



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 1200 Pennsylvania Avenue NW
 Washington, D.C. 20460

EPA Reg. Number:
 4-467

Date of Issuance:
 05/29/08

Term of Issuance:

Conditional

Name of Pesticide Product:

Bonide Lambda 0.002% Ready to Use

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

Bonide Products, Inc.,
 6301 Sutliff Road
 Oriskany, NY 13424

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the following labeling changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read: "EPA Registration No. 4-467"

Signature of Approving Official:

George LaRocca
 Product Manager (Team 13)
 Insecticide Branch
 Registration Division (7505P)

Date:

May 29, 2008

- b. Although acceptable, you may delete the additional Precautionary ("Harmful if absorbed . . .") and associated First Aid ("If on skin or clothing . . .") statements.
- 3. Submit to the Agency, data on one year storage stability testing (830.6317), conducted concurrently with the corrosion characteristics study (830-6320) at 0, 3, 6, 9 and 12 months of warehouse storage.
- 4. Submit copies of the final printed label bearing the above stated revisions prior to releasing this product for sale.

If you fail to comply with the above stated conditions, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosed, please find a copy of the stamped label for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure



LAMBDA 0.002% READY TO USE

For use outdoors around the home only

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 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]

ACTIVE INGREDIENT:

Lambda-cyhalothrin 0.002%

OTHER INGREDIENTS: 99.998%

TOTAL: 100.000%

Net Contents:

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 29 2008**
**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
4-467**

Keep Out of Reach of Children
CAUTION

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

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.

FIRST AID	
If on skin or clothing:	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. Do not apply directly to water.

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 costal marsh, or stream that drains directly into a coastal marsh.

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. Do not apply more that 10 times per location, per year.
*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 and 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 and 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 and 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 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 information on pesticide products (including health concerns, medical emergencies, or pesticide incidents) call National Pesticide Information Center at 1-800-858-7378.

Bonide Products, Inc.

6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]