use protective eyewear and clothing (e.g., waterproof gloves) to minimize exposure during loading and handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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.

Mixers/loaders and applicators not in enclosed cabs must wear a NIOSH-approved particulate respirator with any N, P or R filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.

ENVIRONMENTAL HAZARDS: Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

Do not apply directly to treated, finished drinking water reservoirs or animal watering troughs.

RF2248 U-Granules contain *Bacillus thuringiensis* subsp. *israelensis* (*Bti*) biological larvicide. RF2248 U-Granules are for use against mosquito larvae in a variety of habitats. RF2248 U-Granules, when applied to the water column, release effective levels of *Bti* to begin killing larvae within 24 hours after application.

RF2248 U-Granules are coated granules that may be applied via air or ground equipment. RF2248 U-Granules are dense granules that sink when they are applied to water. Upon wetting, the *Bti* is released and moves through the water column. The dense granules are able to penetrate the canopy, reaching mosquitoes breeding underneath. The granules will release effective levels for up to 72 hours after application. Continue applications throughout the season to maintain control.

Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply RF2248 U-Granules. Ground equipment that will achieve even coverage at these rates may also be used. Apply RF2248 U-Granules uniformly and repeat at intervals of 7 to 10 days.

NOTE: RF2248 U-Granules have no effect on mosquitoes that have reached the pupal or adult stage prior to treatment.

APPLICATION TIMING: Apply RF2248 U-Granules when mosquito larvae are first observed. Granules may be applied 7 to 14 days prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas that intermittently hold water.

APPLICATION RATES: RF2248 U-Granules control the major species of mosquitoes including: *Aedes* (including *albopictus* and *aegypti*), *Anopheles*, *Culex*, and *Ochlerotatus*. Apply RF2248 U-Granules at 5 - 15 lb/acre (5.6 - 16.81 kg/ha). Within these ranges, use lower rates when water is shallow (\leq 1 foot) and vegetation and/or organic matter are minimal, and use higher rates when water is deep ($>$ 1 foot) and vegetation and/or organic matter are heavy, and for later instar stages (3rd to 4th) of larvae.

APPLICATION SITES: RF2248 U-Granules may be applied to both crop and non-crop areas as directed above to temporary and permanent sites that support mosquito larval development. Examples of such sites include: snow pools, salt and tidal marshes, freshwater swamps and marshes (cattail, red cedar, and white maple marshes), woodland pools and meadows, dredging spoil sites, drainage areas, ditches, wastewater treatment facilities, livestock runoff lagoons, retention ponds, harvested timber stacks, swales, storm water drainage areas, sewers, catch basins, tree holes, water-holding receptacles (e.g., tires, urns, flower pots, cans, and other containers), irrigated and non-irrigated pastures, hoof prints and other natural and manmade water-holding sites, containers and depressions. Examples of crop areas include: irrigated croplands; pastures; rangeland; vineyards; rice fields (domestic and wild); date palm, citrus, fruit, and nut orchards; berry fields; bogs and row crops.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store closed containers in a cool, dry place. **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 (Plastic Container):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, 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. **(Paper/Plastic Bags):** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. 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 information, call [1-800-248-7763] or visit our Web site: www.altosid.com
www.centralmosquitocontrol.com

WARRANTY

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, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Central Garden & Pet Company. All such risks shall be assumed by the users 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 contained 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.

LIMITATIONS 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, Suite 200W
Schaumburg, IL 60173

Made in USA