



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 26, 2026

Annelle Finstad  
Registration Specialist  
Bonide Products, LLC  
6301 Sutliff Road  
Oriskany, NY 13424

Subject: Label Amendment - Registration Review Mitigation for Lambda-Cyhalothrin  
Product Name: BONIDE LAMBDA 0.002% READY TO USE  
EPA Registration Number: 4-467  
Case Number: 474530  
Application Dates: January 18, 2022

Dear Annelle Finstad:

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 Caleb Carr by phone at 202-566-0636, or via email at [carr.caleb@epa.gov](mailto:carr.caleb@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie R. Javier". The signature is fluid and cursive, with the first name "Julie" being the most prominent.

Julie Javier, Team Leader  
Risk Mitigation and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label



## LAMBDA 0.002% READY TO USE

For use outdoors around the home only

[Additional Brand Names: Orchard™ Est. 1931 Yard & Garden Insect Killer Ready To Use; Yard & Garden Insect Killer Ready To Use; Eight Insect Control Garden & Home II Ready to Use]

### Optional Marketing Statements

[Ready to Use Formula]  
[Convenient to Use as a Spot Treatment]  
[Kills on contact]  
[For use on Vegetables, Fruits, Roses, Flowers, Shrubs, Trees and Other Outdoor Plants and Surfaces]  
[Kills and Controls Insects on Vinyl [Siding][Surfaces] for up to 8 Weeks]  
[Protects vegetables, roses, flowers, trees, shrubs]  
[Kills over 130 Insect/Pests [without Harming Plants]]  
[Kills ants, fleas, chinch bugs, sod webworms, aphids, beetles, whiteflies, mites, deer ticks [which may transmit Lyme Disease], Japanese beetles, European crane flies and other listed insects.]  
[Kills and Control Deer Ticks which may transmit Lyme Disease]  
[For vegetables, trees, shrubs and ornamentals]  
[Pump & Spray Applicator]  
[Easy to use [Battery] Power Sprayer]  
[Includes [Battery] Powered Sprayer]  
[Use with [Battery] Powered Sprayer]

### ACTIVE INGREDIENT:

Lambda-cyhalothrin..... 0.002%

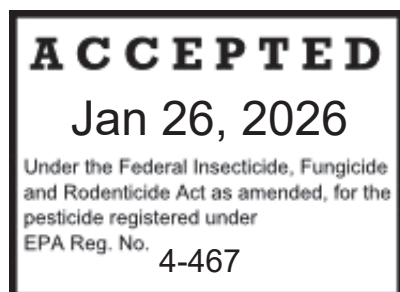
OTHER INGREDIENTS..... 99.998%

TOTAL..... 100.000%

Net Contents:

**Keep Out Of Reach Of Children**  
**CAUTION**

**See back/side/other panel(s) for additional Precautionary Statements & First Aid.**



[Per EPA 5/29/08 approval letter: May delete Precautionary Text & associated First Aid box]

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

<b>FIRST AID</b>	
<b>If on skin or clothing:</b>	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.
Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice. You may also contact SafetyCall® at 1-833-972-1102 for emergency medical treatment information.	

**Environmental Hazards**

This product is extremely toxic to fish and other aquatic organisms. 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.

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.

**DIRECTIONS FOR USE**

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

**STOP-READ ENTIRE LABEL BEFORE USE.**

For outdoor use only.

Do not apply directly to residential lawns and turf in residential settings) e.g. homes, parks, schools, athletic fields or any other area frequented by the general public.)

**Do not allow children or pets into the treated area until dry.**

**In New York State, this product may not be applied to an area within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.**

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- (1) Application to pervious surfaces such as soil and vegetation;
- (2) 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 groundcover that abuts the perimeter of treated structure);
- (3) Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhand, awning or other structure;
- (4) Applications to potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;

- (5) 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;
- (6) Applications to vertical surfaces directly above pervious surfaces, such as soil, mulch or vegetation ) only if the pervious surface does not drain into ditches, storm drains, gutters or surface waters.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.). 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 apply 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. 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. 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 manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

## APPLICATIONS INSTRUCTIONS

- Shake well before each use.
- To avoid extreme wetting and waste of product, adjust nozzle to narrow fan spray. Hold sprayer about 1 foot from plant and spray just enough to cover the area that is to be treated.

**NOTE:** This product will not stain most home siding. However, before using, it is recommended to test on the siding (vinyl in particular) in an area that is not readily visible. Recheck after a few hours. If any staining is observed, DO NOT use.

### [SPRAYER INSTRUCTIONS

1. To detach sprayer handle and wand, remove the sticker and gently pull the wand from the bottle.
2. Unwrap hose from bottle.
3. Cut white plastic safety strip from pump and discard.
4. Make sure pump is securely screwed into tank by turning clockwise.
5. Make sure control lever on sprayer handle is in the “OFF” position by pulling back.
6. Slightly turn pump handle clockwise to unlock.
7. Pump handle up & down to create pressure in tank.
8. Point spray nozzle away from people and pets and desired plants.
9. Push the control lever on the sprayer handle to “ON” to begin spraying.
10. Adjust spray pattern by turning nozzle cap.
11. Pull control lever back to stop spraying.]

### [Optional For Use with Battery Powered Sprayer]

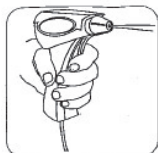
#### Directions for use with Battery Powered Sprayer [Sprayer directions]



- Remove sprayer from storage holster.
- Slide safety lock to the LOCK position.



- Unwind pickup tube on the sprayer.
- Remove cap and seal from bottle.
- Insert pickup tube in bottle and screw sprayer cap onto bottle.



- Slide safety lock to the ON position.
- Gently squeeze the trigger to dispense fluid. The sprayer may require several seconds for the fluid to prime.
- After use, return to LOCK position.

## OUTDOOR PESTS

INSECTS	APPLICATION INSTRUCTIONS
Ants* Centipedes Cockroaches Crickets Fleas Flies Gnats Millipedes Mosquitoes Pillbugs Scorpions Sowbugs Spiders Deer ticks	To significantly reduce the potential for entry by crawling pests, apply a constant band of insecticide around building foundation. Apply as a spot or crack-and-crevice spray around windows, doors, eaves, vents and other areas. For more effective treatments, remove debris, leaf litter and other matter that is adjacent to the foundation that could possibly harbor pests. Apply a 3 ft. band around the structure and upwards along the foundation to 3 feet. Apply as a spot or crack-and-crevice spray around windows, doors, and roof overhangs. For the insecticide to reach the soil or thatch layer where pests may be active, apply as a coarse spray to completely wet the foundation and/or band area. 1 quart will treat 62.5 sq. ft. of surface area.
*Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.	

## OUTDOOR SURFACES

INSECTS	APPLICATION INSTRUCTIONS
Ants* Centipedes Cockroaches Crickets Fleas Flies Gnats Millipedes Mosquitoes Pillbugs Scorpions Sowbugs Spiders Deer ticks	<p>Make a residual application to ornamental plants adjacent to foundations of building. Apply as a spot or crack-and-crevice spray to surfaces such as, but not limited to porches, screens, window frames, eaves, patios and garages where these pests are active.</p> <p>Works for up to 8 weeks on vinyl siding.</p>
*Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.	

## ORNAMENTAL TREES, SHRUBS & FLOWERS

**APPLICATION INSTRUCTIONS:** Apply thoroughly as a foliar spray to both sides of plant leaves and all plant surfaces where insects are present. For optimum results, apply early prior to high insect populations.

**NOTE:** For **Scale** control, treat the whole plant, including the stem, trunks, and twigs.  
 For **Bagworm** control, apply when bagworm larvae start to hatch.

Use Site	Insects Controlled
<p>For use on ornamental trees, shrubs and flowers such as, but not limited to:</p> <p>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.</p>	<p>Ants*, Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevil (adult), Boxelder bugs, Broadmites, Brown softscale, Budworms, California oakworm, California redscale (crawlers), Cankerworms, Clovermites, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Fungus Gnat, 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, Pillbug, Pineneedle scale (crawler), Pine sawfly, Pine shoot beetles, Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spider mites, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae, Whiteflies</p>
*Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.	

## VEGETABLES

**APPLICATION INSTRUCTIONS:** Apply for complete coverage, trying to hit the underside of leaves.

**NOTE:** Do not apply more than 5 times per growing season to corn. For all other crops do not apply more than 9 times per growing season.

VEGETABLES	INSECTS CONTROLLED	PHI*
Broccoli Brussels sprouts Cabbage Cavalo broccoli Cauliflower Chinese broccoli Chinese cabbage Chinese mustard Kohlrabi	Alfalfa looper, Aphid, Armyworm, Beet armyworm, Cabbage looper, Cabbage webworm, Corn earworm, Cutworm, Diamondback moth, Fall armyworm, Flea beetle, Grasshopper, Imported cabbageworm, Japanese beetle (adult), Leafhopper, Lygus bug, Meadow spittlebug, Plant bug, Southern cabbageworm, Spider mite, Stink bug, Thrips, Yellow-striped armyworm, Whitefly	1
Corn (sweet & pop)	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 (adult), Meadow spittlebug, Mexican corn rootworm beetle (adult), Northern corn rootworm beetle (adult), Sap beetle (adult), Southern corn rootworm beetle (adult), Southwestern corn borer, Stalk borer, Stink bug, Tobacco budworm, Western bean cutworm, Western corn rootworm beetle (adult)	21
Corn (sweet only)	Aphid, Aster leafhopper, Corn silkfly (adult), Southern armyworm, Spider mite, Tarnished plant bug, Western bean cutworm	21
Lettuce (head & leaf)	Aphid, Alfalfa looper, Armyworm, Beet armyworm, Cabbage looper, Corn earworm, Cutworm, Diamondback moth, European corn borer, Fall armyworm, Flea beetle, Grasshopper, Green cloverworm, Imported cabbageworm, Japanese beetle (adult), Leafhopper, Meadow spittlebug, Plant bug, Saltmarsh caterpillar, Southern armyworm, Spider mite, Stink bug, Tobacco budworm, Vegetable beetle (adult), Whitefly	1
Onion (bulb) & Garlic	Aphid, Armyworm, Cutworm, Flower thrips, Leafminer (adult), Onion maggot (adult), Onion thrips, Plant Bug, Seedcorn maggot (adult), Stink bug, Tobacco thrips, Western flower thrips	14
Tomato & Tomatillo	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	5
*PHI = Pre-Harvest Interval. Number of days to wait between the last application and harvest.		



### 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 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.

Seller warrants that this product complies with the specifications expressed in this 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 or 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.

For Emergency Medical Treatment Information call SafetyCall® at 1-833-972-1102

For Spill, Leak, Fire or Accident Information call Chemtrec at 1-800-424-9300

### Bonide Products, LLC

6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]