



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

May 12, 2025

Rebecca M. Horton  
Consultant/Agent for  
BONIDE PRODUCTS, LLC  
6301 Sutliff Road  
Oriskany, NY 13424

Subject: Label Amendment - Registration Review Mitigation for Permethrin and Tetramethrin  
Product Name: Bonide Yard & Patio Fogger  
EPA Registration Number: 4-429  
Application Dates: February 8, 2021  
Decision Number: 570541 and 570539  
Case Number: 00481420 and 00479360

Dear Rebecca M. Horton:

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 Permethrin and Tetramethrin Interim Decisions, 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 Michelle Nolan by phone at (202) 566-2237, or via email at [nolan.michelle@epa.gov](mailto:nolan.michelle@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Costello", is positioned above the typed name.

Kevin Costello, Branch Chief  
Risk Management and Implementation Branch 2  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

**ACCEPTED**

May 12, 2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 4-429

TRUSTED SINCE 1926  
**BONIDE**

## YARD & PATIO FOGGER

[Additional Brand Names: Bonide Mosquito Beater Yard Fog, Flying & Crawling Insect Killer]

### **OPTIONAL MARKETING STATEMENTS:**

Triple Action Formula Highly Effective Against Listed [Flying] [&] [Crawling] Insects

Use Outdoors & In

Controls Residential and Ornamental Garden Insects

[Intended] For Household Use

A Broad Spectrum Insecticide Highly Effective Against: [Ants,] [Carpenter Ants,] [Bees,] [Carpet Beetles,]

[Centipedes,] [Clover Mites,] [Cockroaches,] [Crickets,] [Earwigs,] [Firebrats,] [Fleas,] [Grain Beetles,]

[Millipedes,] [Mole Crickets,] [Moths,] [Pillbugs,] [Scorpions,] [Silverfish,] [Sowbugs,] [Spiders (except black widow and brown recluse species),] [Ticks,] [Wasps,] and Many Other Listed Pests

Kills: [Ants,] [Carpenter Ants,] [Bees,] [Carpet Beetles,] [Centipedes,] [Clover Mites,] [Cockroaches,] [Crickets,]

[Earwigs,] [Firebrats,] [Fleas,] [Grain Beetles,] [Millipedes,] [Mole Crickets,] [Moths,] [Pillbugs,] [Scorpions,]

[Silverfish,] [Sowbugs,] [Spiders (except black widow and brown recluse species),] [Ticks,] [Wasps,] and Many Other Listed Pests

Kills [Flies,] [mosquitoes,] [gnats,] and other listed insects outdoors and in.

Water-based Formula



Kills [Flying] [&] [Crawling] Pests Including [Gnats,] [Flies,] [Ants,] [Spiders (except black widow and brown recluse species)] and Other Listed Outdoor Insects

Will not Harm Ornamental Plants

Contains no CFC's or Other Ozone Depleting Substances.

Pleasantly Scented

Vanilla Scented

Kills Spiders (except black widow and brown recluse species)

### **ACTIVE INGREDIENTS:**

Tetramethrin (CAS # 7696-12-0) ..... 0.15%

Permethrin (CAS # 52645-53-1) ..... 0.15%

Piperonyl Butoxide (CAS # 51-03-6) ..... 0.75%

**OTHER INGREDIENTS:** ..... 98.95%

**TOTAL** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

**NET CONTENTS:** \_\_\_\_\_

EPA Reg. No. 4-429

Oct. 3, 2024 – Permethrin/Tetramethrin IRRD

EPA Est. No. 4-NY-1

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## 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 contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

### PHYSICAL OR CHEMICAL HAZARDS

Combustible. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use on surfaces that can be harmed or stained by water.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For both indoor and outdoor use.

Do not use in commercial food/feed handling establishments, restaurants or other areas where food is commercially prepared, processed, served or stored.

### Use Restrictions:

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying. Do not allow adults, children, or pets to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Application is prohibited directly into sewers or drains, or to any area like a 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. Not for use in outdoor residential misting systems. For surface spray use: Do not allow adults, children or pets to enter the treated area until sprays have dried. Do not apply when food is present. Not for broadcast use on indoor residential surfaces.

[



Do not allow to enter indoor or outdoor drains.  
*No permita la entrada a desagües internos o externos.*

]

### STORAGE AND DISPOSAL

**Pesticide Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Do not puncture or incinerate!

**Pesticide Disposal & Container Handling:** *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled* – Do not pour or dispose down-the-drain or sewer. Call your local solid waste Agency for disposal options.

### SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches. Remove birds and cover fish aquariums before spraying.

**INDOORS: CLUSTER FLIES, HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACK FLIES, SKIPPER FLIES, BLOW FLIES, AND SMALL FLYING MOTHS:** Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5 – 10 seconds for average room. Direct spray to all parts of the room, especially windows and other light sources, which attract these insects. Keep nozzle in constant motion. Leave room and keep door closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects.

**COCKROACHES, WATERBUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS (except black widow and brown recluse species),**

**MILLIPEDES, CENTIPEDES, SOWBUGS, STINK BUGS, ASIAN LADY BEETLES, BOXELDER BUGS, FLEAS, EARWIGS, PANTRY PESTS (GRAIN BEETLES, CLUSTER FLIES, CLOVER MITES) AND PILLBUGS:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible.

**ANTS:** Spray trails, nests and points of entry. Spray on ants where possible.

**CARPET BEETLES:** Apply as a spot or crack-and-crevice spray directly on beetles, floors, baseboards, shelves and carpets.

**BEDBUGS:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Apply as a spot or crack-and-crevice to treat baseboards, moldings and floors. Allow all sprayed articles to dry thoroughly before use.

To control **Clothes Moths** and **Carpet Beetles** on wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping nozzle at least three feet from fabric to avoid staining. Allow all sprayed articles to dry thoroughly before use. Dry clean treated clothes before wearing.

#### **OUTDOORS:**

**Use Restrictions:** Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not use on edible crops. Not for use on plants being grown for sale or other commercial use or for commercial seed production or for research purposes.

All outdoor spray 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, lawn, turf, and other 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 lawn);
- 3) 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;
- 4) 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.

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 windspeed is greater than 15 mph.

Spot treatments must not exceed two square feet in size (e.g., 2 ft x 1 ft or 4 ft x 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 an 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.

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.

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing.

**Pests on Outside Surfaces of Buildings:** For control of building infestation due to **Ants, Clover Mites, Crickets, Earwigs, Millipedes, Stink Bugs, Asian Lady Beetles, Boxelder Bugs** and **Sowbugs (Pillbugs)**. Spray foundation of building where insects are active and may find entrance, up to a height of 3 feet. Apply as a spot or crack-and-crevice spray to outside surface of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps.

**FLYING INSECTS: Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets and Yellow Jackets.** Allow fog to drift over area. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles.

**CRAWLING INSECTS: Ants, Cockroaches, including Asian Cockroaches, Crickets, Mole Crickets, Centipedes, and Silverfish.** Hold can two (2) to three (3) feet from surface to be treated and spray on infested surface of patio or picnic area, hitting as many insects as possible. Spray to slightly moisten the surface. Also spray legs of tables and chairs to repel ants. Spray ant trails and hills.

**ANTS, LONE STAR TICKS, CRICKETS, FLEAS AND EARWIGS:** Apply thoroughly to infestations in bushes, grass or weeds. For Ants, spray around ant trails and hills.

**FOR CONTROL OF ORNAMENTAL GARDEN INSECTS:** For use on roses, dahlias, asters and other ornamentals to kill **Japanese Beetles** hit by spray, as well as **Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites, Stink bugs, and Leafminers.**

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas. May also be used on other plants such as African Violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jew and zinnias.

Effective when used as directed against **Whiteflies, Aphids, Spider and Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms**. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**NOTICE:** To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

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[Batch Code to be inserted at production]  
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