



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 3, 2026

Leanna Bosarge
Director, Regulatory Affairs
Control Solutions, Inc.
5903 Genoa- Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment - Registration Review Mitigation for Lambda-Cyhalothrin
Product Name: Lambda Dust
EPA Registration Number: 53883-233
Case Number: 478016
Application Dates: March 28, 2022

Dear Leanna Bosarge:

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 Nick Barnett by phone at 513-569-7643, or via email at Barnett.nicholas@epa.gov.

Sincerely,



Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

Master Label**ACCEPTED**

02/03/2026

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under
EPA Reg. No. 53883-233

Lambda Dust

INSECTICIDE

For outdoor use around the home only.

Active Ingredient:	
Lambda-Cyhalothrin	0.025%
Other Ingredients	99.975%
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION. See [back][end of booklet] for additional precautionary statements.

Net Wt 1 lb (443 g)

OPTIONAL PRODUCT FACT BOX**PRODUCT FACTS****What it Does:**

Kills Ants (except Carpenter and Pharaoh's Ants), Aphids, Beetles, Cutworms, Cabbageworms, Whiteflies, Mites, Japanese Beetles and Other Listed Insects

Where to Use: (icon outdoors)(icon garden)**Questions & Comments: (icon phone) (icon computer)**

Call 1-800-XXX-XXX or visit our website at www.xxx.com

[Protects Listed Areas:][Protects:] Vegetables, Fruit and Nut Trees, Roses, Flowers, Trees, Shrubs • [Wide Range of Control][Controls] Ants (except Carpenter and Pharaoh's Ants), Aphids, Cutworms, Flea Beetles • Kills on contact • [Kills][Works] in 24 hours • Kills over 140 insects [on vegetables, fruit and nut trees and ornamentals] • Can be used up to the day before harvest on certain [listed] vegetables • New! • *Guaranteed results or your money back

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

Allow dust to settle in treated areas before reentering.

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

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)

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 apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

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.

ORNAMENTAL TREES, SHRUBS AND FLOWERS

Dust lightly. For best results cover both upper and lower leaf surfaces. Use at first sign of insect infestation. Reapply if insects return or if additional insect damage is observed.

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, Chrysanthemums, Carnations, 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.

To control [kill]: Ants (except Carpenter and Pharaoh's Ants), armyworms, azalea caterpillar, aphids, bagworms, black vine weevil (adult), box elder bugs, budworms, California oakworm, cankerworms, cockroaches, crickets, cutworms, Eastern tent caterpillar, elm leaf beetles, European sawfly, fall webworm, flea beetles, forest tent caterpillar, gypsy moth larvae, Japanese beetles (adults), June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leafminers (adults), leaf rollers, leaf skeletonizers, midges, oleander moth larvae, pillbug, pine sawfly, pine shoot beetles, pinetip moths, plant bugs, root weevil, sawfly, scale insects (crawlers), spiders (except Black Widow and Brown Recluse Spiders), spittlebugs, striped beetles, striped oakworm, thrips, tip moth, and tussock moth larvae.

VEGETABLES

Dust lightly. For best results cover both upper and lower leaf surfaces. Use at first sign of insect infestation. Reapply if insects return or if additional insect damage is observed.

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.

Do not apply more than 12.8 lbs. (0.032 lbs. lambda-cyhalothin) per acre in a single application to corn.

For use on: Broccoli, Brussels Sprouts, Cabbage, Cavallo Broccoli, Cauliflower, Chinese Broccoli, Chinese Cabbage, Chinese Mustard, and Kohlrabi.

To control [kill]: Alfalfa Looper, Cabbage Loopers, Imported Cabbageworm, Southern Cabbageworm, Cutworm, Cabbage Webworm, Diamondback moth, Armyworm, Beet Armyworm, Fall Armyworm, Yellow-Striped Armyworm, Corn Earworm, Flea Beetle, Japanese Beetle (adult), Grasshopper, Leafhopper, Plant Bug (including Lygus Bug), Stink Bug, Meadow Spittlebug, Aphid, Whitefly, Thrips, and Spider Mite.

For use on: Corn (sweet and pop)

To control (kill): Cutworm, Western Bean Cutworm, Corn Earworm, Green Cloverworm, Meadow Spittlebug, Tobacco Budworm, European Corn Borer, Southwestern Corn Borer, Stalk Borer, Hop Vine Borer, Armyworm, Beet Armyworm, Western Corn Rootworm Beetle (adult), Northern Corn Rootworm Beetle (adult), Southern Corn Rootworm Beetle (adult), Mexican Corn Rootworm Beetle (adult), Bean Leaf Beetle, Cereal Leaf Beetle, Japanese Beetle (adult), Sap Beetle (adult), Stink Bug, Grasshopper, Corn Leaf Aphid, English Grain Aphid, Chinch Bug, and Green Bug.

Sweet Corn only: Southern Armyworm, Western Bean Cutworm, Tarnished Plant Bug, Aster Leafhopper, Aphid, Spider Mite, Corn Silkfly (adult).

For use on: Lettuce (head and leaf)

To control [kills]: Alfalfa Looper, Cabbage Looper, Imported Cabbageworm, Cutworm, Saltmarsh Caterpillar, Green Cloverworm, Diamondback moth, Armyworm, Beet Armyworm, Southern Armyworm, Corn Earworm, Tobacco

Budworm, European Corn Borer, Flea Beetle, Japanese Beetle (adult), Vegetable Weevil (adult), Grasshopper, Leafhopper, Plant Bug, Stink Bug, Meadow Spittlebug, Aphid, Whitefly, and Spider Mite.

For use on: Onion (bulb) and garlic

To control [kill]: Cutworm, Seedcorn, Maggot (adult), Onion Maggot (adult), Leafminer (adult), Armyworm, Onion Thrips, Tobacco Thrips, Western Flower Thrips, Aphid, Plant Bug, and Stink Bug.

For use on: Tomato, Tomatillo, Peppers (bell and non-bell), Eggplant, Ground Cherry, and Pepino.

To control [kill]: Cabbage Looper, Cutworm spp., Hornworm, Tomato Fruitworm, Tobacco Budworm, Tomato Pinworm, Beet Armyworm, Southern Armyworm, Yellow-striped Armyworm, Fall Armyworm, European Corn Borer, Leafminer, Colorado Potato Beetle, Flea Beetle, Grasshopper, Leafhopper, Aphid, Whitefly, Meadow Spittlebug, Stink Bug, Plant Bug, Stalk Borer, Blister Beetle, Japanese Beetle (adult), Vegetable Weevil, and Cucumber Beetle (adult).

For use on: Asparagus Beans, Snap Beans, Wax Beans, Black-eyed Peas, Garden Peas, Green Peas and Sugar Snap Peas.

To control [kill]: Cutworm spp., Green Cloverworm, Imported Cabbageworm, Saltmarsh Caterpillar, Velvetleaf Caterpillar, Mexican Bean Beetle, Corn Earworm, Painted Lady Butterfly (larvae), European Corn Borer, Looper spp., Western Bean Cutworm, Armyworm, Yellow-striped Armyworm, Western Yellow-striped Armyworm, Bean Leaf skeletonizer, Webworm spp., Leaf tier spp., Alfalfa Caterpillar Stalk Borer, Cucumber Beetle (adult), Corn Rootworm Beetle (adult), Flea Beetle (adult), Blister Beetle, Bean Leaf Beetle, Japanese Beetle (adult), Leafhopper spp., Flea Hopper spp., Three-Cornered Alfalfa Hopper, Meadow Spittlebug, Stink Bug spp., Plant Bug spp., Grasshopper, Thrips spp., and Aphid spp.

Number of days to wait between the last application and harvest (PHI)	
Vegetables	PHI
Broccoli, Brussels Sprouts, Cabbage, Cavallo Broccoli, Cauliflower, Chinese Cabbage, Chinese Mustard, Kohlrabi, Lettuce (head & leaf)	1
Tomato, Tomatillo, Peppers (bell & non-bell), Eggplant,	5

[Bracketed Text] = Optional language

Ground Cherry and Pepino	
Onions (bulb), Garlic	14
Corn (sweet & pop)	21
Asparagus Beans, Snap Beans, Wax Beans, Black-eyed Peas, Garden Peas, Green Peas, and Sugar Snap Peas	7
Lettuce (leaf & head)	1
PHI = Pre-Harvest Interval	

FRUIT AND NUT TREES

Dust lightly. For best results cover both upper and lower leaf surfaces, Use at first sign of insect infestation. Reapply if insects return or if additional insect damage is observed.

For Fruit Trees, do not apply more than 9 times per year, and apply no more than 5 times after blooms have formed.

For Nut Trees, do not apply more than 6 times per year, and apply no more than 5 times after blooms have formed.

Do not apply more than 16.8 lbs. (0.042 lbs. lambda-cyhalothin) per acre in a single application to Apple, Apricot, Cherry, Nectarine, Plum, Prune, Pear or Peach Trees.

For use on: Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear and Quince.

To control [kill]: Leafhopper spp., Codling Moth, Tufted Apple Budworm, Oriental Fruit Moth, Lesser Appleworm, Green Fruitworm, Tent Caterpillar spp., Tentiform Leafminer spp., Apple Maggot (adult), Pear Sawfly, Plum Curculio, Japanese Beetle, Plant Bug, Stink Bug, Leafhopper, Periodical Cicada, Apple Aphid, Rosy Apple Aphid, Pear Psylla, and San Jose Scale (on fruit only).

For use on: Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, and Prune.

To control [kill]: Leafroller spp., Peach Twig Borer, Oriental Fruit Moth, peachtree Borer spp., Green Fruitworm, Tent Caterpillar spp., American Plum Borer, Cherry Fruit Fly spp. (adult), Plum Curculio, Rose Chafer,

Japanese Beetle, Plant Bug, Stink Bug, Leafhopper spp., Periodical Cicada, and Black Cherry Aphid.

For use on: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black & English), and Pecan.

To control [kill]: Leafroller spp., Navel Orangeworm, Codling Moth, Filbertworm, Peach Twig Borer, Walnut Husk Fly spp. (adult), Ants, Plant Bug, Stink Bug, Chinch Bug, Leaffooted Bug, Walnut Aphid, Hickory Shuckworm, Pecan Casebearer spp., Pecan Weevil, Pecan Aphid spp., Pecan Spittlebug, and Pecan Phylloxera spp.,

Number of days to wait between the last application and harvest (PHI)	
Fruit and Nut Trees	PHI
Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear and Quince.	21
Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, and Prune.	14
Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black & English), and Pecan.	14

PHI = Pre-Harvest Interval

FOR USE AS A FIRE ANT DUST PRODUCT

Optional Marketing Claims

[Starts to Work in Days • Starts to Kill in Hours • Starts to Work on Contact • Kills Fire Ants • Easy to Use • No Watering in [Needed][Necessary] • Kills the Entire Colony • Kills the Entire Colony in 48 Hours (2 days) • Treats [20] Mounds • Kills the mound • Kills the Entire Mound • Non-Staining • Easy to seal container • Low dust formula • Kills Queen and Colony in 2 days (48 hours) • No Odor • Guaranteed Results or your money back]

[Bracketed Text] = Optional language

PRODUCT FACTS

What it Does: Kills Fire Ants

Questions & Comments: (icon phone) (icon computer)

Call 1-800-XXX-XXX or visit our website at www.xxx.com

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

Allow dust to settle in treated areas before reentering.

HOW TO USE

[TO APPLY AS A SHAKER: Hold container 12-18" above mound. Tilt to use multiple holes, shake gently and sprinkle evenly over the mound. Use 2 [Tablespoons][Tbsp.][3 shakes] per mound.]

[TO MEASURE AND APPLY: Sprinkle 2 [Tablespoons][Tbsp.] of dry powder over each mound. Try not to disturb mound during application.]

Do not water in. [This is important as it allows fire ants and workers to][Alternate: Fire ant workers will] track the powder deep into the mound. Lambda Dust starts to work upon contact, though mound kill is not immediate.

For best results, apply in morning or evening hours. At these times, fire ants are closer to the surface virtually assuring the product will contact them. Lambda Dust will kill fire ants in 48 hours.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry area away from heat or open flame.

Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

EPA Est. No. _____

Hazards to Humans and Domestic Animals

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

First Aid

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 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a Poison Control Center, doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

Environmental Hazards

This product is highly toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

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. Protect pollinating insects by following label directions intended to minimize drift and to reduce risk to these organisms.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Made in the USA by:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

EPA Reg. No. 53883-233
