

4-407

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 20, 2013

Ms. Rebecca Horton
Agent for Bonide Products, Inc.
P.O. Box 1019
Salem, VA 24153

**Subject: Amended Reregistration Label Bonide Eight Insect Control Yard & Garden Ready to Spray
D3905964
EPA Registration No.4-407**

Dear Mr. Rose:

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 referenced product in connection with the Permethrin **RED**, and has concluded that your submission is acceptable.

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

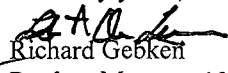
PLEASE NOTE: That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.

- Basic CSF, dated: May 16, 2012
- Alternate #1 CSF, dated: May 16, 2012
- Alternate #2 CSF, dated: May 16, 2012
- Alternate #3 CSF, dated: May 16, 2012

A copy of your label stamped Acceptable 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 Linda A. DeLuise at (703) 305-5428 or via e-mail at deluise.linda@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov.

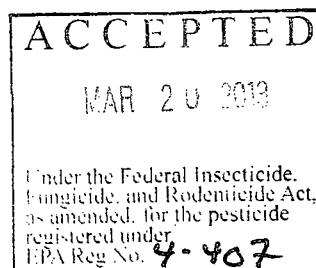
Sincerely yours,


Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosure: Label stamped Accepted dated: March 20, 2013



YARD & GARDEN READY TO SPRAY



[Alternate Brand Names: Bonide Bug Beater II Yard & Garden Insect Control Ready to Spray; Tickmaster; Mosquito Beater Ready to Spray; Bonide Eight Insect Control Yard & Garden; Eight Yard & Garden; Bonide HouseGuard Perimeter and Foundation Spray]

Optional Marketing Statements:

Spray Around Shrubbery and Other Places Insects (Mosquitoes) Congregate

· NO MIX · NO MESS · NO FUSS

Easy to Apply

Easy to Use

Water Based

Will Not Stain

Contact and Residual Spray

For Residential Use Only

Kills Troublesome Outdoor Insects Which Destroy Lawns, Roses, Flowers, Trees and Shrubs, Vegetables, Fruit, and Nuts

Contains Permethrin, a Long Lasting Insecticide Which Provides Contact and Residual Control for up to 4 Weeks of

Many Hard-to-Kill Sucking and Chewing Insects

Kills Over 100 Different Insects

Protects Your Lawns, Trees & Shrubs, Roses & Flowers, Fruits & Nuts, and Vegetables from: Alfalfa loopers, Ants, Aphids, Armyworms, Asian Lady Beetle, Bagworms, Beetles, Borers, Boxelder bugs, Brown dog ticks, Budworms, Cabbageworms, Chinch bugs, Cicadas (Locust), Citrus black flies, Clover mites, Cluster flies, Codling moths, Corn earworms, Crickets, Cutworms, Earwigs, Elm spanworms, Fall cankerworms, Fire ants, Firebrats, Fleas, Green fruitworms, Gnats, Grasshoppers, Houseflies, Inchworms, Japanese beetles, Leafhoppers, Leafminers, Leafrollers, Locust, Lone Star ticks, Lygus bugs, Mealybugs, Millipedes, Earworms, Mole crickets, Mosquitoes, Moths, Navel orangeworms, Scales, Silverfish, Sod webworms, Sowbugs (Pillbugs), Spider mites, Spring cankerworms, Springtails, Tent caterpillars, Thrips, Tobacco budworms, Weevils, Whiteflies and many others.

Fast acting/quick killing spray

Low odor

Kills and repels bugs [in your backyard] [in your yard] [around your home]

Kills [nuisance] pests outdoors before they come inside

Stops [kills] bugs [pests] outdoors – before they come inside

Effective Home [Yard] Barrier Treatment

Results guaranteed

Long lasting – keeps on killing [working] for weeks

Convenient, ready-to-use hose-end sprayer bottle

Creates a barrier around your home [yard] [foundation]

Kills and Repels

Helps protect your house [home] from invading insects [bugs] [pests] [ants]

Ready-to-Spray, No mixing, no measuring, no messy cleanup

Keeps annoying insects away

Do-It-Yourself pest control

Satisfaction Guaranteed or your money back

Just Connect to your [garden] hose and spray

For use around foundations, outside buildings, porches, wood piles, wooden fences, decks, garages, car ports, patios

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Long lasting non-stop protection
Keeps working for up to 4 weeks
Kills over 100 named insect pests
Just connect to hose and spray
Outdoor use only
Treats up to 5,000 square feet

ACTIVE INGREDIENT:

Permethrin (CAS #52645-53-1)..... 2.5%

OTHER INGREDIENTS:..... 97.5%

TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

NET CONTENTS: _____

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READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

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.

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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. 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 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. 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 Residential use only.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or for other commercial use, or for commercial seed production or for research purposes.

General Precautions and Restrictions

Do not allow adults, children, or pets to enter the treated area until sprays have dried. Do not water the treated area to the point of run-off. Do not make applications during rain. 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.

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.

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SHAKE WELL BEFORE USING

HOSE END SPRAYER: Easy to Use

1. Make sure knob control lever is in the OFF position. Shake well and attach to hose.
2. Turn water on at faucet, aim nozzle toward lawn and turn knob control lever to ON to begin spraying.
3. When finished turn control lever to OFF position. Turn faucet to OFF position. Discharge residual water pressure by turning ON and OFF again.

Store out of reach of children.

People and pets should not be allowed in treated areas until spray has dried.

DIRECTIONS FOR APPLYING HOME LAWNS

	Pests:	How to Use:
Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine	Ants, Armyworms, Brown dog ticks, Chinch bugs, Clover mites, Crickets, Cutworms, Fleas, Grasshoppers, Japanese beetle grubs, Mole crickets, Sod webworms, Ticks that may carry Lyme Disease, Leafhoppers	Home lawns should be 3 inches or less in height at the time of application. 1 Quart of this concentrate as applied through the Hose-End sprayer treats 5,000 sq. ft. For heavy infestations, repeat application after 2 weeks.

TREES & SHRUBS

	Pests:	How to Use:
Arizona Cypress, Azalea, Birch, Cherry, Non-bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping fig, Fir, Honeysuckle, Lilac, Mock-orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus	Aphids, Bagworms, Boxelder Bugs, Cicadas (Locust), Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Locust, Mealybugs, Spider mites, Whiteflies, Gypsy Moth, Tent Caterpillar, Japanese Beetles	Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50°F to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use at intervals of 4-8 days. Application can be made up to the day of collection.
Cherry, Honeysuckle	Fall webworms	
Conifer	Budworms	
Elm	Elm leaf beetles, Elm spanworms, Fall webworms	
Douglas and Grand Firs	Tussock moths	
Non-bearing Citrus	Citrus black flies	
Oak	Oakworms	
Pine	Pine beetles, Pine moths, Pine needleminers, Needle scales	

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. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.

ROSES & FLOWERS

	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,	Aphids, Armyworms, Bagworms, Boxelder Bugs, Cabbage worms, Cicadas (Locust), Cornworms, Cutworms, Exposed thrips, Fall cankerworms, Fall	Try to hit underside of leaves and penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50°F to 75°F and when there is little or no wind. Spray at the first

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, Snapdragon, Snake Plant, Statice Velvet Plant, Verbena, Zinnia	webworms, Fungus gnats, Inchworms, Japanese beetles, Leafminers, Leafrollers, Locust, Mealybugs, Scale crawlers, Spring cankerworms, Spider mites, Whiteflies, Japanese Beetles, Rose Chafer, Psyllids, Scale Insects	sign of insects. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.
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FRUIT & NUT TREES

GENERAL DIRECTIONS

Apply when insects appear. Wet plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

	Pests:	How to Use:
Almonds, Pecans	Navel orangeworms, Peach twig borers	Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	Green fruitworms, Aphids, Leafrollers (Oblique-banded, Redbanded), Plum curculio, Rosy apple aphids, Spotted tentiform leafminers, Tarnished plant bugs, White apple leafhoppers, Japanese Beetles	Repeat as required to maintain control. Do not make more than 3 applications. Do not apply after petal fall.
Peaches	Borers (Lesser peachtree, Peach twig), Green fruitworms, Plum curculio, Oriental fruit moths, Tarnished plant bugs	Do not apply within 7 days of harvest. Do not make more than 8 applications per season.
Pears (dormant through delayed dormant)	Pear psylla	Apply during the dormant through delayed dormant growth period only. Do not make more than 2 applications per season.
Pears (summer)	Codling Moths, Green fruitworms, Pear psylla, Aphids	Do not make more than 3 applications per season. Can be applied up to 14 days prior to harvest.

VEGETABLES

	Pests:	How to Use:
Asparagus (pre-harvest)	Asparagus beetles, Cutworms	Apply as needed to ensure uniform coverage. Do not make more than 4 applications per crop. Can be applied up to 3 days prior to harvest.
Asparagus (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 armyworms, Cabbage Aphids and Loopers, Diamondback Moths, Imported cabbage worms	Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage.
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	Aphids, Cabbage looper, Cucumber beetle (adults), Cutworms, Leafhoppers, Leafminers, Melonworms, Pickleworm, Plant bugs, Squash bugs	Apply as needed to ensure uniform coverage. Can be applied up to the day of harvest.

Cantaloupe, Casaba, Crenshaw, Honeydew, Honey Balls, Mango melon, Muskmelon, Persian melon, Pumpkin, Summer & Winter Squash, Watermelon		
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 (Foliar application)	Imported crucifer weevils	Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.
<u>Leafy Vegetables:</u> Amaranth, Arrugula, Celery, Celtuce, Chervil, Corn salad, Chrysanthemum (edible-leaved and garland), cress (garden and upland), Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Okra, 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 leaf miner	Apply every 5 to 10 days as needed. Do not make more than 7 applications per crop. Can be applied up to one 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, Tarnish plant bug	Apply as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest.
Peppers	Vegetable leafminers, Cabbage looper, Flea beetle, Corn earworm, Pepper weevil, European corn borer	Apply as needed, but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.
Strawberries, Raspberries, Blueberries	Strawberry weevils, Aphids, Spider mites, Lygus bugs, Flea beetles, Omnivorous leafhopper, Spittlebugs, Japanese beetles, Field crickets, Red Spider, Leafroller, Weevils	Allow 14 days between last application and harvest. Make no more than 8 foliar applications per growing season.
Sweet Corn	Corn earworm, European corn borer, Fall armyworm, Southern armyworm	Apply every 5 days and when needed, but not 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. Can be applied up to day of harvest.

NUISANCE PESTS IN OUTDOOR AREAS

GENERAL DIRECTIONS

Activate Hose-End Sprayer and spray mist listed areas for thorough coverage.

OUTSIDE SURFACES OF BUILDING

Use **Bonide Eight® Insect Control Ready-To-Spray** on Ants, Boxelder Bug, Clover mites, Crickets, Earwigs, Firebrats, Millipedes, Silverfish, Sowbugs (pillbugs), Springtails, 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, apply as a spot or crack-and-crevice treatment to outside surfaces of building, including porches, screens, window frames, eaves, patios, garages,

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refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

OTHER OUTDOOR AREAS

Use **Bonide Eight® Insect Control Ready-to-Spray** on Ants, Asian Lady Beetle, Boxelder Bug, Clover mites, Crickets, Earwigs, Fleas, Locust, Springtails, Ticks (**including ticks that may carry Lyme Disease**) for treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. **For Ants**, thoroughly wet hills and runways. Repeat application as reinfestations occur.

To reduce annoyance from: **Cluster flies, Flying moths, Gnats, House flies, Mosquitoes.** Spray 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, around shrubbery, and other places where these insects alight or congregate. Repeat as necessary.

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 & 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* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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

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

MONEY BACK GUARANTEE: If not completely satisfied with the performance of this product, Bonide Products Inc. will refund your purchase price. Mail proof of purchase (UPC Bar Code), the original purchase receipt and a written description of your problem to: Customer Service, Bonide Products, Inc., 6301 Sutliff Road, Oriskany, NY 13424.

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

[Batch Code to be inserted at production]

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