

4-430

05/07/2013

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 7, 2013

Ms. Rebecca M. Horton  
Agent for Bonide Products, Inc.  
c/o Registration by Design, Inc.  
P.O. Box 1019  
Salem, VA 24153

Subject: Amended Reregistration Label  
Product Name: Bonide Eight Insect Control Plus  
EPA Registration Number: 4-430  
EPA Decision Number: 413507

Dear 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 **Permethrin RED**, 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 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.

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 Any previously dated CSFs are superseded: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 2/1/2012
- Alternate Formulas #1-7, dated 2/1/2012

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).



### PLUS

[Alternate Brand Names: Ant Dust; Home Garden & Pet Dust; Bonide Bug Beater Garden & Pet Insect Control Dust; Spider & Ground Bee Killer, KGRO Garden Dust]

DO NOT USE ON CATS

Optional Marketing Statements:

For Indoor-Outdoor Use

Kills Ants, Spiders, Cockroaches, Millipedes, Crickets, Earwigs, Fleas, Ticks, and Bees

May be Used on Dogs

Controls Ants, Roaches and Other Listed Insects

For Use In and Around the House

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

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

Protects Your Roses & Flowers, Vegetables From: Alfalfa Loopers, Ants, Aphids, Armyworms, Bagworms, Beetles, Borers, Brown Dog Ticks, Budworms, Cabbageworms, Chinch Bugs, Cicadas, 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 Orangeworms, Scales, Sowbugs (Pillbugs), Spider Mites, Spring Cankerworms, Tent Caterpillars, Thrips, Tobacco Budworms, Weevils, Whiteflies and Many Others

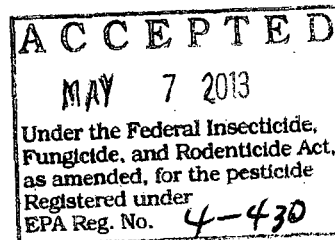
Snorkel Tube Applicator for hard-to-reach areas

Kills & Repels For Up To 4 Weeks

Controls over 80 listed insect pests

[For] Use on roses, flowers, fruits, & vegetables

For use on dogs and listed domestic animals



**ACTIVE INGREDIENT:**

Permethrin (CAS #52645-53-1)..... 0.25%

**OTHER INGREDIENTS:**..... 99.75%

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**NET WEIGHT:** \_\_\_\_\_

**READ ENTIRE LABEL BEFORE EACH USE.**

**DIRECTIONS FOR USE**

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

**Use Restrictions:**

Not for use on plants being grown for sale or other commercial use.

Do not allow adults, children or pets to enter the treated area until the dusts have settled. Do not apply as a broadcast treatment to indoor surfaces at residential sites, including nurseries, day care centers, schools, hospitals and nursing homes.

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.

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. Do not water the treated area to the point of run-off. Do not make applications during rain.

Do not use in food/feed areas of food/feed handling establishments, restaurants, or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

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.

**For Dusting Plants:** Be sure to lightly cover all plant surfaces.

**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 each 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 puffer applicator. Open the container cap, attach snorkel tube, aim tube at area to be treated and with your fingers, rapidly squeeze and release the sides of the container. Follow the instructions below.

**For \_\_\_ lb. Canister:** Shake to fluff powder. This container is a 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 Plus** 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, but no more than once every 7 to 10 days.

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 treatment as needed to maintain effectiveness, but no more than once every 7 to 10 days.

### OTHER OUTDOOR AREAS

Use **Bonide Eight Plus** 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, cover infested areas with a light coating of dust. **For Ants (including Fire Ants),** thoroughly treat hills and runways. Repeat treatment as needed to maintain effectiveness, but no more than once every 7 to 10 days.

## 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 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 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 pet bedding should be cleaned and replaced. To control the source of flea infestations, pets inhabiting the treated premises should be treated as directed below.

**Wasps, Bees and Hornets:** Apply dust on nest and surrounding areas. To treat nests in wall voids, drill a hole 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. Repeat 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, Fuchsia, Gladiolus, Grape Ivy, Gold Bells, Hypoestes, Ivy, Juniper, Lilac, 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, Snake Plant, Statice Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Bagworms, Cabbage Worms, Cicadas, Cornworms, Cutworms, Exposed Thrips, Fall Cankerworms, Fall Webworms, Fungus Gnat, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scale Crawlers, Spring Cankerworms, Spider Mites, Whiteflies, Rose Chafer, Psyllids, Scale Insects	Apply at the first sign of insects. Lightly cover all plant surfaces. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.

Use with care of ferns, palms and fuchsia. 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 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 200 linear feet, or 13 ounces per 200 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 beetle, Tarnished plant bug, Lygus bugs and adult Japanese beetle	Treat ferns or bush growth after spear harvest when insects are present.
Celery – See Leafy Vegetables		
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet armyworm, Cabbage aphid, Cabbage looper, Diamond back moth, Imported cabbageworm	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 Looper, Cucumber beetle (adults), Cutworms, Leafhoppers, Leafminers, Melonworms, Pickleworm, 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 the 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, Corn 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 looper, Aphids, Beet Armyworm, Cabbage looper, Corn earworm, Cutworms, European corn borer, Fall armyworm, Green cloverworm, Southern armyworm, Tobacco budworm, Vegetable leafminer	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 armyworm, Colorado potato beetle, Potato leafhopper, Potato tuberworm, Cabbage looper, Cutworms, European corn borer, Potato psyllid, Tarnished plant bug	Apply as needed. Do not apply more than 12 applications per crop. Can be applied up to 7 days prior to harvest.
Peppers	Vegetables leafminers, Cabbage looper, Flea beetle, Corn earworm, Pepper weevil, European corn borer	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 earworm, European corn borer, Fall armyworm, Southern armyworm	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	Beet and Southern armyworm, Tomato pinworm, Tomato fruitworm, Horn worms, Granulate cutworms, Colorado potato beetle, Cabbage looper	Apply as needed for uniform coverage. Do not apply more than 6 applications per season. Can be applied up to day of harvest.

**DOMESTIC ANIMALS**

**USE ONLY ON DOGS, COMPANION LIVESTOCK (CATTLE, HORSES, SWINE) and POULTRY.** Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

**Dogs:** To control (kill) *Fleas, Ticks and Lice:* Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Repeat every three weeks. This product should not be applied by children. Do not use on pregnant animals.

Do not use on puppies under 12 weeks of age. Dust pet bedding and doghouse using a shaker can or other dust applicator.

**Cattle, Horses:** Can be used in dust bags, shaker can and mechanical dust applicator. To control (kill) *Hornflies, Lice, Face Flies:* Place contents of this package in a commercially available dust bag, suspend bag in areas frequented by animals or in gateways or lanes through which the animals pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For milking cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4-6 inches below the back line of the cattle. For reduction of *face flies* bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

**Direct Application:** *Hornflies, Lice* – Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders, back and tailhead. Repeat as necessary. For *hornflies* on horses, dust with shaker can or dust glove along back, neck and legs.

**Swine:** Apply as a direct application to control (kill) *Lice*, using 1 oz. per animal as a uniform coat to the head, shoulder and back, using a shaker can or suitable mechanical dust applicator. Repeat as necessary, but not more than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not slaughter animals within 5 days of treatment.

**Poultry:** To control (kill) *Northern Fowl Mites* apply 1 lb. per 100 birds [ $\frac{1}{4}$  lb. per 25 birds]. Ensure thorough treatment of vent area.

**STORAGE AND 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 or for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Container Disposal:** *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO DOMESTIC ANIMALS**

**CAUTION:** Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Do not allow pets which are not listed for use on this label to contact treated areas.

**DO NOT USE ON CATS. May be toxic or potentially fatal if applied to or ingested by cats.** Accidental application to cats and/or grooming with a recently treated dog may result in tremors and/or uncoordinated muscle movement. If this occurs, immediate veterinary care should be provided.





**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.

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.

Manufactured by:

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

[Batch Code inserted at production]  
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