

4-467



10/06/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

OCT - 6 2009

Bonide Products, Inc.  
c/o Ms. Sarah Kuetemeier  
Registrations by Design, Inc.  
P.O. Box 1019  
Salem, VA 24153

Dear Ms. Kuetemeier:

Subject: Application for Pesticide Notification (PRN 98-10)  
Comply with Agency pyrethroid labeling letter dated June 4, 2009  
Bonide Lambda 0.002% Ready to Use  
EPA Reg. No. 4-467  
Your submission dated September 14, 2009

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated September 14, 2009 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Sincerely,

*Dana R. Pellett*

*for* Richard Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division (7505P)



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 4-467
2. EPA Product Manager Nesci
3. Proposed Classification None Restricted
4. Company/Product (Name) Bonide® Lambda 0.002% Ready to Use
5. Name and Address of Applicant (Include ZIP Code) Bonide Products, Inc. 6301 Sutliff Road Oriskany, NY 13424
6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: of label change per June 4, 2009 letter from EPA

This notification is consistent with the guidance in the June 4, 2009 letter and the requirements of EPA's regulations at 40 CFR part 156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. Bonide Products, Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA, and further understands that if the amended label is not consistent with the requirements of 40 CFR part 156, this product may be in violation of FIFRA and Bonide Products, Inc. may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container, 3. Location of Net Contents Information, 4. Size(s) Retail Container, 5. Location of Label Directions, 6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name Sarah H. Kuetemeier, Title Consultant/Agent for Bonide Products, Inc., Telephone No. (540) 375-8823
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature Sarah H. Kuetemeier, 3. Title Consultant/Agent for Bonide Products, Inc., 4. Typed Name Sarah H. Kuetemeier, 5. Date Sept. 14, 2009, 6. Date Application Received (Stamped)

# Registrations by Design, Inc.<sup>sm</sup>

Sept. 14, 2009

118 1/2 East Main Street  
Suite 1  
Salem, VA 24153-3005  
phone 540.375.8826  
fax 540.375.8827

Document Processing Desk (NOTIF-PYRETHROID)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Ariel Rios Bldg.  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

Re: Notification of Revised Label per EPA 6-4-09 Letter  
EPA Reg. No. 4-467, Bonide<sup>®</sup> Lambda 0.002% Ready to Use

Attn: Linda Arrington, Team Leader  
Notifications & Minor Formulations

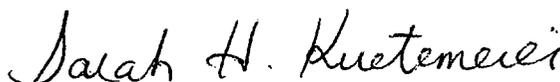
On behalf of Bonide Products, Inc. of Oriskany, New York, enclosed is notification for the above-referenced product. The purpose of this notification is to update the label per the June 4, 2009 letter from EPA. No changes have been made to the CSF.

The following documents are enclosed:

- 1) EPA Form #8570-1, Application for Pesticide – Notification (2 copies)
- 2) Copy of the proposed revised label with revisions highlighted in blue.

If further action or information is required on behalf of Bonide Products, Inc., please advise.

Best regards,



Sarah H. Kuetemeier  
Consultant/Agent for  
BONIDE PRODUCTS, INC.  
e-mail: sarahk@ntelos.net

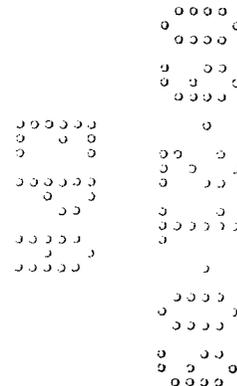
/shk

Enclosures

cc: MVickers/BPI

**NOTICE! MAILING ADDRESS CHANGE effective August 1, 2009**  
Registrations by Design, Inc., P.O. Box 1019, Salem, VA 24153

Established  
1996



4/9

**NOTIFICATION**

**OCT - 6 2009**



**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]

Optional Marketing Statements

- [Ready to Use Formula]
- [Convenient to Use as a Spot Treatment]
- [Kills on contact]
- [For use on Vegetables, Fruits, Roses, Lawns, Flowers, Shrubs, Trees and Other Outdoor Plants and Surfaces]
- [Kills and Controls Insects on Vinyl [Siding][Surfaces] for up to 8 Weeks]
- [Protects lawns, 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 lawns, vegetables, trees, shrubs and ornamentals]

**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 the National Pesticide Information Center at 1-800-585-7378 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.

**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.**

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

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

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 lawns, turf, and other vegetation;
- (3) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

**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.

**LAWNS**

SURFACE INSECTS	APPLICATION INSTRUCTIONS
Ants* Armyworms Cockroaches (German & American) Crickets Cutworms Earwigs European crane flies Fleas Fruit flies Green June beetles Lawn moths (sod webworms) Millipedes Palmetto bugs Sowbugs Mites Spittlebugs Springtails Deer ticks (which may transmit Lyme Disease) Water bugs	A few hours prior to application, completely wet the grass, and apply as a thorough coverage spray. One quart will treat 62.5 sq. ft. For ideal control of surface insects, postpone additional watering or mowing for 24 hours. Treat ants and other insects when they begin to appear or when you notice lawn damage.  <b>Do not apply more than 10 times per location, per year.</b>
*Allegheny mound, Argentine, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.	

**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	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.  Works for up to 8 weeks on vinyl siding.
*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
For use on ornamental trees, shrubs and flowers such as, but not limited to:  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*, 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, 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
*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 that 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.		

