



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 5, 2023

Ronald E. Hampton, Ph.D.
Senior Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

Subject: Registration Review Label Mitigation for Emamectin Benzoate
Product Name: OPTIGARD COCKROACH GEL BAIT
EPA Registration Number: 100-1290
Application Date: 7/1/2019
Decision Number: 552699

Dear Ronald E. Hampton:

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 Emamectin Benzoate 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.

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 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.

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If you have any questions about this letter, please contact DeMariah Koger by phone at (202)-566-2288, or via email at koger.demariah@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

(Master Label)

EMAMECTIN BENZOATE	GROUP	6	INSECTICIDE
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Optigard® Cockroach Gel Bait

For control of Cockroaches

FOR USE IN COMMERCIAL, RESIDENTIAL, AGRICULTURAL AND INDUSTRIAL AREAS

Use sites include, but are not limited to, residential areas and institutional, warehousing and commercial establishments (including warehouses, food processing plants, animal production and processing facilities, restaurants, supermarkets, hospitals, nursing homes, motels, hotels, schools, apartments, aircraft, buses, boats/ships, and trains).

Active Ingredient:

Emamectin benzoate (CAS No. 155569-91-8).....	0.1%
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Other Ingredients:	99.9%
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Total:	100.0%
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**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.)

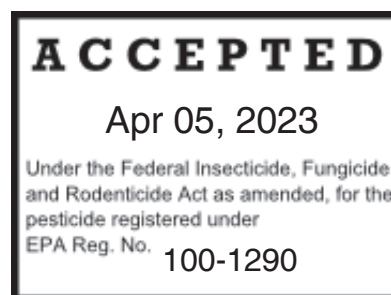
See additional precautionary statements and directions for use on label.(in booklet.)

EPA Reg. No. 100-1290

EPA Est. XXX

Product of XXXXX

Formulated in XXXXX

 Net contents


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.	
<p>HOTLINE NUMBER</p> <p>For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Fire, or Accident), Call 1-800-888-8372.</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing . Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

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.

Physical or Chemical Hazards

Do not apply this product in or around electrical equipment due to the possibility of shock hazard.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

Read entire label before using this product.

USE INFORMATION

For use only as a crack, crevice or void space treatment in residential, commercial, agricultural and industrial areas.

Do not apply to areas accessible to children, pets, or livestock.

Optigard Cockroach Gel Bait is intended for the control of cockroach pest species, including, but not limited to, German, American, Australian, Oriental, brown-banded, smoky brown and brown cockroaches.

Optigard Cockroach Gel Bait is for use as a crack-and-crevice treatment and/or into openings leading to voids for the indoor and outdoor control of cockroaches in residential areas (only in areas inaccessible to children and pets) and both food/feed and non-food/non-feed areas of institutional, warehousing and commercial establishments, including warehouses, restaurants, food-processing plants (including meat or vegetable processing plants or canneries), supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, sewers, aircraft, buses, boats, ships, trains, and animal housing facilities (such as, but not limited to, poultry houses; cattle, sheep, swine, goat and dairy facilities; horse stables; dog kennels; pet shops; and zoos).

INSECT RESISTANCE MANAGEMENT

EMAMECTIN BENZOATE	GROUP	6	INSECTICIDE
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For resistance management, Optigard Cockroach Gel Bait contains a Group 6 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to Optigard Cockroach Gel Bait and other Group 6 insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides are used repeatedly in the treated areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Optigard Cockroach Gel Bait or other Group 6 insecticides within a calendar year with different groups that control the same pests.

- Adopt an integrated pest management program for insecticide use that includes pest monitoring, uses historical information related to pesticide use, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations of the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact Syngenta at 1-866-SYNGENT(A) (866-796-4368).

If resistance is suspected, do not reapply Optigard Cockroach Gel Bait or other Group 6 insecticides.

SYNGENTA encourages responsible use of Optigard Cockroach Gel Bait to ensure effective long-term control of the insects on the label. For additional information about implementing these or other resistance management practices, consult a local or state Extension specialist, or Syngenta representative.

APPLICATION PROCEDURES

Bait Application

Apply Optigard Cockroach Gel Bait to areas frequented by cockroaches as a crack-and-crevice or void space treatment using a syringe applicator or a bait injector. Application rate is dependent on level of infestation to be controlled:

- For light infestations of cockroaches, 1-2 spots are recommended per 9 linear feet.
- For heavy infestations of cockroaches or for control of larger cockroaches, 2-4 spots are recommended per 9 linear feet.

Each bait spot should equal approximately 0.25 to 0.50 grams of product (a spot approximately 3 mm or 1/8 inch in diameter equals 0.25 grams of product, while a spot approximately 6 mm or 1/4 inch in diameter equals 0.50 grams of product). Bait may also be applied as a bead approximately 1/8 inch thick and approximately 2 inches long.

Spots or beads should be placed into cracks, crevices, or voids at or near harborage or aggregation areas, such as corners or areas where cockroaches forage. Numerous smaller placements will provide faster control than fewer larger spots, especially for German cockroaches.

Indoor Use

Place bait into cracks and crevices, such as holes, pipe chases, under drain plates, in or under trash containers, and behind or under sinks, storage areas, baseboards, cabinets, machinery, and appliances. Also apply to voids such as points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, and equipment legs and bases. **Do not** apply to areas accessible to children and pets. During follow-up visits, inspect bait placements and reapply when bait is no longer visibly present.

This product may be used in conjunction with a non-repellent insecticide or with an insect growth regulator. Allow sprays to dry before applying bait. Avoid application of bait to areas that have been recently sprayed with a repellent insecticide, and avoid spraying insecticide over bait as it may reduce palatability of the bait.

Food/Feed-Handling Establishments Use

Food/feed areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

Application within food/feed areas of food/feed-handling establishments is limited to crack-and-crevice treatment only. If bait contacts an exposed surface where food is handled, remove bait and wash exposed surface with an effective cleaning compound followed by a potable water rinse prior to use.

Apply directly into cracks and crevices or voids with syringe applicator or bait injector. Apply into cracks, crevices, holes and other small openings where roaches may be a problem. Apply small amounts of bait per spot. Apply bait in small amounts between different elements of construction, between equipment and floors, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, behind and under refrigerators, cabinets, sinks, closets, stoves and other equipment where cockroaches hide. During follow-up visits inspect bait placements and reapply when bait is no longer visibly present.

Do not apply bait to areas where food/feed, utensils or processing surfaces may become contaminated. **Do not** treat food-preparation surfaces.

Use around Home or Structure

Place bait in areas adjacent to structures where cockroaches may nest or breed. Inject into cracks and crevices around windows and doors, porches, screens, eaves, sills, expansion joints, patios, garages, sewer areas, garbage-holding areas, under stairways and in open crawl spaces, basements, attics and other areas where cockroaches may be harboring or foraging.

Refillable stations: This product may be used in refillable bait stations. Place approximately 0.5 to 5 grams of product per station. **Do not** exceed 5 grams per station (up to 1 tsp.). For residential applications, approximately 2 stations per side of a structure are suggested for an average-sized single family home.

For best results, place stations adjacent to structure near: air conditioning units, water faucets, foundation vents, and weep holes, decks, utility entryways and wherever cockroaches are frequently found (out of reach of children and pets). Regularly inspect all stations and replace bait as needed for continuous control.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container in a cool, dry area, out of the reach of children and pets.

Pesticide Disposal: To avoid waste, use all material in syringe by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling: Offer empty syringe for recycling if available or dispose of in trash or in a sanitary landfill.

[Optional Marketing Statement

Easy-to-apply formulation]

Optigard®, the ALLIANCE FRAME
the Syngenta logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

Optigard Cockroach Gel Bait 1290 MAS 0219 AMEND-C 0719- CL -jd-6/27/22
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