

4-409

03/27/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

MAR 27 2013

Rebecca M. Horton  
Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

Subject: Amended Reregistration Label  
Bonide® Eight®  
EPA Registration Number: 4-409

Ms. Horton,

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Phenothrin RED(s), and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 03/08/2010

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not

complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Jessica Rogala at (703) 347-0263 or via e-mail at [rogala.jessica@epa.gov](mailto:rogala.jessica@epa.gov).

Sincerely,

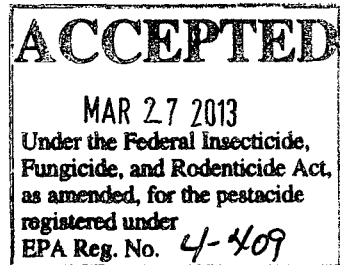


Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)



### DUST

For Use Only In and Around the House



Optional Marketing Statements:

- It's the Least You Can Do for Your Garden
- For Use on Roses & Flowers, Fruits & Vegetables, Foundations, Patios, Decks
- Gentle to Most Plants
- Kills and Repels
- Indoor/Outdoor
- Odorless
- Ready-to-Use
- Kills Troublesome Outdoor Insects Which Destroy Lawns, Gardens, Roses, Flowers, Trees and Shrubs
- Contains Permethrin, a Long Lasting Insecticide That Provides Contact and Residual Control for up to 4 Weeks of Many Hard-to-Kill Sucking and Chewing Insects.
- Tinted Green to Blend with Foliage (*Alternate Formulation Only*)
- For Plant Pest Control
- Easy to Use
- Controls Over 55 Listed Insect Pests.
- Protects Your Roses & Flowers, Vegetables From: Alfalfa Loopers, Ants, Aphids, Armyworms, Bagworms, Beetles, Borers, Brown Dog Ticks, Budworms, Cabbageworms, Chinch Bugs, Cicadas, Citrus Black Flies, Codling Moths, Corn Earworms, Crickets, Cutworms, Earwigs, Elm Spanworms, Fall Cankerworms, Fire Ants, Fleas, Green Fruitworms, Gnats, Grasshoppers, Inchworms, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Lone Star Ticks, Lygus Bugs, Mealybugs, Millipedes, Mole Crickets, Moths, Navel Orange Worms, Scales, Sowbugs (Pillbugs), Spider Mites, Spring Cankerworms, Tent Caterpillars, Thrips, Tobacco Budworms, Weevils, Whiteflies and Many Others.

**ACTIVE INGREDIENT:**

Permethrin (CAS #52645-53-1)..... 0.125%

**OTHER INGREDIENTS:**..... 99.875%

**TOTAL**..... 100.000%

Cis/trans ratio: min. 35% ± cis and max 65% ± trans

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

(See Back/Side/Other Panel(s) for Additional Precautionary Statements and First Aid)

Net Weight: \_\_ oz. (or lbs.)

<b>FIRST AID</b>	
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 Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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:** May be harmful if swallowed or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. 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 on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively 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.

**General Precautions and Restrictions**

Not for broadcast use on indoor residential surfaces. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before dusting. Do not use on humans. Do not allow children or pets to contact treated areas. Do not allow adults, children, or pets to enter the treated area until dusts have settled. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. Do not water the treated area to the point of run-

off. Do not make applications during rain. 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store and transport in an upright position. Store in a cool dry area 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. Place in trash or offer for recycling if available.

**For Dusting Plants:** Be sure to lightly cover all plant surfaces. Do not apply when bees are active in the area. Do not apply if rain is expected within 24 hours. Do not apply if wind causes drift.

**For Dusting Non-Plant Surfaces:** Using this container or other suitable mechanical duster such as a bulbous duster make a light but uniform application following the specific directions for use area listed on the label. Apply only as a spot treatment indoors. Do not broadcast. Exposed food should be covered or removed before application.

**For \_\_ oz. Duster:** Shake to fluff powder. This container is a refillable puffer applicator. Open the container, aim at plants to be treated and with your fingers rapidly squeeze and release the sides of the container. Follow the instructions for each plant.

**For \_\_ lb. Canister:** Shake to fluff powder. This container is a refillable duster applicator. Shake over plants to be treated or crush the sides of the canister in and rapidly squeeze and release in order to get a bellows dusting effect. Follow the instructions for each plant.

**For \_\_ lb. Applicator Bags:** This bag is a self contained Duster Bag. Cut off the bottom at the line indicated. Invert the bag and gently shake to move dust away from the screen. Open the Zip-Loc closure. Slowly turn the bag over and dust plants by holding the handle and gently shaking up and down. Follow the instructions for each plant. When finished, invert the bag and reseal the Zip-Loc for storage.

**NUISANCE PESTS IN OUTDOOR AREAS**

**OUTSIDE SURFACES OF BUILDING**

Use **Bonide Eight Insect Control Dust** on *Ants, Clover Mites, Crickets, Earwigs, Millipedes, Spiders, Cockroaches, Sowbugs (Pillbugs)* to help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, to outside surfaces of building, including porches, decks, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

**To Temporarily Control *House Flies, Mosquitoes, Cluster Flies, Gnats, Flying Moths:*** Dust pests on outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects may alight or congregate. Repeat as necessary.

**OTHER OUTDOOR AREAS**

Use **Bonide Eight Insect Control Dust** on *Ants, Crickets, Earwigs, Fleas, Lone Star Ticks* for treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, dust infested areas thoroughly. **For Ants**, thoroughly treat hills and runways. Repeat application as reinfestations occur.

**NUISANCE PESTS INDOORS**

**Application Within Residential Buildings Including Homes and Apartment Buildings**

**For Spot Treatment Only:** Apply as a light but uniform dust to localized areas where *Cockroaches, (Including Strains Resistant to Certain Other Insecticides), Ants, Clover Mites, Crickets, Silverfish and Spiders* are found or normally occur including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerator and cabinets; around plumbing and other utility installations. **For Ants:** Apply to ant trails, also around doors and windows and wherever else these pests may find entrance.

**Carpenter Ants:** Apply dust around doors and windows and other places where ants enter premises and where they crawl or hide. Also force dust into cracks and crevices or through openings or small newly drilled holes into wall voids where ants and/or nests are present. Use a sufficient amount to lightly cover area surfaces.

**For Control of Carpet Beetles:** Apply dust as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

**For Control of Ticks and Fleas:** Apply dust as a spot treatment to infested areas, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. For best results, old bedding should be cleaned and replaced. Do not treat pets or their bedding with this product. To control the source of flea infestations, pets inhabiting the treated premises should be treated with a product registered for application to animals.

**Wasps, Bees and Hornets:** Apply dust on nest and surrounding areas. To treat nests in wall voids, drill a hold in the wall, blow in dust and reseal. It is best to treat wasp nests at night when insects are less active and have returned to the nest. Do not wear loose fitting clothing. Take necessary precautions to avoid stings. For best results, carefully dust near nest and check one or two days after treatment to ensure complete kill. Retreat if necessary. If possible, remove and destroy nest to prevent hatching of new insects. For ground nests, carefully dust entrance and surrounding areas. Retreat in one or two days if wasp activity is still present. Do not use this product to treat overhead nests.

**DIRECTIONS FOR APPLYING**

### ROSES & FLOWERS

Sites	Pests	How to Use
Ageratum, Aster, Ardisia, Azalea, Baby's Breath, Begonia, Birds-nest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Common Ninebark and Snowberry, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Exacum, Fuschia, Gladiolus, Grape Ivy, Gold Bells, Hypoestes, Ivy, Juniper, Lily, Marigold, Mock-orange, Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Peperomia, Petunia, Philodendron, Piggy-back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot, Fern, Rhododendron, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Bagworms, Cabbage Worms, Cicadas, Corn Earworms, Cutworms, Exposed Thrips, Fall Cankerworms, Fall Webworms, Fungus Gnats, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scale Crawlers, Spring Cankerworms, Spider Mites, Whiteflies, Rose Chafers, Psyllids, Scale Insects	Apply at the first sign of insects. Lightly cover all plant surfaces. Repeat as necessary; use at intervals of 4-8 days. Applications can be made up to the day of collection.

Use with care on ferns, palms and fuschia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of species and cultivars, and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, dust a few plants as described above, wait 24 hours, and check for possible injury.

Repeat applications may be necessary to control citrus blackflies on non-bearing citrus; adult Japanese beetles on roses.

**On Tent caterpillars**, application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.

### VEGETABLES

**For Home Vegetable Gardens:** Dust upper and lower leaf surfaces. Use sufficient amount to obtain full coverage of all foliage. Apply no more than 13 ounces over 100 linear feet, or 13 ounces per 100 square feet.

Sites	Pests	How to Use
Asparagus (pre-harvest)	Asparagus Beetles, Cutworms	Apply as needed to ensure uniform coverage. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.
(post-harvest)	Larval stages of Asparagus Beetles; Tarnished Plant Bugs; Lygus Bugs and Adult Japanese Beetles.	Treat ferns or bush growth after spear harvest when insects are present.
Celery-See Leafy Vegetables		
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet Armyworms, Cabbage Aphids, Cabbage Loopers, Diamond Back Moths, Imported Cabbageworms	Apply every 5 days or as needed. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage. Can be applied up to 2 days prior to harvest.
Corn-see Sweet Corn		
Cucurbits: Balsam Pear (Bitter Melon), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Edible Gourds; Melons including hybrids such as Cantaloupe Casaba, Crenshaw, Honeydew, Honey Balls, Mango Melon, Muskmelon, Persian Melon, Pumpkin, Summer & Winter Squash, Watermelon	Aphids, Cabbage Loopers, Cucumber Beetles (Adults), Cutworms, Leafhoppers, Leafminers, Melonworms, Pickleworms, Plant Bugs, Squash Bugs.	Apply as needed to ensure uniform coverage. Do not make more than 8 applications per crop. Can be applied up to the day of harvest
Eggplant	Colorado Potato Beetles, Vegetable Leafminers	Apply as needed to ensure uniform coverage. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.
Horseradish	Imported Crucifer Weevils	Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.



Leafy Vegetables: Amaranth, Arugula, Celery, Celtuce, Chervil, Com Salad, Chrysanthemum (Edible-Leaved and Garland), Cress (Garden and Upland), Dandelion, Dock, Endive, Fennel, Lettuce (Head and Leaf), Orach, Parsley, Purslane (Garden and Winter), Rhubarb, Spinach, Swiss Chard	Alfalfa Loopers, Aphids, Beet Armyworms, Cabbage Loopers, Corn Earworms, Cutworms, European Corn Borers, Fall Armyworms, Green Cloverworms, Southern Armyworms, Tobacco Budworms, Vegetable Leafminers.	Apply every 5 to 10 days as needed. Do not apply more than 7 applications per crop. Can be applied up to 1 day prior to harvest.
Melons-see Cucurbits		
Potatoes	Beet Armyworms, Colorado Potato Beetles, Potato Leafhoppers, Potato Tuberworms, Cabbage Loopers, Cutworms, European Corn Borers, Potato Psyllids, Tarnished Plant Bugs.	Apply as needed. Do not apply more than 12 applications. Can be applied up to 7 days prior to harvest.
Peppers	Vegetable Leafminers, Cabbage Loopers, Flea Beetles, Corn Earworms, Pepper Weevils, European Corn Borers.	Apply as needed. Do not apply more than 8 applications per crop. Can be applied up to 3 days prior to harvest.
Sweet Corn	Corn Earworms, European Corn Borers, Fall Armyworms, Southern Armyworms	Apply every 5 days and when needed. Do not apply more than 6 applications per season. Can be applied up to 1 day prior to harvest.
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter.)	Beet and Southern Armyworms, Tomato Pinworms, Tomato Fruitworms, Hornworms, Granulate Cutworms, Colorado Potato Beetles, Cabbage Loopers	Apply as needed for uniform coverage. Do not apply more than 6 applications per season. Can be applied up to day of harvest.

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

Questions or Comments? Call 800-332-5553.

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

Manufactured by:  
Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

[Batch Code inserted at production]  
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