

4-406

10/3/2001

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Ms. Rebecca M. Horton
Agent for Bonide Products, Inc.
118 ½ E. Main Street
Suite 1
Salem, VA 24153

OCT - 3 2001

Dear Ms. Horton:

Subject: Amendment- refill directions
Bonide Eight Insect Control Garden & Home Insect Control
EPA File Registration Number 4-406
Your submission dated September 5, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

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GARDEN & HOME INSECT CONTROL

Ready to Use

[ADDITIONAL BRAND NAME(S): Rose & Flower Ready to Use; Tomato & Vegetable Ready to Use; Home Pest Control Ready to Use; EIGHT Insect Control Garden & Home]

- READY-TO-USE
- IT'S THE LEAST YOU CAN DO FOR YOUR GARDEN.
- EASY TO USE
- FOR USE ON PLANTS.
- GENTLE TO MOST PLANTS.
- SAFE TO USE ON OVER 60 VARIETIES OF ORNAMENTALS*.
- FOR CONTROL OF VEGETABLE PESTS.
- CONTROLS MOST ORNAMENTAL PESTS.
- CONTROLS MOST GARDEN INSECT PESTS.
- USE INDOORS AND OUTDOORS.
- FOR USE IN AND AROUND THE HOME..
- FOR CONTROL OF VARIOUS PLANT PESTS.
- FOR PLANT PEST CONTROL.
- WATER-BASED.
- USE AROUND BUILDINGS, HOME, FLOWER AND VEGETABLE GARDENS, AND ON FRUIT, NUT AND ORNAMENTAL TREES.
- FOR RESIDENTIAL USE ONLY.

KILLS OVER 100 DIFFERENT NAMED INSECTS

*When Used According to label instructions.

Protects your Roses, Flowers, and Vegetables from: Alfalfa loopers, Ants, Aphids, Armyworms, Bagworms, Beetles, Borers, Brown dog ticks, Budworms, Cabbageworms, Chinch bugs, Cicadas, Citrus black flies, Cluster flies, Codling moths, Corn earworms, Crickets, Cutworms, Earwigs, Elm spanworms, Fall Cankerworms, Fire ants, Fleas, Green fruitworms, Gnats, Grasshoppers, Houseflies, Inchworms, Japanese beetles, Leafhoppers, Leafminers, Leafrollers, Lone Star ticks, Lygus bugs, Mealybugs, Millipedes, Mole crickets, Mosquitoes, Moths, Navel Orange worms, Scales, Sod webworms, Sowbugs (pillbugs), Spider mites, Spring Cankerworms, Tent Caterpillars, Thrips, Tobacco Budworms, Weevils, Whiteflies and many others.

ACTIVE INGREDIENTS:

Permethrin.....(Cas. No. 52645-53-1) 0.02%

OTHER INGREDIENTS: 99.98%

100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

(See Side/Back Panel for Additional Precautionary Statements)

Net Contents 32 FL. OZ. (1 QT.) 128 FL. OZ.

EPA Reg. No. 4-406
September 5, 2001

ACCEPTED

OCT - 3 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the products registered under EPA Reg. No. 4-406

EPA Est. No. 4-NY-1
Page 1 of 6 Pages

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Wash after handling and before ~~smoking~~ or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before spraying. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

Environmental Hazards

This pesticide is extremely toxic to fish. Do not apply directly to water. Avoid contamination of ornamental fish ponds.

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.

SHAKE WELL BEFORE USING

STORAGE AND DISPOSAL

Store and transport in an upright position. Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry area away from heat or open flame. Do not reuse container. Rinse thoroughly and wrap container in several layers of newspaper and discard in trash.

For use, turn nozzle to spray position, point away from face, and squeeze trigger to spray.

INDOOR APPLICATION

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

HOUSEPLANTS

INDOORS: TO PROTECT PLANTS IN RESIDENTIAL GREENHOUSES AND LATHHOUSES, AND FOR INDOOR LANDSCAPING:

To kill insects on Indoor Landscaping direct the spray mist to hit as many insects as possible.

Plants:	Pests:	How to Use:
Ageratum, Ardisia, Aster, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Citrus, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Citrus Blackfly, Corn earworms, Exposed thrips, Fall cankerworms, Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Solder mites, Spring cankerworms, Whiteflies.	Contact and residual: Use sufficient spray to obtain full coverage of all foliage. If application is to be made indoors, remove infested plants from living areas prior to application. Apply in an area not likely to be occupied by people or pets (particularly fish). After spraying, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on 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, spray 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.
Chrysanthemums	Armyworms, Cabbageworms, Cutworms, Leafrollers	
Velvet Plants	Fungus gnats	

INDOOR APPLICATION

For spot application only. Do not use as a space spray indoors. Do not apply on or into electrical switch boxes, wiring or outlets. Do not allow children or pets on treated surfaces until spray has completely dried and area is ventilated. Do not use in commercial food handling establishments, restaurants or other areas where food is commercially prepared or processed. 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.

[OPTIONAL DIRECTIONS FOR USE FOR REFILLABLE PACKAGING USING BONIDE® EIGHT® INSECT CONTROL CONCENTRATE, EPA REG. NO. 4-408]

REFILLING: This pump sprayer bottle can be refilled with BONIDE® EIGHT® Insect Control Concentrate. Add 1 fl. oz. of concentrate and dilute with 1 gallon of water. (Add ¼ fl. oz. of concentrate and dilute with 1 quart of water.) Apply cap tightly and *shake well to mix*. Do not use any product other than BONIDE EIGHT Insect Control Concentrate to refill this container.

USE AS A SURFACE RESIDUAL SPRAY FOR CONTROL OF: ANTS, BEDBUGS, BROWN DOG TICKS, CADELLES, CARPENTER ANTS, CARPET BEETLES, CENTIPEDES, CHEESE MITES, CLOTHES MOTHS, CLOVER MITES, COCKROACHES, CONFUSED FLOUR BEETLES, CRICKETS, DRUGSTORE BEETLES, EARWIGS, FIREBRATS, FLEAS, FLYING MOTHS, GNATS, GRAIN MITES, GRANARY WEEVILS, HOUSE FLIES, LICE AND LOUSE EGGS, LONE STAR TICKS, MEAL WORMS, MILLIPEDES, MOSQUITOES, PALMETTO BUGS, PILLBUGS, RUST RED FLOUR BEETLES, RICE WEEVILS, SCORPIONS, SILVERFISH, SOUBUGS, SPIDERS AND WATERBUGS:

Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For Silverfish, spray bookcases. For Ants, spray trails, nests and points of entry. To reduce annoyance from Mosquitoes, Houseflies, Gnats and Flying Moths, apply every 2 weeks to the outside surfaces of screens, doors, window frames and outdoor light fixtures.

TO CONTROL CARPET BEETLES: Spray mist edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed. Do not allow children or pets in treated areas until spray has dried.

TO CONTROL BEDBUGS: Spray mist mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed. Do not use sprayed areas until completely dry.

TO CONTROL FLEAS (ADULTS AND LARVAE) AND TICKS (ADULTS AND LARVAE): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed. Do not allow children or pets to access treated surfaces until completely dry.

TO CONTROL CLOTHES MOTHS: Remove any 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 lightly, keeping nozzle at least three feet from fabric to avoid staining.

TO KILL LICE AND LOUSE EGGS: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated particles to dry thoroughly before use.

OUTDOOR APPLICATION DIRECTIONS FOR APPLYING ROSES & FLOWERS

	<u>Pests:</u>	<u>How to Use:</u>
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, Snapdragon, 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 as a thorough spray, wetting the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50° to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.

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

	<u>Pests:</u>	<u>How to Use:</u>
Asparagus (pre-harvest)	Asparagus beetles, Cutworms	Apply as needed to ensure uniform coverage. 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.
Beans	Mexican bean beetle, Leafhoppers, Flea beetles, Corn earworm, Lygus and stinkbugs.	Apply as needed. Can be applied up to 3 days prior to harvest.
Celery - See Leafy Vegetables		
Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet armyworm, Cabbage aphid, Cabbage looper, Diamond back moth, Imported cabbageworm.	Apply every 5 days or as needed. Can be applied up to 1 day 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. Can be applied up to the day of the harvest.
Eggplant	Colorado potato beetles, Vegetable leafminers.	Apply as needed to ensure uniform coverage. Can be applied up to 3 days prior to harvest.

VEGETABLE (CONT.)

	<u>Pests:</u>	<u>How to Use:</u>
Horseradish (Foliar application)	Imported crucifer weevils.	Apply as needed. Can be applied up to 22 days prior to harvest.
<u>Leafy Vegetables:</u> Amaranth, Arrugula, Celery, Celtuce, Chervil, Com 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 ear worm, Cutworms, European corn borer, Fall armyworm, Green cloverworm, Southern armyworm, Tobacco budworm, Vegetable leaf miner.	Apply every five to ten days as needed. Do not make more than seven 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. 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. Can be applied up to 3 days prior to harvest.
Strawberries, Raspberries, Blueberries.	Strawberry weevils, Aphids, Spider mites, Lygus bugs, Flea beetles, Omnivorous leafier, 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.

HOME OWNER GROWN FRUIT AND NUT TREES

Apply to trees until foliage is dripping wet. Make sure to spray the undersides of leaves and into dense foliage.

<u>Trees (fruit or nut):</u>	<u>Target Pests:</u>	<u>Use Directions:</u>
Almonds, Pecans	Navel orange worm: Peach twig borer.	Apply when insects appear. Do not make more than 2 applications during the period when the outer hull of the almond has started to open. Do not make more than 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	Plum curculio; redbanded Leafroller, Rosyapple aphid, spotted tentiform Leafminer, Tarnished plant bug, White apple Leafroller, oblique banded Leafroller, Green fruitworm.	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.
Peaches	Lesser peach tree borer, Peach twig borer, Plum curculio, Tarnished plant bug, Green fruit worm, Oriental fruit moth.	Apply when insects first appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.

Pears	Pear psylla, Green fruitworm and Codling moth.	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.
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NUISANCE PESTS IN OUTDOOR AREAS

To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6-10 feet wide and adjacent to activity areas, especially where dense vegetation occurs. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. 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.

OUTSIDE SURFACES OF BUILDING

Use for control of Ants, Clover mites, Crickets, Earwigs, Millipedes, 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, apply as a residual spray to outside surfaces of building, including porches, screens, 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.

OTHER OUTDOOR AREAS

Use for control of 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, spray infested areas thoroughly.

For ants, thoroughly wet hills and runways. Repeat application as reinfestations occur.

Fire Ant Control
Individual Mound and Plant Container
Treatment

Gently apply over the surface of each mound. Thoroughly wet mound and surrounding area of 3 x 4 ft. (12 sq. ft.) For best results apply in cool weather 65°F-80°F early or late in the day. Treat new mounds as they appear.

Pressurized sprays may disturb ants and cause migration, which will reduce product effectiveness. **Use the same method as above for the control of Fire Ants that may nest in permanently placed containerized ornamentals plants.**

For use only as an aid in reducing annoyance from these insects on the following: 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 and other places where these insects alight or congregate. Repeat as necessary.

NOTICE: 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 Telecommunications Network at 1-800-858-7378.

Manufactured by
Bonide Products, Inc.
Oriskany, NY 13424