



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 29, 2023

Heather Klamer
Registration Specialist
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

Subject: Registration Review Label Mitigation for Lambda-cyhalothrin
Product Name: Manika
EPA Registration Number: 4822-599
Application Date: March 17, 2022
Decision Number: 584744

Dear Heather Klamer:

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. 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

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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 Caleb Carr via email at carr.caleb@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

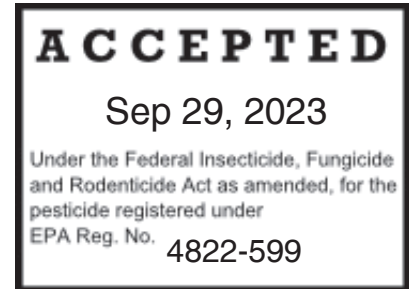
Manika

Alternate Brand Names:

- OFF! Bug Control I
- OFF! Bug Prevent I
- OFF! Backyard Bug Control

Active Ingredient

Lambda-cyhalothrin	0.5%
Other Ingredients99.5%
Total	100.0%



Keep Out of Reach of Children

CAUTION

See attached booklet for additional precautionary statements (and first aid)

For Outdoor Use Only

Net Contents:

DIRECTIONS FOR USE

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

Do not allow children or pets into the treated area until dry. Do not water the treated area to the point of run-off. Do not make applications during rain. **All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:**

- (1) Treatment to soil or vegetation around structures;
- (2) Applications to vegetables listed in Table 4;
- (3) Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces, e.g. soil, mulch, or lawn.
- (4) Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- (5) Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
- (6) Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
- (7) Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Spot treatments must not exceed 2 square feet in size, for example 2 ft. (foot) by 1 ft. (foot) or 4 ft. (foot) by 0.5ft. (foot).

[The following two crack and crevice statements will appear on the label and may appear bulleted/separately as space allows]

Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a matter to limit dripping and avoid run-off onto untreated structural surfaces and plants.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply or irrigate to the point of runoff. Do not make applications during rain. [The marketplace label will include “(minimum 4 hours)” for the following sentence beginning “Avoid making...”] Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application. Do not apply when the wind speed is greater than 15 mph.

NOTE: This product is non-staining to most home-siding, depending on age and cleanliness. Prior to applying this product to areas that may contact home siding (including vinyl siding), test in a hidden area and recheck in a few hours. If any staining is observed, do not use this product. Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto. Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.

[Graphic on the product package showing an image of a diagonal strikethrough over a drain. The pictogram must be legible (i.e. no smaller than 1.5 square centimeters or 0.25 square inches unless this size is greater than 10% of the size of the label).]



APPLICATION: Spray as directed – complete coverage is important. Treat when insects begin to appear and repeat treatments to maintain control as directed (in tables below). Carefully follow all label directions and any limitations of use, such as the amount of spray to apply or PHI (pre-harvest interval) for particular vegetable crops.

(Ready-to-Spray) (Spray) Instructions:

Make sure control knob is in “OFF” position, then connect the garden hose to the threaded end of the nozzle. Turn water on at faucet.

To spray low growing plants and small shrubs: (With nozzle pointing away from body,) Squeeze (ribbed) ([color]) tabs and turn the control knob clockwise (completely), aligning the arrow to the FAN position (Taking care to keep your hands clear of the spray nozzle).

To spray taller trees, shrubs and plants: (With nozzle pointing away from body,) Squeeze (ribbed) ([color]) tabs and turn the control knob counterclockwise (completely), aligning the arrow to the STREAM position (Taking care to keep your hands clear of the spray nozzle).

It should take [x] – [y] minutes to dispense the entire product, depending on water pressure levels, at which point the bottle will be empty. [x and y will vary depending on product size.] If bottle is not emptying, check to be sure arrows are completely aligned.

To stop spraying, turn control knob (completely) to the OFF position, (aligning the arrow to the OFF indicator.) Turn off water at the faucet and disconnect garden hose (from the threaded nozzle).

PESTS OUTSIDE THE HOME: Use on ornamental plants next to building foundations and other outdoor surfaces where these pests are active, including porches, buildings, screens, overhangs, window frames, garages and patios. See **Table (1) – Outdoor Surface Barrier Application** for use rates and instructions.

Table 1 Outdoor Surface Barrier Application		
Pests	Use Rate	Instructions
Ants ¹ , Asian lady beetles, Centipedes, Cockroaches, Crickets, Earwigs, Eastern tent caterpillar, Fleas, Forest tent caterpillar, Gypsy moth larvae, Millipedes, Mosquitoes, Palmetto bugs, Scorpions, Sowbugs, Pillbugs, Spiders, Deer ticks (which may transmit Lyme disease), Waterbugs	1 QT (32 fl. oz.) treats 16,000 sq. ft.	For best results, remove any leaf litter or debris from area prior to treating. Cut back branches or vegetation that contact foundation, Rake back mulch and remove any other material that may serve as harborage sites for pests. Apply a continuous 3 ft. band spray to thoroughly and uniformly wet the treated area around the foundation of buildings. Apply as a spot or crack-and-crevice spray to windows, vents, overhangs, doors and other areas to reduce access by crawling insects.
¹ Argentine, Southern, Field, Allegheny mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.		Repeat treatment every 8 weeks (2 months), as needed.

MOSQUITO CONTROL: Use on ornamental plants next to building foundations and other outdoor surfaces where these pests are active, including porches, buildings, screens, overhangs, window frames, garages and patios. See **Table (2) – Outdoor Mosquito Control** for use rates and instructions

Table 2 Outdoor Mosquito Control		
Use Site	Use Rate	Instructions
Outdoor surfaces including ornamental plants next to building foundations, porches, buildings, screens, overhangs, window frames, garages, patios and other areas where mosquitoes are active.	1 QT (32 fl. oz.) treats 16,000 sq. ft.	Apply a continuous 3 ft. band around the building and 2 ft. upwards along the foundation. Apply as a coarse spray to thoroughly and uniformly wet the treated area. Apply as a spot or crack-and-crevice spray around windows, doors, roof overhangs and other areas where mosquitoes may be active. Repeat treatment every 8 weeks (2 months), as needed.

ORNAMENTAL TREES, SHRUBS & FLOWERS: Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects are present. For best results, apply early – prior to high insect infestations. See **Table (3) – Ornamental Trees, Shrubs & Flowers Pest Control** for insects controlled.

Table 3 Ornamental Trees, Shrubs & Flowers Pest Control

Use Site	Insects Controlled
Ornamental Trees, Shrubs & Flowers including: Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemum, Carnation, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia	Ants ¹ , Armyworms, Aphids, Asian lady beetles, Azalea caterpillar, Bagworms ² , Black vine weevil (adult), Boxelder bugs, Broadmites, Brown soft scale ³ , Budworms, California red scale ³ (crawler), Cankerworms, Clover mites, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetle (adults), June beetles (adults), Lace bugs, Leaf feeding caterpillars, Leafhoppers, Leafminers (adult), Leaf rollers, Leaf skeletonizers, Mealybugs, Midges, Oleander moth larvae, Pillbugs, Pine sawfly, Pine shoot beetles, Pineneedle scale ³ (crawler), Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects ³ (crawlers), Spiders, Spider mites, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae, Whiteflies ¹ Argentine, Allegheny mound, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance. ² For bagworm control, apply when bagworm larvae start to hatch. ³ For scale control, treat the whole plant, including the stem, trunks and twigs.

VEGETABLES: Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects are present. For best results, apply when insects first appear or damage occurs. Do not exceed pre-harvest interval *(number of days to wait between last application and harvest) for treated vegetables. Do not apply for more than 5 times per growing season for corn. For all other crops, do not apply more than 9 times per growing season. See **Table (4) – Vegetable Garden Insect Control** for crops, pre-harvest intervals (PHI) and insects controlled.

Table 4 Vegetable Garden Insect Control

Crop	PHI*	Insects Controlled
Broccoli, Brussels sprouts, Cabbage, Cavalo broccoli, Cauliflower, Chinese broccoli, Chinese cabbage, Chinese mustard, Kohlrabi	1 day	Alfalfa looper, Aphid, Armyworm, Beet armyworm, Cabbage looper, Cabbage webworm, Corn earworm, Cutworm, Diamondback moth, Fall armyworm, Flea beetle, Grasshopper, Imported cabbageworm, Japanese beetle (1), Leafhopper, Lygus bug, Meadow spittlebug, Plant bug, Southern cabbageworm, Spider mite, Stink bug, Thrips, Yellow-striped armyworm, Whitefly (1) adult stages
Corn (sweet & pop)	21 days	Armyworm, Bean leaf beetle, Beet armyworm, Cereal leaf beetle, Chinch bug, Corn earworm, Corn leaf aphid, Cutworm, English grain aphid, European corn borer, Grasshopper, Green bug, Green cloverworm, Hop vine borer, Japanese beetle (1), Meadow spittlebug, Mexican corn rootworm beetle (1), Northern corn rootworm beetle (1), Sap beetle (1), Southern corn rootworm beetle (1), Southwestern corn borer, Stalk borer,

		Stink bug, Tobacco budworm, Western bean cutworm, Western corn rootworm beetle (1) (1) adult stages
Corn (sweet only)	21 days	Aphid, Aster leafhopper, Corn silkfly (1), Southern armyworm, Spider mite, Tarnished plan bug, Western bean cutworm (1) adult stages
Lettuce (head & leaf)	1 day	Alfalfa looper, Aphid, Armyworm, Beet armyworm, Cabbage looper, Corn earworm, Cutworm, Diamondback moth, European corn borer, Fall armyworm, Flea beetle, Grasshopper, Green cloverworm, Imported cabbageworm, Japanese beetle (1), Leafhopper, Meadow spittlebug, Plant bug, Saltmarch caterpillar, Southern armyworm, Spider mite, Stink bug, Tobacco budworm, Vegetable weevil (1), Whitefly (1) adult stages
Onion (bulb) & Garlic	14 days	Aphid, Armyworm, Cutworm, Flower thrips, Leafminer (1), Onion maggot (1), Onion thrips, Plant Bug, Seedcorn maggot (1), Stink bug, Tobacco thrips, Western flower thrips (1) adult stages
Tomato & Tomatillo	5 days	Aphid, Beet armyworm, Cabbage looper, Colorado potato beetle, Cutworm spp., European corn borer, Fall armyworm, Flea beetle, Grasshopper, Hornworm, Leafhopper, Leafminer, Meadow spittlebug, Plant bug, Southern armyworm, Stink bug, Tobacco budworm, Tomato fruitworm, Tomato pinworm, Yellow-striped armyworm, Whitefly

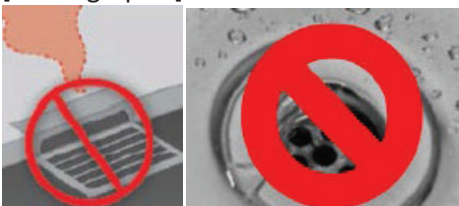
STORAGE & DISPOSAL

Pesticide Storage: Store and transport in upright position. Store only in original container, in a cool dry place inaccessible to children or pets.

Pesticide Disposal: If partly filled – Call your local solid waste agency or 800-529-3394 for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: If Empty - Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

[Insert graphic]



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. 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.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 800-558-5252 or contact the National Pesticide Information center at 800-858-7378 for emergency medical treatment information.

If Swallowed: 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 do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Questions? Comments? Call 800-558-5252 (or write Helen Johnson)

Sold by © [year] S. C. Johnson & Son, Inc. Racine, WI 53403-2236 U.S.A. All Rights Reserved.

(Made in [country])

(Manufactured under license of Bonide Products, Inc.)

[Website may be listed]

EPA Reg. No. 4822-599

EPA Est. No.

[Optional Marketing Claims]

(Kills) (Controls) (For use on) Garden insects, including Ants, Aphids, Asian lady beetles, Chinch bugs, Colorado potato beetle, Cutworms, Deer ticks, Elm leaf beetle, Flea beetles, Fleas, Japanese beetles, mites, Mosquitoes, Whiteflies and (many more) (other) listed insects.

This product kills Ants, Fleas, Chinch bugs, Mosquitoes, Aphids, Beetles, Whiteflies, Deer ticks, Mites, Japanese beetles and other listed insects.

This product kills garden insects, including Asian lady beetle, Colorado potato beetle, Elm leaf beetle, Flea beetles, Japanese beetles and many other listed insects.

This product kills Azalea caterpillar, Eastern tent caterpillar, Leaf feeding caterpillars and other listed insects.

Kills and repels insects

Kills and repels insects, including Japanese Beetles and [x] (+) other insect pests

Kills Bagworms, Tent caterpillars, Gypsy moth larvae and [x] (+) other insect pests

Kills Mosquitoes and [x] (+) other insects

Kills (over) [x] (+) (pests) (insects) (on contact)

[x will not exceed the number of insects listed on the product]

Broad spectrum (insect killer) (insecticide) (concentrate)

For vegetables, roses, flowers, trees, shrubs, ornamentals

Concentrated insect (spray) (killer)

For (trees), (shrubs), (ornamentals), (vegetables) (and) (structures)

Kills and repels insects on trees, shrubs, vegetables and ornamentals

Connect and spray

Just hook it to a hose and spray

Just connect to a garden hose and spray. Trigger feature delivers a straight "stream" for taller (trees) (and/or) (structures) and a ("fan") (spray) (mist) pattern for low lying plants and gardens.

Kills (insects) (pests) (outside the home) (on outdoor surfaces) for up to 8 weeks* (2 months*) *Kills insects outside the home on outdoor surfaces for up to 8 weeks

For spot or perimeter treatment: Covers up to 16,000 sq. ft. (for qt. size container – volume will vary as appropriate to package size)

Kills and repels for up to 8 weeks* (2 months*) *Kills insects outside the home on outdoor surfaces for up to 8 weeks]

Lasts up to 8 weeks* (2 months*) *Kills insects outside the home on outdoor surfaces for up to 8 weeks

Low odor, non-staining (formula)

[The following claim is to be used to reference other OFF! products and in its entirety:]

Try our complete line of OFF! outdoor products

Personal Repellents

Tabletop

Patio & Deck

Backyard

Look for products in each of these categories to meet your outdoor needs

Multi Pack

Ready Aim Spray

Control bugs

Perimeter

Perimeter Treatment

Backyard pretreat
S.C. Johnson
A Family Company (since 1886) (Fisk Johnson)
Read the entire label before use
Peel here [to be used on booklet labels]
Read (See) directions inside before use
Get the OFF!® mosquito product that is right for you.
Convenient
Easy to use
Easy to assemble
Fast and easy
Use with confidence
Take back your backyard
(Enjoy) Outdoor Activity without the worry
Maximize (enhance) your outdoor experience
Effective (coverage)(repellency)
Repels mosquitoes before they interrupt your outdoor enjoyment
Stay out late with the product bugs hate
OFF! for every occasion
OFF!® (brand) relied on for generations
OFF!® the brand you (can) trust
Keeps Bugs OFF!®
OFF! ® for your next party
Ergonomic design
New design [to be used for 6 months]
New ergonomic design [to be used for 6 months]
New and Improved design [to be used for 6 months]

[Optional Marketing Icons description]

[Note to reviewer: Graphics may be included to aid consumer understanding. Graphics may depict the images of the following and may appear modified in the final printed label. The final printed label may incorporate change in color, position, orientation or size.]

[Image of mosquito]

[Image of ant]

[Image of use sites]

[Outdoor scenery]

[OFF Logo]

