



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 4, 2026

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

Subject: Label Amendment - Registration Review Mitigation for Lambda-cyhalothrin  
Product Name: RF2228 LH Aerosol  
EPA Registration Number: 89459-84  
Case Number: 676567  
Application Date: 11/13/2025

Dear Noelle Sanfilippo:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Lambda-cyhalothrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Lauren Weissenborn by phone at email at [weissenborn.lauren@epa.gov](mailto:weissenborn.lauren@epa.gov).

Sincerely,



Cathryn Britton  
Chief, Risk Management and Implementation  
Branch V  
Pesticide Re-evaluation Division (7508M)  
Office of Pesticide Programs

ENCLOSURE: Stamped label

**ACCEPTED**

**02/04/2026**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No.  
**89459-84**

**RF2228 LH Aerosol**

ALTERNATE BRAND NAME: Gentrol® Complete Aerosol

For use in homes, garages, kennels, out buildings, barns, and apartment buildings, and the food and non-food/feed areas of hotels, restaurants, stores, warehouses, office buildings, schools, nursing homes, hospitals, industrial buildings, vessels, rail cars, trucks, trailers

Contains an adulticide and IGR

For Indoor Use

360° valve allowing upside down spraying capability

360° coverage

Kills German cockroaches, ants (excluding fire ants, pharaoh ants, and harvester ants) and carpenter ants for up to 9 months

Kills stored product pests [(such as Indian meal moths, red flour beetles, saw-toothed grain beetles)]

Kills Hidden German cockroaches

A broad spectrum insecticide that kills ants (excluding fire ants, pharaoh ants, and harvester ants), carpenter ants, Drain Flies, Fruit Flies, Stored Product Pests, German cockroaches, and spiders (excluding black widow and brown recluse spiders)

Low Odor

Combination of adulticide and IGR [Insect Growth Regulator]

IGR controls roaches for 3-4 months

Breaks the life cycles of listed pests

**ACTIVE INGREDIENTS:**

Lambda-Cyhalothrin (CAS #91465-08-6) ..... 0.05%

(S)-Hydroprene (CAS #65733-18-8)..... 0.36%

**OTHER INGREDIENTS\*:** ..... 99.59%

Total ..... 100.00%

\*Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
**See Side Panel For Additional Precautions**

**NET CONTENTS:**

EPA REG. NO. 89459-84

EPA EST. NO.

Batch/Lot No. \_\_\_\_\_

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

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

**Personal Protective Equipment (PPE):**

Applicators and other handlers must wear

- Long-sleeve shirt,
- Long pants,
- Shoes and socks
- Chemical resistant gloves made of barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils

**User Safety Requirements**

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.

<b>FIRST AID</b>	
<b>IF ON SKIN</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>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give <b>any</b> liquid to the person.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product, (including health concerns, medical emergencies or pesticide incidents), you may also call 1-800-248-7763, twenty-four (24) hours per day, seven (7) days per week.	

**PHYSICAL OR CHEMICAL HAZARDS**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

**DIRECTIONS FOR USE**

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

**READ THE ENTIRE LABEL PRIOR TO USE. USE STRICTLY IN ACCORDANCE WITH ALL USE RESTRICTIONS AND DIRECTIONS.**

**GENERAL INFORMATION:** RF-2228 LH Aerosol kills ants, (excluding fire ants, pharaoh ants, and harvester ants) carpet beetles, German cockroaches, crickets, drain flies, earwigs, firebrats, flour beetles, fruit flies, pillbugs, silverfish, sowbugs, spiders (excluding black widow and brown recluse spiders), stored product pests (Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and Dermestid beetles) in buildings and structures and on modes of transport. Permitted areas of use: apartment buildings, homes, hospitals, nursing homes, grocery stores, hotels, industrial buildings, laboratories, mausoleums, motels, private residences, schools, stores, utilities, warehouses, in food and non-food areas of restaurants, food manufacturing, processing, and servicing establishments, and on vessels, rail cars, buses, trucks and trailers, recreational vehicles, do not apply in aircraft cabins.

RF2228 LH Aerosol contains a combination of an adulticide and IGR for kill of listed adult insects and residual control against future generations of listed pests. RF2228 LH Aerosol contains GENTROL® Insect Growth Regulator (IGR). The IGR disrupts the normal development of immature cockroaches, drain flies, fruit flies, and stored product pests (examples of these pests include: Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and Dermestid beetles). Cockroaches exposed to the IGR will become adults incapable of reproducing, RF2228 LH Aerosol also disrupts the normal life cycle of drain flies, fruit flies, and stored product pests; thus, killing these insects during the pupal stage. In both cases, the cycle of infestation ends.

For indoor use only.

Do not allow to enter indoor or outdoor drains unless labeled for drain treatments. *No permita la entrada a desagües internos o externos a menos que el etiquetado indique que está permitido el uso del producto para tratamiento de desagües.* Follow proper disposal procedures on this label. *Siga las indicaciones del etiquetado para el desecho apropiado del producto.*



### Application method

#### Crack and Crevice Treatment

For crack and crevice treatment, use extension tube, if available, to apply product. Insert extension tube into actuator and spray directly into cracks, crevices, holes and other small openings. Press valve down and spray surface until slightly wet. Apply at a rate of 1 second per linear foot for heavy infestations and at 1 second per 2 linear feet for light infestations. Use the higher rate of 1 second per linear foot for German cockroaches and carpenter ants. RF2228 LH Aerosol may be sprayed upright or upside down to facilitate application. Avoid heavy or excess applications as RF2228 LH Aerosol may produce slick surfaces. RF2228 LH Aerosol is generally non-staining but in situations that are questionable or made of fabric, apply to a small area and observe. For use against ants (excluding fire ants, pharaoh ants, and harvester ants), carpet beetles, crickets, drain flies, earwigs, firebrats, flour beetles, fruit flies, pillbugs, silverfish, sowbugs, stored product pests (Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and Dermestid beetles) in closed voids, calculate the void's cubic area and treat at the rate of 3-6 seconds/3 ft<sup>3</sup>. Several holes may be required in long-running voids.

## **Spot Application**

For spot treatments, use this product with or without an extension tube. Hold container with nozzle pointed away from you, and apply at 10"-12" above the surface to be treated. Do not apply to carpets and hard surfaces as a pin stream or coarse spray treatment. Apply directly on listed insects where possible.

## **Applications in food service, processing and handling establishments**

Apply RF2228 LH Aerosol as a spot, or crack and crevice treatment in both food and non-food areas of food handling establishments. These establishments are defined as: places other than private residences where exposed food is held, prepared, processed, or served. It also includes areas where food items are: received, prepared, packaged, and stored, edible waste storage, as well as enclosed food processing systems (mills, dairies, etc.).

In Federally inspected meat and poultry plants, the facility must not be in operation when this product is used, regardless of the method of application. In non-Federally inspected facilities, spot and/or crack and crevice application may be used while the facility is in operation provided exposed food is covered or removed from the area being treated prior to application.

**Do not apply directly to food or food preparation surfaces, or utensils. Foods must be covered or removed prior to applications.** Clean food contact surfaces and equipment with an effective cleaning compound and rinse with potable water before using. Cover all food contact surfaces (e.g., equipment; benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, thoroughly clean these areas after treatment by a method capable of removing chemical residues.

Limit individual spot treatments to an area no larger than 20% of the total surface. Do not exceed an area of 2 sq. ft. for individual spot treatments.

Food handling and serving areas: Apply as a crack and crevice or spot treatment directly into cracks, crevices, voids (excluding German cockroaches and carpenter ants) or onto surfaces where insects are resting or harboring, excluding food prep or handling surfaces. Apply to different elements of construction; between equipment and floor, pipe chases, under and behind refrigerators stoves and sinks, equipment legs and bases.

Applications may also include non-food areas such as garbage rooms, lavatories, floor drains, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling). Apply as a crack and crevice or spot treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Do not treat surfaces likely to be contacted by food.

For control of drain flies and fruit flies: apply RF2228 LH Aerosol to areas of fly breeding. For drains, apply product into and around the downspout and catch basin area. Coat these areas thoroughly as fly larvae develop in the scum buildup on the sides of drain pipes. Reapplication may be made at 2-4 week intervals depending upon the severity of infestation.

### **General pest control**

To kill German Cockroaches, Ants (excluding fire ants, pharaoh ants, and harvester ants), Crickets, Earwigs, Firebrats, Silverfish, Spiders, (excluding black widow and brown recluse spiders) Small Flies (Fruit and Drain Flies) and Sowbugs: Apply as a crack and crevice or spot treatment to areas where these pests crawl and hide, especially on hidden surfaces around sinks and storage areas, along and behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, on the underside of shelves, drawers, and bookcases.

To kill Ants (excluding fire ants, pharaoh ants, and harvester ants): Spray around ant trails, doors and windows and other places where ants enter premises. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris.

To kill Spiders (excluding black widow and brown recluse spiders): Apply as a crack and crevice or spot treatment along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

To kill Earwigs, Pillbugs, and Sowbugs: Apply as a crack and crevice or spot treatment around doors and windows, along and behind baseboards, and in storage areas where these pests are found.

To kill Pantry Pests - Exposed Stages of Saw-toothed Grain Beetles, Indian Meal Moths, Flour Beetles (Red and Confused): Treat exposed stages. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Do not store near heat or open flame. Store in cool dry (preferably locked) area that is inaccessible to children and animals. **PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

Seller warrants that this product conforms to the chemical specifications expressed on the label. To the extent consistent with applicable law, Seller makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Manufactured for:

Central Garden & Pet Company  
1501 East Woodfield Road 200W  
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